SUMMARY REPORT
Phase III Remedial Investigation
Northeast Cape, St. Lawrence Island, Alaska

VOLUME I: APPENDICES A THROUGH D

Contract No. DACA85-98-D-0007
Task Order No. 026
MWH Job No. 1850574.260130

December 2002

Prepared for:

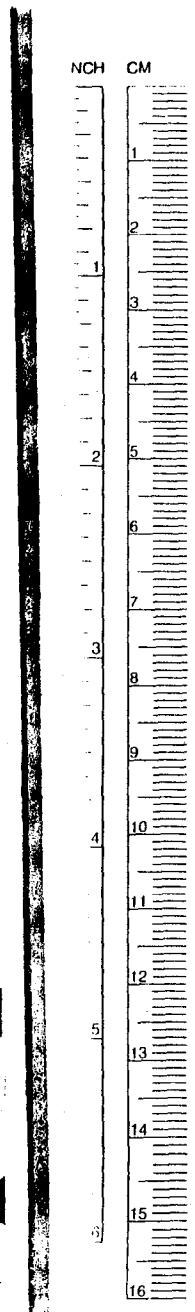
Department of the Army
United States Army Engineer District, Alaska
Corps of Engineers
P.O. Box 898
Anchorage, Alaska 99506-0898

Prepared by:

MWH
4100 Spenard Road
Anchorage, Alaska 99517

APPENDIX A

Field Notes and Field Note Forms



MEASUREMENT CONVERSIONS

IF YOU KNOW	MULTIPLY BY	TO FIND
LENGTH		
inches	2.540	centimeters
feet	30.480	centimeters
yards	0.914	meters
miles	1.609	kilometers
millimeters	0.039	inches
centimeters	0.393	inches
meters	3.280	feet
meters	1.093	yards
kilometers	0.621	miles
WEIGHT		
ounces	28.350	grams
pounds	0.453	kilograms
grams	0.035	ounces
kilograms	2.204	pounds
VOLUME		
fluid ounces	29.573	milliliters
pints	0.473	liters
quarts	0.946	liters
gallons (U.S.)	3.785	liters
milliliters	0.033	fluid ounces
liters	1.056	quarts
liters	0.264	gallons (U.S.)
TEMPERATURE		

°C = (°F - 32) x .555
°F = (°C x 1.8) + 32

Inches	Decimals of foot	Milli-meters
1/16	.0052	1.5875
1/8	0104	3.1750
3/16	0156	4.7625
1/4	.0208	6.3500
5/16	.0260	7.9350
3/8	.0313	9.5250
1/2	.0417	12.700
5/8	.0521	15.875
3/4	0625	19.050
7/8	0729	22.225
1"	.0833	25.400
2"	.1667	50.800
3"	2500	76.20
4"	3333	101.60
5"	4167	127.00
6"	.5000	152.40
7"	5833	177.80
8"	6667	203.20
9"	.7500	228.60
10"	.8333	254.00
11"	.9167	279.40
1 foot	1.0000	304.80

"Rite in the Rain"®
ALL-WEATHER WRITING PAPER

Name Douglas Quist
Montgomery Watson Harza
Address 4700 Spenard Road
Anchorage, AK 99517
Phone (907) 248-8883

Project USACOE
Northeast Cape, St. Lawrence Island
1850574.260120

"Rite in the Rain" - a unique all-weather writing surface created to shed water and to enhance the written image. Makes it possible to write sharp, legible field data in any kind of weather.

a product of

J. L. DARLING CORPORATION
TACOMA, WA 98424-1017 USA
www.riteintherain.com

CONTENTS

PAGE	REFERENCE	DATE

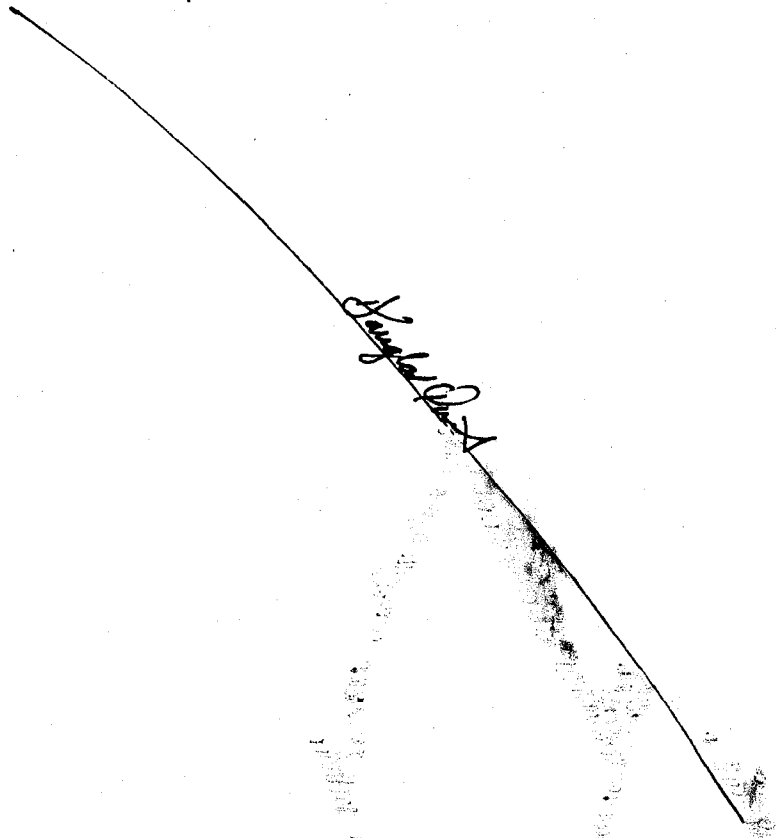
Northeast Cape 1850574.260120 8-17-01

0800 - Arrive Ted Stevens Int'l Airport

1200 - Arrive Nome
Go into Nome for Supplies

1400 - Arrive NEC
Offload Gear

2000 - End Day



Douglas Quist 8-17-01

Northeast Cape 1850574.260120 8-18-01

0700- Health and Safety Meeting
Prepare instruments
DO- Replaced Membrane (YSI only)
pH- Recalibrated
EC,T - Factory Calibrated

Prepare for Cross Sections in Drainage Basin

Refer to M. MarKell Field Notes-

2000 End Day

Douglas Quist 8-18-01

Northeast Cape 1850574.260120 8-19-01

0730- Health and Safety Meeting
Continue w/ Cross Sections
Refer to M. MarKell Field Notes

2130- End Day

Douglas Quist 8-19-01

Northeast Cape 1850574.2601.20 8-20-01

0700 Health and Safety Meeting
Stage Coolers for Shipment to Lab.

0915 - Depart for Continued Cross Sections of Drainage Basin.

Refer to M. Markell field notes

1700 End Day

Douglas Quist 8-20-01

Northeast Cape 1850574.2601.20 8-21-01

0700 Health and Safety Meeting
Johanna Archer and D. Quist to Do Cross Section @ Sugi River and SW/SD Samples
See M. Markell Field Notes

Continue SW/SD Sampling
Moving upstream w/ M. Markell
Refer to M. Markell field notes

2000 End

Douglas Quist 8-21-01

8-23-01

0700 Nugget safety meeting
0715 MWH safety meeting
0730 prep for Site 16 sampling, check instruments
0830 load equipment & sample bottles into trailer
0900 depart camp for Site 16 with Johanna Dreher
0915 arrive Site 16, locate wells & proposed soil sampling sites - no obstructions! ☺ lots of Connexes staged at site
0920 set up at well 16-2 monitoring well; frost jacked above protective casing
- protective casing height: 3.32 ftags
- pvc casing height: 3.36 ft ags
- well depth below top pvc: 16.65 ft
- water level below top pvc: 13.25 ft
- pvc casing inner diameter: 2"
- water column height: 3.40 ft

3.40 × 0.163 = .55420 one casing volume = .55 gallons
min. purge vol. ≅ 1.75 gal.
equipment: disp. bailer & bucket

8-23-01
0935 begin purge at MW 16-2

gallons	time	temp °C	pH	cond uS
0.55	0940	2.6	7.66	161.8
1.20	0945	2.8	7.05	153.1
2.0	0955	2.5	6.89	154.0
2.5	0958	2.6	6.83	153.1

1000 Turbidity: 1000+ NTU
no sheen or odor; water silty
1005 collect SW sample disposable bailer
parameters: SVOC
primary: 01NE16GW102
-oops! dropped the spout in one of the bottles
1015 photograph site, put lid on purge/decon water bucket, move to 16-3

final H_2O level: 13.25 ft below pvc mem

8-23-01 Johanna Dreher
1020 set up at Well 16-3
well condition is good
marking readable
Castings & Pad intact
- protective casing: 2.83 ft ags
- pvc casing height: 2.63 ft ags

1850574.260120 USACOE Northeast Cape

8-22-01 mjm

1600 collect SW sample
primary: 01NE09SW109
- no sheen or odor - but very windy so we couldn't smell anything anyway (also raining)

1630 return to camp, drop off samples, then back to Site 9

1650 collect SD sample
depth: 6" stainless steel spoon
parameters: DRO, RRO, PCB, TAL metals, PAH, VOCs
primary: 01NE09SD109
- silty & peaty w/ lots of roots

See pg 61

1700 return to camp, put away gear, give samples to Eileen & Johanna

1730 work on electronic field forms

1815 break for dinner

1845 back to work on forms

1930 done for the day!

mjm

total hours: 8.0

see next page

1850574.260120 USACOE Northeast Cape

8-22-01

1735 the plane is coming after all! (the weather has cleared up) So - cooler icing & sealing

1835 done!

mjm

total hours: 9.0

Photo Log

Drilling Logs

Soil - SW/SD GW Forms Form

8-21-01

no sheen or odor at SD127
1750 move on to next site
1755 arrive at 126, photograph site
1800 collect SD sample; 6" deep hand auger core
parameters: GRO, BTEX, DRO, RRO, PAH, PCB, TAL metals
primary: 01NE29SD12716 unsplit
COE split: 01NE29SD42716 unsplit
1810 pack up, go back to camp
1815 arrive camp, put samples in sample connex, unload gear
1830 break for dinner
1900 ice samples, clean up, fill out field forms
2000 done for the day!

Melissa Marks
total hours: 12.0

1850574.260120 USACOE Northeast Cape

8-22-01

0700 no Nugget safety meeting because of weather: rain and wind at 45 mph, with gusts to 60 mph
- Nugget not working today
- too windy for MWH to work outside, so we'll be catching up on paperwork

1100 finished field forms, cross-checked COCs w/ field notes, reviewed work plan, copied notes for Eileen & Bonnie; now taking a break
1500 prep for sampling at Site 9, load gear & bottles
1530 go to Site 9 SW/SD sampling site at south side of landfill w/ Bill O'Connell
1545 collect SW field parameters

pH	temp °C	Cond uS	DO mg/L (Hach)	turb. NTU
7.14	9.9 unsplit	91.6	no data	no data

1600 collect SW sample
depth: 3" teflon dipper
parameters: GRO, ~~BTEX~~ unsplit, DRO, VOC RRO, PAH, TAL metals, PCB unsplit

see p9 61

8-21-01
1615 arrive SC-1; measure: 10.9'

point	dist. from S	H_2O depth	tape color
A	1.0'	1.0'	green
B	5.0'	1.35'	blue
C	9.0'	1.3'	green

1625 photograph SC-1
~~1627~~ collect SW field parameters

pH	EC uS	temp °C	turb. NTU	HACH DO mg/L
7.47	138.4	7.6	~~1.30~~ 1.50	11.0

~~1635~~ collect SW samples
depth: 3" teflon dipper
parameters: GRO, BTEX, DRO, RRO, PAH, PCB, TAL metals
primary: 01NE29SW114
1630 collect SD at SC-1A
depth: 6" hand auger core
parameters: DRO, RRO, PAH, PCB, TOC, Pb, Zn, Cr
primary + MS/MSD: 01NE29SD114
(1635) duplicate: 01NE29SD214
triplicate: 01NE29SD314
COE split: 01NE29SD414
- no sheen or odor
- silt w/ peat & gravel

8-21-01
1650 collect SD at SC-1B
depth: 6" hand auger core
parameters: DRO, RRO, PAH, PCB, TOC, Pb, Zn, Cr
primary: 01NE29SD115
- coarse sand, gravel, rotten vegetation - no fines!
1705 collect SD at SC-1C
depth: 6" hand auger core
parameters: DRO, RRO, PAH, PCB, TOC, Pb, Zn, Cr
primary: 01NE29SD116
- silt
note: no sheen or odor at SC-1
1715 pack up, go to Sugi River sediment sampling sites near headwaters
1735 arrive at sed. sample site #127; take photos
1740 collect SD, depth: 6" hand auger core in eddy
parameters: GRO, BTEX, DRO, RRO, PAH, PCB, TAL metals
primary: 01NE29SD127
COE split: 01NE29SD427

1850574.260120 USACOE Northeast Cape

8-21-01

1445 back at camp, dropped off samples, get rid of ATV trailer

1455 back to the River for more sampling

1510 arrive SC-2: wide spot in the river with an eddy
- measure SC-2: 24'

point ↓	dist from East (actually S)	H_2O depth	tape color
A	2.0'	0'	green
B	10.25'	1.5'	blue
C	22.5'	2.0'	green

1520 photograph SC-2

1525 Collect SW field parameters: HACH

pH	cond uS	temp °C	turb NTU	DO mg/L
7.38	142.3	7.2	1.8	10.8

1530 collect SW sample
depth: 3" teflon dipper
parameters: GRO, BTEX, DRO, RRO, PAH, PCB, TAL metals
primary: 01NE29SW115

MyM

8-21-01

1540 collect SD at SC-2A
depth: 6" hand auger core
parameters: DRO, RRO, PAH, PCB, TOC, Pb, Zn, Cr
primary: 01NE29SD117
- coarse sand & gravel; very little silt, if any

1545 collect SD at SC-2B
depth: 6" hand auger core
parameters: DRO, RRO, PAH, PCB, TOC, Pb, Zn, Cr
primary: 01NE29SD118
- gravel w/ coarse sand & rotted vegetation
- no fines!

1550 collect SD at SC-2C (eddy)
depth: 6" hand auger core
parameters: DRO, RRO, PAH, PCB, TOC, Pb, Zn, Cr
primary: 01NE29SD119
- silt (finally!) with gravel & peat

note: no sheen or odor observed at SC-2

1600 pack, move on.

MyM

8-21-01 Melissa Markell
assisted Eileen with sample packing & jar labels until noon
1200 break for lunch
1230 prep for afternoon sampling, load coolers, get ice, stock up on decon supplies, gloves, bug nets, check radios
1305 depart for sampling site
1330 arrive SW/SD sampling location 116 on Sagi River
1335 Collect SW sample
field parameters:

pH	temp °C	EC µS	turb NTU	Hach DO mg/L
7.43	6.9	2.175	2.08	11.0

Collect SW sample
depth: 3" teflon dipper
parameters: GRO/BTEX, DRO, RRO, PAH, PCB, TAL metals
primary: 01NE29SW116
1355 place stakes & measure ~~CS~~ SC-3 17.5'

point	dist. from S	H_2O depth	tape color
A	2.0	0.6'	green
B	8.5	1.2'	blue
C	15	0.5'	green

1850574.260120 USACOE Northeast Cape

8-21-01
1400 collect SD from SC-3A
depth: 6" hand auger core
parameters: DRO, RRO, PAH, PCB, TOC, Pb, Zn, Cr
primary: 01NE29SD120
-very gravelly
1405 collect SD from SC-3B
depth: 6" hand auger core
parameters: DRO, RRO, PAH, PCB, TOC, Pb, Zn, Cr
primary: 01NE29SD121
- all coarse sand & gravel
- no silt!
1415 collect SD at SC-3C
depth: 6" hand auger core
parameters: DRO, RRO, PAH, PCB, TOC, Pb, Zn, Cr
primary: 01NE29SD122
- all coarse sand & gravel
1425 pack up, get back to road
1430 stuck in mud!
1440 back on the road, going to camp to drop off samples

8-21-01

01NE29SD123

0900 primary 01NE29SD123 CS-4a

depth 6 inches

Parameters: PAH, PCB, TOC, DRO/RRO
~~PAH~~ HD Pb Zn Cr

0910 Collect SD at CS-4b

primary: 01NE29SD124

depth: 3ft

parameters: PAH, PCB, TOC, DRO/RRO, TOC

Not taken at Outer, closer to 4c when pulled up a sheen is present

0940 Collect SD at Cs-4c

depth: 1.7ft ~~1.5~~ HD

0950 primary: 01NE29SD125 & MS/MSD

(0955) ~~(0955)~~ duplicate: 01NE29SD225

(1000) triplicate: 01NE29SD325

(1005) COE split: 01NE29SD425

Parameters: PAH, PCB, DRO/RRO
TOC, Pb Zn Cr

1850574.260120 USACOE Northeast Cape

8-21-01

1025 Collect SD 128

Parameters: DRO/RRO PAH
PCB TAL Metals
GRO BTEX

~~primary 01NE29SD128~~ HD

depth 1.7 ft.

primary: 01NE29SD128

1040 Photograph sample location

1045 Collect SD 129

Parameters: DRO/RRO PAH PCB
GRO BTEX TAL metals

depth 1.7ft

primary: 01NE29SD129

1055 Photograph location

1100 return to camp
drop off samples

Johanna Dreher

Photo Log

Drilling Logs

SW/SD Chain of Custody

1850574.260120 USACOE Northeast cape

8-20-01

2015 returned to Camp
dropped off Samples
Clean up Equipment

2030 Done Johanna L. Dreher

8-20-01 Melissa Markell
2000 finish sample packing
done for the day!

Melissa Markell
total hours: 12.0

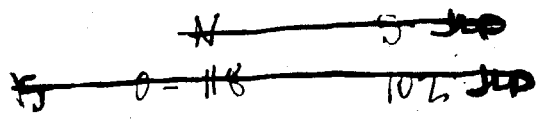
1850574.260120 USACOE Northeast Cape

8-21-01

0700 Nugget Safety meeting
0730 MWH Safety meeting
0745 assist Eileen w/ sample packing & labels while Johanna assists Doug with sample collection at Site 29 (Sugi River)

8-21-01 Johanna Dreher & Doug Quist
0815 arrive at Sample location

Sugi River Cross section 4



Measure CS-4 118'

Point	distance from S	tape	Color
A	15'	0'	green
B	44'	2½'	Blue
C	102'	0'	green

0835 photograph CS-4 location
Collect SD Samples
Parameters -> PAH, Pb Zn Cr, DRO/RRO, PCB, TOC

Photo Log
Drilling Log
Soil / SW/SD
GW
Survey Data

10

8-20-01

reading depth in H_2O (from bottom)	velocity ft per second
2.2' x 0.2 = 0.44'	0.34
2.2' x 0.4 = 0.88'	0.65
2.2' x 0.6 = 1.32'	0.85
2.2' x 0.8 = 1.76'	0.87

1700 - finish readings, photograph site, pack gear

1715 get turbidity at CS-1
turb = 4.61 NTU

1720 turbidity at CS-3 = 5.14 NTU
go back to camp

1735 arrive at camp, drop off samples, unload trailers, pack gear & instruments into connex & office, copy notes for Eileen

1800 break for dinner

1830 assist Eileen with sample jar packaging & paperwork - Melissa will help Eileen while Doug & Johanna collect samples from Site 29 (Sugi River).

MYM

185057.4.260120 USACOE Northeast Cape

11

8-20-01 Johanna Dieher and Doug Quist

19:25 Photograph Sample Site SW117

Turb. 1.73 ntu — Clear H_2O, no sheen or odor

Ec. 233 uS

Temp. 8.3°C

pH 8.3

DO 11 mg/L used HACH

1940 Collect SW 117 Samples
depth: 3 inches using Teflon dipper
19:40
primary: 01NE29SW117 & MS/MSD
(1945)
duplicate: 01NE29SW217
~~1950~~ JLD
triplicate: 01NE29SW317

parameters → DRO/RRO GRO/BTEX
PCB PAH SIM TAL Metals

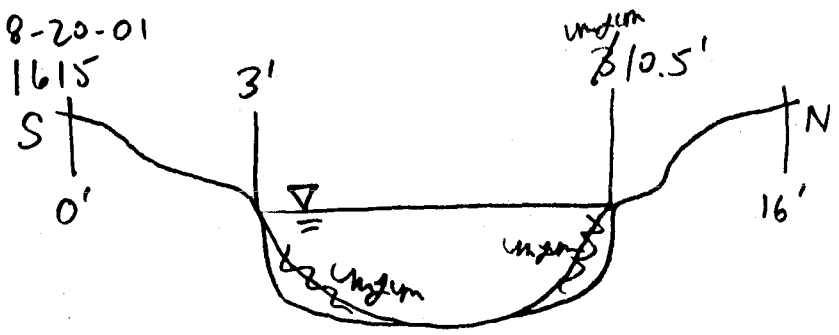
JLD

Photo Log

Printing SW/SD Copy

1850574.260120 USACOE Northeast Cape

8-20-01
1615



dist from S.	depth (H_2O)
3.0'	0.75'
4.0'	1.0'
5.0'	2.1'
6.0'	2.3'
7.0'	2.35'
8.0'	2.5'
9.0'	2.5'
10.0'	1.8'
10.5'	0.9'

1620 start readings:
center = 6.75' from S mark
H_2O depth = 2.4'

from bottom H_2O depth	reading in ft/sec
2.4' x 0.6 = 1.44'	0.30
2.4' x 0.2 = 0.48'	0.09
2.4' x 0.4 = 0.96'	~~0.10~~ 0.27
2.4' x 0.8 = 1.92'	0.71

1850574.260120 USACOE Northeast Cape

8-20-01
1625 finish readings, photograph site, pack gear, move to flow station #2, downgradient of Drainage Basin flow

1645



dist from S.	H_2O depth
4.5'	1.15'
5.0'	1.7'
6.0'	2.05'
7.0'	2.15'
8.0'	2.15'
9.0'	2.2'
10.0'	2.2'
11.0'	2.0'

center = 7.25' from S mark
H_2O depth = 2.2'

1650 start readings
(next page)

Photo Log
Sediment
SW/SD
GW
Comm
Recon

1850574.260120 USACOE Northeast Cape

8-20-01

1445 pack up gear, move to CS-10

1450 collect SD at CS-10 A 1st
depth: 6" SS spoon
parameters: DRO, RRO, PAH, PCB, TOC, Pb, Zn, Cr
primary: 01NE285D165
fuel odor, gravel

1455 collect SD at CS-10A 2nd
depth: ~~6 inch~~ 1.5' hand auger core
parameters: DRO, RRO, TOC, PAH, PCB, Zn, Pb, Cr
primary: 01NE285D166
fuel odor

1505 collect SD at CS-10B 1st
depth: 6" hand auger core
parameters: DRO, RRO, TOC, PAH, PCB, Zn, Pb, Cr
primary: 01NE285D167
fuel odor, gravel

1510 collect SD at CS-10B 2nd
depth: 18" hand auger core,
parameters: DRO, RRO, TOC, PAH, PCB, Zn, Pb, Cr
primary: 01NE285D168
fuel odor, gravel

1850574.260120 USACOE Northeast Cape

8-20-01

1515 collect SD from CS-10C 1st
depth: 6" SS spoon
parameters: DRO, RRO, PAH, PCB, TOC, Pb, Zn, Cr
primary: 01NE285D169
- fuel odor, very gravelly

1530 collect SD from CS-10C 2nd
depth: 8" hand auger core
refusal due to abundant gravel & cobbles
parameters: DRO, RRO, PAH, PCB, TOC, Pb, Zn, Cr
primary: 01NE285D170
- fuel odor

1540 pack gear, get flow meter & flow measurement equipment

1550 head out to where drainage basin enters Sugi River

1605 locate flow Station #1
- upgradient of drainage basin / Sugi River confluence
- equipment: Marsh-McBirney Flow-Mate 2000

1850574.260120 USACOE Northeast Cape

8-20-01

1355 Collect SD at CS-9A 1st
depth: 6" SS spoon
parameters: DRO, RRO, PAH, PCB, TOC, Pb, Zn, Cr
primary: 01NE28SD159
~~duplicate~~ ~~triplicate~~ ~~COC split~~ MMJM
- fuel odor, angular gravel in sediments

1405 collect SD at CS-9A 2nd
depth: 12" auger refusal
hand auger core
parameters: DRO, RRO, PAH, PCB, TOC, Pb, Zn, Cr
primary: 01NE28SD160
- abundant gravel & cobbles, fuel odor

1410 collect SD at CS-9B 1st
depth: 6" hand auger core
parameters: DRO, RRO, PAH, PCB, TOC, Pb, Zn, Cr
primary: 01NE28SD161
- fuel odor, gravel

MMJM

1850574.260120 USACOE Northeast Cape

8-20-01

1415 collect SD at CS-9B 2nd attempted, but auger refusal at 6"; moved auger & tried angled entry at several points, but still got refusal
- primary sample 01NE28SD162 not collected

1430 collect SD at CS-9C 1st
depth: 6" SS spoon
parameters: DRO, RRO, PAH, PCB, TOC, Pb, Zn, Cr
primary: 01NE28SD163
duplicate: 01NE28SD263
triplicate: 01NE28SD363
COEsplit: 01NE28SD463
- strong fuel odor, abundant gravel

1440 collect SD at CS-9C 2nd
depth: 18" auger refusal
hand auger core
parameters: DRO, RRO, PAH, PCB, TOC, Pb, Zn, Cr
primary: 01NE28SD164
- fuel odor, gravel

MMJM

Photo Log
Drilling Logs
Soil & GW Forms
SW/SD Form

8-20-01
1135 collect SD at CS-12D
depth: 6" ss spoon
parameters: DRO, RRO, PAH, PCB, TOC, Pb, Zn, Cr
primary: 01NE28SD181
-no odor or sheen
1140 collect SD at CS-12E
depth: 6" ss spoon
parameters: DRO, RRO, PAH, PCB, TOC, Pb, Zn, Cr
primary: 01NE28SD182
-no odor or sheen
-note: soils at CS-12 coarse sand & gravel; gravel angular, up to 2"; some silt, iron staining
1145 pack up, load trailers, head back to camp
1155 arrive camp, drop off samples with Eileen & Johanna
1200 break for lunch
1230 get organized for afternoon; copy field notes for Eileen

Mike Mahr

1850574.260120 USACOE Northeast Cape

8-20-01
1315 depart for CS-9 & 10
1325 arrive at CS-9 & 10
measure CS-9 14.0'

point	dist. from W	H_2O depth	tape color
A	3.5'	0'	orange
B	7.5'	0.5'	blue
C	11.5'	0'	orange

abundant debris in stream
1335 go to CS-10 50' upgradient of CS-9
1340 measure CS-10 29'

point	dist. from W	H_2O depth	tape color
A	3'	0'	orange
B	14'	0.6'	blue
C	25'	0'	orange

-note: SW sample 01NE28SW115 was collected approx. 30' downgradient of CS-9 because of stream debris
-turbidity = 2.12 NTU
-turbidity of SW-114 (CS-7) = 5.13 NTU
-turbidity of SW-113 (CS-5) = 11.0
-we're collecting turbidity measurements today because Bonnie had the turbidity meter at her sites yesterday & Saturday.

Lmyhre

1850574.260120 USACOE Northeast Cape

8-20-01

1055 collect SD at CS-11 E
depth 6" SS spoon
parameters: DRO, RRO, PAH, PCB, TOC, Pb, Zn, Cr
primary: 01NE28SD176

1100 pack up, move to CS-12
measure CS-12 90.5'
note: disturbed area at south end of x-section

point	dist. from S	H2O depth	tape color
A	44'	2"	green
B	51.5'	2"	orange
C	59	1"	blue
D	66.5'	1"	orange
E	74'	0'	green

note: fuel? sheen at A; organic sheen at B, C, & D
- checked out sheen at A: breaks up, no rainbow effect, so it's organic

1110 photograph CS-12

1115 collect SD at CS-12 A
depth: 6" SS spoon
parameters: DRO, RRO, PAH, PCB, TOC, Pb, Zn, Cr

1850574.260120 USACOE Northeast Cape

8-20-01

1115 collect primary: 01NE28SD177

1120 collect SD at CS-12 B
depth: 6" SS spoon
parameters: DRO, RRO, PAH, PCB, TOC, Pb, Zn, Cr
primary: 01NE28SD178
- no fuel odor, stain, or sheen at 1st 2 CS-12 samples

1125 collect SD at CS-12C 1st
depth: 6" SS spoon
parameters: DRO, RRO, PAH, PCB, TOC, Pb, Zn, Cr
primary: 01NE28SD179
- slight fuel odor; no stain or sheen

1130 collect SD at CS-12C 2nd
depth: ~~6"~~ 1.5' hand auger core
parameters: DRO, RRO, PAH, PCB, TOC, Pb, Zn, Cr
primary: 01NE28SD180
- slight fuel odor, no stain or sheen

1850574.260120 USACOE Northeast Cape

8-20-01

1010 Collect SW sample at CS-11
depth: 2" teflon dipper
parameters: DRO, RRO, PCB
primary: 01NE28SW116
- water slightly smelly (fuel) w/ sheen

1015 measure CS-11 60'

point	dist from S	H_2O depth	tape color
A	3'	0'	green
B	16'	1"	orange
C	29'	0'	blue
D	42'	0'	orange
E	57'	0'	green

- soils saturated
- surface water sample collected 6' downgradient of CS-11C

1020 collect SD at CS-11A
depth: 6" stainless steel spoon
parameters: DRO, RRO, PAH, PCB, TOC, Pb, Zn, Cr
primary: 01NE28SD171
duplicate: 01NE28SD271
triplicate: 01NE28SD371
COE split: 01NE28SD471
no sheen or odor

1850574.260120 USACOE Northeast Cape

8-20-01

1030 collect SD at CS-11B
depth: 6" stainless steel spoon
parameters: DRO, RRO, PAH, PCB, TOC, Pb, Zn, Cr
primary: 01NE28SD172

1035 collect SD at CS-11C 1st
depth: 6" SS spoon
parameters: DRO, RRO, PAH, PCB, TOC, Pb, Zn, Cr
primary: 01NE28SD173

1040 collect SD at CS-11C 2nd
depth: 1.5' hand auger core
parameters: DRO, RRO, PCB, PAH, TOC, Pb, Zn, Cr
primary: 01NE28SD174
still no sheen or odor at this X-section

1045 collect SD at CS-11D
depth: 6" SS spoon
parameters: DRO, RRO, PAH, PCB, TOC, Pb, Zn, Cr
primary: 01NE28SD175
duplicate: 01NE28SD275
triplicate: 01NE28SD375

Photo Log
Soil/SW/SD

8-19-01

1655 pack up gear in trailers, prepare to go back to camp
1700 radio message from Bonnie to pick up Johanna at Site 7
1710 Doug goes back to camp, I go to site 7
1715 arrive site 7, get Johanna
1720 arrive at camp
- unload gear, instruments
- give samples to Eileen
- clean out trailers
1745 start filling out field forms
1800 break for dinner
1830 fill out field forms
1905 fire drill!
1915 back to work
2000 done with field forms
- help Eileen & Johanna pack coolers, make CoCs
2115 done for the day!

UMLMarkell total hours = 12.5

8-20-01

0700 Nugget safety meeting
0715 MWH Safety meeting
0720 sign chains of custody & custody seals; assist in packing & prepping coolers for today's shipment
0900 take coolers to runway staging area; prep for sampling
0910 ~~calibrate~~ calibrate instruments, load trailers
0920 head out for CS-11 & 12 w/ Doug
0930 arrive CS-11 & 12 area,
- locate surface water from which to collect sample
- locate CS-12 100' downgradient of toe of Site 10
- locate CS-11 200' downgradient of CS-12

1000 Collect SW parameters at CS-11

cond. µS	temp °C	pH	turbidity
66.6	4.8	8.61	2.27 NTU

DO: HACH 8.7 mg/L YSI 8.9 mg/L

UMLMR

Photo Log
Soil Drilling
Soil & SW/SD

1850574.260120 USACOE Northeast Cape

8-19-01

CS-8, 12' total

point	dist. from W	H_2O depth	tape color
A	2' ~~upstream~~	0'	orange
B	6'	0.63'	blue
C	10'	0'	orange

- abundant fuel odor, sheen, debris
- CS-8 placed at only location in the area without sheet metal in stream bed

1610 collect SD at CS-8A 1st
depth: 6" ss spoon
parameters: DRO, RRO, PAH, PCB, TOC, Pb, Zn, Cr
primary: 01NE28SD153
duplicate: 01NE28SD253
triplicate: 01NE28SD353

1620 collect SD at CS-8A 2nd
depth: ~~6~~ 1.5' hand auger core
parameters: DRO, RRO, PAH, PCB TOC, Zn, Pb, Cr
primary: 01NE28SD154
- soil rocky, abundant coarse sand, minimal native peat

Mylh

1850574.260120 USACOE Northeast Cape

8-19-01

1625 collect SD from CS-8B 1st
depth: 6" hand auger core
parameters: DRO, RRO, PAH, PCB, TOC, Pb, Zn, Cr
primary: 01NE28SD155

1630 collect SD from CS-8B 2nd
depth: ~~6~~ 1.5' hand auger core
parameters: DRO, RRO, PAH, PCB, TOC, Pb, Zn, Cr
primary: 01NE28SD156

1635 collect SD from CS-8C 1st
depth: 6" ss spoon
parameters: DRO, RRO, PAH, PCB, TOC, Zn, Pb, Cr
primary: 01NE28SD157
duplicate: 01NE28SD257
triplicate: 01NE28SD357

1645 collect SD from CS-8C 2nd
depth: 1.5' hand auger core
parameters: DRO, RRO, PAH, PCB, TOC, Zn, Pb, Cr
primary: 01NE28SD158

note: abundant staining, sheen, fuel odor in all samples

Mylh

Photo Log
Drilling Log
Soil & GW/SW/SD

8-19-01
1445 measure CS-7 14.4'

point	dist from W	H_2O depth	tape color
A	3.7'	0'	orange
B	7.7'	0.2'	blue
C	11'	0'	orange

- abundant scum on water
- high water ≈ 2.4' higher than present water surface

1450 photograph CS-7
1455 collect SD at CS-7A 1st
depth: 6" SS spoon
parameters: DRO, RRO, PAH, PCB, TOC, Pb, Zn, Cr
primary: 01NE28SD147
fuel odor, sheen
1505 collect SD at CS-7A 2nd
depth: 1.5' hand auger core
parameters: DRO, RRO, PAH, PCB, TOC, Pb, Zn, Cr
primary: 01NE28SD148
1510 collect SD at CS-7B 1st
depth: 6" SS spoon, hand auger
parameters: DRO, RRO, PAH, PCB, TOC, Pb, Zn, Cr
primary: 01NE28SD149

1850574.260120 USACOE Northeast Cape

8-19-01
1520 collect SD at CS-7B 2nd
depth: 1.5' hand auger core
parameters: DRO, RRO, PAH, PCB, TOC, Pb, Zn, Cr
primary: 01NE28SD150
1530 collect SD at CS-7C 1st
depth: 6" SS spoon
parameters: DRO, RRO, PAH, PCB, TOC, Pb, Zn, Cr
primary: 01NE28SD151 ms/msd
duplicate: 01NE28SD251
triplicate: 01NE28SD351
COE split: 01NE28SD451
1545 collect SD at CS-7C 2nd
depth: 1.5' hand auger core
parameters: DRO, RRO, PAH, PCB, TOC, Pb, Zn, Cr
primary: 01NE28SD152
note: all samples have strong fuel odor, sheen, black staining
1550 pack up, move to CS-8
1555 locate CS-8 42.5' upgradient of CS-7
- measure CS-8

Photo Log
Drilling Logs
Soil & GW
SW/SD

1850574.260120 USACOE Northeast Cape

8-19-01

1325 collect SD at CS-6C 1st
depth: 6" hand auger core
parameters: DRO, RRO, PAH,
PCB, TOC, Pb, Zn, Cr
primary: 01NE28SD143
strong fuel odor & sheen

1335 collect SD at CS-6C 2nd
depth: 18" hand auger core
parameters: DRO, RRO, PAH,
PCB, TOC, Pb, Zn, Cr
primary: 01NE28SD144
fuel odor, staining, sheen

1345 collect SD at CS-6D
depth: 6" hand auger core
parameters: DRO, RRO, PAH,
PCB, TOC, Pb, Zn, Cr
primary: 01NE28SD145
fuel odor, staining, sheen

1355 collect SD at CS-6E
depth: 6" SS spoon
parameters: DRO, RRO, PAH,
PCB, TOC, Pb, Zn, Cr
primary: 01NE28SD146
fuel odor, slight sheen

VMJ/m

1850574.260120 USACOE Northeast Cape

8-19-01

1400 pack up gear, move on
to CS-7

1410 locate CS-7
collect SW parameters:

pH	temp	conductivity
7.4	5.2 °C	138.6 uS

DO: HACH 8.8 mg/L YSI 7.9 mg/L

1415 collect SW sample:
depth 2" teflon dipper
Parameters: DRO, RRO, PCB
primary: 01NE28SW114

1425 locate CS-9
collect SW parameters:

pH	temp	cond.
6.96	5.3 °C	81.7 uS

DO: HACH 9.0 mg/L YSI 9.6 mg/L

1430 Collect SW sample:
depth: 2" teflon dipper
parameters: DRO, RRO, PCB
primary: 01NE28SW115
- no sheen, no stains, no fuel
odor; water looks very
clean here

VMJ/m

Photo Log
Staining
SW/SD

1850574.2601620 USACOE Northeast Cape
vm2m

18

8-19-01

1035 collect SD at CS-5D
depth: 6" hand auger core
parameters: DRO, RRO, PAH, PCB, TOC, Pb, Zn, Cr
primary: 01NE285D139 + MS/MSD
duplicate: 01NE285D239
triplicate: 01NE285D339
moderate odor, minor stains

1055 collect SD at CS-5E
depth: 6" hand auger core
parameters: DRO, RRO, PAH, PCB, TOC, Pb, Zn, Cr
primary: 01NE285D140

1100 pack up, move to CS-6 100' upgradient from CS-5

1110 measure CS-6 160'

point	dist from W	H_2O depth	tape color
A	63'	0'	green
B	84.5'	0.1'	orange
C	106.5'	0.6'	blue
D	128'	0.6'	orange
E	150'	0'	green

1125 photograph CS-6

1135 break for lunch, pack

vm2m

1850574.260120 USACOE Northeast Cape

8-19-01

collected samples, go back to camp

1145 give samples to Eileen, throw away garbage, clean up

1200 lunch

1230 pack up more sample jars, baggies, etc.

1250 go back out to Site 28

1310 arrive site 28 CS-6
collect SD @ CS-6A
depth: 6" SS spoon
parameters: DRO, RRO, PAH, PCB, TOC, Pb, Zn, Cr
primary: 01NE285D141
moderate fuel odor, sheen

1315 collect SD at CS-6B
depth: 6" SS spoon, hand auger core
parameters: DRO, RRO, PAH, PCB, TOC, Zn, Pb, Cr
primary: 01NE285D142
strong fuel odor, lots of sheen when sediments disturbed

VM2M

Photo Log
Drilling
SW/SD

1850574.260120 USACOE Northeast Cape

8-19-01

0730 safety meeting
0745 calibrate & prepare instruments
- replace membrane on YSI DO meter
0800 break for breakfast
0815 load gear, sample jars
put on chest waders
0845 head out to fuel station
0900 fuel ATVs
0915 go to Site 28 with Doug
0930 place stakes
0945 measure CS-5 160'

point	dist from W	H_2O Depth	tape color
A	70'	0'	green
B	92.5'	0.9'	orange
C	115'	1.5'	blue
D	137.5'	2.1'	orange
E	160'	0.2'	green

0950 photograph CS-5
note: SW sample 01NE28SW113 was collected at CS-5B
1000 collect SD at CS-5A
depth = 6" Stainless steel spoon
parameters: DRO, RRO, PAH, PCB, TOC Pb, Zn, Cr

1850574.260160 USACOE Northeast Cape

17

8-19-01

1000 primary: 01NE28SD135
uniform silt, slight odor
- fuel sheen bubbles up when we disturb the sediments
1010 collect SD at CS-5B
depth: 6" hand auger core
parameters: DRO, RRO, PAH, PCB, TOC, Pb, Zn, Cr
primary: 01NE28SD136
strong fuel odor, silty, black organic-rich, silt & peat
1015 collect SD at CS-5C 1st
depth: 6" hand auger core
parameters: DRO, RRO, PAH, PCB, TOC, Pb, Zn, Cr
primary: 01NE28SD137
slight odor, some black stains
1025 collect SD at CS-5C 2nd
depth: 18" hand auger core
parameters: DRO, RRO, PAH, PCB, TOC, Pb, Zn, Cr
primary: 01NE28SD138
slight odor, some black stains

Photo Log

8-18-01

1655 CS-5 location across wide lake area

1700 collect SW parameters at ~~CS-5~~ CS-4S

cond mS	temp	pH
113.9	10.2°C	7.36

DO: HACH 11.0 mg/L YSI 10.5 mg/L

note: fuel sheen bubbles to surface as we walk in the ~~sediments~~ ~~mm~~

1710 collect SW at ~~CS-5~~ CS-4S
depth = 3" teflon dipper
parameters: DRO, RRO, PCB
primary: 01NE28SW113
note: collected SW sample before placing x-section tag line because placing tag line & staking points would churn up sediment in the lake

1725 place east & west end stakes at CS-5; plan to measure tag line & collect SD samples tomorrow

MGM

1850574.260120 USACoE Northeast Cape

8-18-01

1735 pack up, head back to camp, drop off samples w/ Eileen & Johanna

1755 break for dinner

1830 copy field notes for Eileen

1840 assist Doug: down-loading digital camera images to computer & adding labels

1900 fill out field forms

2000 done w/ field forms! done for the day!

MG Marlar
total hours = 12.5

Photo Log

SW/SD

8-18-01

1555 clean up, head to CS-4 100' upgradient of CS-3

1558 stage gear at CS-4

1600 measure CS-4 100'

point	dist. from W	H_2O depth	tape color
A	3'	0	green
B	~~3~~ 20.5'	~~3~~ 0	orange
C	38'	6"	blue
D	55.5'	3"	orange
E	73'	0	green

1605 photograph CS-4, prep for SD sampling

1610 collect SD at CS-4A
depth: 6" SS spoon
parameters: DRO, RRO, PAH, PCB, TOC, Pb, Zn, Cr
primary: 01NE28SD129

1615 collect SD at CS-4B
depth: 6" SS spoon
parameters: DRO, RRO, PAH, PCB, TOC, Pb, Zn, Cr
primary: 01NE28SD130

mylm

1850574.260120 USACOE Northeast Cape

8-18-01

1620: collect SD at CS-4C 1st
depth: 6" SS spoon
parameters: DRO, RRO, PAH, PCB, TOC, Pb, Zn, Cr
primary: 01NE28SD131

1625 collect SD at CS-4C 2nd
depth = 18" hand auger core
parameters: DRO, RRO, PAH, PCB, TOC, Pb, Zn, Cr
primary: 01NE28SD132
note: both samples at CS-4C black w/ strong fuel odor

1630 collect SD at CS-4D
depth = 6" SS spoon
parameters: DRO, RRO, PAH, PCB, TOC, Pb, Zn, Cr
primary 01NE28SD133

1635 collect SD at CS-4E
depth: 6" SS spoon
parameters: DRO, RRO, PAH, PCB, TOC, Pb, Zn, Cr
primary 01NE28SD134

1645 pack up, look for CS-5 location

mylm

8-18-01
1445 collect SW at CS-3
parameters:

pH	temp °C	cond. mS/cm
6.52	3.9	201.9

DO: Hach 8.9 mg/L YSI 7.1 mg/L
depth: 4" teflon dipper
1455 parameters: DRO, RRO, PCB
primary: 01NE28SW112
note: abundant organic/iron precipitate, floating & adhering to underwater plants
1510 collect SD CS3-A1
depth = 6" SS spoon
parameters: DRO, RRO, PAH, PCB, TOC, Pb, Zn, Cr
primary: 01NE28SD123
1520 collect SD CS3-B1
depth = 6" hand auger core
parameters: DRO, RRO, PAH, PCB, TOC, Pb, Zn, Cr
primary: 01NE28SD124
- while augering down deeper to collect next sample, observed 2 distinct silt layers: black & gray

1850574.260120 USACOE Northeast Cape 11

8-18-01
1525 collect CS-3B 2nd
depth = 1.5' hand auger core
parameters: DRO, RRO, PAH, PCB, TOC, Pb, Zn, Cr
primary, ms/msd: 01NE28SD125
duplicate: 01NE28SD225
triplicate: 01NE28SD325
1540 collect SD at CS-3C
depth = 6" hand auger core
parameters: DRO, RRO, PAH, PCB, TOC, Pb, Zn, Cr
primary: 01NE28SD126
COE split: 01NE28SD426
1545 collect SD at CS-3D
depth = 6" hand auger core
parameters: DRO, RRO, PAH, PCB, TOC, Pb, Zn, Cr
primary: 01NE28SD127
1550 collect SD at CS-3E
depth = 6" SS spoon
parameters: DRO, RRO, PAH, PCB, TOC, Pb, Zn, Cr
primary: 01NE28SD128

Photo Log | Drilling Log | Soil Boring/SW/SD/GW

8-18-01

1320 arrive CS-2

1325 collect SD CS-2A 1st A+3'
depth 6" hand auger core
parameters: DRO, RRO, PAH,
PCB, TOC, Pb, Zn, Cr
primary: 01NE28SD117

1335 collect SD CS-2A 2nd A+3'
depth 18" hand auger core
parameters: DRO, RRO, PAH,
PCB, TOC, Pb, Zn, Cr
primary: 01 NE28SD118

1340 collect SD CS-2B
depth = 6" stainless steel spoon
parameters: DRO, RRO, PAH,
PCB, TOC, Pb, Zn, Cr
primary: 01 NE 28 SD 119

1345 collect SD CS-2C
depth: 6" stainless steel spoon
parameters: DRO, RRO, PAH,
PCB, TOC, Pb, Zn, Cr
primary: 01NE28SD120

1350 collect SD CS-2D
depth = 6" SS spoon
parameters: DRO, RRO, PAH, PCB,
TOC, Pb, Zn, Cr
primary: 01 NE28 SD121

8-18-01

1355 Collect SD CS-2E
depth = 6" SS spoon
parameters: DRO, RRO, PAH, PCB,
TOC, Pb, Zn, Cr
primary: 01NE28SD122
note: surface water has abundant
organic sheen
- SW & SD have rotting organic
odor

1405 clean up, move on to CS-3,
locate CS-3

1425 stage gear at CS-3
measure CS-3 78'

point	dist from W	H2O depth	tape color
A	13'	0'	green
B	26'	0'	orange
C	39'	1.5'	blue
D	52'	0'	orange
E	65'	0.2'	green

1440 photograph CS-3
get ready for SW samples

Photo Log

6

8-18-01
1040 collect SD CS-1A 2nd
depth: 18" hand auger core
parameters: DRO, RRO
PAH, PCB, TOC
Pb, Zn, Cr
primary: 01NE28SD112
1045 collect SD CS-1B
depth: 6" stainless steel spoon
parameters:
DRO, RRO, PAH, PCB, TOC
Pb, Zn, Cr
primary: 01NE28SD113
1050 collect SD CS-1C
depth: 6" stainless steel spoon
parameters: DRO, RRO, PAH
PCB, TOC
Pb, Zn, Cr
primary: 01NE28SD114
1055 collect SD CS-1D
depth: 6" stainless steel spoon
parameters: DRO, RRO, PAH
PCB, TOC
Pb, Zn, Cr
primary: 01NE28SD115

7

8-18-01
1100 collect SD CS-1E
depth: 6" stainless steel spoon
parameters: DRO, RRO, PAH
PCB, TOC
Pb, Zn, Cr
primary: 01NE28SD116
1115 clean up, move on to CS-2
100' upgradient of CS-1
measure CS-2 96'

point	dist from W	H_2O depth	tape color
A	4.5'	0	green
B	25'	0.83 inches	orange
C	45.5'	0	blue
D	66'	0.71 inches	orange
E	85'	0	green

1140: photograph CS-2
pack up, break for lunch
deliver samples to sample handlers: Eileen & Johanna
1215 copy field notes for Eileen, go over samples collected
1245 get ready for more sampling, load coolers
1305 head out to site 28

Photo Log

8-18-01

0700 Nugget safety meeting
0715 mwH safety meeting
0720 prep for Site 28 sampling
- replace membrane on DO meter (YSI); calibrated last night 1800
- calibrate pH meter (Beckman ϕ255 pH/temp)
0740 work w/ Doug to prep gear
0815 get ATVs, get fuel
0900 connect trailers, head out to Site 28
0915 arrive Site 28 CS-1
measure CS-1 124'
A-E is West to East

point	dist. from W	depth	tape color
A	13'	0'	orange
B	32 ~~28.5~~'	0.5'	green
C	52'	0.5'	blue
D	71.5'	0'	green
E	91'	0'	orange

abundant organic sheen, no odor
water is amber in color
0945 photograph CS-1
unpack instruments,
collect SW at 15' from W
water 2' deep

1850574.260120 USACOE Northeast Cape

8-18-01

0950 collect parameters on SW CS-1A

temp	cond	pH
4.1°C	195.5 ~~µS~~ mS	6.63

Accu-Vac

DO:	HACH	YSI
	9.6 mg/L	8.3 mg/L

1002 collect SW samples
parameters: DRO
RRO
PCB
primary + ms/msd: 01NE28SW111
duplicate: 01NE28SW211
triplicate: 01NE28SW311 + ms/msd
COE split: 01NE28SW411
1025 collect SD samples CS-1A
parameters: DRO, RRO, PAH, PCB, Pb, Zn, Cr, TOC

depth: 0-6"
primary & ms/msd: 01NE28SD111
duplicate: 01NE28SD211
triplicate: 01NE28SD311 + ms/msd
COE split: 01NE28SD411

Photo Log

Alaska Airlines:
cargo acct # 2744-006515-1
mileage # 04309841 MVP
conf # GHYNRO
schedule: ANC → NOME 8/17
9:20a 12:14p
NOME → ANC 8/27
8:09p 9:35p

1850574.260120 USACOE Northeast Cape

8/17/01
0800 meet at FOX, depart for airport; field crew:
Bonnie McLean, FTL
Doug Quist
Eileen Maus
Johanna Dreher
Bill O'Connell
Melissa Markell (me ☺!)
1200 arrive Nome, take gear to Bering Air
1400 arrive NEC, offload gear
1430 Nugget Safety briefing by Brian Green (HSO), Nugget
1445 organize gear
2000 done for the day

total hours = 12

Photo Log

1850574.260120 USACOE Northeast Cape

CONTENTS

PAGE	REFERENCE	DATE
144-147	Photo log	
148-153	sample field forms	

phone numbers

Infotrac 24-hour hazmat response:
(352) 323-0091

Anchorage office:
1-888-686-6442

St. Lawrence Island:
Sandi Billingsley, Site Superintendent
ph: 770-1973, fax: 770-2559
COE office ph: 770-2562 fax: -2565
medical trailer: 770-2583
~~const. office:~~

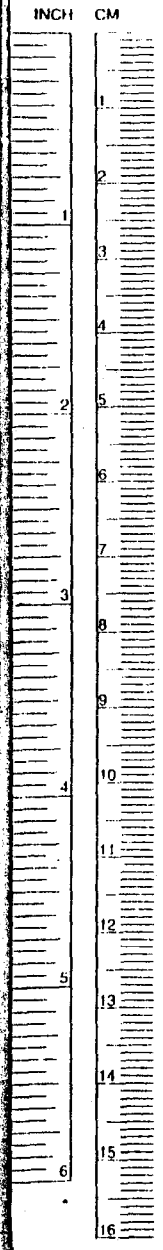
Jane Whitsett:
266-1122 hm: 677-3576

Gary Busse:
266-1140 hm: 345-8424

Liese Geist:
ph: 753-5742 fax: 753-2820

Rich Jackson:
ph: 753-5606 fax: 753-5626

Photo Log | Drilling | Soil | SW | SW/SD



MEASUREMENT CONVERSIONS

IF YOU KNOW	MULTIPLY BY	TO FIND
LENGTH		
inches	2.540	centimeters
feet	30.480	centimeters
yards	0.914	meters
miles	1.609	kilometers
millimeters	0.039	inches
centimeters	0.393	inches
meters	3.280	feet
meters	1.093	yards
kilometers	0.621	miles
WEIGHT		
ounces	28.350	grams
pounds	0.453	kilograms
grams	0.035	ounces
kilograms	2.204	pounds
VOLUME		
fluid ounces	29.573	milliliters
pints	0.473	liters
quarts	0.946	liters
gallons (U.S.)	3.785	liters
milliliters	0.033	fluid ounces
liters	1.056	quarts
liters	0.264	gallons (U.S.)
TEMPERATURE		

°C = (°F - 32) x .555
°F = (°C x 1.8) + 32

Inches	Decimals of foot	Milli-meters
1/16	.0052	1.5875
1/8	.0104	3.1750
3/16	.0156	4.7625
1/4	.0208	6.3500
5/16	.0260	7.9350
3/8	.0313	9.5250
1/2	.0417	12.700
5/8	.0521	15.875
3/4	.0625	19.050
7/8	.0729	22.225
1"	.0833	25.400
2"	.1667	50.800
3"	.2500	76.200
4"	.3333	101.60
5"	.4167	127.00
6"	.5000	152.40
7"	.5833	177.80
8"	.6667	203.20
9"	.7500	228.60
10"	.8333	254.00
11"	.9167	279.40
1 foot	1.0000	304.80

"Rite in the Rain"®
ALL-WEATHER WRITING PAPER

Name Melissa Markell
MWH Americas, Inc.
Address 4100 Spenard Rd
Anchorage, AK 99517
Phone (907) 266-1118

Project Northeast Cape, Alaska
2001 Phase III Remedial Investigation
1850574.260120
17 August 2001 – 28 August 2001
Client: USACOE Alaska District
Work order #: 01-065

"Rite in the Rain" - a unique all-weather writing surface created to shed water and to enhance the written image. Makes it possible to write sharp, legible field data in any kind of weather.

a product of
J. L. DARLING CORPORATION
TACOMA, WA 98421-3696 USA

Photo Log
Drilling
SW/GD

Northeast Cape 1850574. 2601 20 8-25-01

0700 Health and Safety Meeting
Prepare for Well Point Installation
Install Well Points w/ Bill O'connell
WP 3-102
WP 3-103
WP 3-104

WP 4-102
WP 4-103
WP 4-104
WP 30-1 - Background on E. Side of Cargo Rd.
WP 6-1 Refusal @ 5' locations Test Pits had so No water @ 5'? water.
WP 6-2

WP 9-1
WP 9-2
WP 9-3
9-4 - No - use MW from 1994

WP 7-1
WP 7-2
WP 7-3

WP 30-2 Background on S Side of C.B. Road S. of 7.

Douglas Quist 2345-End 8-25-01

Northeast Cape 1850574. 2601 28 8-26-01

0700- Health & Safety Meeting.
Bill O'connell and D. Quist to install Remaining Well Points

Begin Sampling W.P.s @ Sites 9
Refer to Bill O'connell Notes and Field Sampling forms.

1400- Prepare Samples for shipment and to Leave Island.

1530- Depart NEC for Nome
1615- Arrive Nome.
Return through Ketchikan due to bad weather
~~2309~~ - Earlier
2330- Arrive Anchorage.

Douglas Quist 8-26-01

Northeast Cape 1850574.260120 8-24-01

01NE31SS101	1900	DRO/RRO, PCB, PEST	
102	1905	DRO/RRO, PCB, PEST	MS/MSD
103	1920	DRO/RRO, PCB, PEST	
104	1925	DRO/RRO, PCB, PEST	
202	1915	DRO/RRO, PCB Pest	
302	1910	DRO/RRO, PCB, PEST	
01NE32SS101	2000	DRO/RRO 6"	
102	2005	DRO/RRO @ 1.5-2.0'	

Very Odorous, Diesel Staining Prevalent
Tank Empty. Sampled in depression near Bldg.

01NE32SS103	2010	DRO/RRO, PCB, PEST	
01NE32SS104	2015	DRO/RRO, PCB, PEST	
01NE32SS105	2020	DRO/RRO, PCB, PEST	
01NE31SS121	2025	DRO/RRO, PCB, GRO, BTEX	MS/MSD
01NE31SS 221	2030	DRO/RRO GRO, BTEX	
01NE31SS 321	2035	DRO/RRO GRO, BTEX	

Collected Downgradient in runoff channel from former transformers.

~~22~~

Douglas Quist 8-24-01

Northeast Cape 1850574.260120 8-24-01

01NE31SS122 2100
Collected Under Terminus of Power line @ Sta 32

01NE32SW101 2110
Turb 1.21 NTU
EC 54.5 NS
Temp 2.5°C
pH 7.22
DO 11.0
Collected Downstream of 32 Upstream of 31

01NE32SS123	2230	Collected @ Outlet of outfall from Bldg 1001
01NE32SS124	2240	Collected @ 2nd drain from AST Bermed Containment Dike

01NE32SW102 2245
Turb 0.56 NTU
EC 47.8
Temp 3.9°C
pH 7.11
DO 11.0

Douglas Quist 2315 8-24-01

Northeast Cape 1850574. 260120 8-24-01

Casys DCB Screening 0.5

A	+ 0.23		
15	+ 0.04	— Collect Sample Here for 34	
C	+ 0.27		01NE34SS104
D	+ 0.53		
31-1	- 0.31		
31-2	+ 0.14		
31-3	- 0.46		
31-4	+ 0.01		
31-5	- 0.32		
31-6	-0.63		
31-7	- 0.89	- Collect	01NE31SS101
31-8	-0.35		
31-9	-0.88	- Collect	01NE31SS102
31-10	-0.64		
31-11	-0.73	- Collect	01NE31SS103
31-12	-0.66	- Collect	01NE31SS104
31-12D	-0.65		

Douglas Quist 8-24-01

Northeast Cape 1850574. 260120. 8-24-01

14-1	+ 0.35		
14-2	- 0.15		
14-3	- 0.71	- Collect	~~01NE31S~~ DP 01NE14SS101
14-4	- 0.85	- Collect	01NE14SS102
14-5	+ 0.26		
14-6	+ 0.26		
14-7	- 0.14		
14-8	-0.17		
14-9	-0.43	- Collect	01NE14SS103
14-10	- 0.14		
14-11	+ 0.15		
14-12	+ 0.05		
14-12D	+ 0.06		

01NE14SS101 1130
01NE14SS102 1135
01NE14SS103 1140 ms/msD
01NE14SS203 1145
01NE14SS303 1150

Douglas Quist 8-24-01

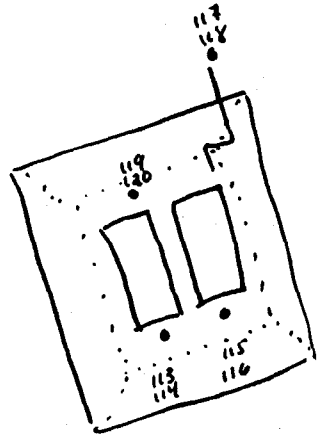
Northeast Cape 1850574. 260120 8-23-01

1520 01NE31SS109 DRO, RRO
1525 01NE31SS110 DRO, RRO

1530 01NE31SS111 DRO, RRO
1535 01NE31SS112 DRO, RRO

1540 01NE31SS113 DRO, RRO
1545 01NE31SS114 DRO, RRO
~~01NE~~

1550 01NE31SS115 DRO, RRO
1555 01NE31SS116 DRO, RRO



1600 01NE31SS117 DRO, RRO
1605 01NE31SS118 DRO, RRO

1610 01NE31SS119 DRO, RRO
1615 01NE31SS120, 220 (1620) ~~QA (1625)~~ stet ~~NO QA DO FOR 124~~ QA 1625 (YES)

1700 01NE31SS125 (Background) DRO, RRO

Return to top Camp w/ Bruce Narloch & Floyd Kingeekuk. Evening Paperwork and Photo download.

Douglas Quist 8-23-01 13 HRS

Northeast Cape 1850574. 260120 8-24-01

0700 Health & Safety Meeting
Prepare for Sites 24, 14, 31, 32 and portions of 30.

0830 - 01NE24SW114
0835 - 01NE24SW214
0840 - 01NE24SW314

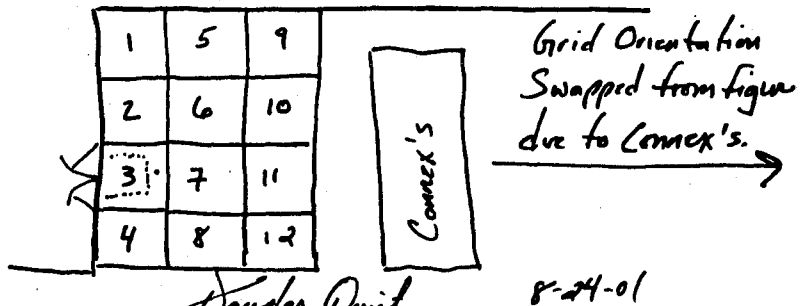
DO 8.5 mg/L, TEMP 10.2°C, EC 124.2 NS, pH 6.46, Turb. 5.67 n+u

0900 - 01NE24SD114 Colocated w/ SW 114

0930 - 01NE24SD115

1000 01NE30SS103 Approximately 200 Ft. S. of Road to 24
1020 01NE30SS102 up Mountain from 99 Background
01NE30SD101 on drainage stream from Site 21

Collect Field Screens @ 14 10' grid intervals



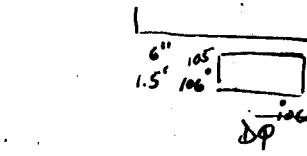
Douglas Quist 8-24-01

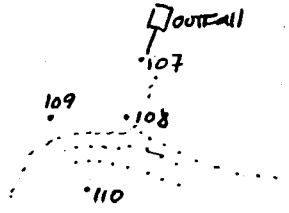
Northeast Cape 1850574. 2760120 8-23-01

1043 - 01NE345S104 PCB - GRID B

1045 - 01NE345S105 under w end of tank

1050 - 01NE345S106 under ~~fill for overflow @ E. End~~ DP





Four Discretionary Samples collected from Downgradient End of Outfall

1100 - 01NE345S107 DRO, RRO

1105 - 01NE345S108 DRO, RRO

1110 - 01NE345S109 DRO, RRO

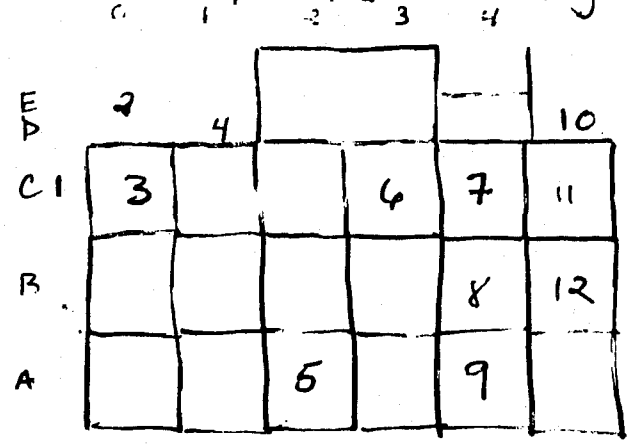
1115 - 01NE345S~~110~~ DP 110 DRO, RRO

30 - 01NE345S111 Background

Douglas Quist 8-23-01

Northeast Cape 1850574. 2760120 8-23-01

Site 31 - Prepare Grid For Screening



Note - all former samples appear to be Composites based on uniform depression near each corner of each grid

Sample under tank valves @ each WACS Antenna

1500 01NE31SS105, 205, QA" (1503), (1504)

1505 01NE31SS106 DRO, RRO

1510 01NE31SS107 DRO, RRO

1515 01NE31SS108 DRO, RRO

Douglas Quist 8-23-01

Northeast Cape 1850574.260120 8-22-01

0700- Extremely High Winds - Weather Day
Gusts to 60+ mph, sustained 40+

Douglas Quist

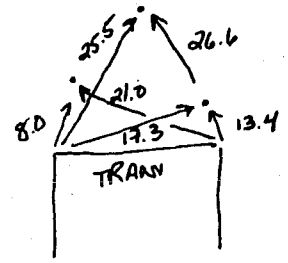
8-22-01

Northeast Cape 1850574.260120 8-23-01

0700 Health + Safety Meeting
Prepare to Sample top Camp Sites 33 + 34
Bill O'connel, Doug Quist, Floyd Kingeekuk

0830- 01NE3355101 DRO/RRO PCB
0835- 01NE3355102 DRO/RRO PCB
0840- 01NE3355103 DRO/RRO PCB

Conditions foggy and ground wet. No obvious Staining. Samples placed in relative proximity to those shown on figure 2-17 of the Work Plan.



Establish Old Grid A-M and 1-10
Assumed ~~20'~~ 25' DP intervals from MS-MG to last pin near road Approximately ~~200'~~ thus roughly 15' squares.

1030 01NE3455101 DP ~~West 20'~~ FROM N/S Road. ±
1035 01NE3455102 ~~South 30'~~ FROM 101 South ±60
1040 01NE3455103 ON Berm South Side of Road.

Map Shows Grid N of Road However pins run along South edge of Road in 20' intervals

Douglas Quist 8-23-01

8-23-01

- Well depth below ~~ref~~ top PVC: 17.28
- ~~well~~ Water depth top PVC: 13.81
- PVC inner diameter : 2"
- Water Column height : 3.47

3.47 one casing vol : .56
× 0.163 min. purge : ≈ 2 gallons
141
2062
347+
56461

equipment : dispos. bailer & Bucket

1030 begin purge on mw 16-3

gallons	time	temp °C	pH	Cond mS
.75	1035	3.3	7.45	155.5
1.25	1037	2.2	7.22	148.0
2.00	1040	2.2	7.14	145.5
2.75	1043	2.4	7.10	141.7
3.25	1045	2.1	7.06	142.5

Turb. 119 NTU
no Sheen or Odor, silty at first Cleared up
1045 Collect Sample w/ dis. bailer
Primary : 01NE16GW103
Parameters: SVOC

JD

8-23-01
final water level 13.83 ft below PVC

1055 purge / Decon water bucket put on lid and load
1100 photo graph site move to site
16-1
Johanna Duke

8-23-01 Melissa Markell
1105 arrive mw 16-1; monitoring well in good condition (casings, caps, & pad undamaged, markings readable)

- protective casing height: 3.25 ft ags
- pvc casing height: 2.93 ft ags
- well depth below top PVC: 16.76 ft
- water level below top PVC: 13.59 ft
- pvc casing inner diameter: 2"
- water column height: 3.17 ft

3.17 one casing volume ≅ 0.5 gal
× 0.163 min purge vol ≈ 1.5 gal
951
1902
317
.51671

equipment : disp. bailer & bucket

MyLon

60

8-23-01

1115 begin purge at MW 16-1

gallons	time	temp °C	pH	cond. uS
0.5	1118	3.1	7.22	244.9
1.0	1120	2.6	7.07	204.5
1.5	1123	2.5	7.01	201.9
2.0	1126	2.7	6.96	189.8
2.5	1130	2.5	6.95	190.4

1130 turbidity = 49.2 NTU
no sheen or odor; water silty at well bottom, but clearer above

1135 collect SW samples w/ disposable bailer
parameters: SVOC
primary + MS/MSD: 01NE16GW101
(1140) duplicate: 01NE16GW201
triplicate + MS/MSD: 01NE16GW301

1150 final H_2O depth = 13.72 ft

1152 stage buckets of purge/decon water at water treatment area (adjacent to Site 16), pack up gear, head back to camp

1850574.260120 USACOE Northeast Cape

8-23-01

1205 arrive at camp, give sample coolers to Eileen, unload gear

1215 break for lunch

1245 copy notes for Eileen

1250 reviewed work plan maps & discovered that yesterday's Site 9 surface water & sediment samples were collected in the wrong location
- previous samples 01NE09SW109 & Dumsum 01NE09SW109 will be discarded
- samples collected at the correct location later today will be assigned these sample numbers

1315 prep for afternoon sampling, get gear & bottles, load ATVs; check, double-check, & re-check the map for Site 9

8-23-01

1335 depart camp to Site 16
w/ Bill O'Connell

1345 arrive Site 16 soil sample
site #165
- dig surface debris away
from sample site

1355 collect soil sample
depth: 6" stainless steel spoon
parameters: PCB, Pb
primary: 01NE16SS165 + MS/MSD
Pb only { duplicate: 01NE16SS265 (1400)
triplicate: 01NE16SS365 + MS/MSD

1405 label turkey butt tag, place
turkey butt, photograph

1410 dig surface debris away from
soil sample site #166

1415 collect soil sample
depth: 6" stainless steel spoon
parameters: PCB, Pb
primary: 01NE16SS166
note: soil in both locations
sandy w/ gravel

1425 photograph, pack up, move to
Site 9

MYUn

1850574.260120 USACOE Northeast Cape

8-23-01

1430 arrive Site 9, locate SW/SD
sampling locations

1445 set up at sample site #107
collect SW parameters

pH	temp °C	E Cons	Turb NTU	HACH DO mg/L
7.62	7.1	46.4	1.83	11.0

1450 collect SW sample
depth: 3" teflon dipper
parameters: GRO, VOC, DRO, RRO,
~~SVOC~~, PAH, PCB, TAL metals
primary: 01NE09SW107 + MS/MSD
duplicate: 01NE09SW207 (1455)
triplicate: 01NE09SW307 + VOC MS/MSD

- no sheen or odor

1540 collect SD sample
depth = 6" SS spoon
parameters: DRO, PAH, RRO,
PCB, TAL metals, VOC
primary: 01NE09SD107
- black mud, lots of rotten
vegetation

1545 place stake, photograph,
pack up, move on

MYUn

Photo Log

Drilling Logs

Soil & GW Forms

SW/SD Form

8-23-01
1550 arrive Site 9 SW/SD sample site 108
collect SW parameters

pH	temp°C	EC uS	NTU turb	HACH DO mg/L
7.43	6.6	48.7	1.98	11.0+

1555 collect SW sample
depth 3"; teflon dipper
parameters: DRO, RRO, GRO, VOCs, PAH, PCB, TAL metals
primary: 01NE09SW108
no sheen or odor
1610 collect SD sample
depth mud 6"; SS spoon
parameters: DRO, RRO, VOC, PAH, PCB, TAL metals
primary: 01NE09SD108
- black silty mud w/ abundant rotten vegetation

1620 place stake, take photos, pack up & move to next site (109) while Bill goes back to camp to drop off samples w/ Eileen & pick up more bottles

VMcLinn

1850574.260120 USACOE Northeast Cape

8-23-01
1635 arrive SW/SD sample site # 109
1640 collect SW parameters

pH	temp°C	cond uS	turb NTU	HACH DO mg/L
7.55	8.3	51.6	1.87	9.0

- pond full of metal debris & iron precipitate; abundant exposed debris along shoreline
- SW/SD sampling area is immediately downgradient from a seep draining from the refuse mass area

1650 Bill returns w/ sample bottles
1650 collect SW sample
depth: 3" teflon dipper
parameters: DRO, RRO, GRO, VOC, PAH, PCB, TAL metals
primary: 01NE09SW109
- no sheen or odor
- The COE folks arrived for a visit (Rich Jackson et. al.), took pictures, watched us sample, then left

VMcLinn

8-23-01
1705 collect sediment sample
depth: 6" SS spoon
parameters: VOC, DRO, RRO,
PAH, PCB, TAL metals
primary: 01NE09SD109
-debris in sediment
1715 place stake, photograph site,
pack up, head back to camp
1730 arrive at camp, give samples
to Eileen & Johanna, unload,
clean up & put away
instruments
1745 copy notes for Eileen,
break for dinner
1815 review site 9 SWSD sites,
choose sites for discretionary
sediment samples
1845 clean & stow equipment
2000 done for the day

Melissa L Markell
total hours: 12.0

1850574.260120 USACOE Northeast Cape

8-24-01
0700 Nugget safety meeting
0710 MWH safety meeting
0725 prep for Sites 9 & 21 sampling
while Bill fuels the ATVs
0815 depart camp w/ Bill O'Connell
0825 arrive Site 9 discretionary
sed. sample location
0830 collect sediment sample
depth: 6" SS spoon
parameters: DRO, RRO, PAH, PCB,
TAL metals, GRO, VOC, TOC
primary: 01NE09SD113 + MS/MSD
duplicate: 01NE09SD213 (0835)
triplicate: 01NE09SD313 + MS/MSD
-very peaty, no sheen or odor
0900 place stake, pack up,
photograph site, move on
0915 arrive sed sample location
114 (lots of metal debris, drums)
0920 collect sediment sample
depth: 6" SS Spoon
parameters: DRO, RRO, GRO, VOC,
PAH, PCB, TOC, TAL metals
primary: 01NE09SD114
-very peaty, no sheen or odor

LMM

Photo Log
Drilling Logs
Soil & SW/SD GW Forms Form

8-24-01

0930 place stake, clean up, photograph, move to Site 21

0940 arrive Site 21, scope out surface soil/soil boring locations

0950 collect soil at location 171
surface soil depth: 6" hand auger
parameters: DRO, RRO, PCB, TAL metals, GRO, BTEX
primary: 01NE21SS171
- soil very peaty & rocky
- no odor

1020 collect soil from boring
depth: 18"* handauger (* 18-24")
parameters: DRO, RRO, PCB, TAL metals, BTEX, GRO
primary: 01NE21SB171
- soil very gravelly, with peat, minor fines, very wet
- tough going with the hand auger because the rocks are so large

1030 place stake, photograph, move on

1040 arrive sample site 169

1850574.260120 USACOE Northeast Cape

8-24-01

1045 collect surface soil sample
depth: 6" handauger core, SS spoon
parameters: DRO, RRO, GRO, BTEX, TAL metals, PCB
primary: 01NE21SS169 + MS/MSD
duplicate: 01NE21SS269 (1050)
triplicate: 01NE21SS369
- lots of peat, no gravel, no odor

1100 collect subsurface soil sample
depth: 18-24" hand auger, SS spoon
parameters: DRO, RRO, GRO, BTEX, TAL metals, PCB
primary: 01NE21SB169
silt w/ minor peat

1115 place stake, photograph, pack up, move on

1120 arrive sampling area 170

1125 collect surface soil sample
depth: 6" SS spoon
parameters: DRO, RRO, GRO, BTEX, TAL metals, PCB
primary: 01NE21SS170
- very peaty, minor gravel, tar (wood stave pipe sealant?)

see page 83

Photo Log

Drilling Logs

Soil & SW/SD GW Forms

8-24-01

1130 place stake, photograph, pack gear, go back to camp

1145 arrive camp, give samples to Johanna, restock gloves, decon

1200 break for lunch

1230 copy notes for Johanna prep for afternoon sampling: load gear & bottles, check calibration on instruments

1320 leave camp for Site 21 with Bill O'Connell

1325 arrive site 21 pipe outfall, locate sampling sites

1340 collect surface soil at 173
depth: 6" ss spoon
parameters: DRO, RRO, PCB, TAL metals, BTEX, GRO
primary: 01NE21SS173
- peaty, no odor

1345 collect surface soil at 172
depth: 6" ss spoon
parameters: DRO, RRO, BTEX, GRO, PCB, TAL metals

1850574.260120 USACOE Northeast Cape

8-24-01

1345 primary: 01NE21SS172
- rotted vegetation, very wet, black mud

1355 move to SW/SD site #114
collect SW parameters:

pH	temp°C	ECus	turb NTU	HACH DO mg/L
6.57	5.2	310.1	7.80	5.7

1405 collect SW sample
depth: ~~6"~~ 3" teflon dipper
parameters: GRO, DRO, RRO, PCB, TAL metals
primary: 01NE21SW114
- abundant iron-rich scum, no odor; organic sheen

1425 collect SD sample
depth: 6" ss spoon
parameters: GRO, DRO, RRO, PCB, TAL metals
primary: 01NE21SD114
- black mud, abundant rotten vegetation, no fuel odor

1430 pack up, place stake, move to SW/SD 113 site

8-24-01

1430 arrive SW/SD sample area 113, collect SW parameters

pH	Temp °C	EC uS	Turb NTU	DO (HACH) mg/L
6.47	5.6	260.0	7.79	6.9

1440 collect SW sample
depth: 3" teflon dipper
parameters: DRO, RRO, GRO, PCB, TAL metals
primary: 01NE21SW113 + ms/msd
(1445) duplicate: 01NE21SW213
triplicate: 01NE21SW313 + ms/msd
- organic sheen, no odor

1505 collect sed sample
depth: 6" SS spoon
parameters: DRO, RRO, GRO, PCB, TAL metals
- black, silty, organic-rich, no odor

1520 place stake, pack gear, photograph SW/SD 113 & 114, SS 172 & 173

1525 head back to camp to drop off samples

1530 arrive at camp, give samples to Johanna, prep for next site

1850574.260120 USACOE Northeast Cape

8-24-01

1600 depart for Site 30 (background location at West Tributary, location of 01NE30SD101)

1615 arrive at sample site

1620 collect surface water
COE split: 01NE30SW401
depth: 3" teflon dipper
parameters: TBD by COE
- no sheen or odor

1630 collect sediment
depth: 6" SS spoon
parameters: TBD by COE
COE split: 01NE30SD401
- abundant rotted vegetation

1640 move 200 ft upgradient

1645 collect SW
depth: 3" teflon dipper
parameters: TBD by COE
COE split: 01NE30SW402
- no sheen or odor

1655 collect SD
depth: 6" SS spoon
parameters: TBD by COE
COE split: 01NE30SD402
- abundant rotted vegetation

Photo Log
Drilling Logs + Soil & GW Forms + SW/SD Form

8-24-01

1700 pack up, go back to camp
1715 arrive camp, give samples to Johanna, go to site 30 SS-101 sample site (end of runway)
1725 collect SS sample
depth: 6" SS spoon
parameters: DRO, RRO, PAH, TAL metals
primary: 01NE30SS101
TAL metals only { duplicate: 01NE30SS201 (1770)
triplicate: 01NE30SS301
- silty soil w/ roots
1735 photograph, stake, go back to camp
1740 give samples to Johanna, put away gear
1745 break for dinner
1815 assist Johanna with cooler packing
2000 done for the day!

Melissa L Mahler
total hours: 12.0

8-25-01

0700 Nugget Safety meeting
0725 MWH Safety meeting
0740 prep for measuring water quality parameters at the well points, load equipment
0930 head out to Sites 3 & 4
0940 arrive Site 3, set up to measure H_2O depth & well point depth, collect water quality parameters (see table pages 76-77)
0950 begin collecting data
- 03WP102 water extremely silty; bailed WP dry to get enough water volume to measure parameters
- turbidity & DO not readable (NR) because water too silty
1015 measure WP & H_2O depth at 03WP103 & 104
- well points need to go deeper; Bonnie called Doug to have him bring the jackhammer; will start over after WPs driven deeper

LMahler

1850574.260120 USACOE Northeast Cape

8-25-01 — YSI model 33

time	location	WP depth (ft bgs)	H_2O depth (ft bgs)	pH	temp °C	EC umhos/cm	turbidity NTU	HACH DO mg/L
0950	03WP102	2.93	1.48	6.5	7.1	212	NR	NR
1015	03WP103	2.84	0.2					
1025	03WP104	2.93	1.67					

*NR = not readable, BD = bailed dry

starting over...

time	location	WP depth (ft btoc)	H_2O depth ft btoc	pH	temp °C	EC umhos/cm	turbidity NTU	HACH DO mg/L	comments*
1130	03WP103	see Bonnie's notebook		6.5	6.5	145	NR	NR	silty
1145	03WP104			6.4	5.2	150	NR	NR	silty
1200 – break for lunch				–	–	–	–	–	–
1230 – resume sampling				–	–	–	–	–	–
1330	04WP~~103~~ umhos			6.2	5.0	195	NR	NR	very silty!
1340	04WP~~104~~ umhos			6.1	5.0	175	NR	NR	very silty!
1350	04WP~~102~~ umhos			6.2	2.0	165	NR	NR	
1420	WP30-1	3.10	1.28	6.7	3.5	85	NR	NR	Nitrate: NR; BD

1430 assist Bonnie with filling bottles at Site 4 & Site 30
1500 feeling sick; taking a couple hours off
1900 update sample count list for monitoring well sampling planned for September
1930 move computer & printer

Melissa Markel

1945 clean & prep instruments for tomorrow
2000 assist Johanna with sample packaging
2030 done for the day

total hours: 9.0

8-26-01

0700 Nugget Safety meeting
0705 MWH Safety meeting
0715 prep for well point water level survey, staking boundaries at Site 7 landfill
0755 depart camp
0805 arrive Site 9 WP-2
depth to H_2O from TOC = 3.34 ft
wp depth from TOC = 6.37 ft
0810 Site 9 WP-3
H_2O depth below TOC: 4.74 ft
wp depth below TOC: 6.23 ft
0820 Site 9 MW-9-2 (SE edge of pond)
H_2O depth below top steel casing: 5.66 ft
Well depth below top steel casing: 11.47 ft
- bottom very soft, material on sounder creamy, no grit: soft bottom must be bentonite in the well

0835 Site 9 MW9-3
H_2O depth below top steel casing: 4.29 ft
Well depth below top steel casing: 9.94 ft
- bottom very soft; material mostly creamy w/ some grit: bentonite + silt

MYLM

8-26-01

0855 arrive background well point WP 30-2
H_2O depth below toc: 4.93 ft
Wp depth below toc: 6.20 ft
0910 arrive Site 7 WP-1
H_2O depth below toc: 3.25 ft
wp depth below toc: 6.22 ft
0920 Site 7 WP-2
H_2O depth below toc: 9.13 ft
wp depth below toc: 9.33 ft
0925 Site 7 WP-3
H_2O depth below toc: ~~3.25~~ MYLM 2.59 ft
Wp depth below toc: 6.16 ft
0930 arrive Site 6 WP-3
H_2O depth below toc: 4.42 ft
Wp depth below toc: 9.35 ft
0940 go back to site 9, drop off water level meter, pick up water quality parameter instruments from Bill
0955 back to camp for more gloves, bailers, decon supplies
1030 arrive site 30 background well point WP-2

MYLM

Photo Log
Drilling Logs
Soil & GW Forms
SW/SD Form

8-26-01

1035 collect parameters
pH:
cond:
temp:
turbidity: no data
DO:
Nitrate:

1045 unable to collect parameters
- only a few inches of water in WP
- water extremely silty
- WP bailed dry very quickly

1050 arrive Site 6 WP-3
collect parameters
pH: 6.2
cond: 131 uMHOS
temp: 5.9°C
turbidity: 190 NTU
DO: 10.2 mg/L

1105 Site 6 WP-2
collect parameters
pH: 6.6 turb: 1000+ NTU
cond: 125 DO: 8.2 mg/L
temp: 5.5°C

1850574.260120 USACOE Northeast Cape

8-26-01

1125 arrive Site 6 SS11 (SW-116)
collect SW parameters
pH: 6.9
temp: 8.8°C
cond: 80 uMHOS
turbidity: 7.30 NTU
DO: 11.0+ mg/L

1145 back to camp, throw away trash, reorganize gear, make inventory list of well points sampled & parameters measured

1200 break for lunch

1230 pack up gear, clean up room, prep for flight out this afternoon

1330 go to site 7 & stake landfill boundary for surveyor

1400 go to Site 9, pick up water quality parameter equipment from Bill

1415 head back to Site 7

1425 arrive Site 7 WP 7-3
collect parameters

Photo Log

Drilling Logs

Soil & SW/SD GW Forms Form

8-26-01

1425 WP 7-3
pH: 6.9
temp: 6.8 °C
cond: 82 uMHOS
- DO & turbidity not readable (water extremely silty)

1440 Site 7 WP 7-2
- cannot collect parameters because < 2" of water in the wp; moving on to WP 7-1

1445 Site 7 WP 7-1
pH: 6.7
temp: 6.0 °C
cond: 71 uMHOS
- DO & turbidity unreadable because water too silty

1500 back at camp, put away gear, pack up last of personal stuff,

1530 to the plane

1545 on the way to Nome

2330 arrive Anchorage (finally!)

Melissa Markell

total hours: 16

~~8-26-01~~ (8-24-01)

collection of subsurface soil sample 01NE21SB170 at Site 21 was not recorded in the field notebook at the time of collection (see page 69)

time of collection: 1130

depth: 18-24"

method: hand auger core

parameters: DRO, RRO, GRO, BTEX, PCB, TAL metals

sample type & ID: primary 01NE21SB170

description: peaty, minor gravel, tar (wood stave pipe sealant?)

Melissa L Markell 8/28/01

Pages 84-143 are blank.

1850574.260120 USACOE Northeast Cape

Photo Log

camera/ roll #	frame	date	direction facing	subject
digital	1 & 2	8/18	E	CS-1
	3		S	CS-1A
	4		S	-1B
	5		S	-1C
	6		S	-1D
	7		S	-1E
	8		W	CS-1
	9		SE	Doug collecting SW at CS-1A
	10,11		E	CS-2
	12		S	CS-2A
	13		S	-2B
	14		S	-2C
	15		S	-2D
	16		S	-2E
	17		W	CS-2
	18		NW	CS-2 & CS-1
	19		E	Doug collecting SD at CS-2A 2nd sample
	20,21		E	CS-3
	22		S	CS-3A
	23		S	-3B
	24		S	-3C
	25		S	-3D
	26		S	-3E
	27,28		W	CS-3 & CS-2

Photo Log

8-18-01
will discontinue photo log as Doug Quist is keeping track of photos; he will download digital camera and label photos daily

1850574.260120 USACOE Northeast Cape

146

Photo Log

camera/ roll #	frame	date	direction facing	subject

na

Media Upload

1850574.260120 USACOE Northeast Cape

Photo Log

EOJ storage

Drilling Logs
Soil & GW Forms
SW/SD Form

1850574.260120 USACOE Northeast Cape

example forms

mgm

LOG OF DRILLING OPERATIONS

Project Number:	Boring Number	Sheet
1850574.260120		1 of

Project: NEC 2001 Phase III RI Site: 36 Client USAED - Alaska

Start Date: Finish Date Geologist

Drilling Company: Discovery Drilling Drilling Method Rig Type

Boring Size: (in) Total Depth: (ft) Depth to First Water: (ft) Depth to SWL: (ft)

Sampler Type: Diameter: (in) Hammer Drop: (in) Hammer Weight: (lbs)

AK State Plane Coordinates: Northing (ft): Easting (ft) Top of Hole Elevation (ft) Elevation Datum

Depth (ft bgs)	Time	Sample Interval	Blows/6 in	PID (ppm)	% Gravel	% Sand	% Fines	Max Size (in)	Lithologic Description/ Drilling Remarks	Soil Class	Graphic Log	Well Specifics
0									SPUD			PVC Casing Depth (ft bgs) = Top of PVC to top of flush-mount (ft) =
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												

1850574.260120 USACOE Northeast Cape

example forms

mgm

LOG OF DRILLING OPERATIONS

Project Number:	Boring Number:	Sheet
1850574.260120		2 of

Project: NEC 2001 Phase III RI Site: 36 Client USAED

Depth (ft bgs)	Time	Sample Interval	Blows/6 in	PID (ppm)	% Gravel	% Sand	% Fines	Max Size (in)	Lithologic Description/ Drilling Remarks	Soil Class	Graphic Log	Well Specifics
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												
32												
33												
34												
35												
36												
37												
38												
39												
40												
41												
42												
43												

Drilling Logs
Soil + SW/SD
GW
Forms Form

Photo Log

Drilling Log

example forms

MJM

SOIL SAMPLING FIELD NOTE FORM	Project Number: 1850574.260120	Sample Location:

Project: Northeast Cape 2001 Phase III RI	MAP
Site:	
Client: United States Army Engineer District – Alaska	

FIELD INFORMATION	
Date:	**Sampler(s):**
Sampling Equipment:	

SAMPLE INFORMATION			
Time:	**Depth Interval:** ft	**PID:** ppm	
Sample ID: Ø1NE_ _ _ _ _ _ _ _	primary duplicate triplicate ms/msd		
Time:	**Depth Interval:** ft	**PID:** ppm	
Sample ID: Ø1NE_ _ _ _ _ _ _ _	primary duplicate triplicate ms/msd		
Time:	**Depth Interval:** ft	**PID:** ppm	
Sample ID: Ø1NE_ _ _ _ _ _ _ _	primary duplicate triplicate ms/msd		
Time:	**Depth Interval:** ft	**PID:** ppm	
Sample ID: Ø1NE_ _ _ _ _ _ _ _	primary duplicate triplicate ms/msd		
Time:	**Depth Interval:** ft	**PID:** ppm	
Sample ID: Ø1NE_ _ _ _ _ _ _ _	primary duplicate triplicate ms/msd		
Time:	**Depth Interval:** ft	**PID:** ppm	
Sample ID: Ø1NE_ _ _ _ _ _ _ _	primary duplicate triplicate ms/msd		
Time:	**Depth Interval:** ft	**PID:** ppm	
Sample ID: Ø1NE_ _ _ _ _ _ _ _	primary duplicate triplicate ms/msd		
Time:	**Depth Interval:** ft	**PID:** ppm	
Sample ID: Ø1NE_ _ _ _ _ _ _ _	primary duplicate triplicate ms/msd		
Time:	**Depth Interval:** ft	**PID:** ppm	
Sample ID: Ø1NE_ _ _ _ _ _ _ _	primary duplicate triplicate ms/msd		
Analyses: DRO RRO GRO BTEX VOC PAH PCB Pest. TALmetal Pb Zn Cr TOC Geotech			

example forms
MJM

GROUNDWATER SAMPLING FIELD NOTE FORM	Project Number: 1850574.260120	Well ID:
Project: NEC 2001 Phase III RI	**Client:** USAED	
Date:	**Time:**	**Sampler(s):**
Well type: Monitoring Well Well Point Other:		
Well condition:		

Protective casing height (ft ags):	**Minimum purge volume calculation:**
PVC casing height (ft ags):	One well volume (gal) = 0.163A(B/2)² = C
Well depth below top of PVC (ft):	Minimum purge volume = C x 3
Water level below top of PVC (ft):	**Calculation:**
Water column height (ft): = A	
PVC casing ID (in): = B	
Purging Method/Equipment:	
Sheen: none slight moderate abundant	**Odor:** none slight moderate strong

Gallons	Time	Temperature °C	pH pH units	Conductivity umhos/cm	Comments

Time:	**Sample ID:** Ø1NE _ _ _ _ _ _ _ _ primary dup triplicate ms/msd
Time:	**Sample ID:** Ø1NE _ _ _ _ _ _ _ _ primary dup triplicate ms/msd
Time:	**Sample ID:** Ø1NE _ _ _ _ _ _ _ _ primary dup triplicate ms/msd

Field Tests:	**Turbidity NTU**	**Nitrate mg/L**	**Ferrous Iron mg/L**	**ORP mV**	**Dissolved Oxygen mg/L**
Time:					
Time:					
Time:					
Laboratory Tests:	DRO RRO GRO BTEX Alkalinity Sulfate Methane/Ethane/Ethene				

Soil & SW/SD
GW
Forms Form

example forms
[signature]

SURFACE WATER AND SEDIMENT SAMPLING FIELD NOTE FORM	Project Number: 1850574.260110	Sample Location:	Page 1 of
Project: NEC 2001 Phase III RI	Client: USAED - Alaska		
Date:	Sampler(s):		

SURFACE WATER SAMPLE INFORMATION		
Stream Name:	Depth: ft	Width: ft
Appearance:		
Cross-Section Number/Location (if applicable):		
Collection method: Disposable Teflon dipper	Temp. ° C: / pH:	Cond. (umhos/cm): / CS Collection Point:
Sheen: none slight moderate abundant	Odor: none slight moderate strong	
Time:	Depth:	Sample ID: Ø1NE _ _ _ _ _ _ _ prime dup trip split ms/msd
Time:	Depth:	Sample ID: Ø1NE _ _ _ _ _ _ _ prime dup trip split ms/msd
Time:	Depth:	Sample ID: Ø1NE _ _ _ _ _ _ _ prime dup trip split ms/msd
Laboratory Tests: DRO RRO GRO BTEX VOC SVOC PAH PCB TAL metals		

SEDIMENT SAMPLE INFORMATION			
Collection method:			
Cross-Section Number/Location (if applicable):			
Time:	Depth:	Point:	Sample ID: Ø1NE _ _ _ _ _ _ _ prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE _ _ _ _ _ _ _ prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE _ _ _ _ _ _ _ prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE _ _ _ _ _ _ _ prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE _ _ _ _ _ _ _ prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE _ _ _ _ _ _ _ prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE _ _ _ _ _ _ _ prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE _ _ _ _ _ _ _ prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE _ _ _ _ _ _ _ prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE _ _ _ _ _ _ _ prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE _ _ _ _ _ _ _ prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE _ _ _ _ _ _ _ prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE _ _ _ _ _ _ _ prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE _ _ _ _ _ _ _ prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE _ _ _ _ _ _ _ prime dup trip split ms/msd
Laboratory Tests: DRO RRO GRO BTEX VOC PAH PCB Pesticides TAL metals Pb Zn Cr TOC Geotech			

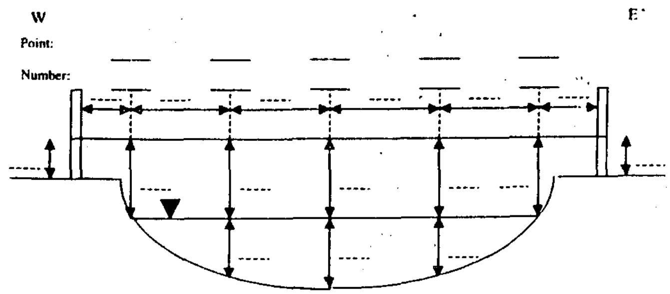
example forms
[signature]

STREAM CROSS-SECTION DIAGRAM	Project Number: 1850574.260120	CS #:	Page 2 of 2
Project: NEC 2001 Phase III RI	Client: USAED		
Date:	Sampler(s):		
Stream Name:			
Appearance:			
Survey/Measurement Equipment:			

Site Sketch (Plan View):

N

Cross-Section Sketch:



Label sample points from west to east A, B, C, etc. The first sample at each point is 1 the next 2, etc

Photo Log

Forms 2011 QM

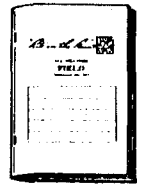
SW/SD Form

"Rite in the Rain"®

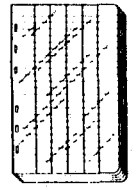
ALL-WEATHER WRITING PAPER

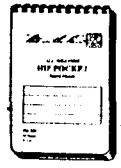
Outdoor writing products . . .
. . . for outdoor writing people.


BOUND BOOKS


NOTEBOOKS

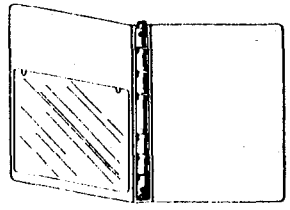

SPIRAL NOTEBOOKS

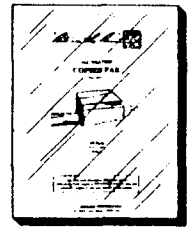

LOOSE LEAF SHEETS

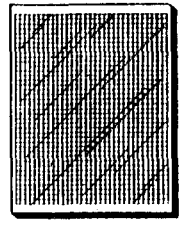

SPIRALS

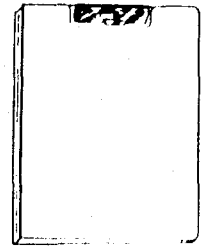

MEMO BOOKS


ALL-WEATHER PEN


RING BINDERS

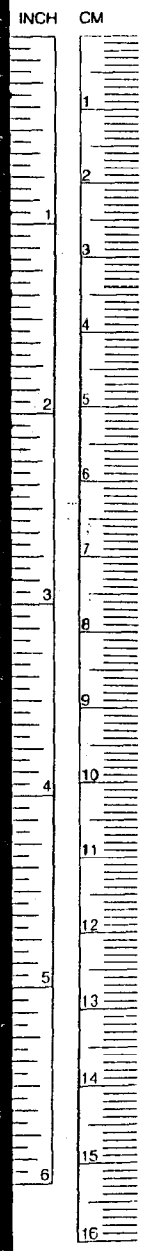

COPIER PAPERS


GRID SHEETS


POLY-CLIPBOARDS

Field data . . . if it's worth collecting, it's worth protecting.

12 5 MADE IN USA



MEASUREMENT CONVERSIONS

IF YOU KNOW	MULTIPLY BY	TO FIND
LENGTH		
inches	2.540	centimeters
feet	30.480	centimeters
yards	0.914	meters
miles	1.609	kilometers
millimeters	0.039	inches
centimeters	0.393	inches
meters	3.280	feet
meters	1.093	yards
kilometers	0.621	miles
WEIGHT		
ounces	28.350	grams
pounds	0.453	kilograms
grams	0.035	ounces
kilograms	2.204	pounds
VOLUME		
fluid ounces	29.573	milliliters
pints	0.473	liters
quarts	0.946	liters
gallons (U.S.)	3.785	liters
milliliters	0.033	fluid ounces
liters	1.056	quarts
liters	0.264	gallons (U.S.)
TEMPERATURE		

°C = (°F - 32) x .555
°F = (°C x 1.8) + 32

Inches	Decimals of foot	Milli-meters
1/16	.0052	1.5875
1/8	.0104	3.1750
3/16	.0156	4.7625
1/4	.0208	6.3500
5/16	.0260	7.9350
3/8	.0313	9.5250
1/2	.0417	12.700
5/8	.0521	15.875
3/4	.0625	19.050
7/8	.0729	22.225
1"	.0833	25.400
2"	.1667	50.800
3"	.2500	76.200
4"	.3333	101.60
5"	.4167	127.00
6"	.5000	152.40
7"	.5833	177.80
8"	.6667	203.20
9"	.7500	228.60
10"	.8333	254.00
11"	.9167	279.40
1 foot	1.0000	304.80

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

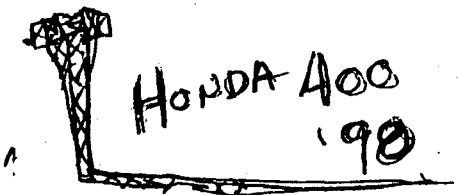
Name Bonnie McLean
(907) 266-1141
Address
Trip 1 7-23 → 7-26-2001
Phone Plants & Drinking
WATER wells
Project Trip 2 8-17 → 8-29-01
Base sampling
Trip 3 - mud/SB
Berries

"Rite in the Rain" - a unique all-weather writing surface created to shed water and to enhance the written image. Makes it possible to write sharp, legible field data in any kind of weather.

a product of

J. L. DARLING CORPORATION
TACOMA, WA 98424-1017 USA
www.riteintherain.com

CONTENTS



(2) 91051-HA7-651 ✓

(2) 91252-HA7-003

(2) 91255-HA0-681

Nome
443-5619 Kevin
ANC
279-9478

	Morgan's	
	443-215[illegible]	

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

1-888-
6866442

Nicoget 770-1973 —
770-2559 FAX

Barrington 1-800-478 5422
FAX 443 5919

AK Nome cargo 443-2263

Lisa 753-5742
Rick 753-5606

GO PRI
Nome Cargo
443 2711

1800 950 1077
0 907 435 1525
9264

DHL cargo 344-6[illegible]231
FAX 907 [illegible] 7556
11341 Clive Ln FAK

Nome 443-5619 (Honda parts)
Kevin

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

7-23-01
Bgm

0730 @ fox
0805 @ AIA
Flight delayed
1110 leave ANC
240 arrive Nome
305 leave Nom - Barrow
Nugget Kair charter

400 Arrive NEC -
440 Safety briefing -
Stage equipmt Rm 17
1910 Lent 1 ATV Miriam Tookie
1930 on-site - 35 & 28
2030 Prep bottle sets
Eugene says well 62' bgs
Pump are still in wells

USArmy Jan 63 map
have wells ID

Bgm

Drinking water wells ID
NEC 7-23-01 (35-3)

N

35-2 (30gpm)

(35-1) (10gpm) (Dry)

113

35-4 40GPM

per (US ARMY MASTER plan 1 Jan 63)

Called Melissa to confirm well ID for WP figure. Left message

Talked w Marie & Miriam on plant ID trips Tuesday.

Missing one gpm/bck tote with water level meters (2) called Corning air, they will ck with UAC.

2010 End day Bgm

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

7-24-01
0700 Safety Meeting Completed. w/ Nugget
ATV #1
ATV #2
830-930 - WINDY OVERCAST 40°F
Nugget pulled well pump from #2.
945 7" Steel Casing
22.45' btc
44.2' Total Depth
Casing flush to Bldg. floor
well vol = 20 gal
All meters cal. in field:
1. pH/redox Beckman 11 #2 7 & 7 STD.
2. YSI 30 S-C-T
3. EC STD. 1413 m/m = 1420
4. Temp 17°C = 17°C
5. Turb. - Hach 2100P - 52 NTU=52.3
6. DO - Hach

BJM

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120 BJM

7-24-01
WELL 2 35-2 Purging

GAL. Vol.	pH *	EC uS	Temp °C	Turb. NTU	pump Ti time
20.0	6.45	1420	3.2	167	1030
40.	6.74	110.6	2.9	166	1040
80	6.80	109.1	2.9	108	1055
120	6.79	106.3	3.0	106	1110

ID sample - 01 NE 35 GW 102
@ 1100 DRO/RRO, GRO/BETX.
+ NATURAL Attend.
TRIP BLANK 7-24-01 @ 1200
ID. 01 NE 35 TB 101
for gro/Betx - Sample results
DO = 8.2 mg/L
REDOX = -000.8 mV @ 25°C Teflon
* TC to 25°; Betx/GRO w/ bailer
START observation loss - pump in top 5'
Slight intermittent sheen
NO odor. Betx/GRO w/ Teflon bailer
Purge WATER to carbon filter -
Dis. metals filtered .45 micron
Shipped VIA Bering Air to NOM
AK. AIR.

BJM

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

7-24-01
FAX copy COE/C
01 NEC 01
& airbill 1720 4445

to LAB & Anch (Eileen)

Bgm

Bgm

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120 Bgm 7-24-01

1130 Hotel #1



Pump in top 5' water.
▽ 30.1' btc -
1.85' Stick-up, bgs
60.05' btc Total depth
5" Dia.

Vol = 24 gal. - plane on-site.

Time	pH	Temp °C	EC µs/cm	Turb.	GAL. Vol.
1700	5.51	4.2	148.1	61.5	5
1855	5.42	4.3	157.0	42.7	15
1905	5.54	3.4	160.6	41.3	25
1920	5.82	3.5	190.8	57.3	50
1940	5.95	3.2	211.4	123.	75

STOPPED because of battery trouble.

later:
When pump pulled ice level (2") was at ▽.
per Charlie (Nugget).
See pg 17 for sampling.

Bgm

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

1135 Herman Toolie, George Noongwook (Coe liason) arrive from Savoonga.

Herman will identify plants the reindeer herd might eat in the drainage basin. There are est. 6,000 head on the island.

We went to site 11 and walked the basin. Stakes were placed at each plant Herman identified.

We will return to sample at a later time.

See notes Pg. 9 - Reindeer plants.

pg 14 - human plants.

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120 7-24-01

1230
Reindeer Plants
ID-T w/ Herman Toolie

(1) ID-1 white lichen fuzzy "Mulck" - name for all lichen
(2) yellow lichen,
(3) like straw - white (same as #11)
(4) low brush - leaves (same as #12) - early spring "Qugungq-g"
(5) black, lichen Winter "MESAK"
(6) moss - green, summer
(7) flowers - blue
(8) moss, bright green
(9) moss (same as #6)
(10) Flowers, all types
(11) straw like, white, same as 3

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120 Bgm 7-24-01

reindeer plants (cont.)
lower ab
(12) low brush (same as #4)

Hermanson Berrington Dept
NEC for SITV Q
1515.

The plants ID (X) will be cross referenced to PT-X when placed in field. LAB ID will be reference to this field ID

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120 Bgm 7-24-01

Human edible native plants
Marie Toolie, translator Miriam Toolie

(1) large brush [illegible] green, woody stems

(2) black berries, NO berries on in sept should be ripe

(3) juicy juffy flowers on on very low brush

(4) small cactus like, plant "Kitmmik"

(5) sm. black berries, "KAVIAK", late Aug.

(6) "greens" "NUNIVAK"

(7) Salmon berries, late Aug.
AQAVZIK

(8) bushe [illegible]
ANQUKAQ - leaves by site.

Bgm

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

7-24-01

(9) spinach like leafy w/ red veins
Allageggkag - leafy leaves cooked
red stalks juice
dm. red flowers
NAPAZIO. black
(by side road)
This plant does not grow on the drainage ditch.
We could locate again

Main and Minam lease
date 1630.

Return to well #1.
See pg 7.

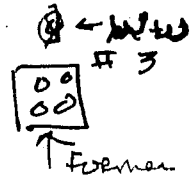
1730 to camp
1900 to well #1
2000 pack up trailers for 7-25-01.

BgM

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

BgM

7-24-01



Well #3
7" DIA.
28.25' BTC
43.22' BTC Depth Total

1.84' stickup
Dedicated pump (purging) placed in casing

Info only.

Done

USACOE
Northeast Cape, St.. Lawrence Is. 7-24-01
1850574.260120 BSM

Drinking Well #4
25.65'
57.85' Depth total
8" Dia
1.10' above floor
Former construction Camp



Former Pump House Bldg.

Deviate purging pump placed in well.

INFO only

BSM

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120 7-24-01 BSM

Well samples well #1 # 3 & *4 7-25-01
Pick plant samples
Call Bering air for Charter out 7/26/01
Time to be determined

2030 Wind. planned back outside door in left side top head visible planning trash vendor decision

2150 End Day.

BSM

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

7-25-01

BJM

0700 Safety meeting
by Nazgat- completed
Prepare equipment -
Calib. WQ meters

	STD	READ
pH	4 7	STD
Turb	52	52.4
Temp	21.5	21.5
EC	1413	1428

Prepare sample bottles

~~DT~~ Well #1

0815 at WELL #1
pump failed - set up S'water
changed out pump
Purged 30 gals.
Sampled Well #1
No sheen observed.
No odor observed.
BJM

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

BJM WELL 1
7-25-01

Field (Temp. C)

Vol	pH	Temp	EC	Turb.	Time
30	5.52	2.8	132.5	67	920
165+	5.89	2.9	128.7	58.5	1100

Preserv. Time
ID 01NE35GW101 @1000
Cafe 01NEC04
TripBlank 01NE35TB102 @1215
QA- Cafe 01NEC02
ID: 01NE35GW201 @1010
Dro/RRo, Gro/Betx
QC Cafe 01NEC04
ID: 01NE35GW301 @105
DRo/RRo, Gro/Betx
QA Blank ~~Trip~~ Blank (4-40ml)
01NE35TB302 (Gro/Betx) @1200
DO 5.8 mg/L
Odox -30.8 mV
Gro/Betx Sampled w/ Teflon disposable Bailer
All parameters sampled w/ disposable teflon bailer
BJM

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

7-25-01
Call Lisa Gaudet - USACOE
Re: Plant Sample Set
three ID 24 types:
Rendeer - 10 Berries 3
Peapea - 5 grass - 3
(2 - may of these may not be located) Bkg - 3

one is weed both peapea and Reindeer (dried & out door)
Grass - 3 (same type) (diff loc.)
BKG - 3 lichen (R)
(S. Road, up Squir R.) dew bud (R,P)
green (P)

Berries - 3
To be gathered in Aug or Sept
Total 24
PPAG (NTP) 3 NTP
NTP 12 SCW
PPAG Needed 9 Approved.
BJM

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

7-25-01
Started set-up of Plant Sampling - will work from Squir R. to main site (5)

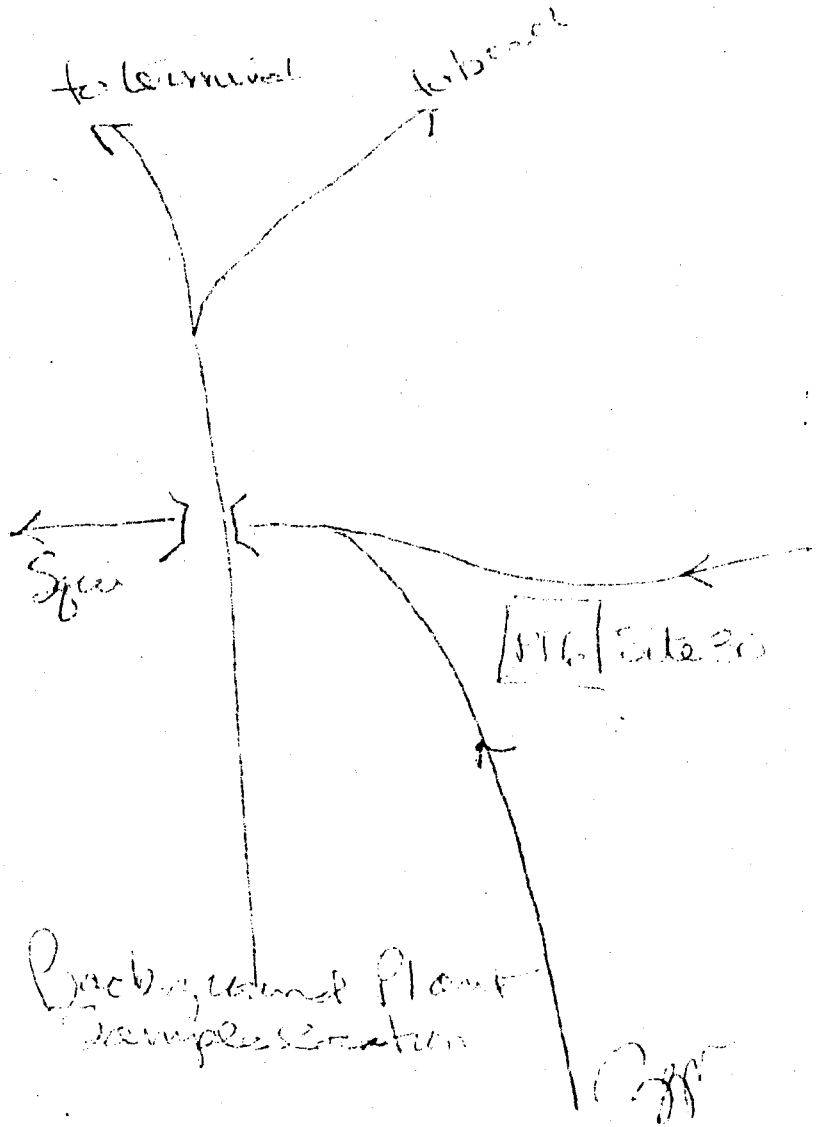
Five primary areas identified
PT-1 near intersection of Squir R. & outlet of DB
Moving S. - PT-5 is below Site II the former fuel tanks,
PT-6 is the background sampling location
S. of road near Squir R & far from drainage (paralleling the main road.

Setup week #3 to purge

BJM

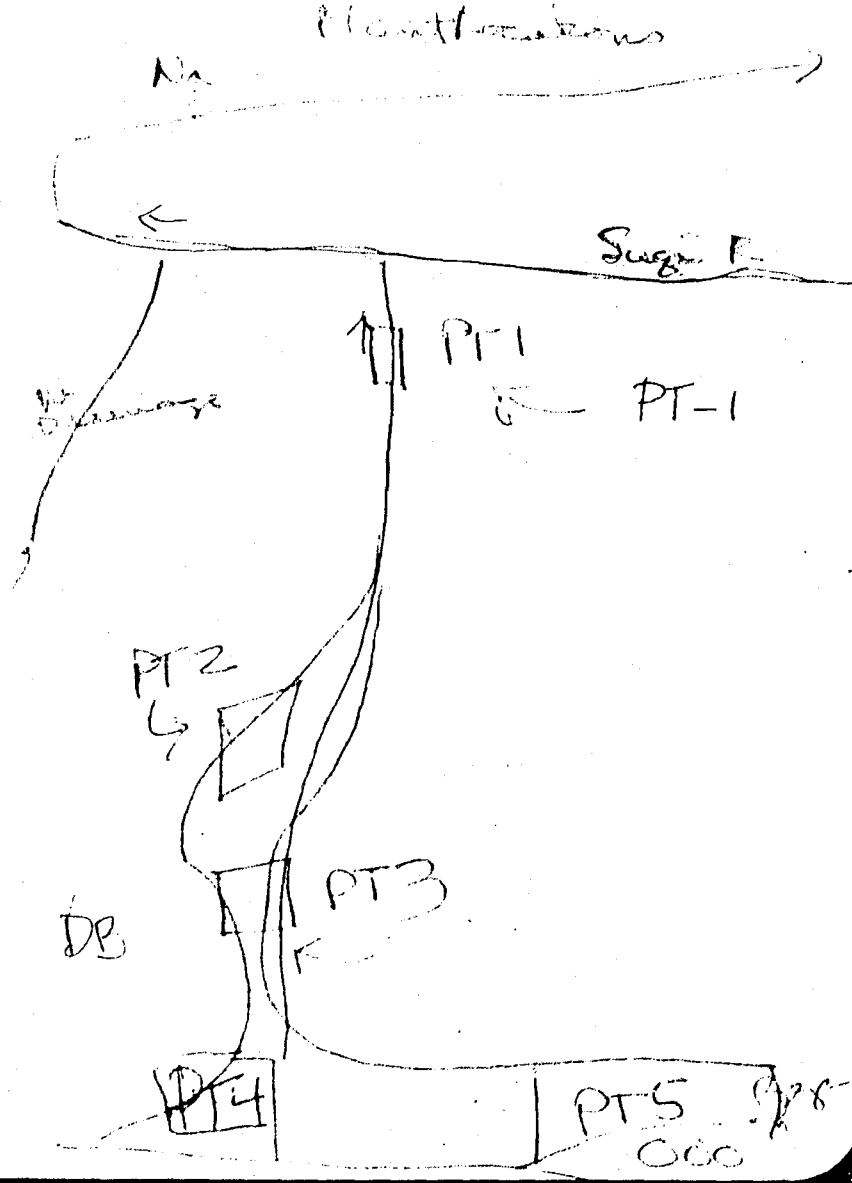
USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

7-25-01



USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

7-25-01



USACOE
Northeast Cape, St.. Lawrence Is
1850574.260120

7-25-01

Plant (FieldID) Collected

Ref.	Riendeer	Loc
1.	lichen, white	PT 5
2.	lichen, yellow	PT 3
3.	lichen, shawlike	PT 3
4.	low bush	PT 5
5	moss, green	PT 1
6.	moss, bright green	PT 4
7.	Flowers, pink	PT 2
8	Flowers, blue	PT 3
9.	Flowers, yellow	PT 5
10.	lichen, black	PT 5

Stakes naked

Loc	—	Ref.
PT 5	-1	(lichen white)
PT 3	-2	(lichen yellow)

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

7-25-01

Ref.	People	Loc
11.	fluffy flowers	
12.	greens	
13.	cotton like	PT 5
—	low bush stemless	
14	fireweed flowers	
15	spiny like, woodstakes	

(14 & 15 abt foundation Site 29)

Grasses

16	rye	PT 1
17	rye	PT 3
18	rye	PT 4

Back ground PT 6

19	lichen, white
20	low bush
21	greens

Berries (Aug-Sept)

22.	Blueberries
23.	crowberries
24.	Salmonberries

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

7-25-01

Level #3 Sample ID
01 NE 35 GW 103
Very Buggy - Pump pulled
7/24/01 - casing = Steel 7" dia.
covered dense pump pulled.
25.57 gal / Vol (See pg 13)
7/25 V 28.25 D.T 43.22

Time	Vol	Temp °C	Sp. Cond (mS/cm)	pH	Turb
1205	5	2.5	540	7.71	60.5
1245	60	2.7	541	7.73	70.2
1402	120	2.8	511	7.67	96.1
1700 *	130	2.7	513	7.61	55.8

Start ** °C 25 **
Must pulled w/ water & clearing
at sample: DO 9.7 mg/L
Sampled w/ Teflon bailer, dup.
D&G/BRO, Sed/Beta, metals - rgt after.
Temp Blank 01 NE 35 TB102 7/25 @ 700
Org/Bet * - Redox - 48.3 mV
metals filtered w/.45 m/c disturbed.
Equipment decon 7/25/01
Cage 01 NE 04.
Prepare for shipment.
2245 End day.

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

Thursday
7-26-01
Re-[illegible] for Completed
TB's [illegible] Point GPS
Packed Away Equipment.
pH Buffers 10 4 7 STD
Sp. Cond. STD 1413 = 1417
Temp 3° temp 21° = 21° ASTM
Turb Nephelometer 52 gal = 52.4 NTU
DO Winkler Fixed Zero = Zero

Prepared bottle lab-
pack Idaho #4.

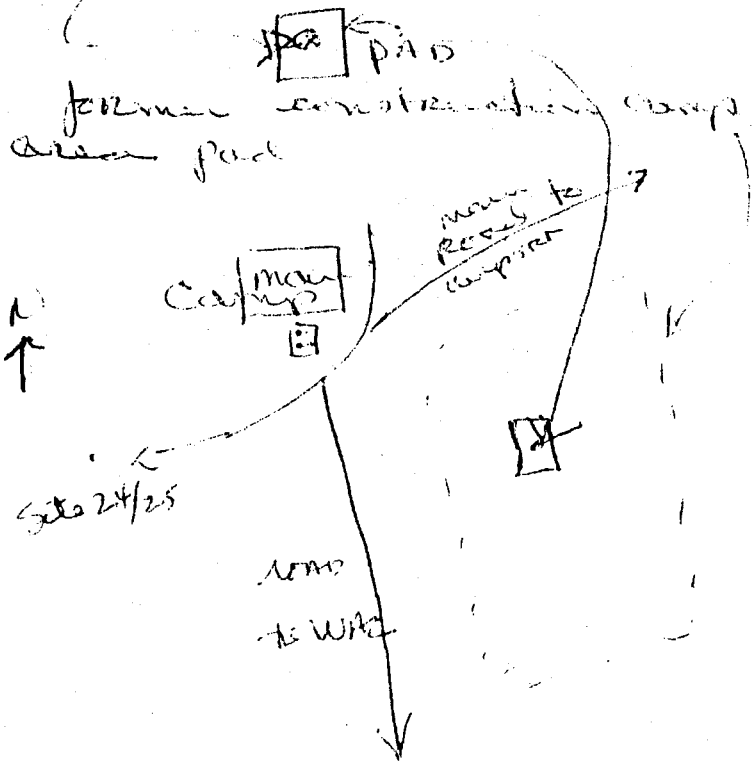
dissolved metals filtered
w/ peristaltic pump w/ .45 m/c
filter (new)

Equipment decon 7/26/01
Each vessel has
dedicated Teflon Purging
Pump. Will return to Anch
for decon.

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

7-26-01

Well #4 location



USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

7-26-01

745 start purging at well #4 — Sampled ID. 01 NE 35 GW 104 @ 9 AM
Dr/Red, Gr/Blk, Natural diTD
Dissolved metals filtered 0.45 Micron
▽ — 25.65' D T 57.85' Stickup 1.10'
Pump pulled 7/24/01 by Nugget, to be decommissioned by Nugget Casing 8 in. dia. steel.

Time	Purge Vol	Temp. °C	Ec umhos/cm	pH units	Turb NTU
800	10	3.4	474	7.56	36.8
820	50	2.2	462	7.51	5
840	100 +	2.6	473	8.07	58.2
900	156 +	1.7	432	7.85	56.1

DO: 8.2 mg/L
redox: -51.1 mV
Water clear — No sheen, no odor
Pump set top 5' Water sampled w/ Dup. teflon bailer
Sent to lab Cat C 01 NE 004.

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

7-26-01
Bird pressed plants for Vouchers

(3) White strain lichen and 12 gr. - picked all that was available. PTB

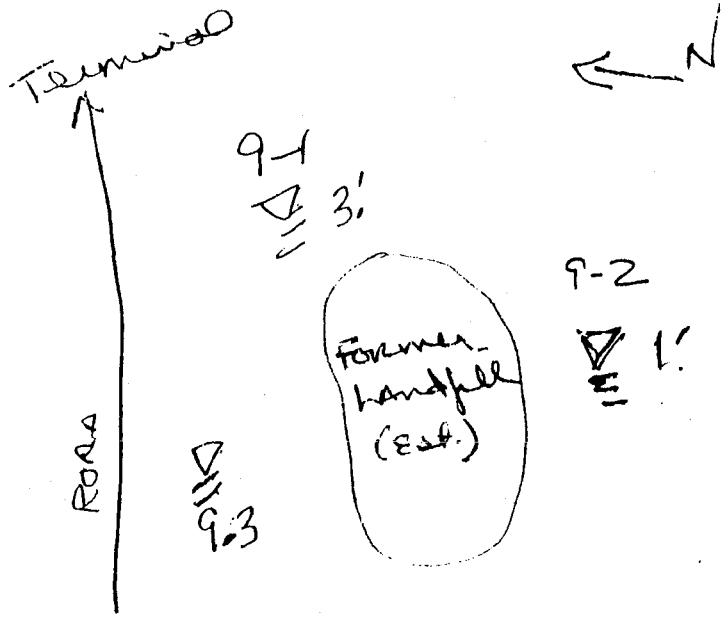
Call Lynn concerning and of plant samples of lichen
Lynn called back - recovery OK for plants

Prepared samples (plants to take back as checked bags.

Prepare Water Samples for Shipping
Primary 4 coolers
QA 1 coolers
To be sent Overnight from Norke
BBM

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

7-26-01
Site 9 - Previous MW observations & conditions.



9-3 PVC Jack 1.3' seal tight
9-1 PVC Jack 3' seal broken
9-2 PVC Jack 1' seal tight

BBM

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

7-26-01
Packed equipment
Stay on site
Return to AHK
Everything left on Pad 17
1510 Berring rec'd NEC
Key ring
2 - Fastac chamber
w/ carbons
2 - M17 w/A
w/ carbons (5 pc)
range finder (8 pc)
binoculars (7 pc)

1605 @ NOME
@ AK HUB
left AK cargo
left Nome
ARI # 17204423 (4 pc)
Sand 17204563 (1 pc)
1715 CK in flight @ 2005
2200 arrive ANC

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

Info only

Plant ID
01 02 29 PT X YZZ

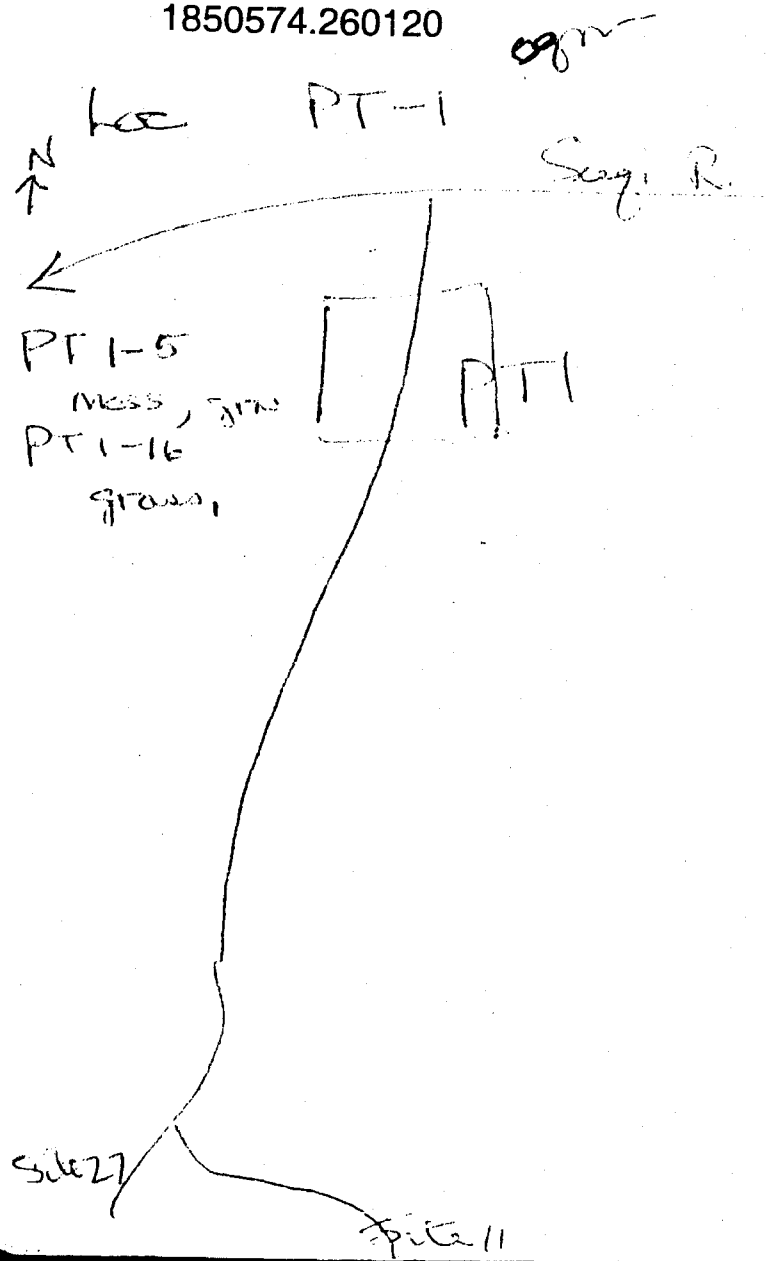
Sample loc (1-6)

Prem 1
Grt
GC

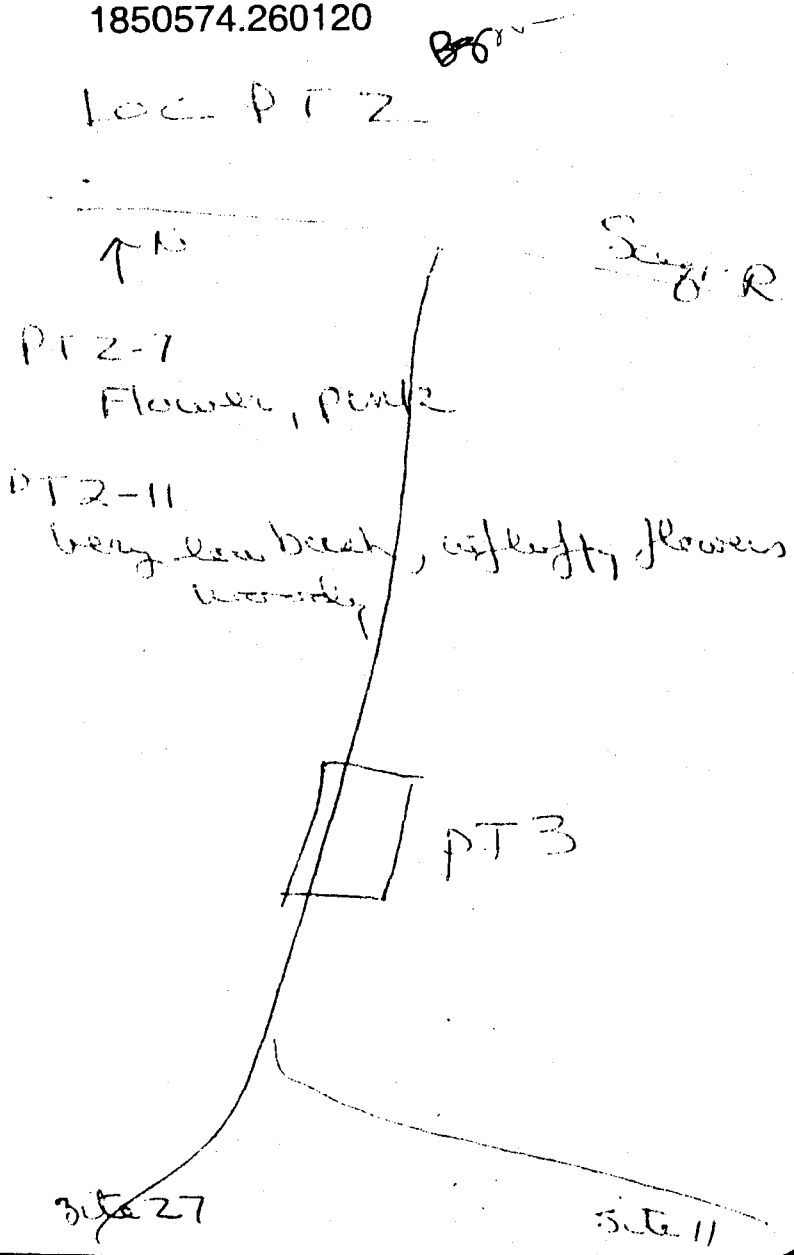
Sample log numbers
01 - 06

Reference numbers =
plant count assigned
numbers See pg. 22 & 23

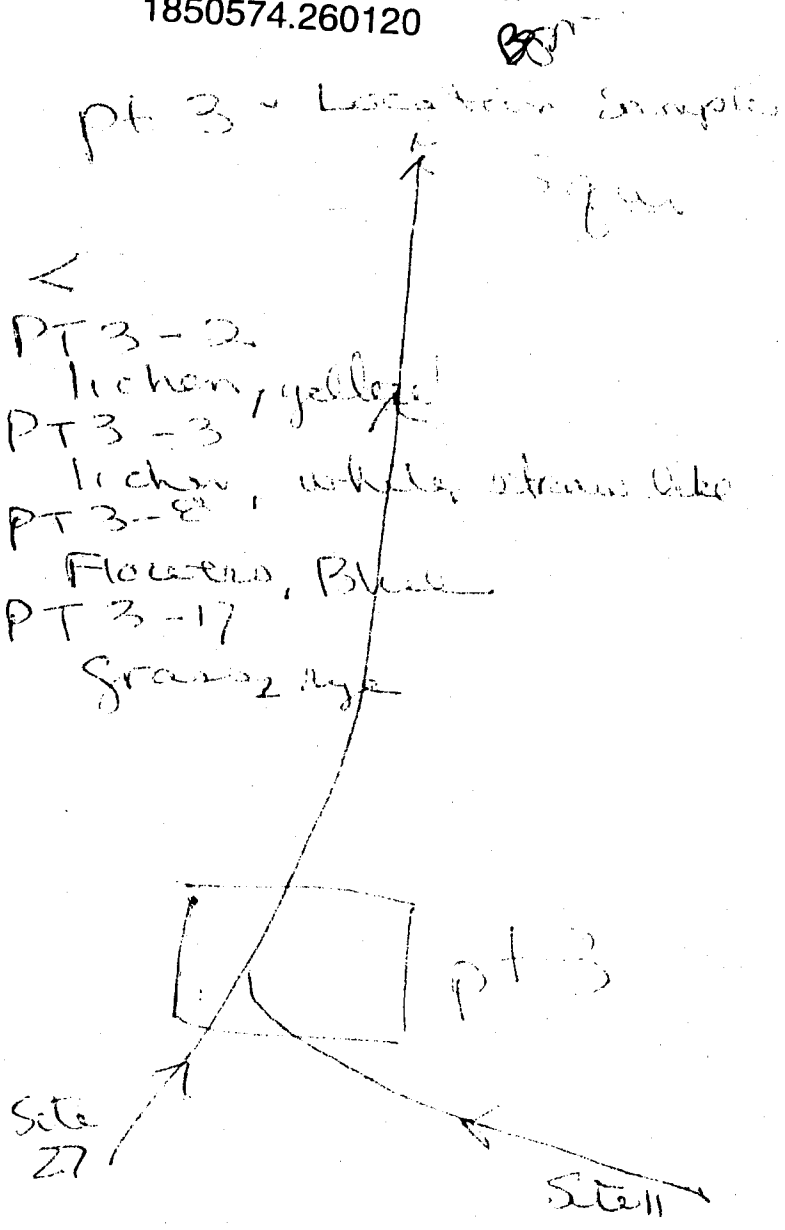
USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120



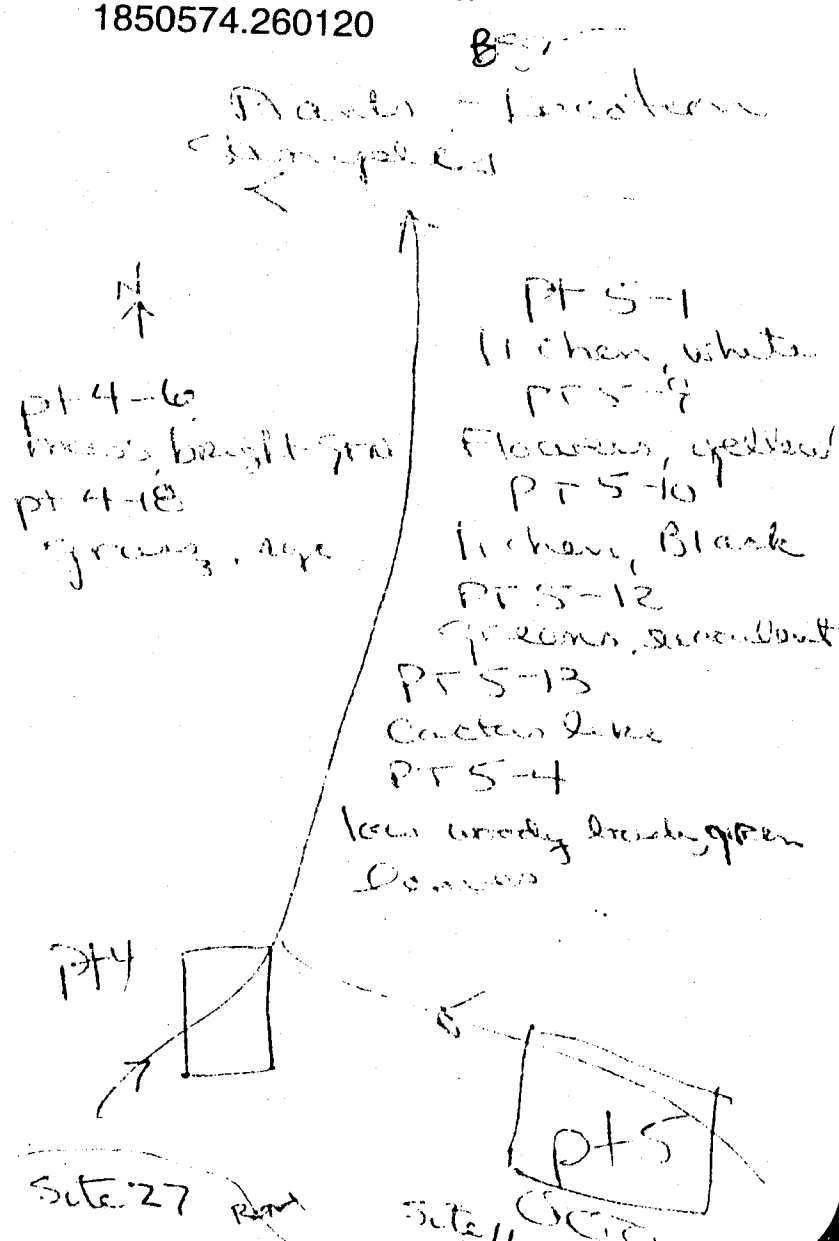
USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120



USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120



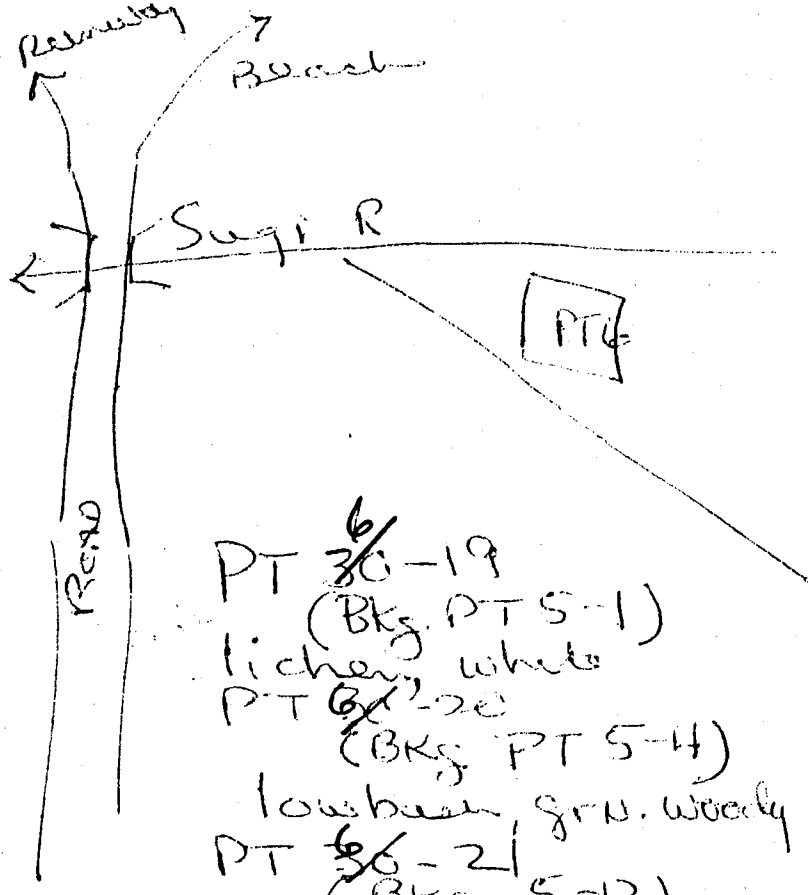
USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120



USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

BGM

PT 6 - Background #3



PT 6/36-19
(Bkg. PT 5-1)
lichen, white
PT 6/36-20
(Bkg. PT 5-11)
lowbush, grn. woody
PT 6/36-21
(Bkg. 5-12)
greens, succulent

BGM

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

BGM

8-T-01
Prepared C of C
for archive samples
for ENRI
Delivered to ENRI.
Field Report / notes
completed.

BGM

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

2001
TRIP 2

BASE Sampling
Effort

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

8-17-01
0800 left FEK, arrived AIA
0920 left AIA
1210 arrived NEC
1315 Left NOME with 1 Sly MW 880 # cargo & 4 cases baggage 152# for Nugget
1410 arrived NEC

Completed Safety Briefing
Sorted & stored Equipment in Corner of Rm. 17 (Office / Boys Rm.)

Prepared bottles for CS1 #2
Review ATV Safety with all; Johanna

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

8-17-01 conducted initial operator trng.

ONly ATV - NOME Rental.

Spoke with Floyd he will go with COE fishers starting 7AM 8-18-01
Spoke with Larry Barrett COE - he wants to use Floyd since he actual has fished there steams recently (last few days)

7030 End —

12.5 HRS

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

8-18-01
0730 Safety meeting w/ NC
Floyd Kingeekuk Jr.
Carl Pelowook Jr. on site for bear Watch
Floyd will assist fishing part (NWA) and Carl will go with Gordy (COE). NWA Bicycle helmets & Vests for both
NWA had 4-55 gal drums fuel. 2-55 gal. drums have been used by NC to this date.

ATV(3) & 1 trailer provided by Toolie family.

0730 Complete Safety & daily task meeting

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

8-18-01

Prepared samples
sets CS 3-6 and PID
Calibrated w/ 100 ppm.
Site 6 - TP 6-1
TP 6-2
SD 116
SD 117

1030 at site 6
Nugget SK60 - backhoe
Debian In operation

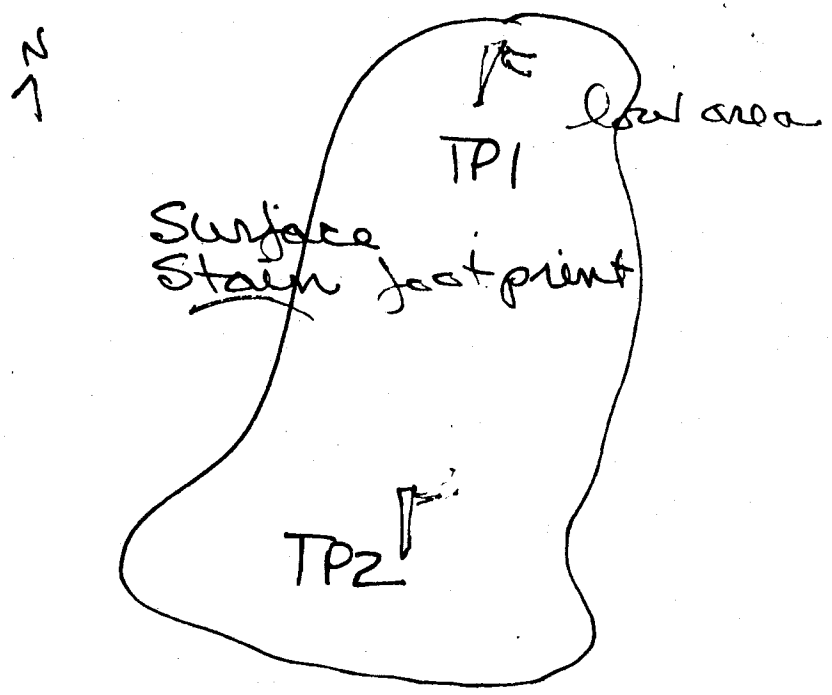
Collected 01NE06TP101
@ 4' Screen PID 107.
LAB → @ 5.3' Screen PID 37.0
▽ at 5.3.
Collected 5½' bgs for
LAB Sample @ 1100
ARI DRO/RRO, TOC
MS/MSD
QA @ 1110 DRO/RRO
SAS 01NE06TP301

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

8-18-01

ARI
QC 01NE06TP201
DRO/RRO @ 1105

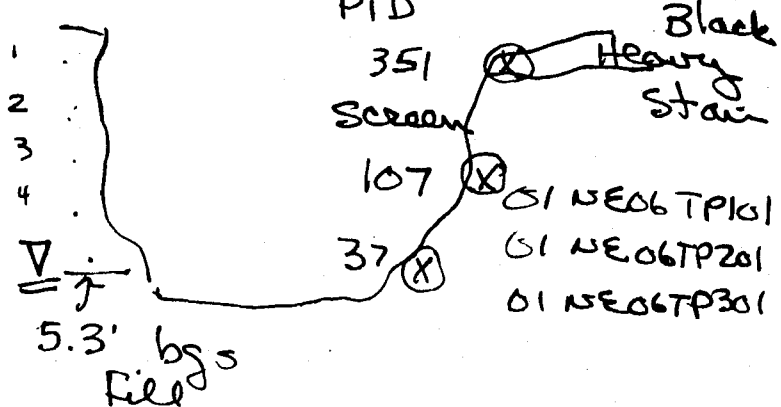
Site 6



USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

8-18-01

Site 6
TP1 - Test Pit 6-1

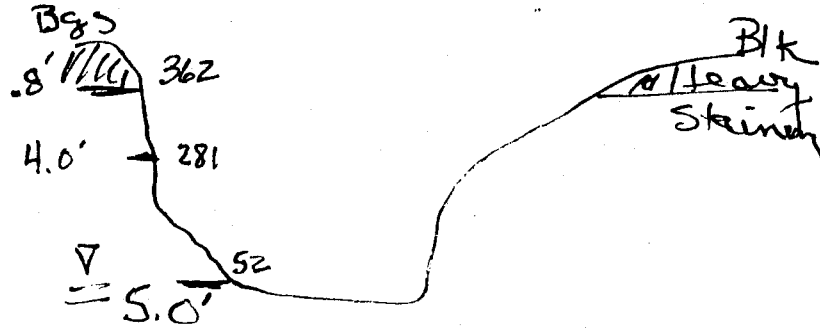


Large angular broken rock mixed with sandy yellow brown soil.
95/5%
moist to wet

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

8-18-01

Site 6
TP2 - Test Pit 6-2



Lab samples @ 5.0'
01 NE06 TP 102 @ 1200
DRO/RRO, TOC

Fill
large angular, broken, rock 95%
sandy, yellow brown 5%
moist to wet

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

BGM

8-18-01 Site 6
Returned to camp, prepared COC and bottles for shipping and gathered bottles for SD/SS samples at Site 6.

Return to Site 6 - SD sampling
the Ephemeal pond on the north side has been reduced to 30' x 60', exposing broken rock, no sediment was found.
A small low area which was a surface water drainage from the drum area to the pond was sampled:
LAB ID. No odor, No sheen
01 NE 06 SD 116
@ 1600
little soil was found; it (99%) was peat. Grab Batx needed 20 ml. to cover 10 g. soil.
MEOH

BGM

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

8-18-01 surface Drainage Site 6
historical pond footprint
01 NE 06 SD 116
Drum Field
Cargo beach Road
01 NE 06 SD 117 @ 1630
N
pond 2001
MW6-1
Destroyed
(dry this date)

BGM

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

8-18-01

Site 6 @ 1630 collected
01NE06SD117
DRO/RRO, GRO, Beta, PCB,
TAL metals

in drainage leading from E. end of fill, to sm. pond which drained to ocean, running along Cargo beach road.
5" of organic over rocky/silty sand (75%/10/15). Sample collect from silty sand zone 8" bgs.
No odor, no sheen
No sheen seen in pond when sediment broken.
Log. of 10 mo. MEOH
Return to camp prepared samples for shipping.

Bgm

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

8-18-01

1900 Todd Johanna & Eileen to main site for tour.
Completed reports.
End @
2030 = 13.5 hrs.

Bgm

ATV: Eugene
Marvin
Michael
Norne Rental
Trl: Eugene

Floyd	0700 – 2000	15 hrs
Carl	0700 – 1700	10 hrs
Backhoe of Operators Julian Ian		1. hr

Bgm

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120 BJM 8-19-01

0730 Complete daily safety meeting & task planning Nugget is not working today
0830 Floyd & Carl on-site have concerned with look of large fish being caught- Dir not caught.
Per Bill 2 have been looked but lost.
Trash to burner.
930 Prepare for sampling Sed/SD @ Site 7

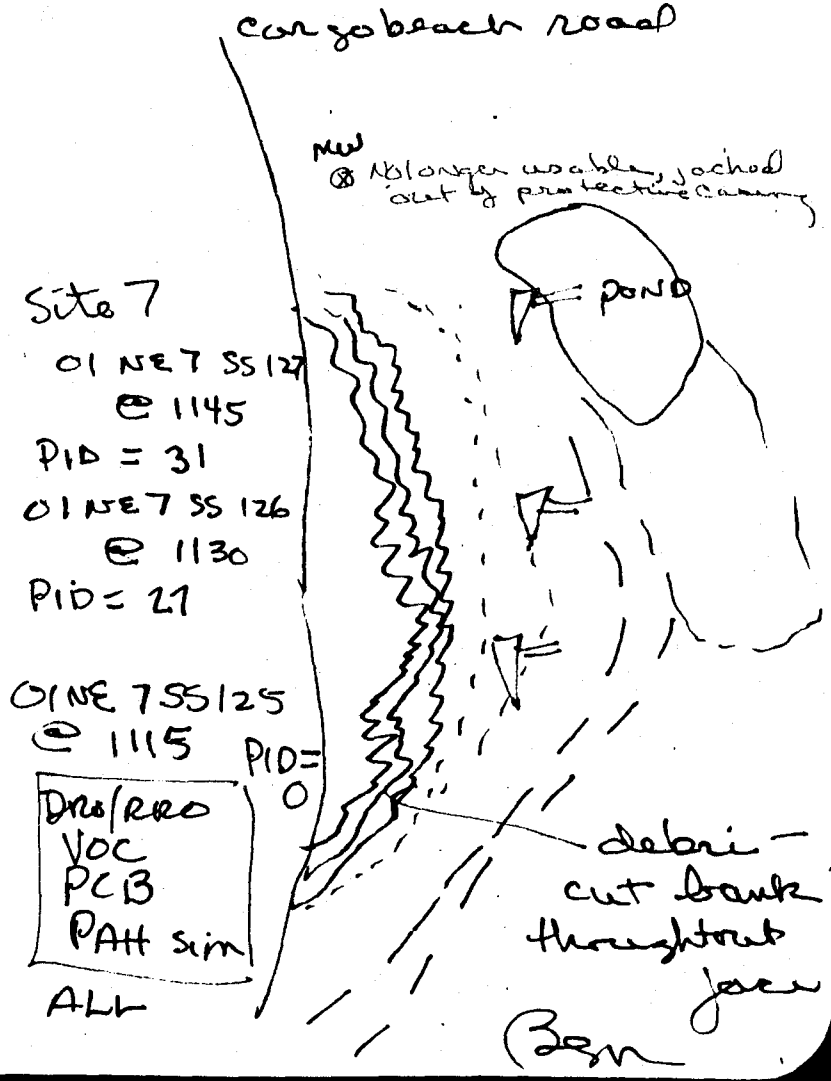
Cal. Equitment	STD.	Read
Turb. 2100P	52	51.9
pH Beckman 11	4 & 7	4 & 7
C-S-T YSI 33	1413	1399
De 700 (DO)	Zero	0
	100 %	100%

Will use Nugget ATV
Eugene o/b today.

BJM

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120 BJM 8-19-01

1100 at Site 7 —



BJM

USACOE
Northeast Cape, St.. Lawrence Is,
1850574.260120

See insert pg 53

BgM
8-19-01

Surface Soil Sample @ 1130
01 NE 07 SS126
collect 0-.5' bgs
w/ S.S. spoon (disposable)
PID reading = 27 ppm
Dark red, moist
med. sand, rust particles
mix. Sampled for:
DRO/RRO, VOC, PAH, PCB
TAL metals; 10mg in 10 ml MeOH

Surface Soil Sample @ 1145
01 NE 07 SS 127 collected
0-.5' bgs w/ disp. SS. spoon
PID reading 31 ppm
moist red to fine dark brown
reddish, highly organic with
plant roots. DRO/RRO, VOC, PAH
PCB, Tal metals; 10 mg soil in 10 ml MeOH
1215 Return to camp; place
samples in cooler.
Prepare for SW/SD at Site 7

BgM

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

BgM
8-19-01

insert pg. 52

Surface Soil Sample collected at
1115; 01NE07 SS125 with
new disp. S.S. spoon; 0-0.5'
bgs. PID reading 0 ppm.
Dark red, moist gravel (rocks)
w/ sandy silt; rust particles
mixed in. Collected soil for
DRO/RRO, VOC (10 ml MeOH w/10g
soil) PAH, PCB, Tal metals.

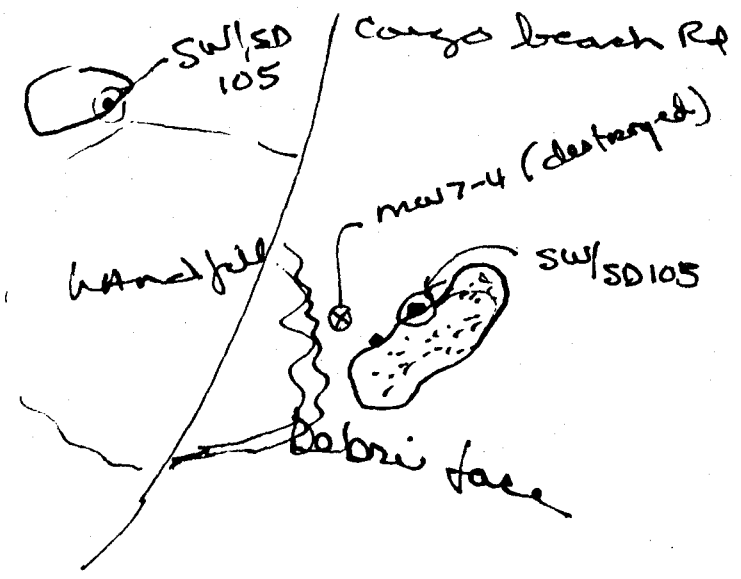
BgM

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120 BGM 8-19-01

1305 arrived Site 7, N. side small pond intersecting with landfill debris; pond is 1/3 original surface area; rock bottom, very little sediment small patches of water grasses surrounded by flora
Collected SW w/ new disp teflon dipper; water depth est. 1-1.5'
Samples collect off surface
Clear, No sheen, no odor;
1330 01 NE 07 SW 104
DRO/RRO/gro/BTEX, VOC, PAH, PCB, metals tal; collected after.
WQ measurements completed.
DO 10.2 mg/L
Turb 22.1
Redox -6.8
pH 7.21
Temp. 8.°C
Cond.(Ec) 401 umhos/cm
1335 leave camp

BGM

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120 8-19-01
Site 7



Travel to S. side
MW 7-4 jacked out casing 2.5'
pond much smaller than former years.
Selected area where drainage from landfill enters pond.
Pond covered with grasses & plants.
Only 0.5' deep; bottom heavy organics & silts.

BGM

USACOE
Northeast Cape, St.. Lawrence Is. 8-19-01
1850574.260120 BJM

Site 7/105

Collected SW at surface w/disp. teflon bailer; will do VOC, Beta, gro DRO/RRO, PAH, PCB, metals @1500. 01NE07SW105

WQ Parameters

DO	~~10.2~~ BSM mg/l 12.6
Turb	149
Redox	4.5
pH	7.84
Temp	6.2
EC	505

SD collected @ 1530 w/ S.S. disp spoon
Brown silty sand, rocks throughout (4.5")
01NE ~~SD07~~ BJM 07SD105 primary
DRO/RRO, gro/Beta, VOC, PAH, PCB.
Back to camp to pack for shipping. @ 1730

BJM

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120 BJM 8-19-01

1930 Fire Alarm exercise
1945 Prepare 15 coolers for primary lab and 2 coolers for QA
Daily Report
End 2230 — 14 Hrs

ATV Minium, Michael, Neg.
Trl.: Eugene

Bear Water
Fuel 800 — 1800
Cook In 800 — 1800

BJM

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

8-20-01
BGM

0700 Safety Mtg. Nugget
0715 Safety Mtg. Nuiqsut,
Daily tasks Mtg. —
Pack & ship 95 primary lab
+2 QA coolers
CofC's signed

0800 Called Bering
will charter Kdy air
for diff. 20ST @ NSA —
Nugget had coming
1000 moved coolers to
runway —
complete reports,
faxed CofC's to Anch
Becky to FAX to labs.
1115 FAX complete
Called Anch-1 confirm
all rec. rec'd & will
Give to Jane W.
1420 Bering air arrives
coolers loaded
1230 Called AKAK NONE.
BGM

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

8-20-01
BGM

to confirm PRI PIK (15) &
gold streaks (2) are on the
way.
Prepare bottle sets.
Cleaned up office; Built ice
Bill bumps on 3-Large 15-18"
Dollys,
1430 at Site 16 - to confirm
Existing new 16-1, 2, 3 have
GW before labeling bottles
bgs. ▽ PVC D_T PVC steel
16-1 13.6 16.7 17.02
steel stickup 3.25' abs
16-2 unable to open, will
need wrench

16-3 13.85 17.27 17.45
steel stickup 2.81
1600
Stop at Site 35 - PT 5
pick 9 oz Barriers. & plant.
LAB ID. OINE 28 PT 5 107@1530
CROW, PUGUNGHAK
BGM

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120 BGM
8-20-01

1700 Return to camp, make up samples sets

Bill, H&S, says there should be an OSHA officer on site the end of week.

Call Jane need a few things –

4 Bx ZIP Locks, lg.	H-Bx. 4
6 Bx-Tape, 4 rl.	gloves, small
6 Bottles –	Eye wash
1 roll each –	stickers ↑↑ ; Fragile

Call Rich, leave message if we can send stuff with his charter Wed. Ask him to leave message at mw.

Eileen &
Doug need ~~need~~ faxed copies of medical q, 40-hr., & 8 hr resp. fit test.

BGM

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120 8-20-01

1830 Packing bottles, making ice

2100 Start daily report.

2200 End. Day 15 hrs

BGM

Bear watch, Floyd
0700 – 2130 14.5 hr

1. ATV Eugene w/ Trailer
2. ATV Michael
3. ATV Miriam

King air – $ bout NAj ~~#~~ King

- CROW ~~BERRIES~~
NATIVE name
"PUGHUNGHAG"
TO CAS, PAH, PCB, metals

BGM

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

8-21-01

0700 Safety Mtg. Nugget
0715 Safety mtg NWH
Prepare Samples set

0800 Call Anch-1
Req ① Doc DQ & Eileen
to be FAX
② MSDS
Confirmed coolers arrived
Seattle - 2/15 (flight 110)

Prepare Samples; completed
Sample Counts, Samples
Plan check list -
Set-up fuel delivery area
Travel to Nugget; ice
making
1200-1220 lunch
Prepared bottles; Fish Complete
Site 29 completed
Packed Coolers
Set-up MSDS binder
2120 End Day.

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

8-21-01

ATV
#2 Eugene
#3 Marian
#4 Michael
Trailer

Bear Valley
700 - 1730
7.5 Hr
Bill of Fish
700 - 1600
& prepare - Phe

15.4

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120 8-22-01

0700 Wind 48-50 mph
gusts 57 mph. Safety mtg.
Will not sample. Bell help
Tish, Nugget also down.
Prepared coolers for
sampling & shipping.
1530 Try to sample
9-10. Safety meeting (2nd)
RAIN w/ 40 mph. Call
back Melissa & Bell.
Unsafe conditions.
1900 Clear, no Wind
Call Bering they will have in
@ 2100 to pick R coolers
pack: 15 primary
2 QA
2 CAS - fish & plants.
Bering arrives
@ Bell DQ, & I load plane
Start Ice marking, clean
up bottles & coolers
which were moved
Storm.

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120 8-22-01

Equipment & coolers full
Water - start drying out
stuff. Throw away towels
gloves & baggies.

End. 2230. 15.5 hrs

ATV & Marium, Michael
rental
Thle. Engeen, rental
Bear Watch 4 Hrs - Floyd
Field Tech Notes

1 - NAJ. 1-P

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

0700 Safety mtg w/ Nugget
0715 MWH - completes daily safety & planning mtg
Reviewed time sheets, field notes, and field forms.
Straighten office, connex, and storage for COE visit
1015 Lisa, Rich, & Gerald arrive
Spoke with Lisa about fish samples. All collected & shipped to CAS (2 coolers). She seems happy. She will take other fish & "special" water/sediment samples. COC completed & cooler packed for 1700 departure.

Doug, Bill, & Floyd went to Top Camp
Melissa & Johanna went to Site 16
Eileen & Johanna prepare Ship bottles
I prepared sampling bottles

Bgm

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120 8-23-01

Bgm

1115 Tracked
GoPRI to SEA
to ARI 2754 1135
Plu @ 825, 8-23

to CAS arrived PPK
@ 450 pm on 8/22
17204600 & 17204596
to Sound
17204692
17204541
FAX info to Anch
1410 Bruce arrives
Completed Safety briefing
ATV driver training.
I went w/ him to old sites & kept 24 & 25
Floyd & DG went to 33 & 34 w/ Bruce.
He thinks he will be able to leave w/ Eileen 8-24-01 Friday.

Bgm

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120 BJM
8-23-01

1700 at mob, Prepared all sample sites
1900 Bird w/ Bruce to site
Got grocery order for Marie to ship out 8-24-01
Prepared coolers for 8-24 - Shipping

7- Go PRI (ARI)
27541080

2- Second GS 17204342

FAXED Notice to Anch'l for relax to 1 Abs.

Prepared ice coolers, and completed sample sets.

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120 BJM

8-23-01
OSHA compliance officer on site.
COE on-site (Cd. P)
Reviewed of training doc & MSDS completed. NO cites.
Viewed work areas, NO comment.

Friday 8-24-01

0700 Safety mtg Nugget

0715 Safety mtg - mud

Prepare for WP - Bruce, Doug & Floyd to site 31, 24, 25

Shipped 9 coolers.

Eileen & Bruce will leave at 1600 with Bering.

1300 Bruce & Floyd leave to visit Tap River, Lagoon, & Sax river.

Review sample counts vs requirements w/ Eileen.

BKg (site 30) complete (except WP's), site 21.

1400 Doug starts screening (PCB)

1605 Berngair - on site

1630 Berngair off to NOM

1645 confirm w Don Melcher in Nome, will be out 8-26-01 1 pm. flight

Prepared field notes.

Floyd off 1600 - 1830.

1830 Doug & Floyd to site 31/32 & 14. to collect lab samples from screen results.

Cont. the ice & bottle prep.

Daily Report completed

End day. 2230.

Doug not returned. call on radio, OK still working @ site 32.

NEC COE
8-25-01 Sat
0700 Safety mtg - Nugget
0715 Safety mtg..
plan for today
Doug & Bill will work at well pt Melissa will Collect WQ parameter info.
I will collect samples
Johanna will process samples and prepare coolers for shipping

load freezer with unfrozen ice
Prepare equipment
Cool NO wind = Bugs
940 (See note Pg 76)
Arrive at Site 3
Collect samples WP 2, 3, 4 (see pg 73)

Move to Site 4
1500 Melissa not feeling well
reaction on mosquito bite.

Sampling 8-25-01
WP Site 3, 4, 6 (part)
See Melissa notes for WQ info
8-25-01 — DRO/RRO only

Loc	WP	Sample ID	@ Time
3-2		OINE03WP102	1015
3-3		OINE03WP103	1045
3-4		OINE03WP104	

Stickup 2.5' ▽ = 4.02' btc D_T 6.27'
All Site 3 = DRO/RRO
8-25-01

4-2	OINE04WP102		1200
Stickup 3.32'		4.50' btc	D_T 6.25'
4-3	OINE04WP103		1345
		▽ = 3.45' btc	D_T 6.35'
4-4	OINE04WP104		1500
Stickup 3.26'		▽ = 3.49 btc	D_T 6.25'

ALL Site 4 = DRO/RRO

@ 30-1	OINE30WP101		1600
Stickup		▽ = btc	D_T

DRO/RRO, VOC, PCB, metal, natural attn.

WP 6-3	OINE06WP103		1708
Stickup 2.03'		▽ = btc	D_T

DRO/RRO, metals, gro/betx, PCB

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

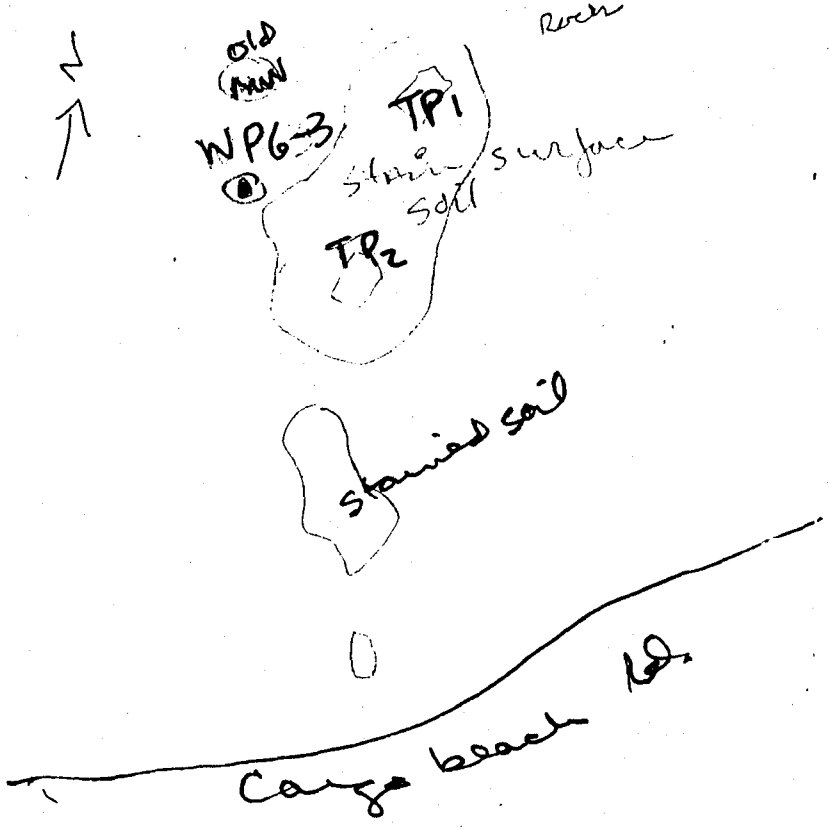
8-25-01

Site 6

WP 6-1, 2, 3
Locations

WP 6-2

WP 6-1 (Dry)
rock



N

8-25-01 measurements only

WP 6-1
stickup 2' ▽ 3.2' btoc DT 3.3' btoc

WP 6-2
2.31' ▽ 6.2' DT 6.01'
stickup 2.3' BTOC BTOC

WP 6-1 was attempted 3 times each. Dry resulted in refusal & destroying well point materials using all extra screens.

1800 return to camp
1830 prepare samples for shipping
Clean equipment used today
Pack for 8-26 work.
Well point installation.
2200 End day.

15 Hr.
4 ATV 2 TRL
0 air

USACOE
Northeast Cape, St.. Lawrence Is.

N 8-26-01 E 3W 1850574.260120

0700 Nugget safety
0715 mutt safety & daily planning.

Bee & Dorg start sampling at Site 9.

Melissa to complete water levels & collect parameters. (Add note for 8/23)

New YSI-85 meter failed to work after mike to Site 3.

It was operational during calibration by Melissa.

Melissa back to Camp Collett doesn't know how to operate YSI 33 See directions on back. Turn on - wait 5 min for warmup and then it will read

8-26-01
0930 MW9-4 3-Constructed 1994
Seal tight, PVC jacked
5.71' b PVCC
11.21' DT
Stick-up 4.24' PVC
Water very salty, lt. brn.



USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

8-26-01
Site 6
WP 6-1 – dry
I collected a SW from pond N. of site
DRO/RRO collected @
1100 01NE06 SW 116

very tight silt
1200 WP 9-103; ~~Very tight silt to 89~~
Only able to Collected 360 ml. then
dry; NO recharge within 15 min.
1240 Collected 500 ml. –
dry again
1300 collected ~~of~~ water from WP 9-103
1315 Collected water from pond - 25' E. of WP9-3
. Now replace sample set as 01 NE 09 SW 112
for DRO/RRO, PAH, PCB, gro, VOC.

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

8-26-01
Note from Bill
1st WP 104 – will not produce enough water for 1/5 hr
to fill 500ml bottle after
initial purge dry
Attempt at WP 103
Collect sample at pond
E of SW
1115 01NE09SW111
DRO/RRO, gro, VOC, PCB, PAH
Metals
by Bill.
1145 Bering air on site (NAI)
with Dirk Mulligan (St Lawrence
Sanitary staff
Darcy, Johanna, Melissa
prepare to leave.
14 coolers being shipped
to person denoted to 225#
including body.
1530 Darcy & Johanna
ready. Relay Roosevelt
1615 Melissa ready –
fog lowering
Bjm

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

8-26-01

1620 Bering leaves
Reviewed safety & comp
rules w/ Don
Review site location pts
Provide copy of completed
maps of all sites
Carl (Beachbitch) ready
at 1600, cashed to stand by
Don ready at 1830 Bell
& Carl acclimp to site
24/25, lower Wtc, 31.932.

2130 Team returns
Complete prep of 6 of 8
coolers for Mon shipping
2230 End Day

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

8-26-01

14 coolers out 8-26-01
11 Prum
2 QA
1 COE

Bear watch – Carl
1600 – 2130

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

8-27-01
TD Nugget briefing
Tow Safety mtg
Don, Bill, Floyd to Top Camp
I started sorting equipmt
ANC, GAm, & to stay for
Sept. work.
Shipped 8 coolers to PRIM.
FAXed to Arch COC

Continued to pack equipmt.
1300
Floyd & Don to do DB & Sugi P
to Lagoon
Bill continuing sampling
Site 9 & 1.
1900 Bill & Don to site 16 & 21
2140 Back
2200 Email
Chg start time to 730
because of lighting

Bgm

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

8-28-01
700 Fire drill
730 Nugget Safety mtg
800 Safety mtg
Don & Floyd continue
survey Sites 3, 4, 7, & 9
Bill continue to sample
I continue to pack,
Prepare 6 coolers for
Shipping on Nugget pm
Packed & inventoried all
equipmt to stay; Ice (2 bx)
in camp freezer, stuff in Rm
17, & coolers with ice outside

1430 Bill & I start vedio
of 2001 work & Roadcut
Dandfill Site 7

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

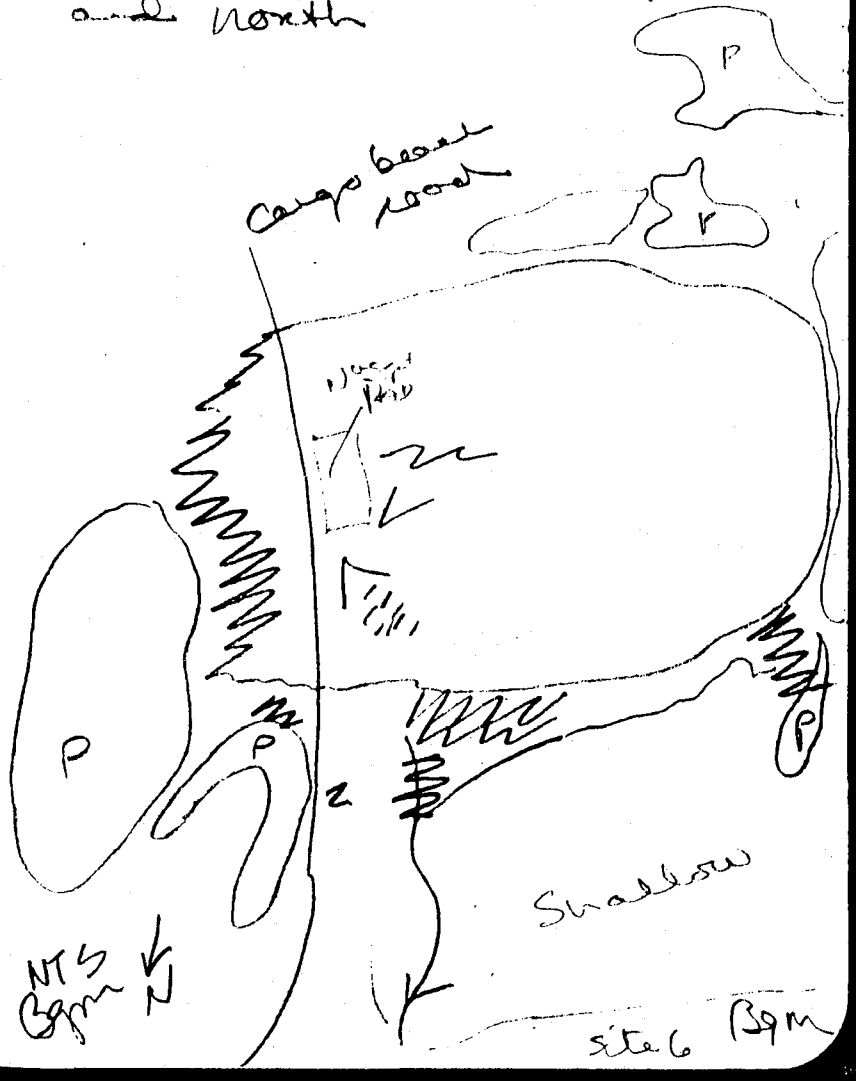
BJM

8-28-01
Site 7 -
little veg. cover on main site but debris sticking out holes occurs.
The north toe exposed of large metal debris; airplane, wreckage body East side, wall & debris Nugget started removals filled quota & stopped. This area has most Exposed debris and soil; erosional capacity high
This directly linked to a surface w

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

BJM

8-28-01
Drainage to east pond and north

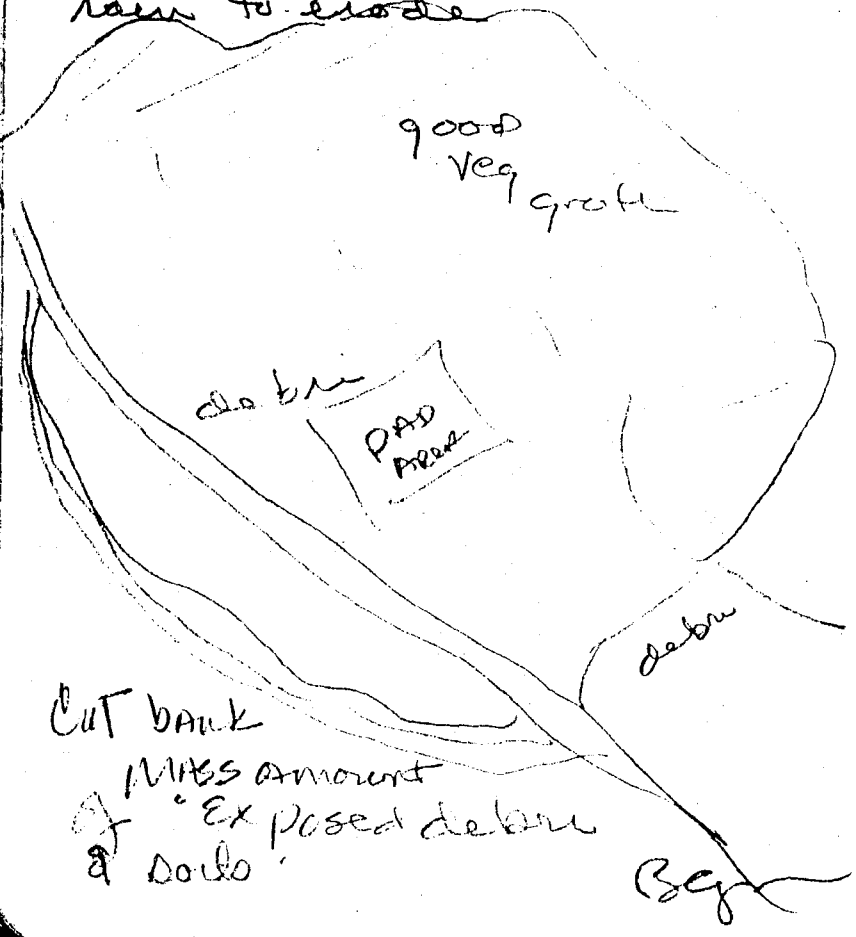


USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

8-28-01

Site 7

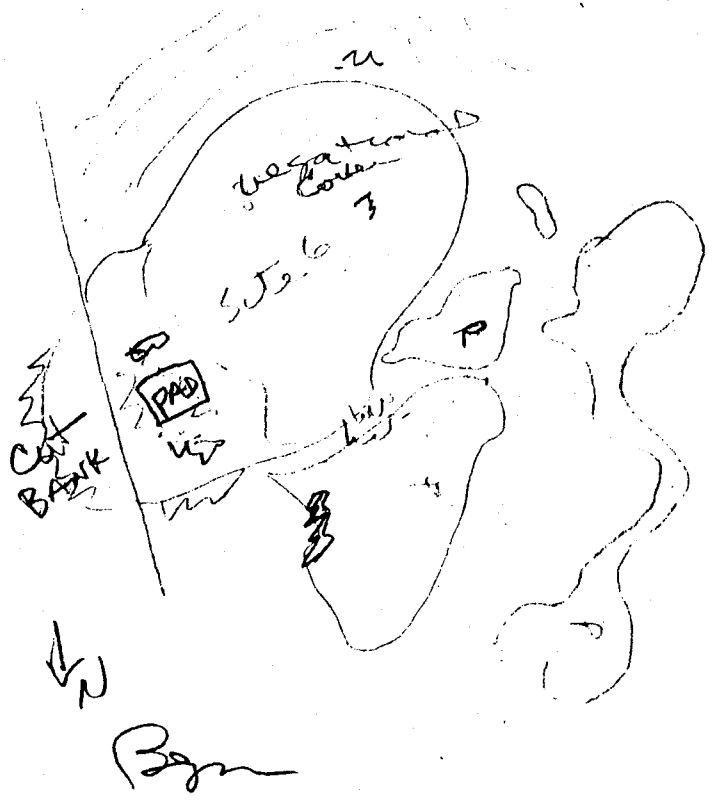
Nugget removed the exposed drums, leaving drum size holes, allowing rain to erode



USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

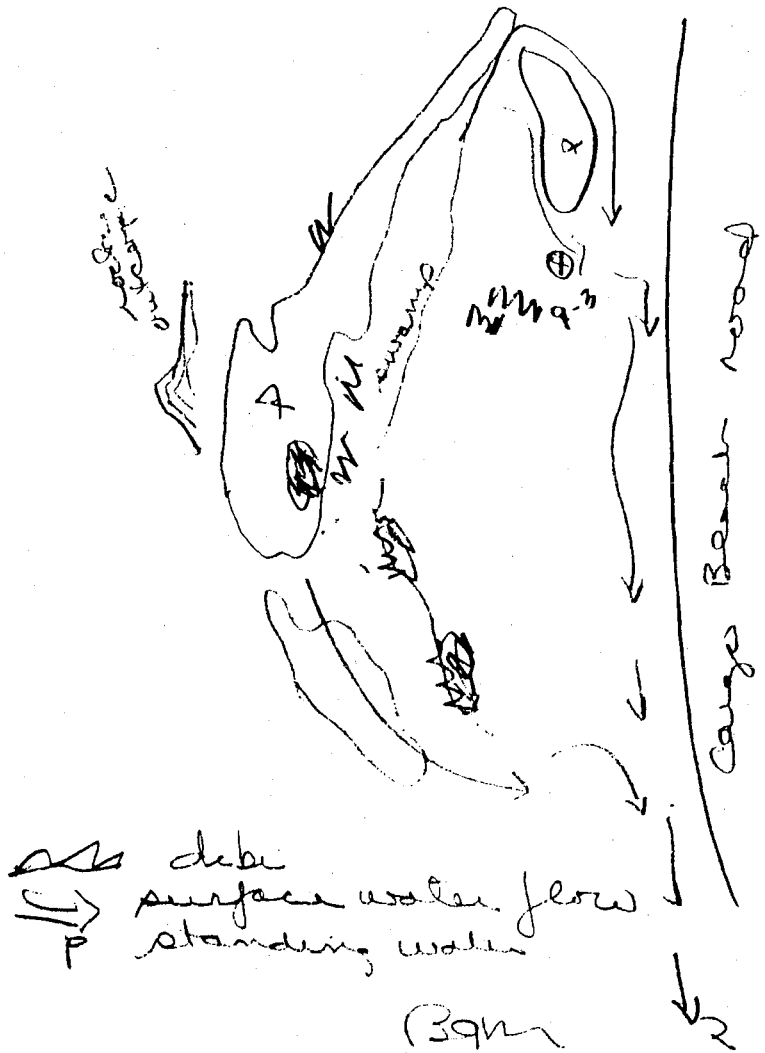
8-28-01 Site 7

Small pits well covered little debris showing; well veg.; Exposed barrels on east cut and on top (pad area). Nugget removing Exposed barrels.



USACOE
Northeast Cape, St.. Lawrence Is. 8-28-01
1850574.260120 1620

Site 9



USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

Site 9

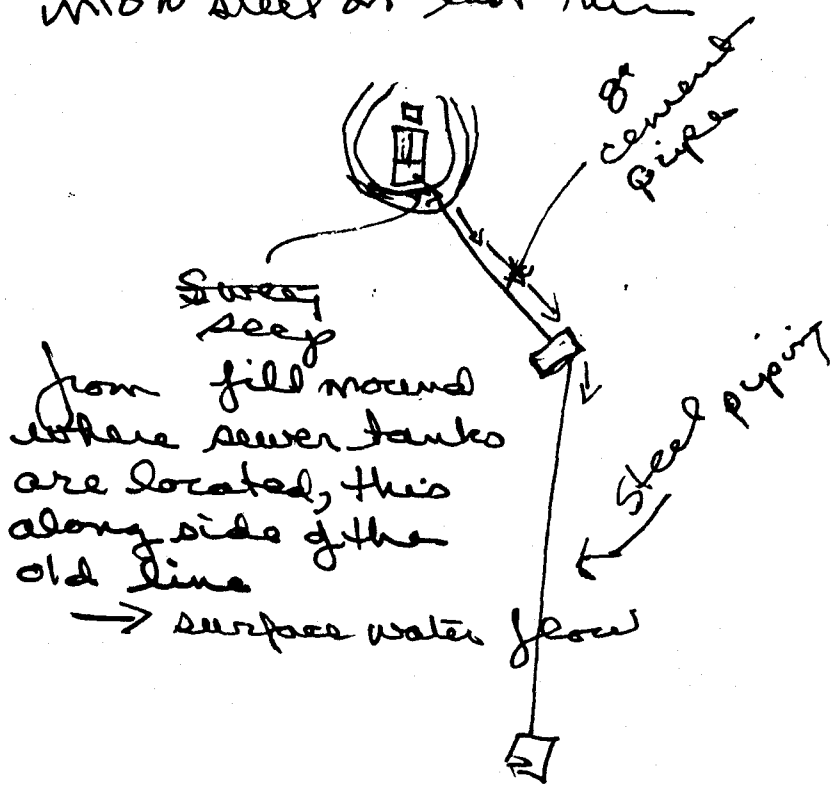
rocky; veg cover; swamp; MOST exposed debris near water bodies or on mixed rocky areas;
good veg growth... no exposed soils, stable topping.
Bill took videos & I took still photos
Donald complete site survey
We started videos of remaining sites week sampling scheduled in 2001

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

NEC
8-28-01

Site 2

The first run of outfall piping is cement (CSCM) 8" runs into 10' steel as last run



Seep from fill mound where sewer tanks are located, this along side of the old line

→ surface water flow

Bgm

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

NEC
8-28-01

Completed Bear Watch and ATV rental accounting for Eugene and Floyd. Sandi had NAJ today - Stephanie today & MB.

End 2100

Bgm

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

NEC
8-29-01 ... [illegible] safety
0900 MWA Safety
Floyd arrives to estart
Bill to site 24/25, 31 & 32
Dan to complete Survey
for Sandi (pipe removal
sampling location &
site 36)

Complete packing drain
gas from rental ATV
Washed both trailers
Called Pat @ Morgan Sales
that ATV & trlr should be
in Nom Thurs. 8:30 at
Bering Air. He will call Bering
for P/U.
Call about sealed bearings
for Eugene's 450 Honda.
Unable to locate in Nome
will get in Anch.

1020 Bill & Floyd back
Completed time accounting

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

NEC 8-29-01
for Floyd [illegible] to confirm if MWA sends Ck directly to Floyd or to SNC.

Continued packing;
Inventoried GAM staff
all pkgs flagged w/ red
tape # labeled w/ pink add.
label;
NEC 8-01 staff staged in
Rm 17 & S-End of Camp Bldg.

Weather still down
Charter delayed
until 6 pm

until 7 pm

arrive 7:15 pm

in Nome 8:10 pm
All set held, leave
Nome 8:20 pm. Arrive
Anch. 9:55.

DURA Rite
WATERPROOF

HORIZONTAL LINE

Waterproof Notebook
No. 691

Aug 17 – 24 2001

USACE
Northeast Cape St. Lawrence Is.
MWH 1850574.260120
Eileen Maus Chemist

4 5/8" x 7" - 48 Numbered Pages

USACOE
Northeast Cape, St.. Lawrence Is. Aug 17 2001
1850574.260120

8am Start of Day Mob to NEC
Leave Anch 9:20
Arrive Nome 12:30
Leave Nome ≈ 1:00
Arrive NEC ≈ 1:30

2:30 Health & Safety meeting
Camp Ops.

3:30 Unpack and Setup
Connex/~~for~~ office/rooms

5:45 Dinner

Labeled and packed
coolers for sampling at
Site 28 - surface water bottles

8:45 END of Day

Ellen Mercer 8/17/01

USACOE
Northeast Cape, St.. Lawrence Is. Aug 18 2001
1850574.260120

7am Start of Day - Health & Safety + Tail Gate Meeting
Site 28 prepared Bottles
Cross section 1-4
Site 6 prepared bottles
TP 1, 2 & SD
Site 7 Surface Soils prepared bottles
Packed coolers - ICE samples

7pm - 8pm Tour of sites
7

Started COC# @ 01NEC004

samples collected to ~~date~~ ~~assume~~ due to July sampling event

	DRO RRO	PAH SIM	PCBs	Pb ENR	TOC
Site 28 SD samples					
primary	24	24	24	24	24
FD	2	2	2	2	0
MS/MSD	2	2	2	2	0
QA	2	2	2	2	0
QA MS/MSD	1	1	1	1	0
SW samples prim	2		2		
FD	1		1		
QA	1		1		
MS/MSD	1		1		
QA MS/MSD	1		1		

8-18-01

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

Aug 18 2001

Samples collected @

Site 6	DRO/RRO	GRO	BTEX	PCBs	TAL Metals
primary	4	2	2	2	2
FD	1	0	0	0	0
ms/msd	1	0 for ms		0	0
@4	1	0	0	0	0
soil TB (01NE00TB101)		1	1		

PRIORITY LAB 8/18/01 @1600

Continued to prepare bottles for sampling.
Cross sections 5-8 ready for sampling
Site 7 SS ready for sampling.

9 pm End of Day

9-18-01

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

Aug 19 2001

7:30 Tail gate Safety meeting
8:00 Continued to pack coolers and make COCs TRIP BLANK Water @01NE00TB102 PRIORITY LAB @01NE00TB102@1900
12 Lunch
12:30 Continued to pack coolers
5:45 Dinner
6:15 Continued to pack coolers
9:30 END of Day

8-19-01

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

Em 8-20-01
EileenMaus

Sample counts not including Site 28. Site 28 completed 8/20/01.

Soil	DRO RRO	GRO	BTEX	VOC	PAH	PCB	TAL	Pb Cr Zn	TOC
Primary	9	2	2	5	5	7	7	0	2
FD	1	0	0	0	0	0	0	0	0
ms/msD	1	0	0	0	0	0	0	0	0
TB	0	1	1	1	0	0	0	0	0
QA	1	0	0	0	0	0	0	0	0
QAms/msD	0	0	0	0	0	0	0	0	0
QA TB	0	0	0	0	0	0	0	0	0

Water	DRO RRO	GRO	GRO BTEX	VOC	PAH	TAL metals	PCB
Primary	9	2	1	2	3	3	9
FD	1	0	1	0	1	1	1
ms/msD	1	0	1	0	1	1	1
TB	0	1	0	1	0	0	0
QA	1	0	1	0	1	1	1
QAms/msD	0	0	0	0	1	1	0
QA TB	0	0	0	0	0	0	0

Eileen Maus 8-20-01

8-20-01
Eileen Maus

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

Em

Em 8-20-01

8

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

8-20-01
Eileen Mars

7am Start of Day
Tramp Safety meeting
Tail Gate safety meeting

Continue to pack coolers for shipping.

15 coolers to ARI
GO-PRI
2 cooler to SAS
Goldstreak

12 Lunch
1230 Prepare bottles for Site 29

Water Temp blank 01VEOCTB103 8/20/01
9c

545
~~530~~ pm Dinner
6:15 Pack coolers - clean up and make COC for todays sampling.

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

8-20-01
Eileen Mars

The weather has changed for the better - here comes the bugs.

Site 28 sampling is completed.
See next two pages for Sample count summary.

8-20-01

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

Eileen Mans 8-20-01

USACOE
N .heast Cape, St.. Lawrence Is.
1850574.260120

Eileen Mans 8-20-01

~~Soils~~ Site 28 final sample counts

Soils	DRO RRO	PAH	PCB	Pb Zinc	TOC	water	DRO RRO	PCB
Primary	71	71	71	71	71		6	6
~~Primary~~ FD	9	9	9	9	9		1	1
MS/MSD	4	4	4	4	4		1	1
TB	0	0	0	0	0		0	0
QA	9	9	9	9	0		1	1
QA MS/MSD	1	1	1	1			1	1
QA TB	0	0	0	0	0		0	0

Trip blanks
GINEOOTB107 @ A00 8/20/01 QALAB S45

8:30pm END of Day

8-20-01

8-20-01

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

8-21-01
Eileen Maus

7am start of Day
Camp Health & Safety meeting
7:30 Tailgate meeting
Drink more water
8:00 Continue to prepare sample labels - and sample counts

10:00 - Sample shipment made it to Seattle! Yee haw
Trip blank primary Lab OINEOOTB104 @1900
Soil
12:00 Lunch
12:30 Continue packing Coolers
Continue prepare Sample Bottles
5:45 Dinner
6:15 Clean up work area
Continue to pack coolers.
8:30 END of Day

8-21-01

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

8-22-01

4:30 am high winds
Shaking Camp

7am Start of Day
High winds - possible weather Day. Field work on Hold.
Tailgate safety meeting - high winds warning.
8:00 Continued Back checking Sample counts QA/QC/ms/msD
Trip blanks site 9 if weather clears soil
OINEOOTB 108 8/22 1100
OINEOOTB 109 8/22 2100
12:00 Lunch
12:30 Wind is ceasing Plane to go on and off Trying to return Lynn's phone call with questions for SAS. All OK - will Fax a revised COC when weather clears.
5:45 Dinner
6:15 Prepare paper work for Shipment ~~7:30 END of Day~~ Plane on to night.

8-22-01

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

8-22-01
Eileen Maus

~~DRO~~

7:30 continue → plane
Will be here in an hour
Checking COC's for
and ~~errors~~ discrepancies and samples.
Only minor discrepancies ~~errors~~. Made
Changes - ALL OK. Sample
Counts to date - not including FB

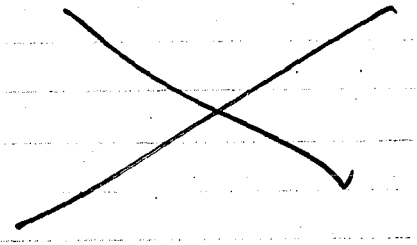
Soil	DRO RRO	GRO	BTEX	VOC	PAH	Pest	PCB	TAL metals	Pb	Pb, Zn, Cr	TOC
Primary	25	6	6	5	18	0	20	11	0	9	10
FD	3	0	0	0	2	0	2	0	0	2	0
MS/MSD	3	0	0	0	2	0	2	0	0	2	0
TB	0	1	1	1	0	0	0	0	0	0	0
EB	0	0	0	0	0	0	0	0	0	0	0
QA	2	0	0	0	2	2	0	0	0	2	0
QA MS/MSD	0	0	0	0	0	0	0	0	0	0	0
QA TB	0	0	0	0	0	0	0	0	0	0	0

8/21/01

8-22-01
Eileen Maus

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

Water	DRO	DRO RRO	GRO	GRO BTEX	VOC	SVOC	PAH	PCB	TAL metals
Prim	0	10	2	4	2	0	6	12	6
FD		1	0	1	0	0	1	1	1
MS		1	0	1	0	0	1	1	1
TB		0	1	1	1	0	0	0	0
EB		0	0	0	0	0	0	0	0
QA	0	1	0	0	0	0	1	1	1
QA MS	0	0	0	0	0	0	1	0	1
QA TB	0	0	0	0	0	0	0	0	0



VOA coolers to primary lab (60 pairs) shipped
2 Fish coolers cold smoke
2 QA coolers cold stream

8:45 END of Day

8/22/01

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

8-23-01
Eileen Maus

7am Start of Day
Camp Safety meeting
7:30 Tail gate safety meeting
8:00 Continue packing samples
10:00 Prepare bottles for sampling
~~A~~ remember to cancelled
- MS/MSD Pb Zn Cr
on Sample 01NE295D125

12:00 Lunch
12:30 Continue packing samples
& prepering sample
Bottles

9:30 END of Day

8-23-01

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

8-24-01
Eileen Maus

7 am Start of Day
Camp Safety Meeting
7:15 Tail Gate safety meeting
7:30 Continue packing
Coolers

8:00 am authorized Johanna Poe
to Relinquish Coc

10:00 END of Day
Arrive in Anchorage

8-24-01

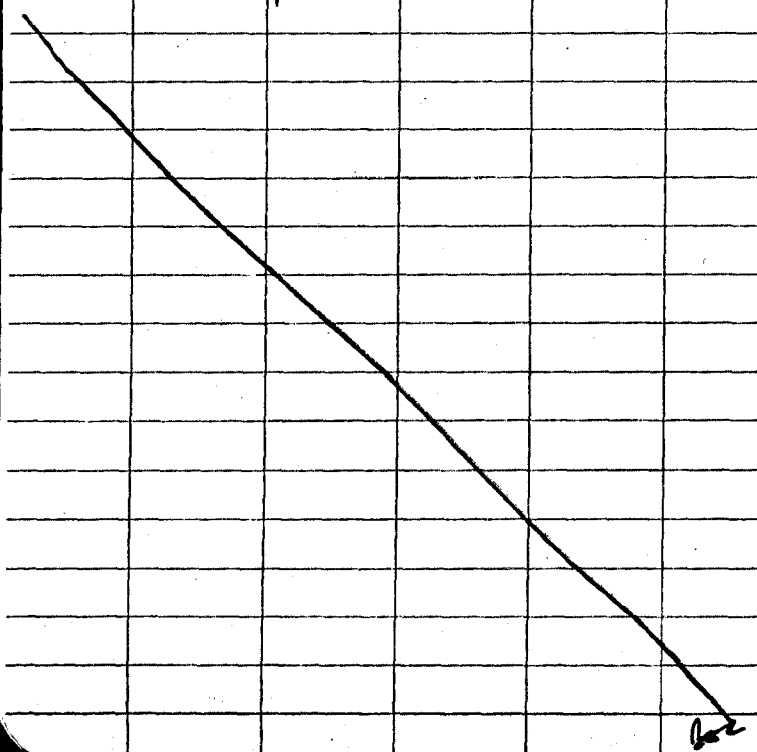
2

Location _____ Date _____

Project / Client _____

William A. O'Connell
Associate Geologist, MWH Americas

Northeast Cape, St. Lawrence Is, Alt.
USACE 1850574.260110
Aug. 27-29, 2001



Boz

3

Location USACOE

Project / Cl Northeast Cape, St.. Lawrence Is.
1850574.260120 Boz

8-18-01 0745

Location #6, site 29
Suqi. R. Lagoon

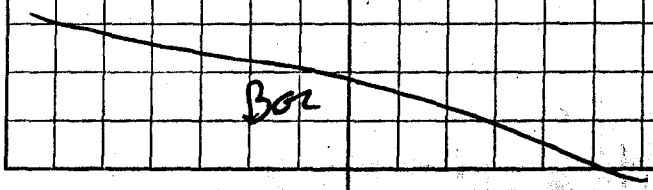
photo #1, 2

Soak time ≈ 11 hrs
No applicable catch
Trap replaced w/ larger trap 1138

8-18 0815

Location #5, site 29

upper Suqi. R. lagoon
≈ 200 yds from Bridge
photo #3 (N. of Cargo Beach Rd.



Boz

Loca
Proje

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120 MCC

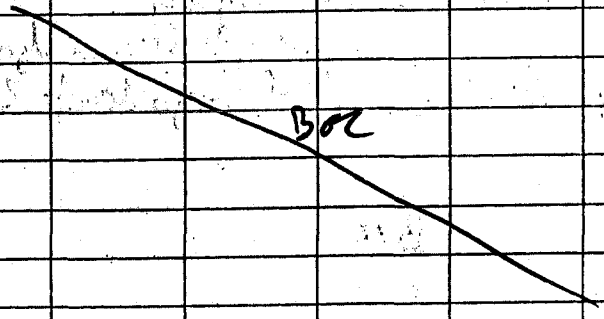
8-18-01 0850 BOC
Location #1A Site 29
≈ 100 yds from lake South

photo # 4, 5, 6

Largest fish of 23
D. Vardeu 208 MM
≈ 12 hr. Soak

Location #1BA Site 29 BOC
≈ 150 yds from lake, South

Photo #7
Set @ 0857 8-18-01



Location
Project / Clier

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120 MCC

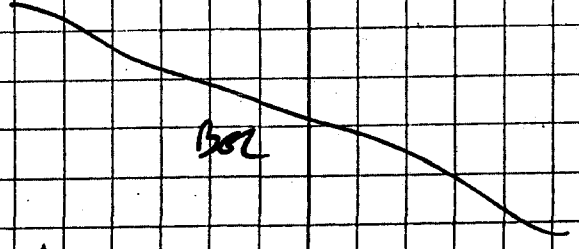
8-18-01 0913
Location #2

photo #8
≈ 12 hr. Soak

2 fish D. Vardeu
largest 207 MM

Location #2A
Set @ 0922

Photo #9



USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120 BOE

Location 3 8-18-01 0938
Sugi. R. Site 29 ≈ 50 yds W. of Bridge
photo #10

1 male D. Vardey ≈ 232 mm

Moved To
Location #3A 0945-Set
Sugi R. Site 29 ≈ 100 yds W. of Bridge

photo #11

BOE

USACOE
Location Northeast Cape, St.. Lawrence Is.
Project / C 1850574.260120 BOE

Blackfish - Site 28

photo #12

8-18-01 1007
Traps 1, 2, 3 empty

Re-Set 8-18-01
1020

=

Trap 4 1025 Blackfish
photo #13 3 fish ≈ 100g
Trap 5, 6 blackfish ≈ 332g
photo # 13, 14
Trap 6, 3 blackfish
≈ 100g BOE

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

8-18-01 1123 Site 29

D. Varden trap # 4 - Ø fish

photo #15

photo #16 Sugi. R. Berm

1138 Re-set trap, Location #6

1150 Set trap Location #7

photo #17

Bar

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

1300 Travel east to Taps R. Lagoon Ø Fish. Sportgear
Travel upstream 1.5 mi. Ø fish, sportgear

1630 Sugi. R. Lagoon Ø fish, Sportgear

1900 Travel West to unnamed river Ø fish Sportgear

2200 Return to Camp

Bar

10

Location
Project / C

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120 BCC

8-19-01 0730
MWH Safety Meeting
=
0945 D.Vardon trap Sugi. R,
Location #1A Ø fish

Moved back to loc. #1 reset 0957
=
1012 Location #2A
1. Resident Male, 285mm, 200g
Sexually Mature
photo #16 2. Female, Resident, Spawning
Colors 254 mm 170g
3. Resident Male 240mm, 125g
Sexually Mature
4, immature 218 mm 100g
5, Spawning Male, 215mm 90g
6, Spawning Male 207mm 90g
7, immature, 208mm, 80g

Smallest, 98 mm Total 28 fish
ad

11

Locatio

USACOE
Project Northeast Cape, St.. Lawrence Is.
1850574.260120 BCC

8-19-01
1047 Location #3A Ø fish
Reset
Location #3B, just W. of Cargo
Branch rd. Bridge over Sugi. R.
1056
photo #19
=
1119 Blackfish Location #4
Trap 4 Ø fish
Trap 4a 2 fish 125mm 110mm
Total wt. 40g

Location #5
Trap 5 - 8 Fish
Trap 5a - 5 Fish, 4 Blackfish
#5, 138mm 140mm 22mm, 131mm, 125mm,
152mm, 110mm

#5a 125mm, 115mm, 107mm, 145mm
D.Vardon - released Total wt. 240g
ad

12

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

8-19-01

Blackfish traps set Location #8
traps 1-6 1146

1314 D. Varden trap
Location #5 upper Sagi.
Ø Fish

Trap pulled

50 ft gillnet set at loc #5
photo #20

1405 D. Varden Loc #6
Ø Fish trap pulled

1409 D. Varden Loc #7
Ø Fish, trap pulled

13

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

8-19-01

1511 2 Traps set @
Taps R. lagoon for Background
Sample

1533 1 Trap set upstream
from lagoon in Taps R.

1640 - Bear guard kills reindeer
Photo #21

1730 - Return to Camp.

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

8-20-01 0803
D. Varden Location #1
51 fish 0 keepers
2 Arctic 218mm - 82mm
Trap pulled

0827 D. Varden Location #2A
21 fish 0 keepers
222mm - 87mm
Trap pulled

0843 D. Varden Location #3B
4 Fish, 1 Keeper

1. 306mm, 300g, Female
photo #22

190mm, 198mm, 204mm released

Trap re-set 0854

Location
Project / Cli

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

0905 8-20-01 Location #3C
Trap set Just East of Culvert
photo #23
=
0919 Blackfish trap Location
#6 ADC

3 D. Varden, 137mm, 142g, 155mm
Released

Blackfish 128mm, 124mm, 132mm,
112mm, 119mm, 116mm, 124mm, 136mm,
128mm, 135mm, 110mm, 128mm, 117mm, 135mm,
133mm, 112mm, 129mm, 150mm, 102mm, 125mm,
142mm, 138mm, 118mm, 135mm, 140mm,
110mm, 128mm, 119mm, 122mm, 108mm,
120mm, 82mm

32 Fish Total Wt 660g.

Locat
Proje

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

8-20-01 0932 Site 28

End of Blackfish Sampling

Location #5

1047 - pull gillnet, 3 D.Varden photo #24, 25

1. 455 mm Male, good condition mid-eye to fork - 418 mm 800g

2. 470 mm, Male, good condition mideye to fork - 430mm 1100 g

3. 480 mm, Male, good condition mid-eye to fork-455 434mm 1090g

Locatio
Project

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

8-20-01 1150
2 Traps pulled at Taps R. lagoon, ØFish.

1321 Taps. R. upstream Trap, Ø Fish

All Taps. R. Traps removed.

1617 - Set Gillnet, Sevuk Lagoon

1630 - 1745
Fish Sevuk lagoon w/ sportgear ØFish.

1915 - set gillnet - Taps. R. lagoon
2000 - 4 pink salmon Caught with gill net
(photo #26 photo #1 Cam 2)

18

Loca
Proje

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

BOC

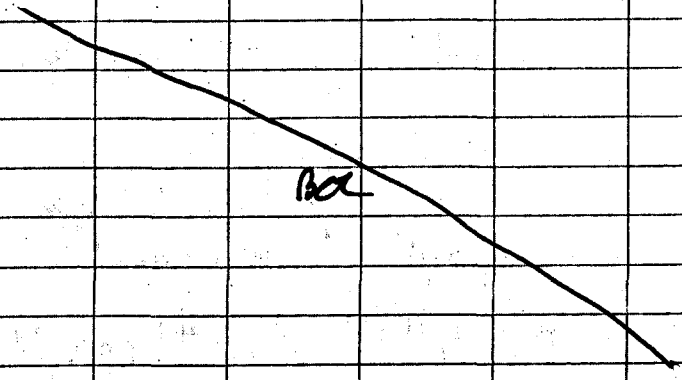
8-20-01 2015 Pink Salmon

1. Female 470mm, 988g
mid-eye to Fork 430

2. Male 445mm, 880g
mid-eye to fork 400mm

3. Female 463mm 1140g
mid-eye to fork 434

4. Male, lesion on belly, released



BOC

19

Locati
Projec

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

BOC

8-21-01 0753
D. Vardan Loc. #3B 0 Fish
Trap removed

Loc. #3C 0757
4 Fish 0 keepers

0851 Sugi. Lagoon gillnet photo #2
8 Fish

	length. mm	mid-eye to fork mm	wt grams
4. Female	455	430	980
5. Female	505	470	1220
6. Female	480	428	930
7. Male	415	377	640

4 D. Vardans Taken As USACE samples

BOC

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

8-21-01 1022 Taps. R. Lagoon
Background Samples
D. Varden
- Gillnet removed

Sex	length. mm.	midreye-fork. mm.	wt. g
Male #1	465	420	980
Male #2	460	420	860
Female #3	490	464	1240

1140 Sevuk lagoon gillnet 0 Fish
gillnet removed.

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

sample #	species	Fieldbook #	sex
0INE29FT101	D. Varden	#4	F
0INE29FT102	D. Varden	#5	F
0INE29FT103	D. Varden	#7	M
0INE29FT104	D. Varden	#6	F
0INE29FT105	D. Varden	#1	M
0INE29FT106	D. Varden	#2	M
0INE29FT107	D. Varden	#3 add. Sam.	M
0INE30FT101	D. Varden	#3	F
0INE30FT102	D. Varden	#2	M
0INE30FT103	D. Varden	#1	M
0INE30FT104	Pink	#2	M
0INE30FT105	Pink	#1	F
0INE30FT106	Pink	#3	F
0INE28FT101	Blackfish		
0INE28FT102	Blackfish		
0INE28FT103	Blackfish		

22

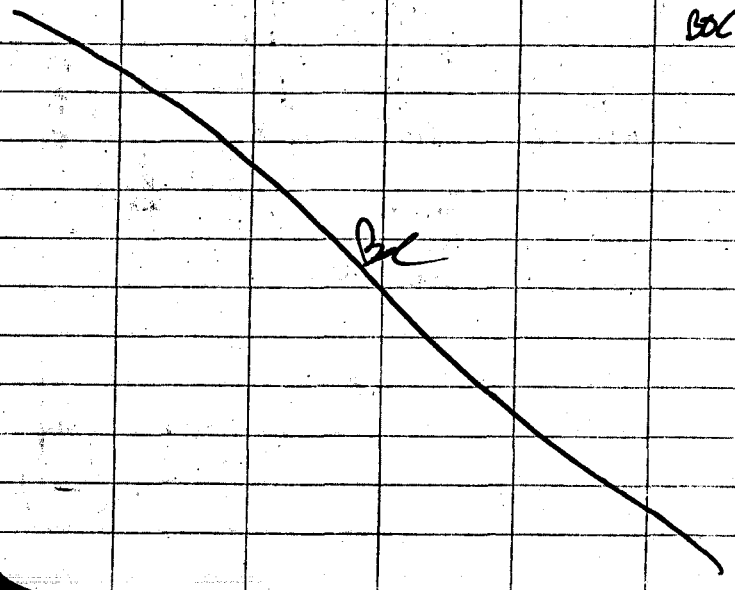
Location NEC/ St. Lawrence Island Date

Project / Client USACOE

1850874. 260.120

8-22-01 0800 additional samples

	Sex	length mm.	Mid-eye to Fork mm	wt. g	@ NEXPT
1	F	450	420	860 g.	108
2	F	440	415	900	109
3	F	420	395	780	110
4	F	480	455	1090	111
5	F	520	490	1320	112
6	F	445	420	830	113
7	M	430	394	680	114
8	F	480	450	1170	115
					BOC



Location NEC ST. Lawrence Date IS

Project / Client USACOE

1850574. 260120

23

8-25-01

Site 9. WP1, Refusal 25% at gravel/rock surface. Surface water 110 taken in place of WP1 at site 9

Temp °C	Cond.	NTU	DO mg/L	pH
~~11.0~~ 9.0	31.0	~~0.9~~ 2.27 BOC	11.0	6.8

Analytes DRO/RRO PCB, PAH, GRO/BTEX + TAL Metals

WP 9-2 8-26-01 0903

Temp °C	Cond.	Turb NTU	DO mg/L	pH
BOC ~~11.0~~ 9.0	70.0	9.28	11.0	6.4

Analytes DRO/RRO PCB, PAH GRO/BTEX + TAL metals BOC

Location NEC ST. Lawrence Date IS,

Project / Client USACOE

1850574, 260120

8-26-01 1103 Site 9 MW-3
Setting Sampler

1115 Site 9
MW102 jacked, Bentonite in
well WP104 drg at 3 ft, 6 ft,
Adjacent SW sampled @1NE@9SW111
DRO/RRO, PAH, PCB, GRO/BTex + TAL Metals

1150 Break for Lunch

1307 Continue Sampling Site 9 MW-3.

1315 Site 9 Wp 103 Drg after 24 hrs
adjacent SW sampled @1NE@9SW112
DRO/RRO, PAH, PCB GRO/BTex, + TaL Metals

Temp °C	Con. µmhos	Turb. NTU	D.O. mg/L	pH
7.0	30.0	1.47	11.0	7.2

Location NEC ST. Lawrence Date IS.

Project / Client USACOE

1850574, 260120

1357 Site 9 SW111

Temp °C	Con. µmhos	Turb. NTU	DO mg/L	pH
10.0	31.0	3.72	11.0	7.0

1406 Site 9 MW-403

Temp °C	Con. µmhos	Turb. NTU	DO mg/L	pH
5.5	148.0	Not readable	9 → not readable	7.1

1430 - 1600 Load plane, Doug
MELISSA + Johanna depard

1620 Site 7, Wp 7-3

Sample for DRO/RRO PCB, PAH
GRO/BTex, TAL Metals

Location NEC ST. Lawrence Date

Project / Client USACOE

1850574. 260120

8-26-01 1845

initializing survey equipment

① South end of Runway

② North end of Runway

③ Counsbury LS-8535 near former Tank pads, site 28

2027 Site 24

Ø1NE24SW/SD114

Ø1NE24SD115

Reference Taken MW 24-2 and SE Corner of Receiver Bldg.

2052

Ø1NE30SS103

S. of Road to Site 24

Bare

Location NEC ST. Lawrence Date

Project / Client USACOE

1850574. 260120

8-27-01 0904

Ø1NE33SS101

Ø1NE33SS102

Ø1NE33SS103

Reference Taken At NW + NE Corners of Upper Tram Terminal

0920 Ø1NE34SS103

Ø1NE34SS102

Ø1NE34SS101

Reference taken at URS GRID MS-M6 1990

Top camp / Drum Dump field

0950 Ø1NE34SS110

Ø1NE34SS109

Ø1NE34SS108

Ø1NE34SS107

Ø1NE34SS106

Ø1NE34SS105 cc

28

Location NEC St. Lawrence Date

Project / Client USACOE

1850574. 260120

8-27-01

1005 Ø1NE34SS1Ø4

Reference Taken at SW Corner of upper quarters Bldg. and Re-bar Cap URS CP-7 1990 near top of road to upper camp.

Reference at URS CP-6 1990

Lower Tram Terminal Site 32

1100 Ø1NE32SS1Ø1

Ø1NE32SS1Ø2

Ø1NE32SS1Ø3

Ø1NE32SS1Ø4

Ø1NE32SS1Ø5

Ø1NE32SS122

Ø1NE32SS121

Ø1NE32SW1Ø1

Reference URS Grid A-4 1990 (cap)

29

Location NEC St. Lawrence Date

Project / Client USACOE

1850574 260120

8-27-01 Site 32

Reference URS Grid A-1 1990

Re-Bar/Cap set 4469-S GPS-1 2001

≈100FT upgradient of Lower terminal Building

Reference at SE Corner of Lower tram Bldg

=

1300 Continue sampling WP7-101

1411 Sample WP 6-2 DRO/RRO

1430 Sample WP 7-3

DRO/RRO, PCB, PAH, GRO/OTet TAL metals

30

Location NEC st. Lawrence Date

Project / Client USACOE

1850574. 260120

8-27-01

1445 Wp-102 Site 7 dry after 48 hrs. - pit dug 36 inches to water and allowed to fill

1520 Background Wp 30-2 East of Cargo Beach Road dry after 48 hrs pit dug 24 inches and allowed to fill

1600 Wp 7-103 ½ litre after 48 hrs pit dug 40 inches and allowed to fill

1700 Sampling WP/Pit 7-102 DRO/RRO, PCB, PAH, GRO/BTEX ~~Field duplicate Location (PAH) (PAH GRO/BTEX~~ ~~QA Location (PAH) (PAH GRO/BTEX~~ ~~PAH, GRO/BTEX~~ BOL

31

Location NEC st. Lawrence Date

Project / Client USACOE

1850574. 260120

8-27-01

Field Duplicate Location PAH, VOC

QA Location PAH, VOC

1800 Complete Wp/pit 7-102 Replace soil

1915 Survey Site 30 Ø1NE30CD101

1926 Ø1NE21SS173
Ø1NE21SS172
Ø1NE21SW/SD114
Ø1NE21SW/SD113
Ø1NE21SS/SB171
Ø1NE21SS/SD170
Ø1NE21SS/SB ~~172~~ 169

BOL

32

Location NEC St. Lawrence

Project / Client USACOE

1850574.260120

8-27-01 1952 Site 16
01NE16MW03
01NE16MW01
01NE16MW02
01NE16SS165
01NE16SS166
Site 14
2013 01NE14SS101
01NE14SS102
01NE14SS103

33

Location NEC St. Lawrence

Project / Client USACOE

1850574.260120

8-28-01 0840 Site 7
Finish sampling Wp 7-101

0915 Sample Wp/pit 103
DRO/RRO ACB, PAH, TAL metals
Giro/BTEX
Replace soil

0930 Background Wp 30-102
Sampled for DRO/RRO, PAH, Sulfate, Alkalinity, VOCs, Methane, Ethane, +Ethene, +GRO

End of Notes
William A. Scammell

Rite in the Rain®
ALL-WEATHER WRITING PAPER

Name _____

Address _____

Phone _____

Project _____

Clear Vinyl Protective Slipcovers (Item No. 30) are available for this style of notebook. Helps protect your notebook from wear & tear. Contact your dealer or the J. L. Darling Corporation.

CONTENTS

PAGE	REFERENCE	DATE
	Bill O'Connell	
	Don Maloney	
	Northeast Cape	
	St. Lawrence Is, AK,	
	9-24-01 to 9-25-01	
	1850574.260120	
	Pesticide Sampling	
	Mod. #6	
	USACE	

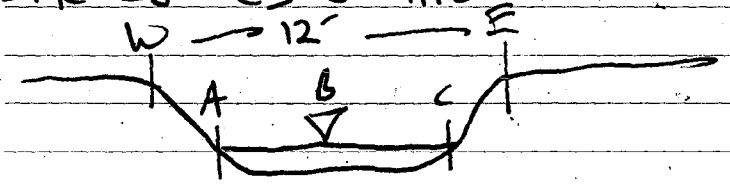
USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120 BCC

9-24-01 site 16 1100
Surface Soil sampling
Same locations as 801

previous Sample #	Pesticide Sample #
ØINE16SS165	ØINE16SS167
ØINE16SS166	ØINE16SS168

Building removed, MW 16-3 damaged, unusable

Site 28 CS-8 1110



Point	Depth	Previous suffix ØINE28...	Pesticide Sample #
A	6"	SD153	ØINE28SD183
A	18"	SD154	ØINE28SD184
B	6"	SD155	ØINE28SD185
B	18"	SD156	ØINE28SD186
C	18"	SD158	ØINE28SD185 BCC

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120 BCC

9-24-01
Duplicate taken of SD185
Sample # ØINE28SD285

CS 7, 9 + 10 Sampled at center of cross section, 6" deep

CS	Previous Sample #	Pesticide Sample #
7		ØINE28SD190
9		ØINE28SD191
10		ØINE28SD192
10-Dup.		ØINE28SD292

CS-11 1300

Samples taken at either end of cross section, 6" deep

Previous sample #	Pesticide sample #
ØINE28SD171	ØINE28SD189
ØINE28SD176	ØINE28SD188

BCC

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

9-24-01 1420 Site 6

⊕ Wp6-3

129.7 ft

⊕ Wp6-1 (Drg)

58.9 ft

⊕ Wp 6-2

1437 Site 7

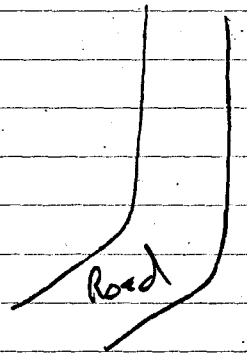
⊕ MW7-4

164.10

× SS-127

102.20 ft

× SS126



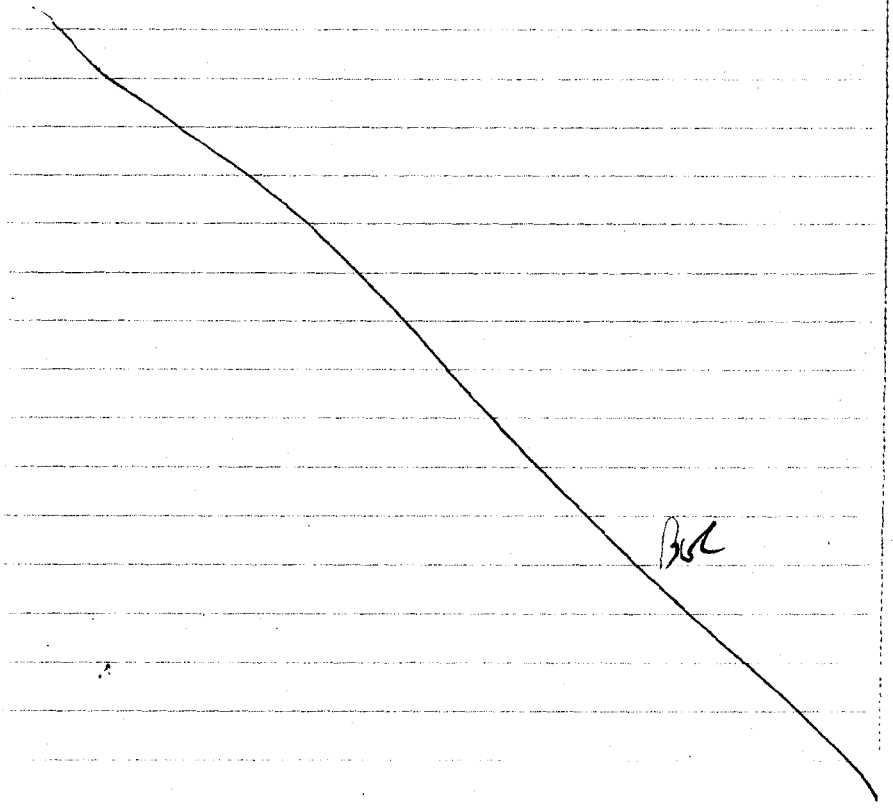
USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

9-24-01 1513 Site 28

CS-8 West × 42.50 ft × CS-7 West

111.90 ft

× CS-8 East



"Outdoor writing products for outdoor writing people"

RECYCLABLE

"Dura-Rite" is a synthetic paper that is ideally suited for use in extreme weather conditions. A full line of **"Dura-Rite"** notebooks and loose leaf sheets are available. Custom printed **"Dura-Rite"** books, forms and tags can be made to meet your specific requirements.

"Dura-Copy" and **"Rite in the Rain"** all-weather copier papers are also available which enable you to create all-weather forms, charts and maps on your copier or laser printer. See your dealer or contact the J. L. Darling Corporation for details.

a product of

J. L. DARLING CORPORATION
Tacoma, WA 98424-1017 USA
(253) 922-5000 FAX (253) 922-5300
www.riteintherain.com

6 32281 69111 2

DURA Rite
WATERPROOF

HORIZONTAL LINE

Waterproof Notebook
No. 691

August 17 – 26

USACE

Northeast Cape, St. Lawrence Is.

MWH 1950574.260120

Johanna Dreher

4 5/8" x 7" - 48 Numbered Pages

USACOE 1950574.
260120

Northeast Cape, St Lawrence Island
August 17, 2001

~~Arrive~~

5:00 Start of day
Travel to St. Lawrence Island
Anchorage - Kotzebue - Nome - St. Lawrence Island

Unload plan - Sort Supplies

2:30 Safety Meeting
3:00 UPack - set up office
Organize supplies
5:15 - 5:45 ATV Training

5:45 - 6:45 Dinner

6:45 prepare Sample bottles for Drainage Basin

8:45 End of Day

Johanna Dreher

Northeast Cape USACOE 1850574.260120
August 18, 2001

7:00 - 7:15 Safety Meeting

7:15 - 7:30 tailgate Meeting

7:30 - 12:45 prepare sample bottles + Coolers for site 6, 7, & 28 x-sections 2, 3, & 4

12:45 - 1:15 Lunch

1:15 - 5:45 prepare sample bottles for site 28 - Cross sections 5, 6 and began working on 7

5:45 - 6:15 Dinner

6:15 - 7:00 prepare Sample Jars for Cross section 7 and most of 8

7:00 - 8:00 Tour of sites @ NEC
Clean up jars + labels

8:20 End of work day

Johanna Dreher

1850574.260120 USACOE
Northeast Cape, St. Lawrence Island
August 19, 2001

7:30-8:10 Safety / Planning meeting
Bonnie, Doug, Melissa, Eileen,
Bill, & Johanna

Work on Sample bottles for x-section 8

8:30-9:00 Breakfast

9:00-12:15 prepare Sample bottles for
x-sections
finish 8, completed 9 & 10,
Start 11

12:15-12:45 Lunch

12:45-17:45 prepare
Sample bottles for x section
11 + 12

Sample w/ Bonnie at Site 7
Collect Samples:
01 NE 07 SW 104
01 NE 07 SD 104
01 NE 07 SW 105
01 NE 07 SD 105

1850574.260120 Northeast Cape USACOE
1745-1815 Dinner 8-19-01

1815-2130 work on preparing labels
pack Samples for Shipping

2130 End of Day

Johanna J. Dreher

Northeast Cape USACOE 1850574.260120

August 20, 2001

700 Nugget Safety Meeting
MWH Safety Meeting

Work on site 29 Sample labels

Pack Cooler for shipping

Prepare Site 29 SW & SD labels

1200 lunch

1230 prepare site 29 labels
prepare sample bottles for Site 29

~~5~~ 1745 Dinner
~~1915~~
~~1815~~ prepare to Sample w/ Doug @
1815 Site 29

1925 photograph Sample location

Clear H_2O, no sheen or odor

Northeast Cape USACE 1850574.260120

Turb	E.C.	Temp	pH
1.73 NTU	233 µS	8.3°C	8.3

8-20-01

DO 11 mg/L (HACH)

1940 Collect SW 117 8-20-01

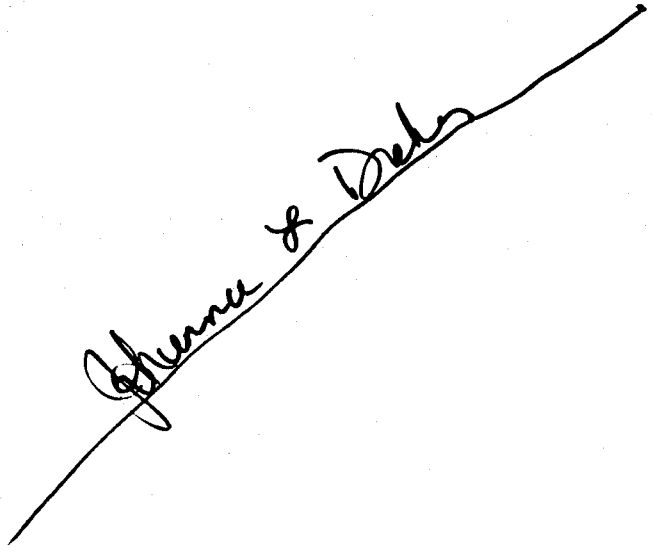
Type	ID	Time
primary:	01 NE 29 SW 117 & MS/MSD	1940
duplicate:	01 NE 29 SW 217	1945
triplicate:	01 NE 29 SW 317	1950

Parameters –
- DRO/RRO
- GRO/BTEX
- PCB
- PAH SIM
- TAL Metals

2015 return to Camp
drop of samples @ Conex
put away equipment

8-20-01
8
2030 Done

USACCE
Northeast Cape, St.. Lawrence Is.
1850574.260120



USACOE
1850574. 260120
August 21, 2001

Northeast Cape

0700 Nugget Safety Meeting
0730 MWH Safety Meeting

0745 prepare for Sample Collection at Site 29

0815 arrive at Sample location
Suqi River Cross Section (CS) 4
Measure CS-4

118'

point	distance from S	H_2O depth	tape color
A	15'	0'	green
B	44'	2½'	Blue
C	102	0'	green

0835 photograph CS-4 location

C4 Sample Collection

parameters: DRO/RRO, PAH, PCB
Pb Zn Cr, TOC

USACOE
08-21-01 Northeast Cape, St.. Lawrence Is.
1850574.260120

0900 CS-4a
primary : 01 NE 29 SD 123

depth : 6 inches

parameters : DRO/RRO, PCB, PAH, PbZnCr, TOC

0910 Collect SD CS-4b
depth : 3ft
parameters : DRO/RRO, PCB, PAH, PbZn Cr, TOC

primary : 01NE 29 SD 124

0940 Collect SD CS-4c
depth : 1.7 ft
parameters: DRO/RRO, PCB, PAH, PbZn Cr, TOC

USACOE
Northeast Cape 1850574. 260120 08-21-01

Time	Type	ID	DATE
0950	primary :	01 NE 29 SD 125 & MS/MSD	8/21
(0955)	duplicate :	01 NE 29 SD 225	08-21-01
~~1000~~ (1000)	triplicate :	01 NE 29 SD 325	08-21-01
~~1005~~ (1005)	COE split :	01 NE 29 SD 425	08-21-01

1025 Collect SD 128
depth : 1.7 ft
parameters: DRO/RRO, PAH, PCB, GRO, BTEX, TAL metals

Time	Type	ID	Date
1025	primary :	01NE29SD 128	08-21-01

1040
~~1035~~ photograph Sample location
1040

1045 Collect SD 129
depth : 1.7 ft
parameters: DRO/RRO, PAH, PCB, GRO, BTEX, TAL Metals

Time	Type	ID	Date
1045	primary	01NE29SD129	08-21-01

USACOE

8-21-01 Northeast Cape 1850574.260120

1055 Photograph Sample location SD 129

1100 Return to Camp drop off samples from CS-4 & SD 120, 129

1200 lunch

1230 Organize Sample notes

1300 prepare Samples for Shipping

1810 Dinner

1900 prepare Samples for Shipping

2000 End of Day

Johanna Dieken

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

August 22, 2001

7:00 Safety Meeting : MWH
Nugget not working today
High Wind

720 work on Sample Counts
fill out field forms

1215 Lunch

1245 prepare to pack Coolers for Shipping

1800 Dinner

1835 pack Cooler for Shipping

1930 prepare cooler for plane

2030 End of Day

Johanna Dieken

JD

August 23, 2001

0700 Nugget Construction Safety meeting

MWH Safety Meeting

0745 work on CofC

prepare to sample w/ Melissa @ site 16

0830 load equipment + Sample bottles

0900 leave camp for site 16 with Melissa Markell

0915 arrive at site locate wells
lots of connexes are staged at site

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

8-23-01

0920 set up at well 16-2 monitoring well; frost jacked above protective casing

take measurements

0935 purge MW 16-2

no sheen or odor; water silty

1005 Collect Samples using disposable bailer; parameters: SVOC
01NE16GW102

1015 photograph site

1020 Setup at MW 16-3
well condition is good
take measurements

1030 purge well

NO sheen or odor; Silty at first then Clears

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

1045 Collect Sample 01NE16GW103 8-28-01
using disposable bailer; parameters: SVOC
1100 photograph site

1105 Set up at MW 16-1
take measurements
no sheen or odor

1115 purge MW 16-1

1135 Collect Sample 01NE16GW101, (1140) duplicate: 01NE16GW201,
(1145) MS and triplicate: 01NE16GW301
using disposable bailer; parameters: SVOC
Photograph site return to camp give
samples to Eileen.
1200 Break for lunch

12:30 begin packing coolers
hoping for a plane

1800 Break for Dinner

1840 Back to packing coolers

2100 put cooler on the runway

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

8-28-01

2100 End of Day

Johnson Dukes

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

August 24, 2001

0700 Nugget Construction Safety meeting
MWH Safety Meeting

0725 pack coolers for plane this morning
CofC 37-46
did not Ship CoC 44

1045 load plane w/ Coolers

1100 Back to preping Samples for Shipping
wipe of bottles, Clean + wipe out coolers

1215 Break for lunch

1245 pack coolers

JLP

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

8-24-01

1800 Break for Dinner

1840 pack coolers
w/ help from Bill & Melissa

2030 Stop - End of Day

Trip blanks used:

01NE00TB 110	Water	QA	1900
01NE00 TB 111	Soil	primary	1900
01NE00 TB 112	Water	QA	1900
01NE00 TB 113	Water	primary	1900
01NE00 TB 109	Soil	primary	1900

Johanna L. Dehn

JLD

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

August 25, 2001

0700 Nugget Safety Meeting
MWH Safety Meeting

0745 go to Conney to pack Coolers

1215 Break for Lunch

1245 Pack Coolers

1800 Break for Dinner

1840 Pack Coolers
prepare for Shipping

2210 End of Day

Trip Blanks used
01NE00TB106 - QA Soil 1900
01NE00TB 114 Soil primary 1900
01NE00TB 115 Water Primary 1900
Johanna Dicks

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

August 26, 2001

0700 Nugget Safety Meeting
MWH Safety Meeting

0730 give shipping papers to Bonnie (CoC's & Copies of airbills)

0815 begin icing coolers and preparing to seal coolers

1215 Lunch Break

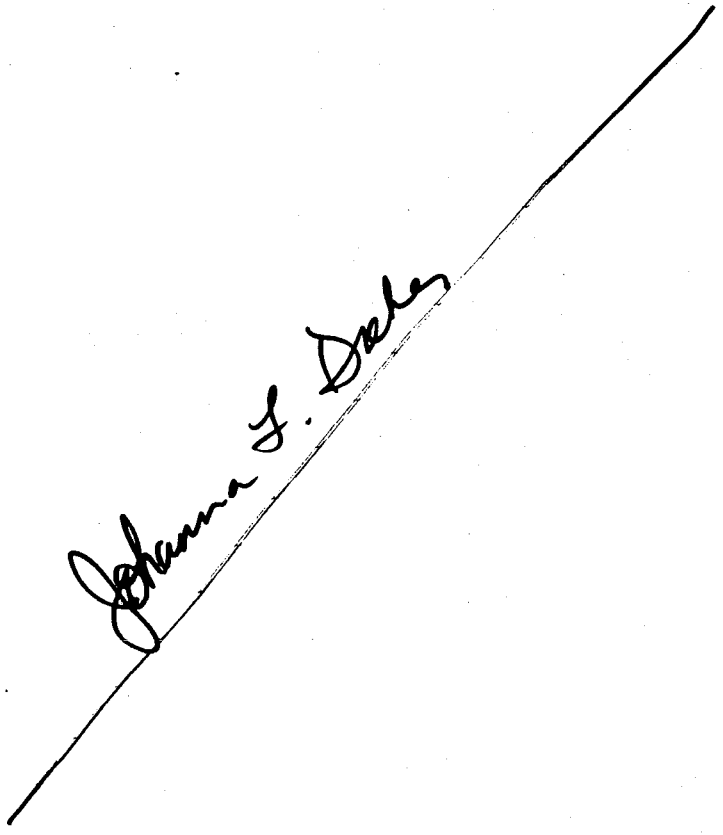
1245 prepare samples for Shipping
Seal Coolers

1545 Leave Northeast Cape

1645 arrive in Nome

1930 leave Nome

2330 Arrive in Anchorage

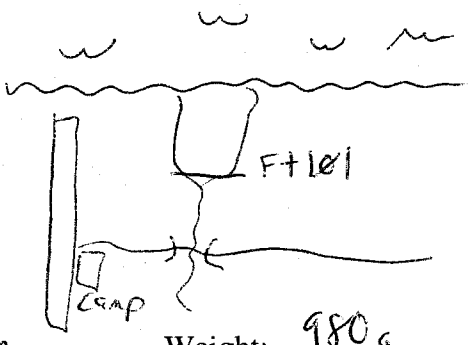


FIELD NOTE FORM
FISH TISSUE COLLECTION
NEC 2001 BSP

Location: Sagi. R. lagoon Sample ID: 01NE29Ft101

Species: D. Varden Sex: F

Location Map:



Length: 455mm Weight: 980g

Sampler: O'Connell Date: 8-21-01 Time: 0850

Remarks: 3 samples = eggs, head, fillet

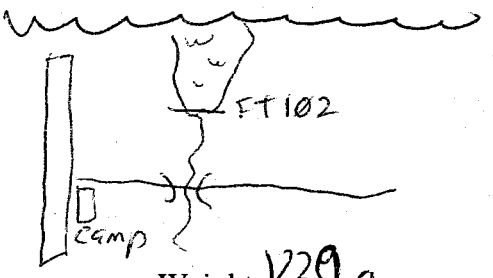
PAH, PCBs, Lipids, metals

FIELD NOTE FORM
FISH TISSUE COLLECTION
NEC 2001 BSP

Location: Sugi. R. lagoon Sample ID: ØINE29FTIØ2

Species: D. Varden Sex: F

Location Map:



Length: 505mm Weight: 1220 g

Sampler: OConnell Date: 8-21-01 Time: 0850

Remarks: 3 samples = eggs, head, fillet

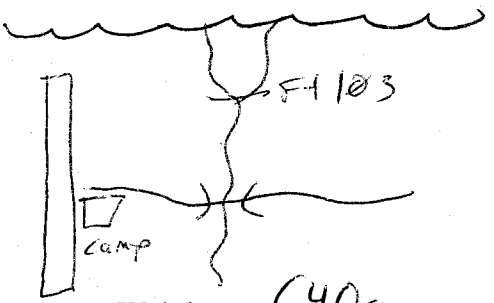
PAH, PCBs, Lipids, Metals

FIELD NOTE FORM
FISH TISSUE COLLECTION
NEC 2001 BSP

Location: Sagi. R. lagoon Sample ID: 01NE29 FT103

Species: D. Vardeu Sex: M

Location Map:



Length: 415mm Weight: 640g

Sampler: OConnell Date: 8-21-01 Time: 0850

Remarks: 2 samples = Fillet, Homogenized remains

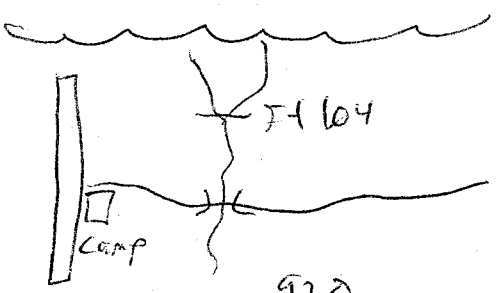
PAH, PCBs, Lipids, metals

FIELD NOTE FORM
FISH TISSUE COLLECTION
NEC 2001 BSP

Location: Sagi. R. lagoon Sample ID: 01NE29FT104

Species: D. Varden Sex: F

Location Map:



Length: 450mm Weight: 930g

Sampler: OConnell Date: 8-21-01 Time: 0850

Remarks: Sample = Fillet only

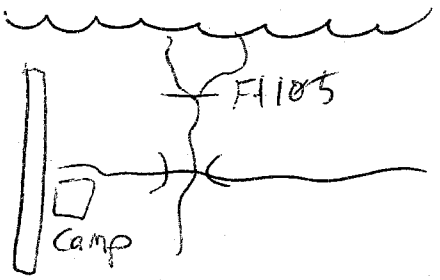
PAH, PCB, Lipids, metals

FIELD NOTE FORM
FISH TISSUE COLLECTION
NEC 2001 BSP

Location: Sugi, R. lagoon Sample ID: 01NE29F105

Species: D. Vardeni Sex: M

Location Map:



Length: 418 mm Weight: 800 g

Sampler: OConnell Date: 8-20-01 Time: 1047

Remarks: Sample = Fillet only

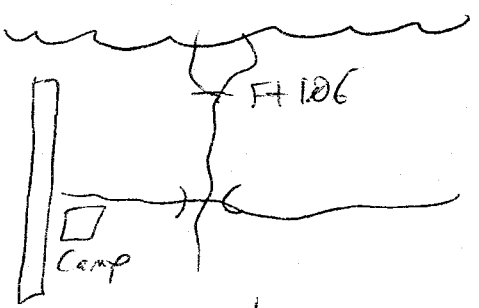
PAH, PCB, Lipids, Metals

FIELD NOTE FORM
FISH TISSUE COLLECTION
NEC 2001 BSP

Location: Sugi, R. lagoon Sample ID: 01NE29FT106

Species: D. Vardeni Sex: M

Location Map:



Length: 430mm Weight: 1100g

Sampler: OConnell Date: 8-20-01 Time: 1047

Remarks: Sample = Fillet only

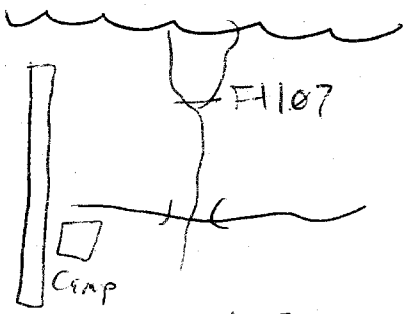
PAH, PCBs, Lipids, Metals

FIELD NOTE FORM
FISH TISSUE COLLECTION
NEC 2001 BSP

Location: Sagi. R. lagoon Sample ID: 01NE29FT107

Species: D. Vardeni Sex: M

Location Map:



Length: 480mm Weight: 1090g

Sampler: OConnell Date: 8-20-01 Time: 1047

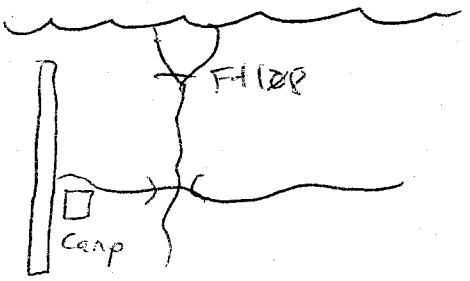
Remarks: Samples - Fillet, Homogenized Remains

FIELD NOTE FORM
FISH TISSUE COLLECTION
NEC 2001 BSP

Location: Sagi. R. Lagoon Sample ID: ØINE29FH108

Species: D. Varden Sex: F

Location Map:



Length: 450mm Weight: 860g

Sampler: OConnell Date: 8-20-01 Time: 1047

Remarks: 2 samples = eggs, Fillet

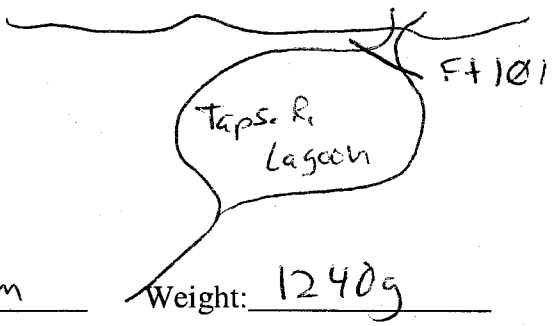
PAH, PCBs, Lipids, metals

FIELD NOTE FORM
FISH TISSUE COLLECTION
NEC 2001 BSP

Location: Taps. R. lagoon Sample ID: 01NE30Ft101

Species: D. Vardon Sex: F

Location Map:



Length: 490mm Weight: 1240g

Sampler: OConnell Date: 8-21-01 Time: 1022

Remarks: 3 Samples = eggs, head, fillet

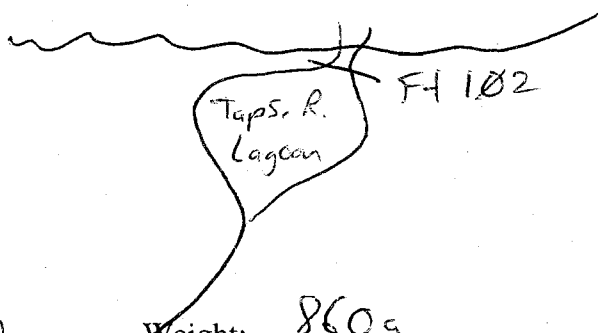
PAH, PCBs, Lipids, metals

FIELD NOTE FORM
FISH TISSUE COLLECTION
NEC 2001 BSP

Location: Taps. R. Lagoon Sample ID: 01NE30FH102

Species: D. Vardeu Sex: M

Location Map:



Length: 460mm Weight: 860g

Sampler: OConnell Date: 8-21-01 Time: 1022

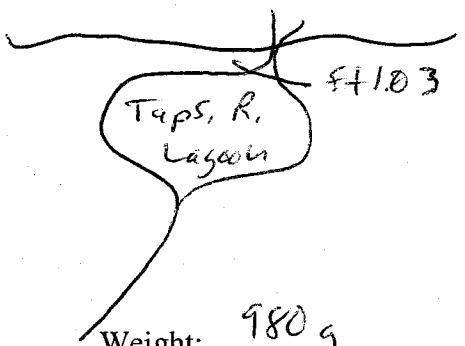
Remarks: 2 Samples = fillet, homogenized remains
PAH, PCB, Lipids, metals

FIELD NOTE FORM
FISH TISSUE COLLECTION
NEC 2001 BSP

Location: Taps. River lagoon Sample ID: 01NE30Ft103

Species: D. Vardeu Sex: M

Location Map:



Length: 465mm Weight: 980g

Sampler: OConnell Date: 8-21-01 Time: 1022

Remarks: Fillet only

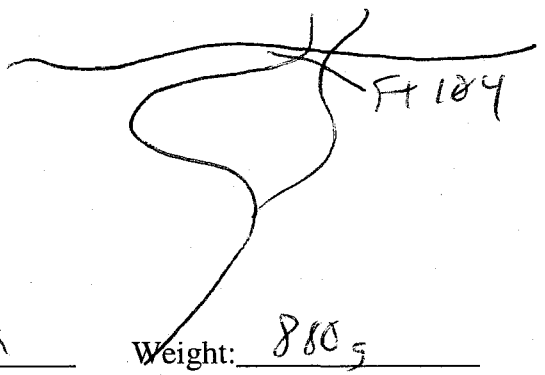
PAH, PCB, Lipids, metals

FIELD NOTE FORM
FISH TISSUE COLLECTION
NEC 2001 BSP

Location: Taps. R. Lagoon Sample ID: 01NE30F+104

Species: Pink Salmon Sex: M

Location Map:



Length: 445 mm Weight: 880 g

Sampler: OConnell Date: 8-20-01 Time: 2015

Remarks: 2 samples = head, homogenized remains

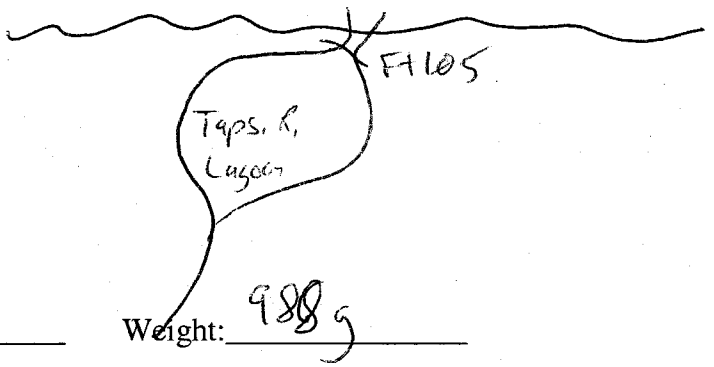
PAH, PCB, Lipids, Metals

FIELD NOTE FORM
FISH TISSUE COLLECTION
NEC 2001 BSP

Location: Taps. R. Lagoon Sample ID: 01NE30FT105

Species: Pink Salmon Sex: F

Location Map:



Length: 470mm Weight: 988g

Sampler: OConnell Date: 8-20-01 Time: 2015

Remarks: 3 Samples = eggs, fillet, remains

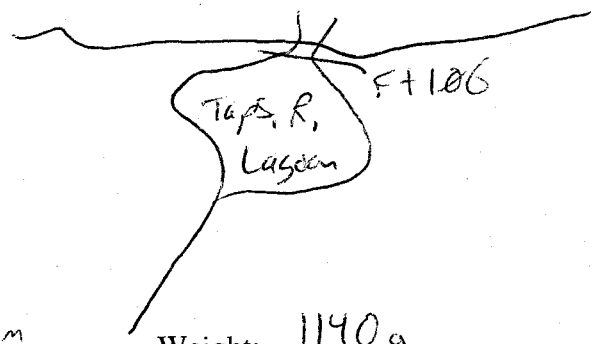
PAH, PCB, Lipids, metals

FIELD NOTE FORM
FISH TISSUE COLLECTION
NEC 2001 BSP

Location: Taps R. Lagoon Sample ID: 01NE30FT106

Species: Pink Salmon Sex: F

Location Map:



Length: 463mm Weight: 1140g

Sampler: OConnell Date: 8-20-01 Time: 2015

Remarks: Fillet only

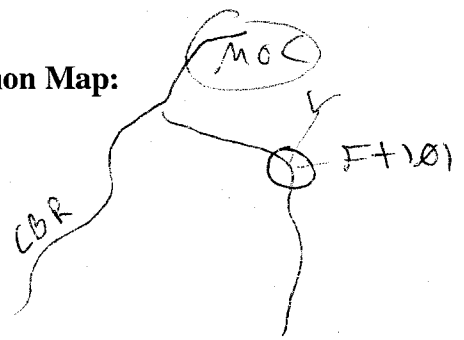
PAH, PCB, Lipids, metals

FIELD NOTE FORM
FISH TISSUE COLLECTION
NEC 2001 BSP

Location: Site 28 Sample ID: 01NE28FT101

Species: blackfish Sex: NA

Location Map:



Length: NA Weight: NA

Sampler: OConnell Date: 8-19-01 Time: 1119

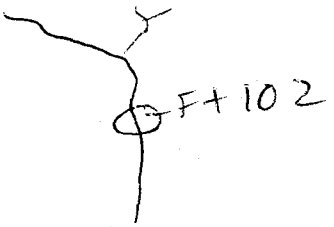
Remarks: Homogenized Sample Containing 8-10 individual fish
PAH, PCB, Lipids, metals

FIELD NOTE FORM
FISH TISSUE COLLECTION
NEC 2001 BSP

Location: Site 28 Sample ID: 01NE28FT102

Species: blacktfish Sex: NA

Location Map: MOC



Length: NA Weight: NA

Sampler: O'Connell Date: 8-19-01 Time: 1119

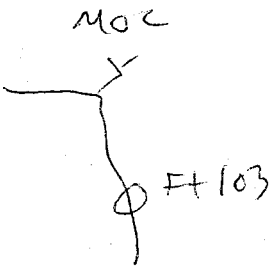
Remarks: Homogenized sample containing 8-10 individual fish
PAH, PCB, Lipids, metals

FIELD NOTE FORM
FISH TISSUE COLLECTION
NEC 2001 BSP

Location: Site 28 Sample ID: 01NE28Ft103

Species: blackfish Sex: NA

Location Map:



Length: NA Weight: NA

Sampler: OConnell Date: 8-19-01 Time: 0919

Remarks: Homogenized sample made of 8-10 individual fish.
PAH, PCB, Lipids, metals

GROUNDWATER SAMPLING FIELD NOTE FORM

Project Number:	Well ID:
1850574.260120	WP 3-2

Project: NEC 2001 Phase III RI | **Client:** USAED

Date: 8-25-01 | **Time:** 1015 | **Sampler(s):** Bonnie McLean, Melissa Martell

Well type: (Well Point) Other:

Well condition: (New)

Protective casing height (ft ags): None

Steel casing height (ft ags):

Well depth ~~below top of steel (ft)~~: Dt 2,93 bgs

Water level ~~below top of steel~~ (ft): 1,48 bgs

Water column height (ft): 1,45

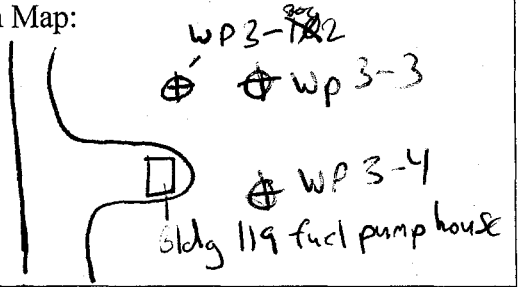
Steel casing ID (in): 2"

Sampling Method/Equipment:
New disposible teflon ¾" bailer

~~**Minimum purge volume calculation:**~~

One well volume (gal) = ~~$0.163A(B/2)^2 = C$~~

Location Map:



Sheen: (none) slight moderate abundant

Odor: (none) slight moderate strong

Time		Temperature °C	pH pH units	Conductivity umhos/cm	Comments:
0950		7.1	6.15	212	Silty
~~1130~~ BAC					

Time: 1015 **Sample ID:** Ø1NE Ø3WP102 (primary) dup triplicate ms/msd

Time: **Sample ID:** Ø1NE _____ primary dup triplicate ms/msd

Time: **Sample ID:** Ø1NE _____ primary dup triplicate ms/msd

Field Tests:	Turbidity NTU	Nitrate mg/L	Ferrous Iron mg/L	ORP mV	Dissolved Oxygen mg/L
Time:			N/A		
Time:					
Time:					

Laboratory Tests: (DRO RRO) GRO BTEX VOC PAH PCB
Alkalinity Sulfate Methane/Ethane/Ethene

GROUNDWATER SAMPLING FIELD NOTE FORM

Project Number: 1850574.260120 | Well ID: Wp 3-3

Project: NEC 2001 Phase III RI | **Client:** USAED

Date: 8-25-01 | **Time:** 1045 | **Sampler(s):** Bonnie McLean/Melissa Marshall

Well type: (Well Point) Other:

Well condition: (New)

Protective casing height (ft ags): None

Steel casing height (ft ags):

Well depth ~~below top of steel~~ (ft): Dt 2,84 bgs

Water level ~~below top of steel~~ (ft): 0,2 bgs

Water column height (ft): 2,82

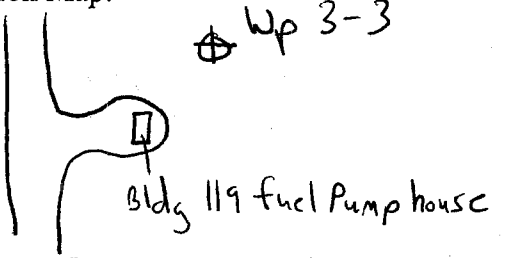
Steel casing ID (in): 2"

Sampling Method/Equipment:
New disposible teflon ¾" bailer

~~**Minimum purge volume calculation:**~~

One well volume (gal) = ~~0.163A(B/2)² = C~~

Location Map:



Sheen: (none) slight moderate abundant

Odor: (none) slight moderate strong

Time		Temperature °C	pH pH units	Conductivity umhos/cm	Comments:
1130		6,5	6,5	145	Silty

Time: 8-25-01-1130 **Sample ID:** Ø1NE Ø3WP1Ø3 (primary) dup triplicate ms/msd

Time: **Sample ID:** Ø1NE _____ primary dup triplicate ms/msd

Time: **Sample ID:** Ø1NE _____ primary dup triplicate ms/msd

Field Tests:	Turbidity NTU	Nitrate mg/L	Ferrous Iron mg/L	ORP mV	Dissolved Oxygen mg/L
Time:			N/A		
Time:					
Time:					

Laboratory Tests: (DRO) (RRO) GRO BTEX VOC PAH PCB
Alkalinity Sulfate Methane/Ethane/Ethene

GROUNDWATER SAMPLING FIELD NOTE FORM

Project Number:	Well ID:
1850574.260120	Wp 3-34

Project: NEC 2001 Phase III RI | **Client:** USAED

Date: 8-25-01 | **Time:** 1115 | **Sampler(s):** Bonnie McLean/Melissa Markell

Well type: (Well Point) Other:

Well condition: (New)

Protective casing height (ft ags): None

Steel casing height (ft ags):

Well depth ~~below top of steel~~ (ft): Dt 2,93 bgs

Water level ~~below top of steel~~ (ft): 1,67 bgs

Water column height (ft): 1,26

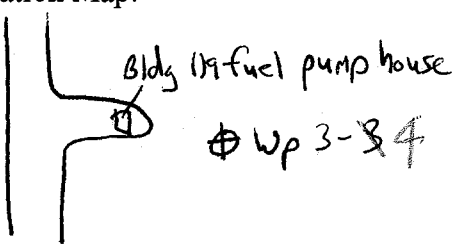
Steel casing ID (in): 2

Sampling Method/Equipment:
New disposible teflon ¾" bailer

~~**Minimum purge volume calculation:**~~

One well volume (gal) = $0.163A(B/2)^2 = C$

Location Map:



Sheen: (none) slight moderate abundant

Odor: none slight moderate strong

Time		Temperature °C	pH pH units	Conductivity umhos/cm	Comments:
1145		5,2	6,4	150	Silty

Time: 1145	**Sample ID:** Ø1NE Ø3 WP1 Ø4 (primary) dup triplicate ms/msd
Time:	**Sample ID:** Ø1NE _____ primary dup triplicate ms/msd
Time:	**Sample ID:** Ø1NE _____ primary dup triplicate ms/msd

Field Tests:	Turbidity NTU	Nitrate mg/L	Ferrous Iron mg/L	ORP mV	Dissolved Oxygen mg/L
Time:			N/A		
Time:					
Time:					

Laboratory Tests:	(DRO) (RRO) GRO BTEX VOC PAH PCB Alkalinity Sulfate Methane/Ethane/Ethene

GROUNDWATER SAMPLING FIELD NOTE FORM

Project Number:	Well ID:
1850574.260120	Wp 4-2

Project: NEC 2001 Phase III RI | **Client:** USAED

Date: 8-25-01 | **Time:** 1200 | **Sampler(s):** Bonnie Mclean/Melissa Martell

Well type: (Well Point) Other:

Well condition: (New)

Protective casing height (ft ags): None

Steel casing height (ft ags): 3,32

Well depth below top of steel (ft): Dt 6,25

Water level below top of steel (ft): 4.5

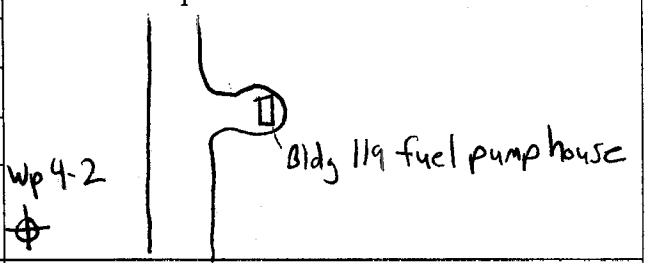
Water column height (ft): 1,75

Steel casing ID (in): 2

Sampling Method/Equipment:
New disposible teflon ¾" bailer

~~Minimum~~ purge volume calculation:
One well volume (gal) = ~~0.163~~A(B/2)^2 = C

Location Map:



Sheen: (none) slight moderate abundant

Odor: none slight moderate strong

Time		Temperature °C	pH pH units	Conductivity umhos/cm	Comments:
1350		~~6~~ 12.0	6,2	165	Silty
	1358				

Time: ~~8~~ 1200 | **Sample ID:** Ø1NE Ø4WP1Ø2 (primary) dup triplicate ms/msd

Time: | **Sample ID:** Ø1NE _____ primary dup triplicate ms/msd

Time: | **Sample ID:** Ø1NE _____ primary dup triplicate ms/msd

Field Tests:	Turbidity NTU	Nitrate mg/L	Ferrous Iron mg/L	ORP mV	Dissolved Oxygen mg/L
Time:			N/A		
Time:					
Time:					

Laboratory Tests: (DRO) (RRO) GRO BTEX VOC PAH PCB
Alkalinity Sulfate Methane/Ethane/Ethene

GROUNDWATER SAMPLING FIELD NOTE FORM

Project Number: 1850574.260120

Well ID: Wp 4-3

Project: NEC 2001 Phase III RI

Client: USAED

Date: 8-26-01 **Time:** 1345 **Sampler(s):** Bonnie Mclean/Melissa Markell

Well type: (Well Point) Other:

Well condition: (New)

Protective casing height (ft ags): None

Steel casing height (ft ags):

Well depth below top of steel (ft): Dt 6,35

Water level below top of steel (ft): 3,45

Water column height (ft): 2,9

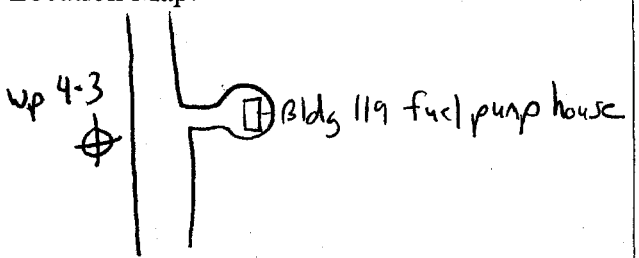
Steel casing ID (in): 2"

Sampling Method/Equipment:
New disposible teflon ¾" bailer

~~Minimum purge volume calculation:~~

One well volume (gal) = ~~0.163A(B/2)^2~~ = C

Location Map:



Sheen: (none) slight moderate abundant

Odor: none slight moderate strong

Time		Temperature °C	pH pH units	Conductivity umhos/cm	Comments:
1345		5,0	6,2	195	Very Silty

Time: 1345 **Sample ID:** Ø1NE Ø4WP1Ø3 (primary) dup triplicate ms/msd

Time: **Sample ID:** Ø1NE _____ primary dup triplicate ms/msd

Time: **Sample ID:** Ø1NE _____ primary dup triplicate ms/msd

Field Tests:	Turbidity NTU	Nitrate mg/L	Ferrous Iron mg/L	ORP mV	Dissolved Oxygen mg/L
Time:			N/A		
Time:					
Time:					

Laboratory Tests: (DRO) (RRO) GRO BTEX VOC PAH PCB
Alkalinity Sulfate Methane/Ethane/Ethene

GROUNDWATER SAMPLING FIELD NOTE FORM

Project Number:	Well ID:
1850574.260120	Wp 4-4

Project: NEC 2001 Phase III RI | **Client:** USAED

Date: 8-25-01 | **Time:** 1500 | **Sampler(s):** Bonnie Mclean/Melissa Markell

Well type: (Well Point) Other:

Well condition: (New)

Protective casing height (ft ags): None

Steel casing height (ft ags): 3,26

Well depth below top of steel (ft): Dt 6,25

Water level below top of steel (ft): 3,49

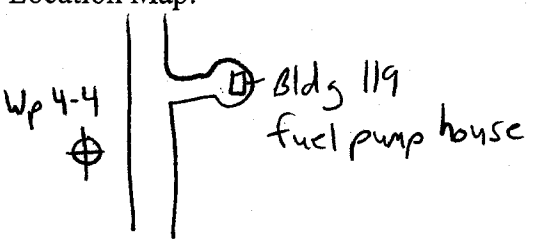
Water column height (ft): 2,76

Steel casing ID (in): 2

Sampling Method/Equipment:
New disposible teflon ¾" bailer

Minimum purge volume calculation:
One well volume (gal) = $0.163A(B/2)^2 = C$

Location Map:



Sheen: none slight moderate abundant

Odor: none slight moderate strong

Time		Temperature °C	pH pH units	Conductivity umhos/cm	Comments:
1340		5.0	6.1	175	Very Silty

Time: bgs 1500 1340	**Sample ID:** Ø1NE Ø4WP1Ø4 (primary) dup triplicate ms/msd
Time:	**Sample ID:** Ø1NE _____ primary dup triplicate ms/msd
Time:	**Sample ID:** Ø1NE _____ primary dup triplicate ms/msd

Field Tests:	Turbidity NTU	Nitrate mg/L	Ferrous Iron mg/L	ORP mV	Dissolved Oxygen mg/L
Time:			N/A		
Time:					
Time:					

Laboratory Tests: (DRO) (RRO) GRO BTEX VOC PAH PCB
Alkalinity Sulfate Methane/Ethane/Ethene

GROUNDWATER SAMPLING FIELD NOTE FORM	Project Number: 1850574.260120	Well ID: Wp 6-2

Project: NEC 2001 Phase III RI	**Client:** USAED	
Date: 8-27-01	**Time:** 1411	**Sampler(s):** William O'Connell
Well type: (Well Point) Other:		
Well condition: (New)		
Protective casing height (ft ags): None	**Minimum purge volume calculation:**	
Steel casing height (ft ags): 2,31	One well volume (gal) = $0.163A(B/2)^2 = C$	
Well depth below top of steel (ft): Dt ~~6.10~~ NA	Location Map: Wp6-2, Pond, N	
Water level below top of steel (ft): ~~6.12~~ NA		
Water column height (ft):		
Steel casing ID (in): 2		
Sampling Method/Equipment: New disposible teflon ¾" bailer		
Sheen: (none) slight moderate abundant	**Odor:** (none) slight moderate strong	

Time		Temperature °C	pH pH units	Conductivity umhos/cm	Comments:
1411		5.5	6.16	125	

Time: 1411	**Sample ID:** Ø1NE Ø6WP1Ø2 (primary) dup triplicate ms/msd
Time:	**Sample ID:** Ø1NE _____ primary dup triplicate ms/msd
Time:	**Sample ID:** Ø1NE _____ primary dup triplicate ms/msd

Field Tests:	**Turbidity NTU**	**Nitrate mg/L**	**Ferrous Iron mg/L**	**ORP mV**	**Dissolved Oxygen mg/L**
Time: 1411	1000+		N/A		8.2
Time:					
Time:					

Laboratory Tests:	(DRO) (RRO) GRO BTEX VOC ~~PAH~~ ~~PCB~~ Alkalinity Sulfate Methane/Ethane/Ethene

GROUNDWATER SAMPLING FIELD NOTE FORM

Project Number: 1850574.260120

Well ID: Wp 6-3

Project: NEC 2001 Phase III RI

Client: USAED

Date: 8-25-01

Time: 1700

Sampler(s): Bonnie McLean/Melissa Martell

Well type: (Well Point) Other:

Well condition: (New)

Protective casing height (ft ags): None

Steel casing height (ft ags): 2.03

Well depth below top of steel (ft): Dt NA

Water level below top of steel (ft): NA

Water column height (ft): NA

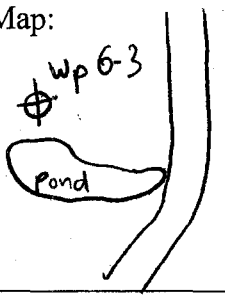
Steel casing ID (in): 2

Sampling Method/Equipment:
New disposible teflon ¾" bailer

Minimum purge volume calculation:

One well volume (gal) = $0.163A(B/2)^2 = C$

Location Map:



Sheen: none slight moderate abundant

Odor: none slight moderate strong

Time		Temperature °C	pH pH units	Conductivity umhos/cm	Comments:
1050		5.9	6.2	131	

Time: 1700 **Sample ID:** Ø1NE Ø6WP1Ø3 (primary) dup triplicate ms/msd

Time: **Sample ID:** Ø1NE _____ primary dup triplicate ms/msd

Time: **Sample ID:** Ø1NE _____ primary dup triplicate ms/msd

Field Tests:	Turbidity NTU	Nitrate mg/L	Ferrous Iron mg/L	ORP mV	Dissolved Oxygen mg/L
Time: 1050	190		N/A		10.2
Time:					
Time:					

Laboratory Tests: (DRO) (RRO) (GRO) (BTEX) VOC PAH (PCB) (Metals TAL)
Alkalinity Sulfate Methane/Ethane/Ethene

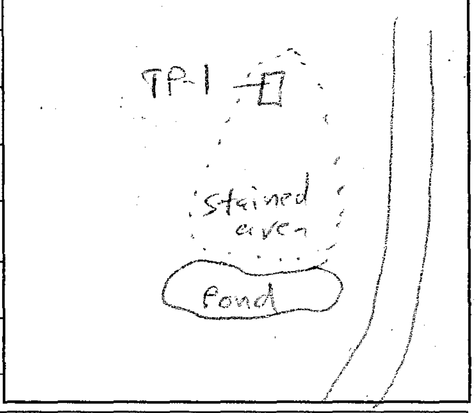
SOIL SAMPLING FIELD NOTE FORM	Project Number: 1850574.260120	Sample Location: TP 6-1

Project: Northeast Cape 2001 Phase III RI

Site: #6 Cargo Beach Rd, Drum field

Client: United States Army Engineer District – Alaska

MAP



FIELD INFORMATION

Date: 8-18-01 | **Sampler(s):** Bonnie Mclean

Sampling Equipment: Stainless Steel Spoon

SAMPLE INFORMATION

Time: 1106	**Depth Interval:** 5.3' bgs ft	**PID:** 37.0 ppm	
Sample ID: Ø1NE06TP101	primary (circled) duplicate triplicate ms/msd (circled)		
Time: 1105	**Depth Interval:** 5.3' bgs ft	**PID:** 37.0 ppm	
Sample ID: Ø1NE06TP201	primary duplicate (circled) triplicate ms/msd		
Time: 1110	**Depth Interval:** 5.3' bgs ft	**PID:** 37.0 ppm	
Sample ID: Ø1NE06NE301	primary duplicate triplicate (circled) ms/msd		
Time:	**Depth Interval:** ft	**PID:** ppm	
Sample ID: Ø1NE_ _ _ _ _ _ _	primary duplicate triplicate ms/msd		
Time:	**Depth Interval:** ft	**PID:** ppm	
Sample ID: Ø1NE_ _ _ _ _ _ _	primary duplicate triplicate ms/msd		
Time:	**Depth Interval:** ft	**PID:** ppm	
Sample ID: Ø1NE_ _ _ _ _ _ _	primary duplicate triplicate ms/msd		
Time:	**Depth Interval:** ft	**PID:** ppm	
Sample ID: Ø1NE_ _ _ _ _ _ _	primary duplicate triplicate ms/msd		
Time:	**Depth Interval:** ft	**PID:** ppm	
Sample ID: Ø1NE_ _ _ _ _ _ _	primary duplicate triplicate ms/msd		
Time:	**Depth Interval:** ft	**PID:** ppm	
Sample ID: Ø1NE_ _ _ _ _ _ _	primary duplicate triplicate ms/msd		

Analyses: DRO (circled) RRO (circled) GRO BTEX VOC PAH PCB Pest. TALmetal Pb Zn Cr TOC (circled) Geotech

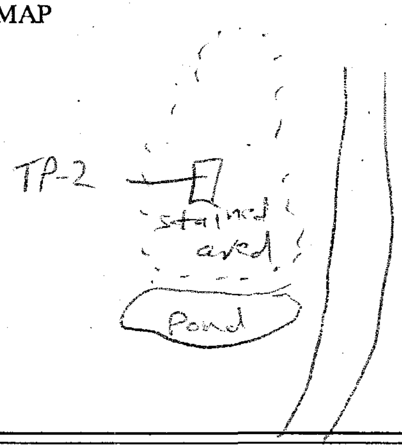
SOIL SAMPLING FIELD NOTE FORM	Project Number: 1850574.260120	Sample Location: TP6-2

Project: Northeast Cape 2001 Phase III RI

Site: #6 Cargo Beach Rd, Drum Field

Client: United States Army Engineer District – Alaska

MAP



FIELD INFORMATION	
Date: 8-18-01	**Sampler(s):** Bonnie McLean
Sampling Equipment: Stainless steel spoon	

SAMPLE INFORMATION

Time: 1200	**Depth Interval:** 5.0' ft	**PID:** 52 ppm	
Sample ID: Ø1NE 0 6 T P 1 0 2	(primary) duplicate triplicate ms/msd		
Time:	**Depth Interval:** ft	**PID:** ppm	
Sample ID: Ø1NE__ __ __ __ __ __ __	primary duplicate triplicate ms/msd		
Time:	**Depth Interval:** ft	**PID:** ppm	
Sample ID: Ø1NE__ __ __ __ __ __ __	primary duplicate triplicate ms/msd		
Time:	**Depth Interval:** ft	**PID:** ppm	
Sample ID: Ø1NE__ __ __ __ __ __ __	primary duplicate triplicate ms/msd		
Time:	**Depth Interval:** ft	**PID:** ppm	
Sample ID: Ø1NE__ __ __ __ __ __ __	primary duplicate triplicate ms/msd		
Time:	**Depth Interval:** ft	**PID:** ppm	
Sample ID: Ø1NE__ __ __ __ __ __ __	primary duplicate triplicate ms/msd		
Time:	**Depth Interval:** ft	**PID:** ppm	
Sample ID: Ø1NE__ __ __ __ __ __ __	primary duplicate triplicate ms/msd		
Time:	**Depth Interval:** ft	**PID:** ppm	
Sample ID: Ø1NE__ __ __ __ __ __ __	primary duplicate triplicate ms/msd		
Time:	**Depth Interval:** ft	**PID:** ppm	
Sample ID: Ø1NE__ __ __ __ __ __ __	primary duplicate triplicate ms/msd		

Analyses: (DRO) (RRO) GRO BTEX VOC PAH PCB Pest. TALmetal Pb Zn Cr (TOC) Geotech

SURFACE WATER AND SEDIMENT SAMPLING FIELD NOTE FORM	Project Number: 1850574.260110	Sample Location: Site 6	Page 1 of
Project: NEC 2001 Phase III RI	**Client:** USAED - Alaska		
Date: 8-18-01	**Sampler(s):** Mclean		

SURFACE WATER SAMPLE INFORMATION

Stream Name: NA		**Depth:** NA ft		**Width:** NA ft	
Appearance: NA					
Cross-Section Number/Location (if applicable):					
Collection method: Disposable Teflon dipper		**Temp. ° C:**		**Cond. (umhos/cm):**	
		pH:		**CS Collection Point:**	
Sheen: none slight moderate abundant			**Odor:** none slight moderate strong		
Time: 1600	**Depth:** 3"	**Sample ID: Ø1NE** 0 6 S W 1 1 6 prime (circled) dup trip split ms/msd			
Time:	**Depth:**	**Sample ID: Ø1NE** __ __ __ __ __ __ __ prime dup trip split ms/msd			
Time:	**Depth:**	**Sample ID: Ø1NE** __ __ __ __ __ __ __ prime dup trip split ms/msd			
Laboratory Tests: DRO (circled) RRO (circled) GRO BTEX VOC SVOC PAH PCB TAL metals					

SEDIMENT SAMPLE INFORMATION

Collection method: SS Spoon

Cross-Section Number/Location (if applicable):

Time	Depth	Point	Sample ID	Type
Time: 1600	**Depth:** 0-6"	**Point:**	**Sample ID: Ø1NE** 0 6 S D 1 1 6	prime (circled) dup trip split ms/msd
Time: 1630	**Depth:** 0-6"	**Point:**	**Sample ID: Ø1NE** 0 6 S D 1 1 7	prime (circled) dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID: Ø1NE** __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID: Ø1NE** __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID: Ø1NE** __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID: Ø1NE** __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID: Ø1NE** __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID: Ø1NE** __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID: Ø1NE** __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID: Ø1NE** __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID: Ø1NE** __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID: Ø1NE** __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID: Ø1NE** __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID: Ø1NE** __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID: Ø1NE** __ __ __ __ __ __ __	prime dup trip split ms/msd

Laboratory Tests: DRO (circled) RRO (circled) GRO (circled) BTEX (circled) VOC PAH PCB (circled) Pesticides TAL metals (circled) Pb Zn Cr TOC Geotech

GROUNDWATER SAMPLING FIELD NOTE FORM

Project Number:	Well ID:
1850574.260120	WP7-1

Project: NEC 2001 Phase III RI | **Client:** USAED

Date: 8-28-01 | **Time:** 1000 | **Sampler(s):** William O'Connell

Well type: Monitoring Well (Well Point) Other:

Well condition: Good

Protective casing height (ft ags): NA

PVC casing height (ft ags): NA

Well depth below top of PVC (ft): NA

Water level below top of PVC (ft): NA

Water column height (ft): = A

PVC casing ID (in): = B

Purging Method/Equipment:

Minimum purge volume calculation:

One well volume (gal) = $0.163A(B/2)^2 = C$

Minimum purge volume = C x 3

Calculation:

Sheen: (none) slight moderate abundant

Odor: (none) slight moderate strong

Gallons	Time	Temperature °C	pH pH units	Conductivity umhos/cm	Comments
	8-26 1445	6.0	6.7	71	Silty
					*Sampled over
					3 days due to
					low water

Time: 1000 **Sample ID:** Ø1NE 07WP101 (primary) dup triplicate ms/msd

Time: **Sample ID:** Ø1NE _____ primary dup triplicate ms/msd

Time: **Sample ID:** Ø1NE _____ primary dup triplicate ms/msd

Field Tests:	Turbidity NTU	Nitrate mg/L	Ferrous Iron mg/L	ORP mV	Dissolved Oxygen mg/L
Time:					
Time:					
Time:					

Laboratory Tests: (DRO) (RRO) GRO BTEX Alkalinity Sulfate Methane/Ethane/Ethene

(PCB PAH Metals)

GROUNDWATER SAMPLING FIELD NOTE FORM

Project Number:	Well ID:
1850574.260120	WP 7-2

Project: NEC 2001 Phase III RI | **Client:** USAED

Date: 8-27-01 | **Time:** 1700 | **Sampler(s):** Bill OConnell

Well type: Monitoring Well Well Point (Other:) Pit 36" BGS

Well condition:

Protective casing height (ft ags): NA

PVC casing height (ft ags): NA

Well depth below top of PVC (ft): NA

Water level below top of PVC (ft): NA

Water column height (ft): = A

PVC casing ID (in): = B

Purging Method/Equipment: Disposable Dipper

Minimum purge volume calculation:

One well volume (gal) = $0.163A(B/2)^2 = C$

Minimum purge volume = C x 3

Calculation:

Sheen: (none) slight moderate abundant

Odor: (none) slight moderate strong

Gallons	Time	Temperature °C	pH pH units	Conductivity umhos/cm	Comments

Time: 1700 **Sample ID:** Ø1NE Ø7WP102 (primary) dup triplicate ms/msd

Time: 1705 **Sample ID:** Ø1NE Ø7WP202 primary (dup) triplicate ms/msd

Time: **Sample ID:** Ø1NE _____ primary dup triplicate ms/msd

Field Tests:	Turbidity NTU	Nitrate mg/L	Ferrous Iron mg/L	ORP mV	Dissolved Oxygen mg/L
Time:					
Time:					
Time:					

Laboratory Tests: (DRO) (RRO) (GRO) (BTEX) Alkalinity Sulfate Methane/Ethane/Ethene

(PCB, PAH)

GROUNDWATER SAMPLING FIELD NOTE FORM

Project Number:	Well ID:
1850574.260120	WP 7-3

Project: NEC 2001 Phase III RI **Client:** USAED

Date: 8-27-01 **Time:** 1430 **Sampler(s):** Bill O'Connell

Well type: Monitoring Well Well Point (Other: Pit 40'BGS)

Well condition:

Protective casing height (ft ags): NA

PVC casing height (ft ags): NA

Well depth below top of PVC (ft): NA

Water level below top of PVC (ft): NA

Water column height (ft): = A

PVC casing ID (in): = B

Purging Method/Equipment: Disposable Dipper

Minimum purge volume calculation:

One well volume (gal) = $0.163A(B/2)^2 = C$

Minimum purge volume = C x 3

Calculation:

Sheen: (none) slight moderate abundant

Odor: (none) slight moderate strong

Gallons	Time	Temperature °C	pH pH units	Conductivity umhos/cm	Comments
No Parameters Taken					

Time: 1430	**Sample ID:** Ø1NE Ø2WP103 (primary) dup triplicate ms/msd
Time:	**Sample ID:** Ø1NE _____ primary dup triplicate ms/msd
Time:	**Sample ID:** Ø1NE _____ primary dup triplicate ms/msd

Field Tests:	Turbidity NTU	Nitrate mg/L	Ferrous Iron mg/L	ORP mV	Dissolved Oxygen mg/L
Time:					
Time:					
Time:					

Laboratory Tests: (DRO) (RRO) (GRO) (BTEX) Alkalinity Sulfate Methane/Ethane/Ethene

(PAH) (TAL-metals)

SURFACE WATER AND SEDIMENT SAMPLING FIELD NOTE FORM	Project Number: 1850574.260110	Sample Location: 07SW/SD104	Page 1 of 1

Project: NEC 2001 Phase III RI	**Client:** USAED - Alaska
Date: 8-19-01	**Sampler(s):** Bonnie Mclean

SURFACE WATER SAMPLE INFORMATION

Stream Name: Pond W. of landfill	**Depth:** ~~NA~~ 1-1.5 ft	**Width:** NA ft

Appearance: Debris filled, Rocky

Cross-Section Number/Location (if applicable):

Collection method: Disposable Teflon dipper	**Temp. ° C:** 8,0	**Cond. (umhos/cm):** 401
	pH: 7,21	**CS Collection Point:**

Sheen: (none) slight moderate abundant	**Odor:** (none) slight moderate strong

Time: 1330	**Depth:** 1-1.5'	**Sample ID:** Ø1NE 0 7 S W 1 0 4 (prime) dup trip split ms/msd
Time:	**Depth:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
Time:	**Depth:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd

Laboratory Tests: DRO RRO GRO BTEX VOC SVOC PAH PCB TAL metals

SEDIMENT SAMPLE INFORMATION

Collection method: Stainless Steel Spoon

Cross-Section Number/Location (if applicable):

Time: 1330	**Depth:** 0-6"	**Point:**	**Sample ID:** Ø1NE 0 7 S D 1 0 4 (prime) dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd

Laboratory Tests: (DRO) (RRO) (GRO) (BTEX) (VOC) (PAH) (PCB) Pesticides (TAL metals) Pb Zn Cr TOC Geotech

SURFACE WATER AND SEDIMENT SAMPLING FIELD NOTE FORM	Project Number: 1850574.260110	Sample Location: 07SW/SD105	Page 1 of 1
Project: NEC 2001 Phase III RI	**Client:** USAED - Alaska		
Date: 8-19-01	**Sampler(s):** Bonnie Mclean		

SURFACE WATER SAMPLE INFORMATION

Stream Name: Pond E. of landfill	**Depth:** 0.5 ft	**Width:** NA ft
Appearance: Shallow, organic silty bottom		
Cross-Section Number/Location (if applicable):		
Collection method: Disposable Teflon dipper	**Temp. ° C:** 6.2	**Cond. (umhos/cm):** 505
	pH: 7.84	**CS Collection Point:**
Sheen: none slight moderate abundant	**Odor:** none slight moderate strong	

Time: 1500	**Depth:** 0.5'	**Sample ID:** Ø1NE 07SW105 (prime) dup trip split ms/msd
Time:	**Depth:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
Time:	**Depth:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd

Laboratory Tests: (DRO) (RRO) GRO BTEX VOC SVOC (PAH) (PCB) (TAL metals)

SEDIMENT SAMPLE INFORMATION

Collection method:

Cross-Section Number/Location (if applicable):

Time: 1530	**Depth:** Surface	**Point:**	**Sample ID:** Ø1NE 07SD107 (prime) dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd

Laboratory Tests: (DRO) (RRO) (GRO) (BTEX) (VOC) (PAH) (PCB) Pesticides (TAL metals) Pb Zn Cr TOC Geotech

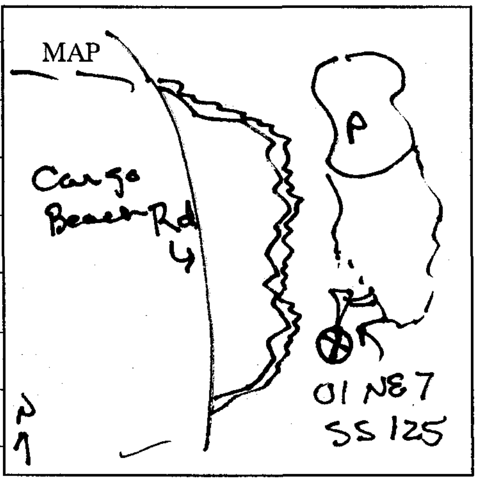
SOIL SAMPLING FIELD NOTE FORM	Project Number: 1850574.260120	Sample Location: Site 7 - SS 125

Project: Northeast Cape 2001 Phase III RI

Site: Site 7 – Cargo Beach Landfill

Client: United States Army Engineer District – Alaska

MAP



FIELD INFORMATION

Date: 8-19-01	**Sampler(s):** Bg
Sampling Equipment: S.S. spoon	

SAMPLE INFORMATION

Time: 1115	**Depth Interval:** 0-0.5' ft	**PID:** Ø ppm	
Sample ID: Ø1NE 07 SS 125	primary duplicate triplicate ms/msd		
Time:	**Depth Interval:** ft	**PID:** ppm	
Sample ID: Ø1NE__ __ __ __ __ __ __	primary duplicate triplicate ms/msd		
Time:	**Depth Interval:** ft	**PID:** ppm	
Sample ID: Ø1NE__ __ __ __ __ __ __	primary duplicate triplicate ms/msd		
Time:	**Depth Interval:** ft	**PID:** ppm	
Sample ID: Ø1NE__ __ __ __ __ __ __	primary duplicate triplicate ms/msd		
Time:	**Depth Interval:** ft	**PID:** ppm	
Sample ID: Ø1NE__ __ __ __ __ __ __	primary duplicate triplicate ms/msd		
Time:	**Depth Interval:** ft	**PID:** ppm	
Sample ID: Ø1NE__ __ __ __ __ __ __	primary duplicate triplicate ms/msd		
Time:	**Depth Interval:** ft	**PID:** ppm	
Sample ID: Ø1NE__ __ __ __ __ __ __	primary duplicate triplicate ms/msd		
Time:	**Depth Interval:** ft	**PID:** ppm	
Sample ID: Ø1NE__ __ __ __ __ __ __	primary duplicate triplicate ms/msd		
Time:	**Depth Interval:** ft	**PID:** ppm	
Sample ID: Ø1NE__ __ __ __ __ __ __	primary duplicate triplicate ms/msd		

Analyses: DRO RRO GRO BTEX VOC PAH PCB Pest. TALmetal Pb Zn Cr TOC Geotech

gravel mix; dark red sandy silt; rust particles mix; CoC # 01 NECC09

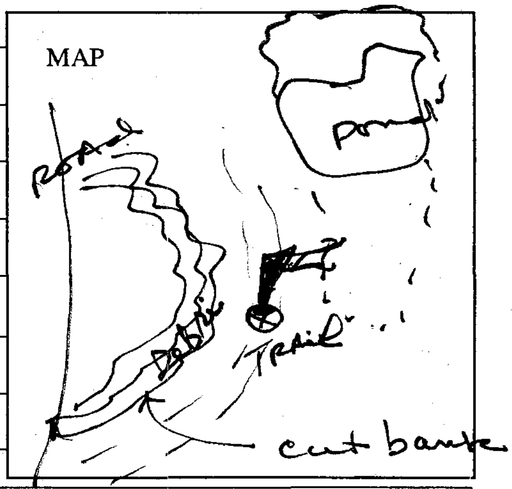
SOIL SAMPLING FIELD NOTE FORM	Project Number: 1850574.260120	Sample Location: Site 7 – SS126

Project: Northeast Cape 2001 Phase III RI

Site: Site 7 – Cargo Beach Rd Landfill

Client: United States Army Engineer District – Alaska

MAP



FIELD INFORMATION

Date: 8-19-01	**Sampler(s):** B McLean
Sampling Equipment: S.S. spoon	

SAMPLE INFORMATION

Time: 1130 **Depth Interval:** 0-.5' ft **PID:** 27 ppm	Sample ID: Ø1NE Ø7SS126 (primary) duplicate triplicate ms/msd
Time: **Depth Interval:** ft **PID:** ppm	Sample ID: Ø1NE_ _ _ _ _ _ _ primary duplicate triplicate ms/msd
Time: **Depth Interval:** ft **PID:** ppm	Sample ID: Ø1NE_ _ _ _ _ _ _ primary duplicate triplicate ms/msd
Time: **Depth Interval:** ft **PID:** ppm	Sample ID: Ø1NE_ _ _ _ _ _ _ primary duplicate triplicate ms/msd
Time: **Depth Interval:** ft **PID:** ppm	Sample ID: Ø1NE_ _ _ _ _ _ _ primary duplicate triplicate ms/msd
Time: **Depth Interval:** ft **PID:** ppm	Sample ID: Ø1NE_ _ _ _ _ _ _ primary duplicate triplicate ms/msd
Time: **Depth Interval:** ft **PID:** ppm	Sample ID: Ø1NE_ _ _ _ _ _ _ primary duplicate triplicate ms/msd
Time: **Depth Interval:** ft **PID:** ppm	Sample ID: Ø1NE_ _ _ _ _ _ _ primary duplicate triplicate ms/msd
Time: **Depth Interval:** ft **PID:** ppm	Sample ID: Ø1NE_ _ _ _ _ _ _ primary duplicate triplicate ms/msd

Analyses: (DRO RRO) GRO BTEX VOC (PAH) (PCB) Pest. (TALmetal) Pb Zn Cr TOC Geotech

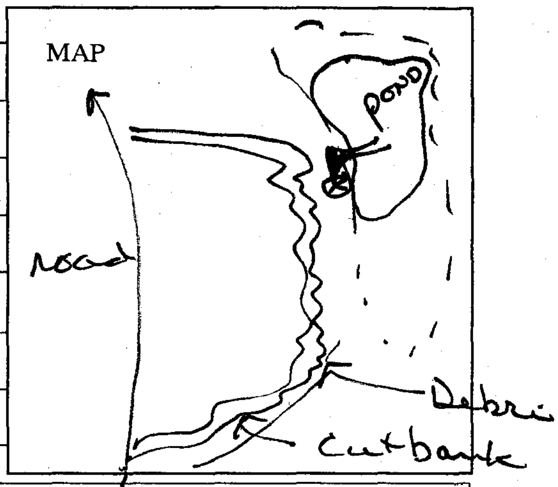
med. sandy, rust particles mix ; (CoC # 01 NEC09)

SOIL SAMPLING FIELD NOTE FORM	Project Number: 1850574.260120	Sample Location: Site 7-SS127

Project: Northeast Cape 2001 Phase III RI

Site: Site 7-Cargo Beach Rd hand fill

Client: United States Army Engineer District – Alaska



FIELD INFORMATION	
Date: 8-19-01	**Sampler(s):** B McLean
Sampling Equipment: S.S. spoon.	

SAMPLE INFORMATION

Time: 1145	**Depth Interval:** 0 - 0.5 ft	**PID:** 31 ppm	
Sample ID: Ø1NE 07 SS 1 27	primary (circled) duplicate triplicate ms/msd		
Time:	**Depth Interval:** ft	**PID:** ppm	
Sample ID: Ø1NE_ _ _ _ _ _ _ _	primary duplicate triplicate ms/msd		
Time:	**Depth Interval:** ft	**PID:** ppm	
Sample ID: Ø1NE_ _ _ _ _ _ _ _	primary duplicate triplicate ms/msd		
Time:	**Depth Interval:** ft	**PID:** ppm	
Sample ID: Ø1NE_ _ _ _ _ _ _ _	primary duplicate triplicate ms/msd		
Time:	**Depth Interval:** ft	**PID:** ppm	
Sample ID: Ø1NE_ _ _ _ _ _ _ _	primary duplicate triplicate ms/msd		
Time:	**Depth Interval:** ft	**PID:** ppm	
Sample ID: Ø1NE_ _ _ _ _ _ _ _	primary duplicate triplicate ms/msd		
Time:	**Depth Interval:** ft	**PID:** ppm	
Sample ID: Ø1NE_ _ _ _ _ _ _ _	primary duplicate triplicate ms/msd		
Time:	**Depth Interval:** ft	**PID:** ppm	
Sample ID: Ø1NE_ _ _ _ _ _ _ _	primary duplicate triplicate ms/msd		
Time:	**Depth Interval:** ft	**PID:** ppm	
Sample ID: Ø1NE_ _ _ _ _ _ _ _	primary duplicate triplicate ms/msd		

Analyses: DRO RRO GRO BTEX VOC PAH PCB Pest. TALmetal Pb Zn Cr TOC Geotech

Med. to fine sandy silt; dark brown (COC# 01 NEC09) reddish; high organic component with plant roots.

GROUNDWATER SAMPLING FIELD NOTE FORM

Project Number: 1850574.260120

Well ID: MW-9-3

Project: NEC 2001 Phase III RI **Client:** USAED

Date: 8-26-01 **Time:** 1015 **Sampler(s):** Bill O'Connell

Well type: (Monitoring Well) Well Point Other:

Well condition: Marginal

Protective casing height (ft ags): /

PVC casing height (ft ags): /

Well depth below top of PVC (ft): 9,94

Water level below top of PVC (ft): 4.29

Water column height (ft): 5,65 = A

PVC casing ID (in): 2 = B

Purging Method/Equipment: Bailer

Minimum purge volume calculation:

One well volume (gal) = $0.163A(B/2)^2 = C$

Minimum purge volume = C x 3

Calculation: = 2,76 gal

Sheen: (none) slight moderate abundant

Odor: (none) slight moderate strong

Gallons	Time	Temperature °C	pH pH units	Conductivity umhos/cm	Comments
.5	1015	5.5	7.1	148.0	Very Silty
					* Bailed dry
					then Samples

Time: 1015 **Sample ID:** Ø1NE 09MW103 (primary) dup triplicate ms/msd

Time: **Sample ID:** Ø1NE _____ primary dup triplicate ms/msd

Time: **Sample ID:** Ø1NE _____ primary dup triplicate ms/msd

Field Tests:	Turbidity NTU	Nitrate mg/L	Ferrous Iron mg/L	ORP mV	Dissolved Oxygen mg/L
Time:					
Time:					
Time:					

Laboratory Tests: DRO RRO (GRO) BTEX Alkalinity Sulfate Methane/Ethane/Ethene

(VOC)

GROUNDWATER SAMPLING FIELD NOTE FORM

Project Number:	Well ID:
1850574.260120	WP9-2

Project: NEC 2001 Phase III RI | **Client:** USAED

Date: 8-26-01 | **Time:** 0900 | **Sampler(s):** Bill OConnell

Well type: Monitoring Well (Well Point) Other:

Well condition: good

Protective casing height (ft ags):	**Minimum purge volume calculation:**
PVC casing height (ft ags):	One well volume (gal) = $0.163A(B/2)^2 = C$
Well depth below top of PVC (ft): 6.37	Minimum purge volume = C x 3
Water level below top of PVC (ft): 3.34	**Calculation:**
Water column height (ft): 3.03 = A	
PVC casing ID (in): = B	
Purging Method/Equipment:	

Sheen: none slight moderate abundant | **Odor:** none slight moderate strong

Gallons	Time	Temperature °C	pH pH units	Conductivity umhos/cm	Comments
.5	0900	9.0	6.4	70.0	

Time: 0900 **Sample ID:** Ø1NE 09WP102 (primary) dup triplicate ms/msd

Time: **Sample ID:** Ø1NE _____ primary dup triplicate ms/msd

Time: **Sample ID:** Ø1NE _____ primary dup triplicate ms/msd

Field Tests:	Turbidity NTU	Nitrate mg/L	Ferrous Iron mg/L	ORP mV	Dissolved Oxygen mg/L
Time:	9.28				11.0
Time:					
Time:					

Laboratory Tests: (DRO) (RRO) (GRO) (BTEX) Alkalinity Sulfate Methane/Ethane/Ethene

(PCB, PAH, Metals)

SURFACE WATER AND SEDIMENT SAMPLING FIELD NOTE FORM	Project Number: 1850574.260110	Sample Location: Site 9	Page 1 of

Project: NEC 2001 Phase III RI	**Client:** USAED - Alaska
Date: 8-25-01	**Sampler(s):** Bill O'Connell

SURFACE WATER SAMPLE INFORMATION

Stream Name: none	**Depth:** 0.5 ft	**Width:** 6.0 ft

Appearance: Marshy area near Cargo Beach Road Sub for WP 9-1

Cross-Section Number/Location (if applicable): —

Collection method: Disposable Teflon dipper	**Temp. ° C:** 9.0	**Cond. (umhos/cm):** 31.0
	pH: 6.80	**CS Collection Point:**

Sheen: (none) slight moderate abundant | **Odor:** (none) slight moderate strong

Time: 1720	**Depth:** 4"	**Sample ID:** Ø1NE Ø 9 S W 1 1 Ø (prime) dup trip split ms/msd
Time:	**Depth:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
Time:	**Depth:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd

Laboratory Tests: (DRO) (RRO) (GRO) (BTEX) VOC SVOC (PAH) (PCB) (TAL metals)

SEDIMENT SAMPLE INFORMATION

Collection method:

Cross-Section Number/Location (if applicable):

Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd

Laboratory Tests: DRO RRO GRO BTEX VOC PAH PCB Pesticides TAL metals Pb Zn Cr TOC Geotech

SURFACE WATER AND SEDIMENT SAMPLING FIELD NOTE FORM	Project Number: 1850574.260110	Sample Location: Site 9	Page 1 of 1
Project: NEC 2001 Phase III RI	**Client:** USAED - Alaska		
Date: 8-26-01	**Sampler(s):** Bill O'Connell		

SURFACE WATER SAMPLE INFORMATION

Stream Name: none	**Depth:** 1.5 ft	**Width:** 25 ft
Appearance: Small pond with Debris around edges, Sub for WP104		
Cross-Section Number/Location (if applicable):		
Collection method: Disposable Teflon dipper	**Temp. ° C:** 10.0	**Cond. (umhos/cm):** 31.0
	pH: 7.0	**CS Collection Point:**
Sheen: (none) slight moderate abundant	**Odor:** (none) slight moderate strong	
Time: 1115	**Depth:** 1.0 ft	**Sample ID:** Ø1NE Ø9SW111 (prime) dup trip split ms/msd
Time:	**Depth:**	**Sample ID:** Ø1NE ___ ___ ___ ___ ___ ___ ___ prime dup trip split ms/msd
Time:	**Depth:**	**Sample ID:** Ø1NE ___ ___ ___ ___ ___ ___ ___ prime dup trip split ms/msd
Laboratory Tests: (DRO) (RRO) (GRO) (BTEX) VOC SVOC (PAH) (PCB) (TAL metals)		

SEDIMENT SAMPLE INFORMATION

Collection method:

Cross-Section Number/Location (if applicable):

Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE ___ ___ ___ ___ ___ ___ ___ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE ___ ___ ___ ___ ___ ___ ___ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE ___ ___ ___ ___ ___ ___ ___ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE ___ ___ ___ ___ ___ ___ ___ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE ___ ___ ___ ___ ___ ___ ___ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE ___ ___ ___ ___ ___ ___ ___ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE ___ ___ ___ ___ ___ ___ ___ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE ___ ___ ___ ___ ___ ___ ___ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE ___ ___ ___ ___ ___ ___ ___ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE ___ ___ ___ ___ ___ ___ ___ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE ___ ___ ___ ___ ___ ___ ___ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE ___ ___ ___ ___ ___ ___ ___ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE ___ ___ ___ ___ ___ ___ ___ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE ___ ___ ___ ___ ___ ___ ___ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE ___ ___ ___ ___ ___ ___ ___ prime dup trip split ms/msd

Laboratory Tests: DRO RRO GRO BTEX VOC PAH PCB Pesticides TAL metals Pb Zn Cr TOC Geotech

SURFACE WATER AND SEDIMENT SAMPLING FIELD NOTE FORM	Project Number: 1850574.260110	Sample Location: Site 9	Page 1 of 1

Project: NEC 2001 Phase III RI	**Client:** USAED - Alaska
Date: 8-26-01	**Sampler(s):** Bill O'Connell

SURFACE WATER SAMPLE INFORMATION

Stream Name: –	**Depth:** 2.5 ft	**Width:** 6.0 ft
Appearance: Small pool in Drainage, sub for Wp 1Ø3		
Cross-Section Number/Location (if applicable):		
Collection method: Disposable Teflon dipper	**Temp. ° C:** 7.0	**Cond. (umhos/cm):** 30.0
	pH: 7.2	**CS Collection Point:**
Sheen: none slight moderate abundant	**Odor:** none slight moderate strong	

Time: 1315	**Depth:** .5 ft	**Sample ID:** Ø1NE Ø9SW112 prime dup trip split ms/msd
Time:	**Depth:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
Time:	**Depth:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd

Laboratory Tests: DRO RRO GRO BTEX VOC SVOC PAH PCB TAL metals

SEDIMENT SAMPLE INFORMATION

Collection method:

Cross-Section Number/Location (if applicable):

Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd

Laboratory Tests: ~~DRO RRO GRO BTEX~~ VOC PAH PCB Pesticides TAL metals Pb Zn Cr TOC Geotech

BO'C

SURFACE WATER AND SEDIMENT SAMPLING FIELD NOTE FORM	Project Number: 1850574.260110	Sample Location: 09SW/SD107	Page 1 of
Project: NEC 2001 Phase III RI	**Client:** USAED - Alaska		
Date: 8-23-01	**Sampler(s):** O'Connell / Markell		

SURFACE WATER SAMPLE INFORMATION

Stream Name: NA	**Depth:** 3" ft	**Width:** NA ft	
Appearance: SE side of Pond			
Cross-Section Number/Location (if applicable):			
Collection method: Disposable Teflon dipper	**Temp. ° C:** 7.1	**Cond. (umhos/cm):** 46.4	
	pH: 7.62	**CS Collection Point:**	
Sheen: none slight moderate abundant		**Odor:** none slight moderate strong	
Time: 1450	**Depth:** 3"	**Sample ID:** Ø1NE 0 9 S W 1 0 7	(prime) dup trip split (ms/msd)
Time: 1455	**Depth:** 3"	**Sample ID:** Ø1NE 0 9 S W 2 0 7	prime (dup) trip split ms/msd
Time: 1450	**Depth:** 3"	**Sample ID:** Ø1NE 0 9 S W 3 0 7	prime dup trip (split) ms/msd

Laboratory Tests: (DRO) (RRO) (GRO) BTEX (VOC) SVOC (PAH) (PCB) (TAL metals)

SEDIMENT SAMPLE INFORMATION

Collection method: Stainless Steel Spoon

Cross-Section Number/Location (if applicable):

Time: 1540	**Depth:** 0-6"	**Point:**	**Sample ID:** Ø1NE 0 9 S D 1 0 7	(prime) dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE ___ ___ ___ ___ ___ ___ ___	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE ___ ___ ___ ___ ___ ___ ___	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE ___ ___ ___ ___ ___ ___ ___	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE ___ ___ ___ ___ ___ ___ ___	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE ___ ___ ___ ___ ___ ___ ___	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE ___ ___ ___ ___ ___ ___ ___	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE ___ ___ ___ ___ ___ ___ ___	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE ___ ___ ___ ___ ___ ___ ___	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE ___ ___ ___ ___ ___ ___ ___	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE ___ ___ ___ ___ ___ ___ ___	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE ___ ___ ___ ___ ___ ___ ___	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE ___ ___ ___ ___ ___ ___ ___	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE ___ ___ ___ ___ ___ ___ ___	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE ___ ___ ___ ___ ___ ___ ___	prime dup trip split ms/msd

Laboratory Tests: (DRO) (RRO) GRO BTEX (VOC) (PAH) (PCB) Pesticides (TAL metals) Pb Zn Cr TOC Geotech

SURFACE WATER AND SEDIMENT SAMPLING FIELD NOTE FORM	Project Number: 1850574.260110	Sample Location: 09SW/SD108	Page 1 of
Project: NEC 2001 Phase III RI	**Client:** USAED - Alaska		
Date: 8-23-01	**Sampler(s):** O'Connell/Markell		

SURFACE WATER SAMPLE INFORMATION

Stream Name: NA	**Depth:** 3" ft	**Width:** NA ft	
Appearance: South of Pond			
Cross-Section Number/Location (if applicable):			
Collection method: Disposable Teflon dipper	**Temp. ° C:** 6.6	**Cond. (umhos/cm):** 48.7	
	pH: 7.43	**CS Collection Point:**	
Sheen: (none) slight moderate abundant		**Odor:** none slight moderate strong	
Time: 1555	**Depth:** 3"	**Sample ID:** Ø1NE 0 9 S W 1 0 8	(prime) dup trip split ms/msd
Time:	**Depth:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd

Laboratory Tests: (DRO) (RRO) (GRO) BTEX (VOC) SVOC (PAH) (PCB) (TAL metals)

SEDIMENT SAMPLE INFORMATION

Collection method: Stainless Steel Spoon

Cross-Section Number/Location (if applicable):

Time: 1610	**Depth:** 0-6"	**Point:**	**Sample ID:** Ø1NE 0 9 S D 1 0 8	(prime) dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd

Laboratory Tests: (DRO) (RRO) GRO BTEX (VOC) (PAH) (PCB) ~~(Pesticides)~~ (TAL metals) Pb Zn Cr TOC Geotech

Boc

SURFACE WATER AND SEDIMENT SAMPLING FIELD NOTE FORM	Project Number: 1850574.260110	Sample Location: 09SW/SD 109	Page 1 of
Project: NEC 2001 Phase III RI	**Client:** USAED - Alaska		
Date: 8-23-01	**Sampler(s):** O'Connell/Martell		

SURFACE WATER SAMPLE INFORMATION		
Stream Name: N/A	**Depth:** ft	**Width:** ft
Appearance: North of Pond Iron Precip. Debris along Pond shore		
Cross-Section Number/Location (if applicable):		
Collection method: Disposable Teflon dipper	**Temp. ° C:** 8.3	**Cond. (umhos/cm):** 51.6
	pH: 7.55	**CS Collection Point:**
Sheen: none slight moderate abundant	**Odor:** none slight moderate strong	
Time: 1650	**Depth:** 3"	**Sample ID:** Ø1NE 0 9 S W 1 0 9 (prime) dup trip split ms/msd
Time:	**Depth:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
Time:	**Depth:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
Laboratory Tests: (DRO) (RRO) (GRO) BTEX (VOC) SVOC (PAH) (PCB) (TAL metals)		

SEDIMENT SAMPLE INFORMATION			
Collection method: SS Spoon			
Cross-Section Number/Location (if applicable):			
Time: 1705	**Depth:** 6"	**Point:**	**Sample ID:** Ø1NE 0 9 S D 1 0 9 (prime) dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
Laboratory Tests: (DRO) (RRO) GRO BTEX (VOC) (PAH) (PCB) Pesticides (TAL metals) Pb Zn Cr TOC Geotech			

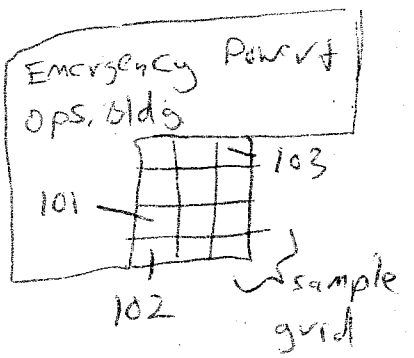
SOIL SAMPLING FIELD NOTE FORM	Project Number: 1850574.260120	Sample Location: 145510-103

Project: Northeast Cape 2001 Phase III RI

Site: ~~#14~~ Emergency Power/operations

Client: United States Army Engineer District – Alaska

MAP



FIELD INFORMATION

Date: 8-29-01 **Sampler(s):** Doug Quist

Sampling Equipment: SS Spoon

SAMPLE INFORMATION

Time: 1130 **Depth Interval:** 0-6" ft **PID:** ppm
Sample ID: Ø1NE 1 4 5 5 1 0 1 (primary) duplicate triplicate ms/msd

Time: 1135 **Depth Interval:** 0-6" ft **PID:** ppm
Sample ID: Ø1NE 1 4 5 5 1 0 2 (primary) duplicate triplicate ms/msd

Time: 1140 **Depth Interval:** 0-6" ft **PID:** ppm
Sample ID: Ø1NE 1 4 5 5 1 0 3 (primary) duplicate triplicate (ms/msd)

Time: 1145 **Depth Interval:** 0-6" ft **PID:** ppm
Sample ID: Ø1NE 1 4 5 5 2 0 3 primary (duplicate) triplicate ms/msd

Time: 1150 **Depth Interval:** 0-6" ft **PID:** ppm
Sample ID: Ø1NE 1 4 5 5 3 0 3 primary duplicate (triplicate) ms/msd

Time: **Depth Interval:** ft **PID:** ppm
Sample ID: Ø1NE _____ primary duplicate triplicate ms/msd

Time: **Depth Interval:** ft **PID:** ppm
Sample ID: Ø1NE _____ primary duplicate triplicate ms/msd

Time: **Depth Interval:** ft **PID:** ppm
Sample ID: Ø1NE _____ primary duplicate triplicate ms/msd

Time: **Depth Interval:** ft **PID:** ppm
Sample ID: Ø1NE _____ primary duplicate triplicate ms/msd

Analyses: DRO RRO GRO BTEX VOC PAH PCB Pest. TALmetal Pb Zn Cr TOC Geotech

SOIL SAMPLING FIELD NOTE FORM

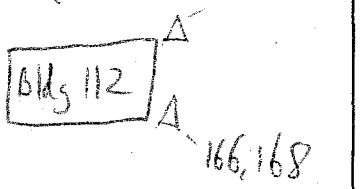
Project Number:	Sample Location:
1850574.260120	165S165-168

Project: Northeast Cape 2001 Phase III RI

Site: #16 Paint + Dope Storage Bldg

Client: United States Army Engineer District – Alaska

MAP N



FIELD INFORMATION

Date: 8-23-01 **Sampler(s):** O'Connell / Markle

Sampling Equipment: SS Spoon

SAMPLE INFORMATION

Time: 1355	**Depth Interval:** 0-6"				ft	**PID:**	ppm
Sample ID: Ø1NE 165S165	primary	duplicate	triplicate	ms/msd			
Time: 1415	**Depth Interval:** 0-6"				ft	**PID:**	ppm
Sample ID: Ø1NE 165S166	primary	duplicate	triplicate	ms/msd			
Time: 1420	**Depth Interval:** 0-6"				ft	**PID:**	ppm
Sample ID: Ø1NE 165S167	primary	duplicate	triplicate	ms/msd			
Time: 1425	**Depth Interval:** 0-6"				ft	**PID:**	ppm
Sample ID: Ø1NE 165S168	primary	duplicate	triplicate	ms/msd			
Time: 1400	**Depth Interval:** 0-6"				ft	**PID:**	ppm
Sample ID: Ø1NE 165S265	primary	duplicate	triplicate	ms/msd			
Time: 1400	**Depth Interval:** 0-6"				ft	**PID:**	ppm
Sample ID: Ø1NE 165S365	primary	duplicate	triplicate	ms/msd			
Time:	**Depth Interval:**				ft	**PID:**	ppm
Sample ID: Ø1NE _____	primary	duplicate	triplicate	ms/msd			
Time:	**Depth Interval:**				ft	**PID:**	ppm
Sample ID: Ø1NE _____	primary	duplicate	triplicate	ms/msd			
Time:	**Depth Interval:**				ft	**PID:**	ppm
Sample ID: Ø1NE _____	primary	duplicate	triplicate	ms/msd			

Analyses: DRO RRO GRO BTEX VOC PAH PCB Pest. TALmetal Pb Zn Cr TOC Geotech

GROUNDWATER SAMPLING FIELD NOTE FORM

Project Number:	Well ID:
1850574.260120	MW 16-1

Project: NEC 2001 Phase III RI | **Client:** USAED

Date: 8-23-01 | **Time:** 1105 | **Sampler(s):** Mark Tell

Well type: (Monitoring Well) Well Point Other:

Well condition: Good

Protective casing height (ft ags): 3.25	**Minimum purge volume calculation:**
PVC casing height (ft ags): 2.93	One well volume (gal) = $0.163A(B/2)^2 = C$
Well depth below top of PVC (ft): 16.76	Minimum purge volume = C x 3
Water level below top of PVC (ft): 13.59	**Calculation:** 1.5 gal
Water column height (ft): 3.17 = A	
PVC casing ID (in): 2" = B	
Purging Method/Equipment:	

Sheen: (none) slight moderate abundant

Odor: (none) slight moderate strong

Gallons	Time	Temperature °C	pH pH units	Conductivity umhos/cm	Comments
0.5	1118	3.1	7.22	244.9	
1.0	1120	2.6	7.07	204.5	
1.5	1123	2.5	7.01	201.9	
2.0	1126	2.3	6.96	189.8	
2.5	1130	2.5	6.95	190.4	

Time: 1135 **Sample ID:** Ø1NE 16GW101 (primary) dup triplicate ms/msd

Time: 1140 **Sample ID:** Ø1NE 16GW201 primary (dup) triplicate ms/msd

Time: 1135 **Sample ID:** Ø1NE 16GW301 primary dup (triplicate) ms/msd

Field Tests:	Turbidity NTU	Nitrate mg/L	Ferrous Iron mg/L	ORP mV	Dissolved Oxygen mg/L
Time:	49.2				
Time:					
Time:					

Laboratory Tests: DRO RRO (GRO) BTEX Alkalinity Sulfate Methane/Ethane/Ethene

BOC

SVOCs

GROUNDWATER SAMPLING FIELD NOTE FORM

Project Number:	Well ID:
1850574.260120	MW16-2

Project: NEC 2001 Phase III RI | **Client:** USAED

Date: 8-23-01 | **Time:** 0920 | **Sampler(s):** Markell

Well type: (Monitoring Well) Well Point Other:

Well condition: slightly jacked above protective Casing

Protective casing height (ft ags): 3.32	**Minimum purge volume calculation:**
PVC casing height (ft ags): 3.36	One well volume (gal) = $0.163A(B/2)^2 = C$
Well depth below top of PVC (ft): 16.65	Minimum purge volume = C x 3
Water level below top of PVC (ft): 13.25	**Calculation:** = 1.75 gal
Water column height (ft): 3.40 = A	
PVC casing ID (in): 2" = B	
Purging Method/Equipment:	

Sheen: (none) slight moderate abundant

Odor: (none) slight moderate strong

Gallons	Time	Temperature °C	pH pH units	Conductivity umhos/cm	Comments
0.55	0940	2.6	7.66	161.8	silty
1.20	0945	2.8	7.05	153.1	
2.0	0955	2.5	6.89	154.0	
2.5	0958	2.6	6.83	153.1	

Time: 1005	**Sample ID:** Ø1NE 16GW102 (primary) dup triplicate ms/msd
Time:	**Sample ID:** Ø1NE _____ primary dup triplicate ms/msd
Time:	**Sample ID:** Ø1NE _____ primary dup triplicate ms/msd

Field Tests:	Turbidity NTU	Nitrate mg/L	Ferrous Iron mg/L	ORP mV	Dissolved Oxygen mg/L
Time:	1000+				
Time:					
Time:					

Laboratory Tests: DRO RRO GRO BTEX Alkalinity Sulfate Methane/Ethane/Ethene

SVOC

GROUNDWATER SAMPLING FIELD NOTE FORM

Project Number:	Well ID:
1850574.260120	MW16-3

Project: NEC 2001 Phase III RI | **Client:** USAED

Date: 8-23-01 | **Time:** 1020 | **Sampler(s):** Archer

Well type: (Monitoring Well) Well Point Other:

Well condition: Good

Protective casing height (ft ags): 2.83	**Minimum purge volume calculation:**
PVC casing height (ft ags): 2.63	One well volume (gal) = $0.163A(B/2)^2 = C$
Well depth below top of PVC (ft): 17.28	Minimum purge volume = C x 3
Water level below top of PVC (ft): 13.81	**Calculation:** = 2.5 gal
Water column height (ft): 3.47 = A	
PVC casing ID (in): 2" = B	
Purging Method/Equipment:	

Sheen: (none) slight moderate abundant

Odor: (none) slight moderate strong

Gallons	Time	Temperature °C	pH pH units	Conductivity umhos/cm	Comments
.75	1035	3.3	7.45	155.5	
1.25	1037	2.2	7.22	148.0	
2.00	1040	2.2	7.14	145.5	
2.75	1043	2.4	7.10	141.7	
3.25	1045	2.1	7.06	142.5	

Time: 1045 **Sample ID:** Ø1NE 16GW103 (primary) dup triplicate ms/msd

Time: **Sample ID:** Ø1NE _____ primary dup triplicate ms/msd

Time: **Sample ID:** Ø1NE _____ primary dup triplicate ms/msd

Field Tests:	Turbidity NTU	Nitrate mg/L	Ferrous Iron mg/L	ORP mV	Dissolved Oxygen mg/L
Time:	119				
Time:					
Time:					

Laboratory Tests: DRO RRO GRO BTEX Alkalinity Sulfate Methane/Ethane/Ethene (SVOC)

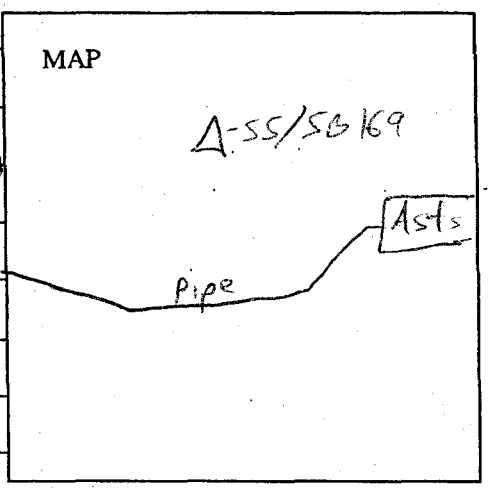
SOIL SAMPLING FIELD NOTE FORM	Project Number: 1850574.260120	Sample Location: 2155/SB169

Project: Northeast Cape 2001 Phase III RI

Site: 21 - Wastewater Treatment Facility

Client: United States Army Engineer District – Alaska

MAP



FIELD INFORMATION

Date: 8-24-01 **Sampler(s):** OConnell/Markell

Sampling Equipment: Hand Auger / SS Spoon

SAMPLE INFORMATION

Time: 1045 **Depth Interval:** 0-6" ft **PID:** ppm
Sample ID: Ø1NE 2155169 (primary) duplicate triplicate (ms/msd)

Time: 1100 **Depth Interval:** 18"-24" ft **PID:** ppm
Sample ID: Ø1NE 215B169 (primary) duplicate triplicate ms/msd

Time: 1050 **Depth Interval:** 0-6" ft **PID:** ppm
Sample ID: Ø1NE 2155269 primary (duplicate) triplicate ms/msd

Time: 1050 **Depth Interval:** 0-6" ft **PID:** ppm
Sample ID: Ø1NE 2155369 primary duplicate (triplicate) ms/msd

Time: **Depth Interval:** ft **PID:** ppm
Sample ID: Ø1NE_____ primary duplicate triplicate ms/msd

Time: **Depth Interval:** ft **PID:** ppm
Sample ID: Ø1NE_____ primary duplicate triplicate ms/msd

Time: **Depth Interval:** ft **PID:** ppm
Sample ID: Ø1NE_____ primary duplicate triplicate ms/msd

Time: **Depth Interval:** ft **PID:** ppm
Sample ID: Ø1NE_____ primary duplicate triplicate ms/msd

Time: **Depth Interval:** ft **PID:** ppm
Sample ID: Ø1NE_____ primary duplicate triplicate ms/msd

Analyses: (DRO) (RRO) (GRO) (BTEX) VOC PAH (PCB) Pest. (TALmetal) Pb Zn Cr TOC Geotech

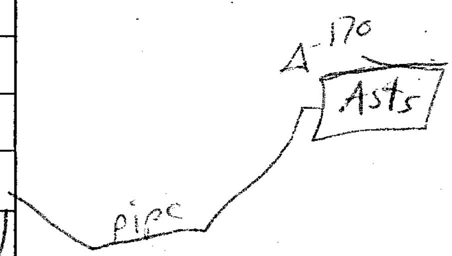
SOIL SAMPLING FIELD NOTE FORM	Project Number: 1850574.260120	Sample Location: 21SS/SB170

Project: Northeast Cape 2001 Phase III RI

Site: 21-Wastewater Treatment plant

Client: United States Army Engineer District – Alaska

MAP



FIELD INFORMATION

Date: 8-24-01	**Sampler(s):** O'Connell/Markell
Sampling Equipment: SS spoons, hand auger	

SAMPLE INFORMATION

Time: 1125 **Depth Interval:** 0-6" ft **PID:** ppm
Sample ID: Ø1NE 2 1 S S 1 7 0 (primary circled) duplicate triplicate ms/msd

Time: 1130 **Depth Interval:** 18-24" ft **PID:** ppm
Sample ID: Ø1NE 2 1 S B 1 7 0 (primary circled) duplicate triplicate ms/msd

Time: **Depth Interval:** ft **PID:** ppm
Sample ID: Ø1NE__ __ __ __ __ __ __ primary duplicate triplicate ms/msd

Time: **Depth Interval:** ft **PID:** ppm
Sample ID: Ø1NE__ __ __ __ __ __ __ primary duplicate triplicate ms/msd

Time: **Depth Interval:** ft **PID:** ppm
Sample ID: Ø1NE__ __ __ __ __ __ __ primary duplicate triplicate ms/msd

Time: **Depth Interval:** ft **PID:** ppm
Sample ID: Ø1NE__ __ __ __ __ __ __ primary duplicate triplicate ms/msd

Time: **Depth Interval:** ft **PID:** ppm
Sample ID: Ø1NE__ __ __ __ __ __ __ primary duplicate triplicate ms/msd

Time: **Depth Interval:** ft **PID:** ppm
Sample ID: Ø1NE__ __ __ __ __ __ __ primary duplicate triplicate ms/msd

Time: **Depth Interval:** ft **PID:** ppm
Sample ID: Ø1NE__ __ __ __ __ __ __ primary duplicate triplicate ms/msd

Analyses: **DRO RRO GRO BTEX VOC PAH PCB Pest. TALmetal Pb Zn Cr TOC Geotech** (circled: DRO, RRO, GRO, BTEX, PCB, TALmetal)

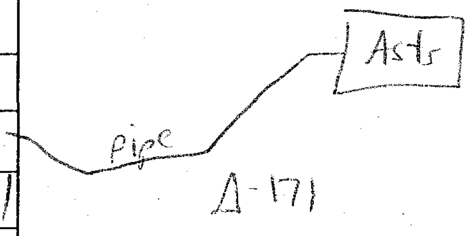
SOIL SAMPLING FIELD NOTE FORM	Project Number: 1850574.260120	Sample Location: 21SS/SB171

Project: Northeast Cape 2001 Phase III RI

Site: 21-Wastewater Treatment Facility

Client: United States Army Engineer District – Alaska

MAP



FIELD INFORMATION

Date: 8-24-01	**Sampler(s):** O'Connell/Markell
Sampling Equipment: SS Spoon/Hand Auger	

SAMPLE INFORMATION

Time: 0950 **Depth Interval:** 0-6" ft **PID:** ppm
Sample ID: Ø1NE21SS171 primary duplicate triplicate ms/msd

Time: 1020 **Depth Interval:** 18-24" ft **PID:** ppm
Sample ID: Ø1NE21SB171 primary duplicate triplicate ms/msd

Time: **Depth Interval:** ft **PID:** ppm
Sample ID: Ø1NE__ __ __ __ __ __ __ primary duplicate triplicate ms/msd

Time: **Depth Interval:** ft **PID:** ppm
Sample ID: Ø1NE__ __ __ __ __ __ __ primary duplicate triplicate ms/msd

Time: **Depth Interval:** ft **PID:** ppm
Sample ID: Ø1NE__ __ __ __ __ __ __ primary duplicate triplicate ms/msd

Time: **Depth Interval:** ft **PID:** ppm
Sample ID: Ø1NE__ __ __ __ __ __ __ primary duplicate triplicate ms/msd

Time: **Depth Interval:** ft **PID:** ppm
Sample ID: Ø1NE__ __ __ __ __ __ __ primary duplicate triplicate ms/msd

Time: **Depth Interval:** ft **PID:** ppm
Sample ID: Ø1NE__ __ __ __ __ __ __ primary duplicate triplicate ms/msd

Time: **Depth Interval:** ft **PID:** ppm
Sample ID: Ø1NE__ __ __ __ __ __ __ primary duplicate triplicate ms/msd

Analyses: DRO RRO GRO BTEX VOC PAH PCB Pest. TALmetal Pb Zn Cr TOC Geotech

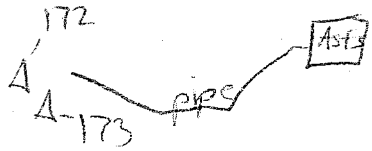
SOIL SAMPLING FIELD NOTE FORM	Project Number: 1850574.260120	Sample Location: 21SS172-173

Project: Northeast Cape 2001 Phase III RI

Site: 21-Wastewater Treatment Facility

Client: United States Army Engineer District – Alaska

MAP



FIELD INFORMATION

Date: 8-24-01 **Sampler(s):** O'Connell/Maskell

Sampling Equipment: SS spoon

SAMPLE INFORMATION

Time: 1345 **Depth Interval:** 0-6" ft **PID:** ppm
Sample ID: Ø1NE 2 1 S S 1 7 2 (primary) duplicate triplicate ms/msd

Time: 1340 **Depth Interval:** 0-6" ft **PID:** ppm
Sample ID: Ø1NE 2 1 S S 1 7 3 (primary) duplicate triplicate ms/msd

Time: **Depth Interval:** ft **PID:** ppm
Sample ID: Ø1NE__ __ __ __ __ __ __ primary duplicate triplicate ms/msd

Time: **Depth Interval:** ft **PID:** ppm
Sample ID: Ø1NE__ __ __ __ __ __ __ primary duplicate triplicate ms/msd

Time: **Depth Interval:** ft **PID:** ppm
Sample ID: Ø1NE__ __ __ __ __ __ __ primary duplicate triplicate ms/msd

Time: **Depth Interval:** ft **PID:** ppm
Sample ID: Ø1NE__ __ __ __ __ __ __ primary duplicate triplicate ms/msd

Time: **Depth Interval:** ft **PID:** ppm
Sample ID: Ø1NE__ __ __ __ __ __ __ primary duplicate triplicate ms/msd

Time: **Depth Interval:** ft **PID:** ppm
Sample ID: Ø1NE__ __ __ __ __ __ __ primary duplicate triplicate ms/msd

Time: **Depth Interval:** ft **PID:** ppm
Sample ID: Ø1NE__ __ __ __ __ __ __ primary duplicate triplicate ms/msd

Analyses: (DRO) (RRO) (GRO) (BTEX) VOC PAH (PCB) Pest. (TALmetal) Pb Zn Cr TOC Geotech

SURFACE WATER AND SEDIMENT SAMPLING FIELD NOTE FORM	Project Number: 1850574.260110	Sample Location: 21SW/SD113	Page 1 of
Project: NEC 2001 Phase III RI	**Client:** USAED - Alaska		
Date: 8-24-01	**Sampler(s):** O'Connell / Markell		

SURFACE WATER SAMPLE INFORMATION		
Stream Name: –	**Depth:** – ft	**Width:** – ft
Appearance: Pool in Tributary to Sugio River		
Cross-Section Number/Location (if applicable):		
Collection method: Disposable Teflon dipper	**Temp. ° C:** 5.6	**Cond. (umhos/cm):** 260
	pH: 6.47	**CS Collection Point:**
Sheen: (none) slight moderate abundant	**Odor:** (none) slight moderate strong	
Time: 1440	**Depth:** 3"	**Sample ID:** Ø1NE 2 1 S W 1 1 3 (prime) dup trip split ms/msd
Time: 1445	**Depth:** 3"	**Sample ID:** Ø1NE 2 1 S W 2 1 3 prime (dup) trip split ms/msd
Time: 1445	**Depth:** 3"	**Sample ID:** Ø1NE 2 1 S W 3 1 3 prime dup (trip) split ms/msd
Laboratory Tests: (DRO) (RRO) (GRO) BTEX VOC SVOC PAH (PCB) (TAL metals)		

SEDIMENT SAMPLE INFORMATION			
Collection method: SS Spoon			
Cross-Section Number/Location (if applicable):			
Time: 1505	**Depth:** 6"	**Point:**	**Sample ID:** Ø1NE 2 1 S D 1 1 3 (prime) dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE ___ ___ ___ ___ ___ ___ ___ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE ___ ___ ___ ___ ___ ___ ___ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE ___ ___ ___ ___ ___ ___ ___ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE ___ ___ ___ ___ ___ ___ ___ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE ___ ___ ___ ___ ___ ___ ___ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE ___ ___ ___ ___ ___ ___ ___ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE ___ ___ ___ ___ ___ ___ ___ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE ___ ___ ___ ___ ___ ___ ___ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE ___ ___ ___ ___ ___ ___ ___ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE ___ ___ ___ ___ ___ ___ ___ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE ___ ___ ___ ___ ___ ___ ___ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE ___ ___ ___ ___ ___ ___ ___ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE ___ ___ ___ ___ ___ ___ ___ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE ___ ___ ___ ___ ___ ___ ___ prime dup trip split ms/msd
Laboratory Tests: (DRO) (RRO) (GRO) BTEX VOC PAH (PCB) Pesticides (TAL metals) Pb Zn Cr TOC Geotech			

SURFACE WATER AND SEDIMENT SAMPLING FIELD NOTE FORM	Project Number: 1850574.260110	Sample Location: 21SW/SD114	Page 1 of

Project: NEC 2001 Phase III RI	**Client:** USAED - Alaska
Date: 9-24-01	**Sampler(s):** O'Connell/Markell

SURFACE WATER SAMPLE INFORMATION

Stream Name: -	**Depth:** - ft	**Width:** - ft
Appearance: Pool in tributary to Snai. River		
Cross-Section Number/Location (if applicable):		
Collection method: Disposable Teflon dipper	**Temp. ° C:** 5.2	**Cond. (umhos/cm):** 310.1
	pH: 6.57	**CS Collection Point:**
Sheen: (none) slight moderate abundant		**Odor:** (none) slight moderate strong

Time: 1405	**Depth:** 3"	**Sample ID:** Ø1NE 21SW114 (prime) dup trip split ms/msd
Time:	**Depth:**	**Sample ID:** Ø1NE _ _ _ _ _ _ _ prime dup trip split ms/msd
Time:	**Depth:**	**Sample ID:** Ø1NE _ _ _ _ _ _ _ prime dup trip split ms/msd

Laboratory Tests: (DRO) (RRO) (GRO) BTEX VOC SVOC PAH (PCB) (TAL metals)

SEDIMENT SAMPLE INFORMATION

Collection method: SS Spoon

Cross-Section Number/Location (if applicable):

Time: 1425	**Depth:** 6"	**Point:**	**Sample ID:** Ø1NE 21SD114 (prime) dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE _ _ _ _ _ _ _ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE _ _ _ _ _ _ _ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE _ _ _ _ _ _ _ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE _ _ _ _ _ _ _ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE _ _ _ _ _ _ _ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE _ _ _ _ _ _ _ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE _ _ _ _ _ _ _ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE _ _ _ _ _ _ _ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE _ _ _ _ _ _ _ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE _ _ _ _ _ _ _ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE _ _ _ _ _ _ _ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE _ _ _ _ _ _ _ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE _ _ _ _ _ _ _ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE _ _ _ _ _ _ _ prime dup trip split ms/msd

Laboratory Tests: (DRO) (RRO) (GRO) BTEX VOC PAH (PCB) Pesticides (TAL metals) Pb Zn Cr TOC Geotech

GROUNDWATER SAMPLING FIELD NOTE FORM

Project Number:	Well ID:
1850574.260120	356W101

Project: NEC 2001 Phase III RI | **Client:** USAED

Date: 7-24-01 | **Time:** 1700 | **Sampler(s):** O'Connell / McLean

Well type: Monitoring Well Well Point (Other:) Potable Well

Well condition: good

Protective casing height (ft ags):	**Minimum purge volume calculation:**
PVC casing height (ft ags): 1.85	One well volume (gal) = $0.163A(B/2)^2 = C$
Well depth below top of PVC (ft): 60.05	Minimum purge volume = C x 3
Water level below top of PVC (ft): 30.1	**Calculation:** ≈ 90 gal
Water column height (ft): ~~30~~ 29.95 = A	
PVC casing ID (in): 5" = B	
Purging Method/Equipment: Submersible pump	

Sheen: (none) slight moderate abundant

Odor: (none) slight moderate strong

Gallons	Time	Temperature °C	pH pH units	Conductivity umhos/cm	Comments
5	1700	4.2	5.51	148.1	
15	1855	4.3	5.42	157.0	
25	1905	3.4	5.54	160.6	
50	1920	3.5	5.82	190.8	
75	1940	3.2	5.95	217.4	
*	Pump Failed				
7-25-01					
80	0920	2.8	5.8	132.5	
105+	1100	2.9	5.87	128.9	

Time: 1000 **Sample ID:** Ø1NE 356W101 (primary) dup triplicate ms/msd

Time: 1010 **Sample ID:** Ø1NE 356W201 primary (dup) triplicate ms/msd

Time: 1015 **Sample ID:** Ø1NE 356W301 primary dup (triplicate) ms/msd

Field Tests:	Turbidity NTU	Nitrate mg/L	Ferrous Iron mg/L	ORP mV	Dissolved Oxygen mg/L
Time: 0920	920			-30.8	5.8
Time:					
Time:					

Laboratory Tests: (DRO) (RRO) (GRO) (BTEX) Alkalinity Sulfate Methane/Ethane/Ethene

Fe, Mn (N, COD)

GROUNDWATER SAMPLING FIELD NOTE FORM	Project Number: 1850574.260120	Well ID: 35GW102

Project: NEC 2001 Phase III RI | **Client:** USAED

Date: 7-24-01 | **Time:** 0945 | **Sampler(s):** O'Connell / Mclean

Well type: Monitoring Well | Well Point | (Other: Potable well)

Well condition: good

Protective casing height (ft ags):	**Minimum purge volume calculation:**
PVC casing height (ft ags):	One well volume (gal) = $0.163A(B/2)^2 = C$
Well depth below top of PVC (ft): 44.2	Minimum purge volume = C x 3
Water level below top of PVC (ft): 22.45	**Calculation:** ≈ 120 gals
Water column height (ft): 21.75 = A	
PVC casing ID (in): 7" = B	
Purging Method/Equipment: Submersible pump	

Sheen: (none) slight moderate abundant | **Odor:** (none) slight moderate strong

Gallons	Time	Temperature °C	pH pH units	Conductivity umhos/cm	Comments
20	1030	3.2	6.45	142	
40	1040	2.9	6.74	110.6	
80	1055	2.9	6.80	109.1	
120	1110	3.0	6.79	106.3	

Time: 1100 | **Sample ID:** Ø1NE 35GW102 (primary) dup triplicate ms/msd

Time: | **Sample ID:** Ø1NE _____ primary dup triplicate ms/msd

Time: | **Sample ID:** Ø1NE _____ primary dup triplicate ms/msd

Field Tests:	Turbidity NTU	Nitrate mg/L	Ferrous Iron mg/L	ORP mV	Dissolved Oxygen mg/L
Time: 1030	167				
Time: 1040	166				
Time: 1055	108				

Laboratory Tests: (DRO) (RRO) (GRO) (BTEX) (Alkalinity) (Sulfate) Methane/Ethane/Ethene

(FE, MN) (N, COD)

GROUNDWATER SAMPLING FIELD NOTE FORM

Project Number:	Well ID:
1850574.260120	35GW103

Project: NEC 2001 Phase III RI | **Client:** USAED

Date: 7-24-01 | **Time:** | **Sampler(s):** O'Connell / McLeod

Well type: Monitoring Well Well Point (Other: Potable Well)

Well condition: good

Protective casing height (ft ags):	**Minimum purge volume calculation:**
PVC casing height (ft ags):	One well volume (gal) = $0.163A(B/2)^2 = C$
Well depth below top of PVC (ft): 43,22	Minimum purge volume = C x 3
Water level below top of PVC (ft): 28,25	**Calculation:** ≈ 60 gals
Water column height (ft): 14,97 = A	
PVC casing ID (in): 7" = B	
Purging Method/Equipment: Submersible pump	

Sheen: none slight moderate abundant

Odor: none slight moderate strong

Gallons	Time	Temperature °C	pH pH units	Conductivity umhos/cm	Comments
5	1205	2,5	7.71	540	
60	1245	2,7	7.78	541	
120	1400	2,8	7.67	511	
130	1700	2.7	7,61	519	

Time: 1700 **Sample ID:** Ø1NE 35GW103 (primary) dup triplicate ms/msd

Time: **Sample ID:** Ø1NE _____ primary dup triplicate ms/msd

Time: **Sample ID:** Ø1NE _____ primary dup triplicate ms/msd

Field Tests:	Turbidity NTU	Nitrate mg/L	Ferrous Iron mg/L	ORP mV	Dissolved Oxygen mg/L
Time: 1400				48,3	9,7
Time:					
Time:					

Laboratory Tests: (DRO) (RRO) (GRO) BTEX (Alkalinity Sulfate) Methane/Ethane/Ethene

(Fe, Mn, N, COD)

GROUNDWATER SAMPLING FIELD NOTE FORM

Project Number: 1850574.260120 | Well ID: 35GW104

Project: NEC 2001 Phase III RI | **Client:** USAED

Date: 7-26-01 | **Time:** 0745 | **Sampler(s):** OConnell/McLean

Well type: Monitoring Well (Well Point) (Other:) Potable well

Well condition: good

Protective casing height (ft ags):

PVC casing height (ft ags):

Well depth below top of PVC (ft): 57.85

Water level below top of PVC (ft): 25.65

Water column height (ft): 32.20 = A

PVC casing ID (in): 8" = B

Purging Method/Equipment: Submersible Pump

Minimum purge volume calculation:

One well volume (gal) = $0.163A(B/2)^2 = C$

Minimum purge volume = C x 3

Calculation: ≈ 240 gals

Sheen: (none) slight moderate abundant

Odor: (none) slight moderate strong

Gallons	Time	Temperature °C	pH pH units	Conductivity umhos/cm	Comments
10	0800	3.4	7.56	474	
50	0820	2.2	7.51	462	
100	0840	2.6	8.07	473	
150+	0900	2.7	7.85	432	

Time: 0900 **Sample ID:** Ø1NE 35GW104 primary dup triplicate ms/msd

Time: **Sample ID:** Ø1NE _____ primary dup triplicate ms/msd

Time: **Sample ID:** Ø1NE _____ primary dup triplicate ms/msd

Field Tests:	Turbidity NTU	Nitrate mg/L	Ferrous Iron mg/L	ORP mV	Dissolved Oxygen mg/L
Time: 0840	56.2			-51.1	8.2
Time: 0900	56.1				
Time:					

Laboratory Tests: (DRO) (RRO) (GRO) (BTEX) Alkalinity Sulfate Methane/Ethane/Ethene

SURFACE WATER AND SEDIMENT SAMPLING FIELD NOTE FORM	Project Number: 1850574.260110	Sample Location: 24SW/SD114	Page 1 of
Project: NEC 2001 Phase III RI	**Client:** USAED - Alaska		
Date: 8-24-01	**Sampler(s):** Doug Quist		

SURFACE WATER SAMPLE INFORMATION

Stream Name: NA	**Depth:** NA ft	**Width:** NA ft	
Appearance: Pond N. of Bldg			
Cross-Section Number/Location (if applicable):			
Collection method: Disposable Teflon dipper	**Temp. ° C:** 10.2	**Cond. (umhos/cm):** 124.2	
	pH: 6.46	**CS Collection Point:**	
Sheen: (none) slight moderate abundant		**Odor:** (none) slight moderate strong	
Time: 0830	**Depth:** 3"	**Sample ID:** Ø1NE 24SW114	(prime) dup trip split ms/msd
Time: 0835	**Depth:** 3"	**Sample ID:** Ø1NE 24SW214	prime (dup) trip split ms/msd
Time: 0840	**Depth:** 3"	**Sample ID:** Ø1NE 24SW314	prime dup (trip) split ms/msd

Laboratory Tests: (DRO) (RRO) (GRO) (BTEX) VOC SVOC PAH PCB (TAL metals)

SEDIMENT SAMPLE INFORMATION

Collection method: SS Spoon

Cross-Section Number/Location (if applicable):

Time	Depth	Point	Sample ID	
Time: 0900	**Depth:** Surface	**Point:**	**Sample ID:** Ø1NE 24SD114	(prime) dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd

Laboratory Tests: (DRO) (RRO) (GRO) (BTEX) VOC PAH (PCB) Pesticides (TAL metals) Pb Zn Cr TOC Geotech

SURFACE WATER AND SEDIMENT SAMPLING FIELD NOTE FORM	Project Number: 1850574.260110	Sample Location: 24SD115	Page 1 of
Project: NEC 2001 Phase III RI	**Client:** USAED - Alaska		
Date: 8-24-01	**Sampler(s):** Doug Quist		

SURFACE WATER SAMPLE INFORMATION

Stream Name:	**Depth:** ft	**Width:** ft
Appearance:		
Cross-Section Number/Location (if applicable):		
Collection method: Disposable Teflon dipper	**Temp. ° C:**	**Cond. (umhos/cm):**
	pH:	**CS Collection Point:**
Sheen: none slight moderate abundant	**Odor:** none slight moderate strong	
Time:	**Depth:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
Time:	**Depth:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
Time:	**Depth:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
Laboratory Tests: DRO RRO GRO BTEX VOC SVOC PAH PCB TAL metals		

SEDIMENT SAMPLE INFORMATION

Collection method: SS Spoon

Cross-Section Number/Location (if applicable):

Time	Depth	Point	Sample ID
0930	Surface		Ø1NE 24SD115 (prime) dup trip split ms/msd
			Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
			Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
			Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
			Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
			Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
			Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
			Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
			Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
			Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
			Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
			Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
			Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
			Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd
			Ø1NE __ __ __ __ __ __ __ prime dup trip split ms/msd

Laboratory Tests: (DRO) (RRO) (GRO) (BTEX) VOC PAH (PCB) Pesticides (TAL metals) Pb Zn Cr TOC Geotech

SURFACE WATER AND SEDIMENT SAMPLING FIELD NOTE FORM	Project Number: 1850574.260110	Sample Location: CS-1, Site 28	Page 1 of 2
Project: NEC 2001 Phase III RI	**Client:** USAED - Alaska		
Date: 8-18-01	**Sampler(s):** Melissa Markell, Doug Quist		

SURFACE WATER SAMPLE INFORMATION

Stream Name: Site 28 **Depth:** up to 3.5 ft **Width:** variable ft

Appearance: braided stream choked with vegetation

Cross-Section Number/Location (if applicable): CS-1

Collection method: Disposable Teflon dipper **Temp. ° C:** 4.1 **Cond. ~~(umhos/cm)~~:** 195.5 uS

pH: 6.63 **CS ~~Collection Point~~:** DO: HACH 9.6 mg/L YSI 8.3 mg/L

Sheen: none slight moderate (abundant) organic **Odor:** (none) slight moderate strong

Time: 1002	**Depth:** 0.5'	**Sample ID:** Ø1NE 2 8 S W 1 1 1 prime dup trip split (ms/msd)
Time:	**Depth:**	**Sample ID:** Ø1NE 2 8 S W 2 1 1 prime (dup) trip split ms/msd
Time:	**Depth:**	**Sample ID:** Ø1NE 2 8 S W 3 1 1 prime dup (trip) split (ms/msd

Laboratory Tests: (DRO) (RRO) ~~GRO BTEX VOC SVOC PAH~~ (PCB) ~~TAL metals~~ -411 split COE

SEDIMENT SAMPLE INFORMATION

Collection method: stainless steel spoons, hand auger cores

Cross-Section Number/Location (if applicable): CS-1, Site 28

Time:	Depth:	Point:	Sample ID: Ø1NE
1025	0-6"	A	2 8 S D 1 1 1 (prime) dup trip split (ms/msd)
	0-6"	A	2 8 S D 2 1 1 prime (dup) trip split ms/msd
	0-6"	A	2 8 S D 3 1 1 prime dup (trip) split (ms/msd)
	0-6"	A	2 8 S D 4 1 1 prime dup trip (split) ms/msd
1040	18"	A	2 8 S D 1 1 2 (prime) dup trip split ms/msd
1045	6"	B	2 8 S D 1 1 3 (prime) dup trip split ms/msd
1050		C	2 8 S D 1 1 4 (prime) dup trip split ms/msd
1055		D	2 8 S D 1 1 5 (prime) dup trip split ms/msd
1100		E	2 8 S D 1 1 6 (prime) dup trip split ms/msd
			prime dup trip split ms/msd
			prime dup trip split ms/msd
			prime dup trip split ms/msd
			prime dup trip split ms/msd
			prime dup trip split ms/msd
			prime dup trip split ms/msd

Laboratory Tests: (DRO) (RRO) ~~GRO BTEX VOC~~ (PAH) (PCB) ~~Pesticides TAL metals~~ (Pb) (Zn) (Cr) (TOC) ~~Geotech~~

STREAM CROSS-SECTION DIAGRAM	Project Number: 1850574.260120	**CS #:** 1	Page 2 of 2

Project: NEC 2001 Phase III RI | **Client:** USAED

Date: 8-18-01 | **Sampler(s):** M. Markell, D. Quist

Stream Name: Site 28

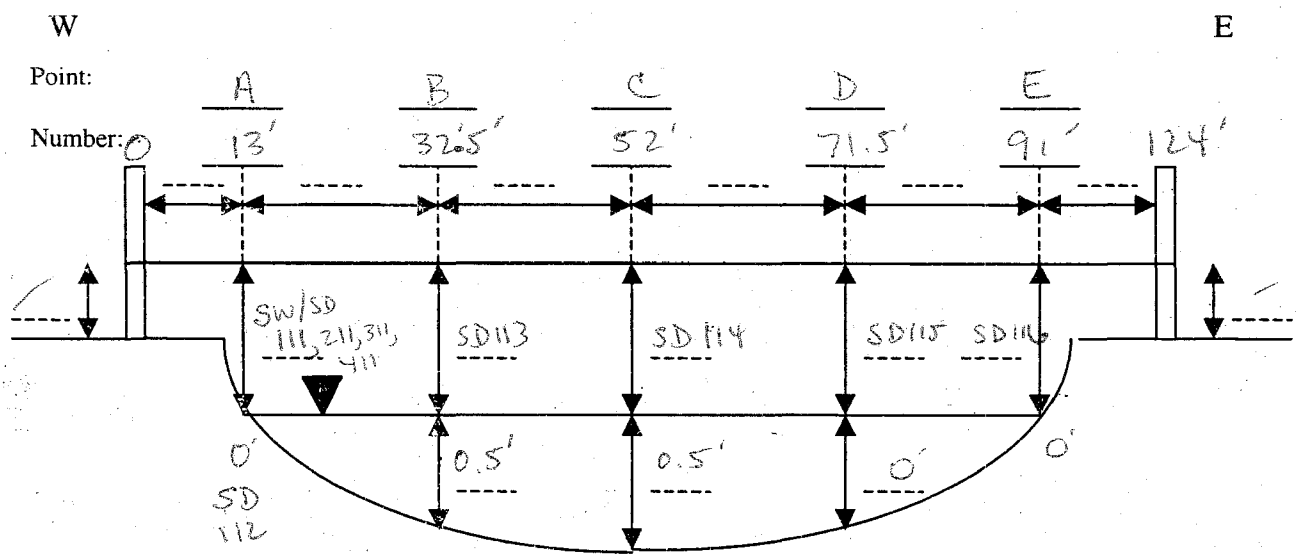
Appearance: see other side

Survey/Measurement Equipment: fiberglass tape, wooden lath

Site Sketch (Plan View):

N

Cross-Section Sketch:



Label sample points from west to east A, B, C, etc. The first sample at each point is 1, the next 2, etc.

SURFACE WATER AND SEDIMENT SAMPLING FIELD NOTE FORM	Project Number: 1850574.260110	Sample Location: Site 28, CS-2	Page 1 of 2
Project: NEC 2001 Phase III RI	**Client:** USAED - Alaska		
Date: 8-18-01	**Sampler(s):** Melissa Markell, Doug Quist		

SURFACE WATER SAMPLE INFORMATION

Stream Name: Site 28	**Depth:** up to 3.5 ft	**Width:** variable ft	
Appearance: braided stream, choked w/ vegetation, organic/iron precip.			
Cross-Section Number/Location (if applicable): CS-2			
Collection method: Disposable ~~Teflon~~ dipper	**Temp. ° C:** —	**Cond. (umhos/cm):** —	
	pH: —	**CS Collection Point:** —	
Sheen: none slight moderate (abundant) organic	**Odor:** none (slight) moderate strong		
Time:	**Depth:**	**Sample ID:** Ø1NE _ _ _ _ _ _ _	prime dup trip split ms/msd
Time:	**Depth:**	**Sample ID:** Ø1NE _ _ _ _ _ _ _	prime dup trip split ms/msd
Time:	**Depth:** na	**Sample ID:** Ø1NE _ _ _ _ _ _ _	prime dup trip split ms/msd
Laboratory Tests: DRO RRO GRO BTEX VOC SVOC PAH PCB TAL metals			

SEDIMENT SAMPLE INFORMATION

Collection method: stainless steel spoon, hand auger core

Cross-Section Number/Location (if applicable): CS-2

Time	Depth	Point	Sample ID	
1325	6"	A	Ø1NE 28SD117	(prime) dup trip split ms/msd
1335	1.5'	A	Ø1NE 28SD118	(prime) dup trip split ms/msd
1340	0.5'	B	Ø1NE 28SD119	(prime) dup trip split ms/msd
1345	0.5'	C	Ø1NE 28SD120	(prime) dup trip split ms/msd
1350	0.5'	D	Ø1NE 28SD121	(prime) dup trip split ms/msd
1355	0.5'	E	Ø1NE 28SD122	(prime) dup trip split ms/msd
			Ø1NE _ _ _ _ _ _ _	prime dup trip split ms/msd
			Ø1NE _ _ _ _ _ _ _	prime dup trip split ms/msd
			Ø1NE _ _ _ _ _ _ _	prime dup trip split ms/msd
			Ø1NE _ _ _ _ _ _ _	prime dup trip split ms/msd
			Ø1NE _ _ _ _ _ _ _	prime dup trip split ms/msd
			Ø1NE _ _ _ _ _ _ _	prime dup trip split ms/msd
			Ø1NE _ _ _ _ _ _ _	prime dup trip split ms/msd
			Ø1NE _ _ _ _ _ _ _	prime dup trip split ms/msd
			Ø1NE _ _ _ _ _ _ _	prime dup trip split ms/msd

Laboratory Tests: (DRO) (RRO) ~~GRO BTEX VOC~~ (PAH) (PCB) ~~Pesticides TAL metals~~ (Pb) (Zn) (Cr) (TOC) ~~Geotech~~

STREAM CROSS-SECTION DIAGRAM	Project Number: 1850574.260120	**CS #:** 2	Page 2 of 2

Project: NEC 2001 Phase III RI | **Client:** USAED

Date: 8-18-01 | **Sampler(s):** M. Markell, D. Quist

Stream Name: Site 28

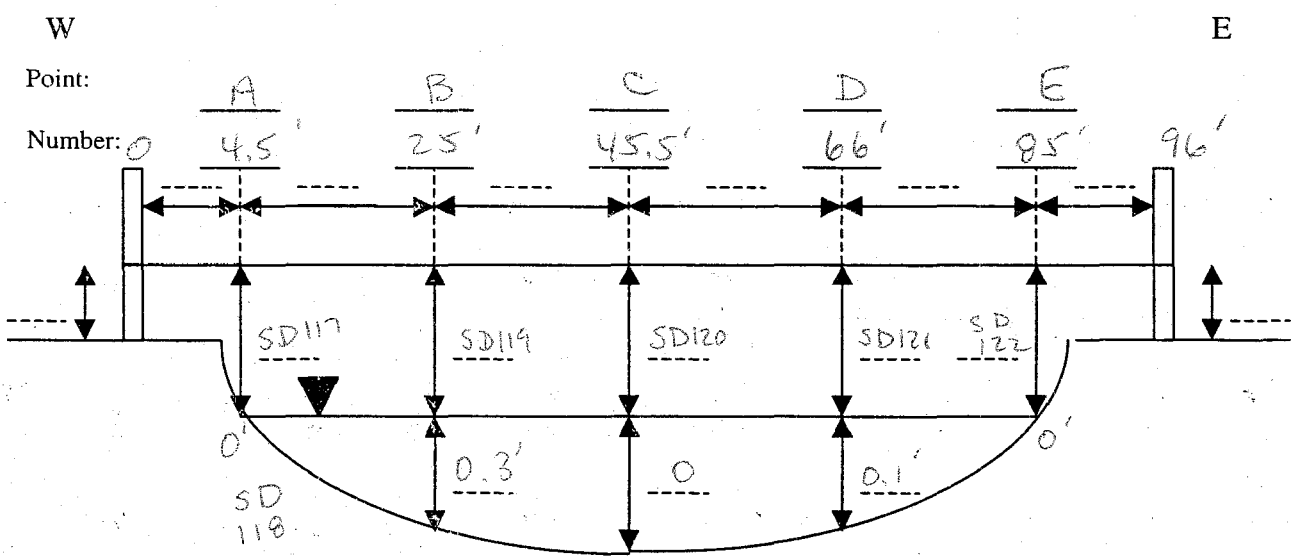
Appearance: see other side

Survey/Measurement Equipment: fiberglass tape, wooden lath

Site Sketch (Plan View):

N

Cross-Section Sketch:



Label sample points from west to east A, B, C, etc. The first sample at each point is 1, the next 2, etc.

SURFACE WATER AND SEDIMENT SAMPLING FIELD NOTE FORM	Project Number: 1850574.260110	Sample Location: Site 28, CS-3	Page 1 of 2
Project: NEC 2001 Phase III RI	**Client:** USAED - Alaska		
Date: 8-18-01	**Sampler(s):** Melissa Markell, Doug Quist		

SURFACE WATER SAMPLE INFORMATION

Stream Name: Site 28	**Depth:** up to 3.0 ft	**Width:** variable ft
Appearance: braided stream choked with vegetation		
Cross-Section Number/Location (if applicable): CS-3		

Collection method: Disposable Teflon dipper	**Temp. ° C:** 3.9	**Cond.** ~~(umhos/cm)~~**:** 201.9 uS
	pH: 6.52	~~**CS Collection Point:**~~ DO HACH YSI mg/L
Sheen: none slight moderate (abundant) organic	**Odor:** none (slight) moderate strong	

Time	Depth	Sample ID	
1455	4"	Ø1NE 28SW112	(prime) dup trip split ms/msd
		Ø1NE ___	prime dup trip split ms/msd
		Ø1NE ___	prime dup trip split ms/msd

Laboratory Tests: (DRO) (RRO) ~~GRO BTEX VOC SVOC PAH~~ (PCB) ~~TAL metals~~

SEDIMENT SAMPLE INFORMATION

Collection method: stainless steel spoons, hand auger core

Cross-Section Number/Location (if applicable): CS-3

Time	Depth	Point	Sample ID	
1510	0.5'	A	Ø1NE 28SD123	(prime) dup trip split ms/msd
1520	0.5'	B	Ø1NE 28SD124	(prime) dup trip split ms/msd
1525	1.5'	B	Ø1NE 28SD125	(prime) dup trip split (ms/msd)
~~154~~	1.5'	~~C~~B vmgum	Ø1NE 28SD225	prime (dup) trip split ms/msd
	1.5'	~~D~~B vmgum	Ø1NE 28SD325	prime dup (trip) split ms/msd
1540	0.5'	~~E~~C vmgum	Ø1NE 28SD126	(prime) dup trip split ms/msd
1545	0.5'	D	Ø1NE 28SD127	(prime) dup trip split ms/msd
1550	0.5'	E	Ø1NE 28SD128	(prime) dup trip split ms/msd
1540	0.5'	C	Ø1NE ~~28SD~~ 426 (split)	prime dup trip (split) ms/msd
			Ø1NE ___	prime dup trip split ms/msd
			Ø1NE ___	prime dup trip split ms/msd
			Ø1NE ___	prime dup trip split ms/msd
			Ø1NE ___	prime dup trip split ms/msd
			Ø1NE ___	prime dup trip split ms/msd
			Ø1NE ___	prime dup trip split ms/msd

Laboratory Tests: (DRO) (RRO) ~~GRO BTEX VOC~~ (PAH) (PCB) Pesticides ~~TAL metals~~ (Pb) (Zn) (Cr) (TOC) ~~Geotech~~

STREAM CROSS-SECTION DIAGRAM	Project Number: 1850574.260120	**CS #:** 3	Page 2 of 2

Project: NEC 2001 Phase III RI | **Client:** USAED

Date: 8-18-01 | **Sampler(s):** M. Markell, D. Quist

Stream Name: Site 28

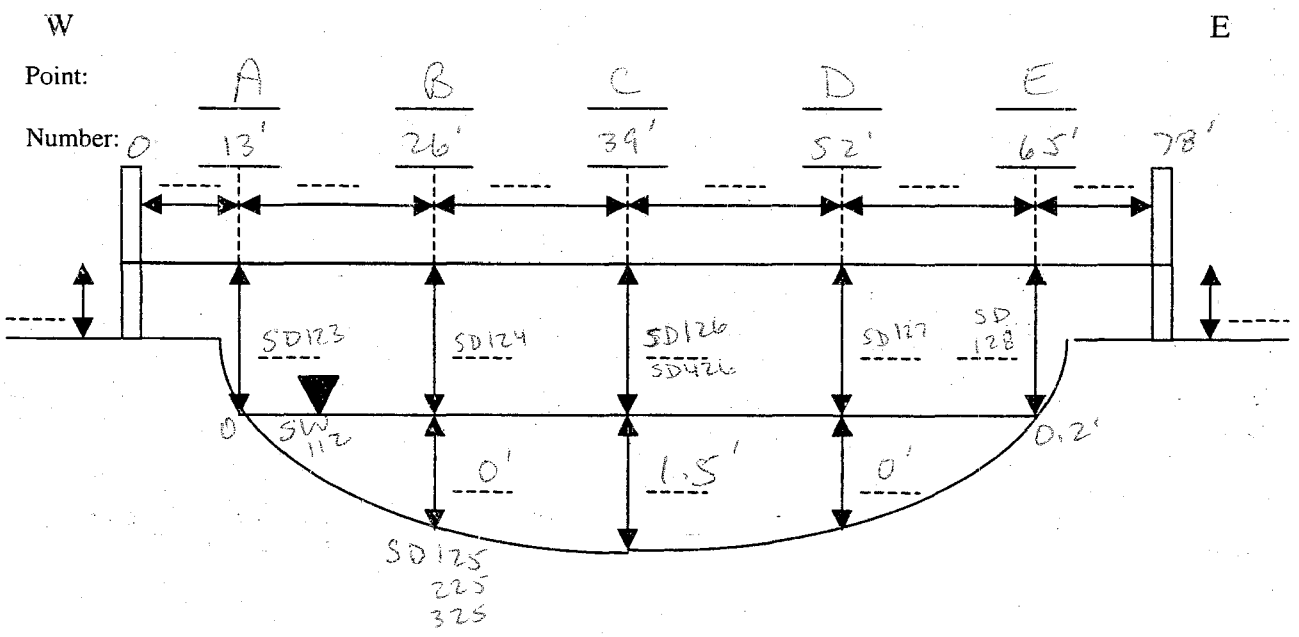
Appearance: See other side

Survey/Measurement Equipment: Fiberglass tape, wooden lath

Site Sketch (Plan View):

N

Cross-Section Sketch:



Label sample points from west to east A, B, C, etc. The first sample at each point is 1, the next 2, etc.

SURFACE WATER AND SEDIMENT SAMPLING FIELD NOTE FORM	Project Number: 1850574.260110	Sample Location: site 28, CS-4	Page 1 of 2
Project: NEC 2001 Phase III RI	**Client:** USAED - Alaska		
Date: 8-18-01	**Sampler(s):** Melissa Markell, Doug Quist		

SURFACE WATER SAMPLE INFORMATION

Stream Name: Site 28	**Depth:** up to 3 ft	**Width:** variable ft
Appearance: braided stream choked w/ vegetation		
Cross-Section Number/Location (if applicable): CS-4		
Collection method: Disposable Teflon dipper	**Temp. ° C:**	**Cond. (umhos/cm):**
	pH:	**CS Collection Point:**
Sheen: none slight moderate abundant	**Odor:** none slight moderate strong	

Time:	**Depth:**	**Sample ID:** Ø1NE na prime dup trip split ms/msd
Time:	**Depth:**	**Sample ID:** Ø1NE _____ prime dup trip split ms/msd
Time:	**Depth:**	**Sample ID:** Ø1NE _____ prime dup trip split ms/msd

Laboratory Tests: DRO RRO GRO BTEX VOC SVOC PAH PCB TAL metals

SEDIMENT SAMPLE INFORMATION

Collection method: stainless steel spoon, hand auger core

Cross-Section Number/Location (if applicable):

Time:	Depth:	Point:	Sample ID: Ø1NE
1610	0.5'	A	28SD129 prime dup trip split ms/msd
1615	0.5'	B	28SD130 prime dup trip split ms/msd
1620	0.5'	C	28SD131 prime dup trip split ms/msd
1625	1.5'	C	28SD132 prime dup trip split ms/msd
1630	0.5'	D	28SD133 prime dup trip split ms/msd
1635	0.5'	E	28SD134 prime dup trip split ms/msd
			prime dup trip split ms/msd
			prime dup trip split ms/msd
			prime dup trip split ms/msd
			prime dup trip split ms/msd
			prime dup trip split ms/msd
			prime dup trip split ms/msd
			prime dup trip split ms/msd
			prime dup trip split ms/msd

Laboratory Tests: (DRO) (RRO) ~~GRO~~ ~~BTEX~~ VOC (PAH) (PCB) ~~Pesticides~~ ~~TAL metals~~ (Pb) (Zn) (Cr) (TOC) Geotech

STREAM CROSS-SECTION DIAGRAM	Project Number: 1850574.260120	**CS #:** 4	Page 2 of 2

Project: NEC 2001 Phase III RI | **Client:** USAED

Date: 8-18-01 | **Sampler(s):** M. Markell, D. Quist

Stream Name: Site 28

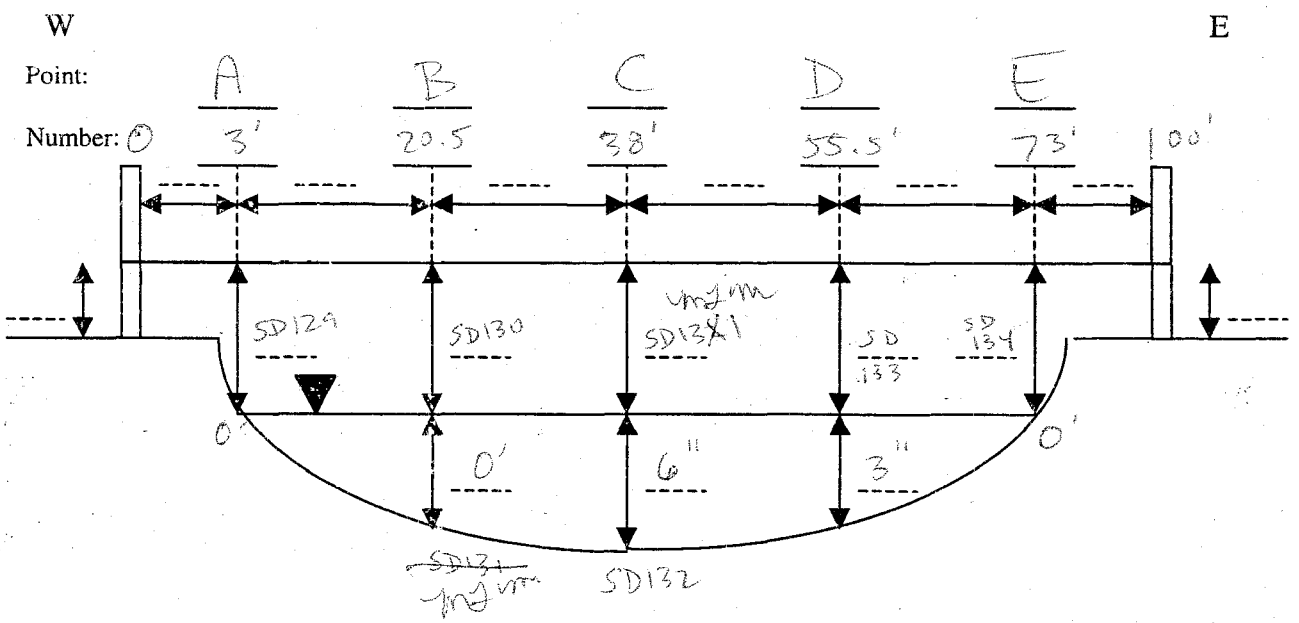
Appearance: see other side

Survey/Measurement Equipment: fiberglass tape, wooden lath

Site Sketch (Plan View):

N

Cross-Section Sketch:



Label sample points from west to east A, B, C, etc. The first sample at each point is 1, the next 2, etc.

SURFACE WATER AND SEDIMENT SAMPLING FIELD NOTE FORM	Project Number: 1850574.260110	Sample Location: CS-5	Page 1 of 2
Project: NEC 2001 Phase III RI	**Client:** USAED - Alaska		
Date: 8-19-01	**Sampler(s):** Melissa Markell, Doug Quist		

SURFACE WATER SAMPLE INFORMATION

Stream Name: Site 28	**Depth:** > 3.5 ft	**Width:** variable ft

Appearance: braided channel exiting from pond, abundant vegetation

Cross-Section Number/Location (if applicable): CS-5

Collection method: 8/18/01 Disposable Teflon dipper	**Temp. ° C:** 10.2	**Cond.** ~~(umhos/cm)~~**:** 113.9 uS
	pH: 7.36	~~**CS Collection Point:**~~ DO: HACH 11.0 mg/L YSI 10.5 mg/L

Sheen: none (slight) moderate abundant | **Odor:** none (slight) moderate strong

Time	Depth	Sample ID	Type
1710	3"	Ø1NE 2 8 S W 1 1 3	(prime) dup trip split ms/msd
		Ø1NE	prime dup trip split ms/msd
		Ø1NE	prime dup trip split ms/msd

Laboratory Tests: (DRO) (RRO) ~~GRO BTEX VOC SVOC PAH~~ (PCB) ~~TAL metals~~

SEDIMENT SAMPLE INFORMATION

Collection method: stainless steel spoon, hand auger core

Cross-Section Number/Location (if applicable): CS-5 8/19/01

Time	Depth	Point	Sample ID	Type
1000	0.5'	A	Ø1NE 2 8 S D 1 3 5	(prime) dup trip split ms/msd
1010	0.5'	B	Ø1NE 2 8 S D 1 3 6	(prime) dup trip split ms/msd
1015	0.5'	C	Ø1NE 2 8 S D 1 3 7	(prime) dup trip split ms/msd
1025	1.5'	C	Ø1NE 2 8 S D 1 3 8	(prime) dup trip split ms/msd
1035	0.5'	D	Ø1NE 2 8 S D ~~2~~ 1 3 9	(prime) dup trip split ms/msd
1040	0.5'	D	Ø1NE 2 8 S D 2 3 9	prime (dup) trip split ms/msd
1035	0.5'	D	Ø1NE 2 8 S D 3 3 9	prime dup (trip) split ms/msd
1055	0.5'	E	Ø1NE 2 8 S D 1 4 0	(prime) dup trip split ms/msd
			Ø1NE	prime dup trip split ms/msd
			Ø1NE	prime dup trip split ms/msd
			Ø1NE	prime dup trip split ms/msd
			Ø1NE	prime dup trip split ms/msd
			Ø1NE	prime dup trip split ms/msd
			Ø1NE	prime dup trip split ms/msd
			Ø1NE	prime dup trip split ms/msd

Laboratory Tests: (DRO) (RRO) ~~GRO BTEX VOC~~ (PAH) (PCB) ~~Pesticides TAL metals~~ (Pb Zn Cr) (TOC) Geotech

STREAM CROSS-SECTION DIAGRAM	Project Number: 1850574.260120	**CS #:** 5	Page 2 of 2

Project: NEC 2001 Phase III RI | **Client:** USAED

Date: 8-19-01 | **Sampler(s):** M Markell, D Quist

Stream Name: Site 28

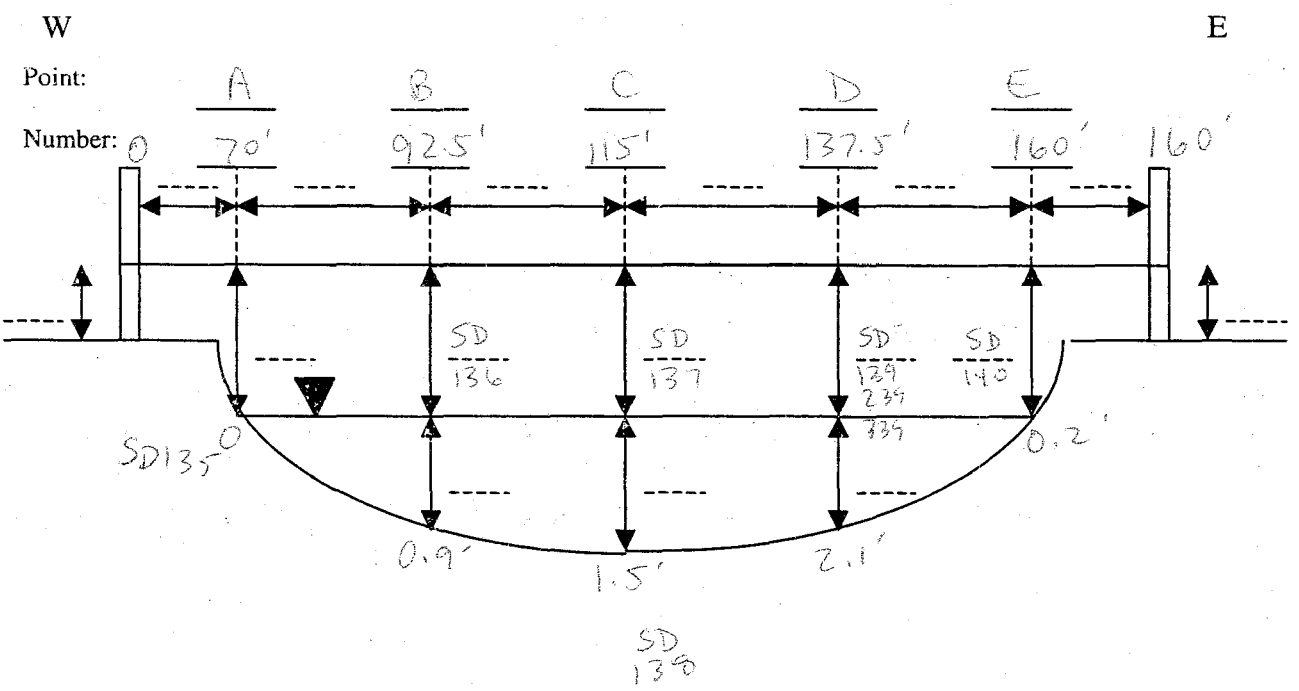
Appearance: See other side

Survey/Measurement Equipment: fiberglass tape, wood lath

Site Sketch (Plan View):

N

Cross-Section Sketch:



Label sample points from west to east A, B, C, etc. The first sample at each point is 1, the next 2, etc.

SURFACE WATER AND SEDIMENT SAMPLING FIELD NOTE FORM	Project Number: 1850574.260110	Sample Location: Site 28, CS-6	Page 1 of 2
Project: NEC 2001 Phase III RI	**Client:** USAED - Alaska		
Date: 8-19-01	**Sampler(s):** Melissa Markell, Doug Quist		

SURFACE WATER SAMPLE INFORMATION

Stream Name: Site 28	**Depth:** up to 1 ft	**Width:** approx. 90 ft	
Appearance: pond, abundant vegetation & wind-blown bldg debris			
Cross-Section Number/Location (if applicable): C, S-6			
~~**Collection method:** Disposable Teflon dipper~~	**Temp. ° C:**	**Cond. (umhos/cm):**	
	pH:	**CS Collection Point:**	
Sheen: none slight moderate abundant	**Odor:** none slight moderate strong		
Time:	**Depth:**	**Sample ID:** Ø1NE _ _ _ _ _ _ _	prime dup trip split ms/msd
Time:	**Depth:** na	**Sample ID:** Ø1NE _ _ _ _ _ _ _	prime dup trip split ms/msd
Time:	**Depth:**	**Sample ID:** Ø1NE _ _ _ _ _ _ _	prime dup trip split ms/msd
Laboratory Tests: DRO RRO GRO BTEX VOC SVOC PAH PCB TAL metals			

SEDIMENT SAMPLE INFORMATION

Collection method: Stainless steel spoon, hand auger core

Cross-Section Number/Location (if applicable): CS-6

Time:	Depth:	Point:	Sample ID:	Type
1310	0.5'	A	Ø1NE 28SD141	(prime) dup trip split ms/msd
1315	0.5'	B	Ø1NE 28SD142	(prime) dup trip split ms/msd
1325	0.5'	C	Ø1NE 28SD143	(prime) dup trip split ms/msd
1335	1.5'	C	Ø1NE 28SD144	(prime) dup trip split ms/msd
1345	0.5'	D	Ø1NE 28SD145	(prime) dup trip split ms/msd
1355	0.5'	E	Ø1NE 28SD146	(prime) dup trip split ms/msd
			Ø1NE _ _ _ _ _ _ _	prime dup trip split ms/msd
			Ø1NE _ _ _ _ _ _ _	prime dup trip split ms/msd
			Ø1NE _ _ _ _ _ _ _	prime dup trip split ms/msd
			Ø1NE _ _ _ _ _ _ _	prime dup trip split ms/msd
			Ø1NE _ _ _ _ _ _ _	prime dup trip split ms/msd
			Ø1NE _ _ _ _ _ _ _	prime dup trip split ms/msd
			Ø1NE _ _ _ _ _ _ _	prime dup trip split ms/msd
			Ø1NE _ _ _ _ _ _ _	prime dup trip split ms/msd
			Ø1NE _ _ _ _ _ _ _	prime dup trip split ms/msd

Laboratory Tests: (DRO) (RRO) ~~GRO BTEX VOC~~ (PAH) (PCB) ~~Pesticides TAL metals~~ (Pb Zn Cr) (TOC) ~~Geotech~~

STREAM CROSS-SECTION DIAGRAM	Project Number: 1850574.260120	**CS #:** 6	Page 2 of 2

Project: NEC 2001 Phase III RI | **Client:** USAED

Date: 8-19-01 | **Sampler(s):** M Markell, D Quist

Stream Name: Site 28

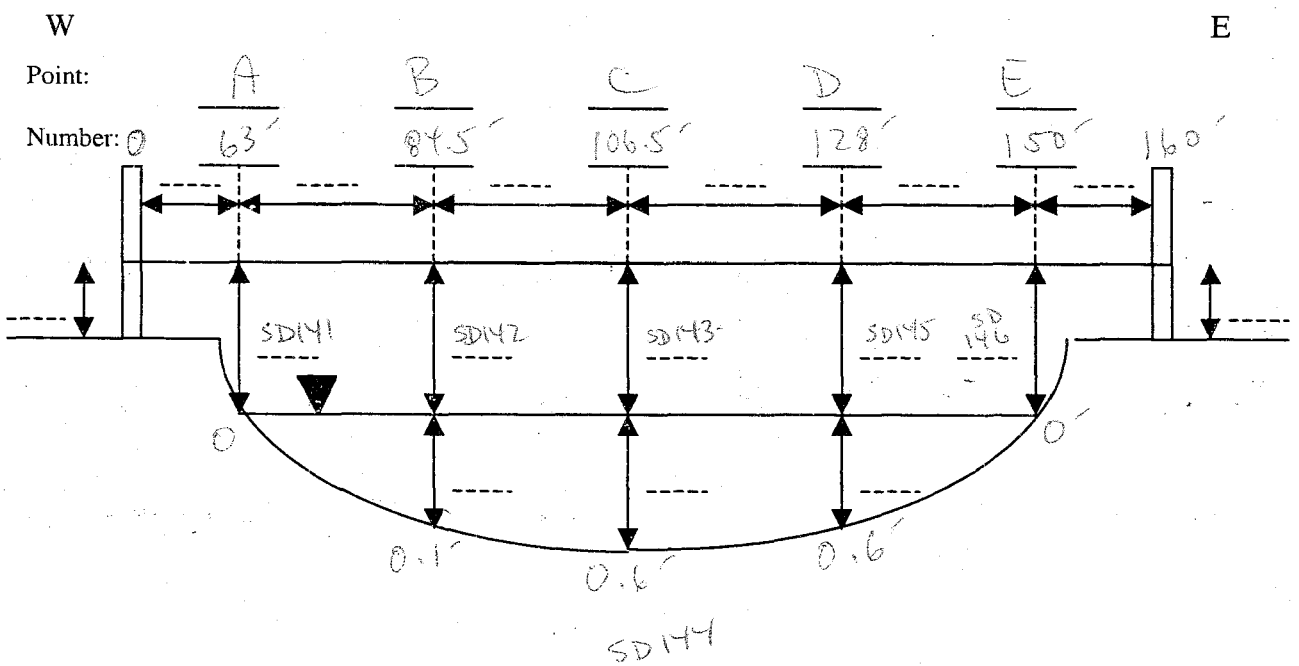
Appearance: See other side

Survey/Measurement Equipment: Fiberglass tape, wood lath

Site Sketch (Plan View):

N

Cross-Section Sketch:



Label sample points from west to east A, B, C, etc. The first sample at each point is 1, the next 2, etc.

SURFACE WATER AND SEDIMENT SAMPLING FIELD NOTE FORM	Project Number: 1850574.260110	Sample Location: Site 28, CS-7	Page 1 of 2
Project: NEC 2001 Phase III RI	**Client:** USAED - Alaska		
Date: 8-19-01	**Sampler(s):** Melissa Markell, Doug Quist		

SURFACE WATER SAMPLE INFORMATION

Stream Name: Site 28 | **Depth:** < 0.5 ft | **Width:** 7.3 ft

Appearance: brown & green scum on surface, abundant fuel sheen

Cross-Section Number/Location (if applicable): CS-7B

Collection method: Disposable Teflon dipper | **Temp. ° C:** 5.2 | **Cond. ~~(umhos/cm)~~:** 138.6 mS | **pH:** 7.4 | **CS Collection Point:** DO: HACH 8.8 mg/L YSI 7.9 mg/L

Sheen: none slight moderate (abundant) | **Odor:** none slight (moderate) strong

Time	Depth	Sample ID	
Time: 1415	Depth: 2"	Sample ID: Ø1NE 2 8 S W 1 1 4	(prime) dup trip split ms/msd
Time:	Depth:	Sample ID: Ø1NE _ _ _ _ _ _ _ _	prime dup trip split ms/msd
Time:	Depth:	Sample ID: Ø1NE _ _ _ _ _ _ _ _	prime dup trip split ms/msd

Laboratory Tests: (DRO) (RRO) ~~GRO~~ ~~BTEX~~ ~~VOC~~ ~~SVOC~~ ~~PAH~~ (PCB) ~~TAL metals~~

SEDIMENT SAMPLE INFORMATION

Collection method: stainless steel spoon, hand auger core

Cross-Section Number/Location (if applicable): CS-7

Time	Depth	Point	Sample ID: Ø1NE	
1455	0.5'	A	2 8 S D 1 4 7	(prime) dup trip split ms/msd
1505	1.5'	A	2 8 S D 1 4 8	(prime) dup trip split ms/msd
~~Time:~~	~~Depth:~~	~~Point:~~	~~Sample ID: Ø1NE~~ _ _ _ _ _ 2 4 8	prime (dup) trip split ms/msd
~~Time:~~	~~Depth:~~	~~Point:~~	~~Sample ID: Ø1NE~~ _ _ _ _ _ 3 4 8	prime dup (trip) split ms/msd
~~Time:~~	~~Depth:~~	~~Point:~~	~~Sample ID: Ø1NE~~ _ _ _ _ _ 4 4 8	prime dup trip (split) ms/msd
1510	0.5'	B	2 8 S D 1 4 9	(prime) dup trip split ms/msd
1520	1.5'	B	2 8 S D 1 5 0	(prime) dup trip split ms/msd
1530	0.5'	C	2 8 S D 1 5 1	(prime) dup trip split ms/msd
1535	0.5'	C	2 8 S D 2 5 1	prime (dup) trip split ms/msd
1530	0.5'	C	2 8 S D 3 5 1	prime dup (trip) split ms/msd
1530	0.5'	C	2 8 S D 4 5 1	prime dup trip (split) ms/msd
1545	1.5'	C	2 8 S D 1 5 2	(prime) dup trip split ms/msd
			_ _ _ _ _ _ _ _	prime dup trip split ms/msd
			_ _ _ _ _ _ _ _	prime dup trip split ms/msd
			_ _ _ _ _ _ _ _	prime dup trip split ms/msd

Laboratory Tests: (DRO) (RRO) ~~GRO~~ ~~BTEX~~ ~~VOC~~ (PAH) (PCB) ~~Pesticides~~ ~~TAL metals~~ Pb Zn Cr (TOC) Geotech

STREAM CROSS-SECTION DIAGRAM	Project Number: 1850574.260120	**CS #:** 7	Page 2 of 2

Project: NEC 2001 Phase III RI | **Client:** USAED

Date: 8-19-01 | **Sampler(s):** M Markell, D Quist

Stream Name: Site 28

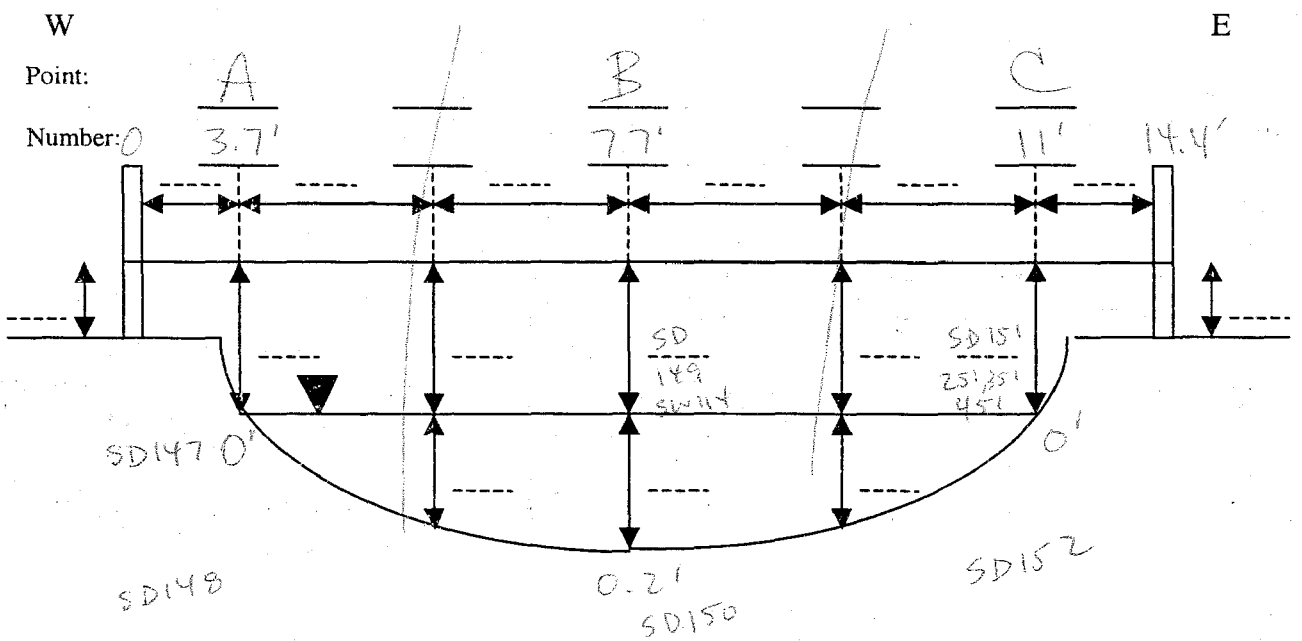
Appearance: see other side

Survey/Measurement Equipment: fiberglass tape, wood lath

Site Sketch (Plan View):

N

Cross-Section Sketch:



Label sample points from west to east A, B, C, etc. The first sample at each point is 1, the next 2, etc.

SURFACE WATER AND SEDIMENT SAMPLING FIELD NOTE FORM	Project Number: 1850574.260110	Sample Location: Site 28, CS-8	Page 1 of 2
Project: NEC 2001 Phase III RI	**Client:** USAED - Alaska		
Date: 8-19-01	**Sampler(s):** Melissa Markell, Doug Quist		

SURFACE WATER SAMPLE INFORMATION

Stream Name: Site 28	**Depth:** < 1 ft	**Width:** 8 ft
Appearance: channel full of debris (mainly sheet metal), fuel sheen		
Cross-Section Number/Location (if applicable):		
Collection method: Disposable Teflon dipper	**Temp. ° C:**	**Cond. (umhos/cm):**
	pH:	**CS Collection Point:**
Sheen: none slight moderate abundant	**Odor:** none slight moderate strong	

Time:	**Depth:**	**Sample ID:** Ø1NE _____ prime dup trip split ms/msd
Time:	**Depth:**	**Sample ID:** Ø1NE _____ prime dup trip split ms/msd
Time:	**Depth:**	**Sample ID:** Ø1NE _____ prime dup trip split ms/msd

Laboratory Tests: DRO RRO GRO BTEX VOC SVOC PAH PCB TAL metals

SEDIMENT SAMPLE INFORMATION

Collection method: stainless steel spoon, hand auger core

Cross-Section Number/Location (if applicable): CS-8

Time:	Depth:	Point:	Sample ID: Ø1NE
1610	0.5'	A	28SD153 prime dup trip split ms/msd
(1615)	0.5'	A	28SD253 prime dup trip split ms/msd
1620	0.5'	A	28SD353 prime dup trip split ms/msd
1620	1.5'	A	28SD154 prime dup trip split ms/msd
1625	0.5'	B	28SD155 prime dup trip split ms/msd
1630	1.5'	B	28SD156 prime dup trip split ms/msd
1635	0.5'	C	28SD157 prime dup trip split ms/msd
(1640)	0.5'	C	28SD257 prime dup trip split ms/msd
1635	0.5'	C	28SD357 prime dup trip split ms/msd
1645	1.5'	C	28SD158 prime dup trip split ms/msd
			Sample ID: Ø1NE _____ prime dup trip split ms/msd
			Sample ID: Ø1NE _____ prime dup trip split ms/msd
			Sample ID: Ø1NE _____ prime dup trip split ms/msd
			Sample ID: Ø1NE _____ prime dup trip split ms/msd
			Sample ID: Ø1NE _____ prime dup trip split ms/msd

Laboratory Tests: DRO RRO ~~GRO~~ BTEX VOC PAH PCB ~~Pesticides~~ ~~TAL metals~~ Pb Zn Cr TOC ~~Geotech~~

STREAM CROSS-SECTION DIAGRAM	Project Number: 1850574.260120	**CS #:** 8	Page 2 of 2

Project: NEC 2001 Phase III RI | **Client:** USAED

Date: 8-19-01 | **Sampler(s):** M. Markell, D. Quist

Stream Name: Site 28

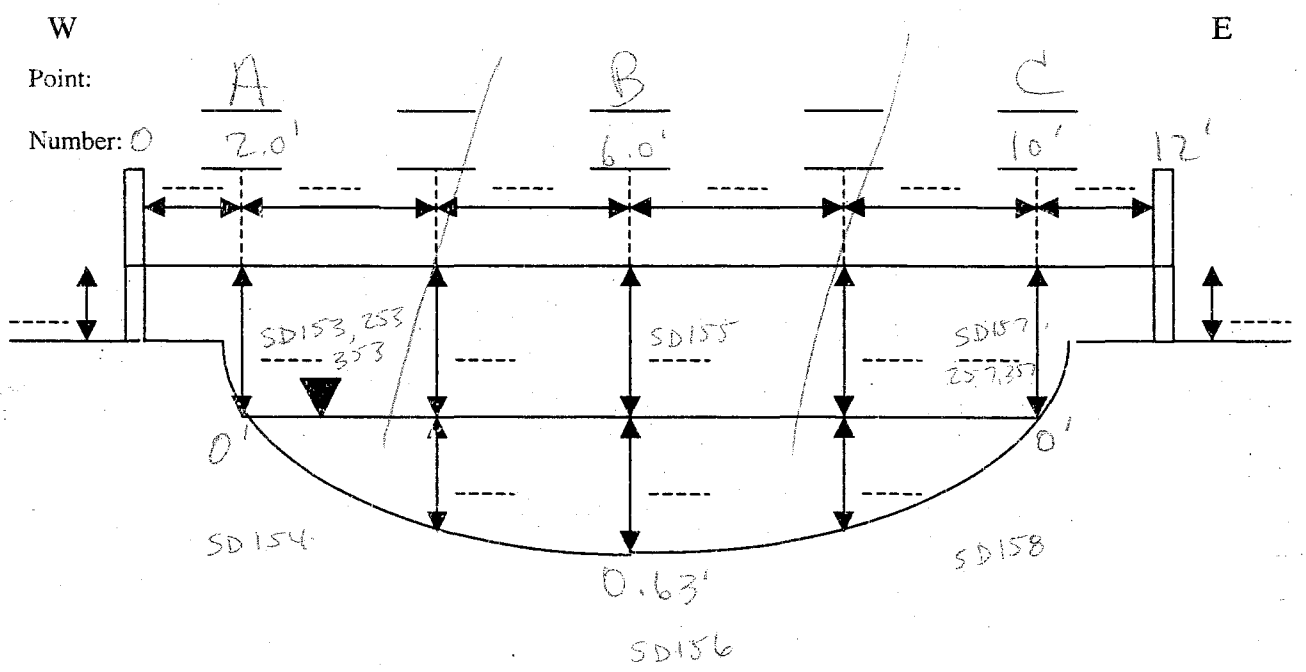
Appearance: See other side

Survey/Measurement Equipment: fiberglass tape, wooden lath

Site Sketch (Plan View):

N

Cross-Section Sketch:



Label sample points from west to east A, B, C, etc. The first sample at each point is 1, the next 2, etc.

SURFACE WATER AND SEDIMENT SAMPLING FIELD NOTE FORM	Project Number: 1850574.260110	Sample Location: Site 28, CS-9	Page 1 of 2
Project: NEC 2001 Phase III RI	**Client:** USAED - Alaska		
Date: 8/20/01	**Sampler(s):** Melissa Markell, Doug Quist		

SURFACE WATER SAMPLE INFORMATION

Stream Name: Site 28 **Depth:** 0.5 ft **Width:** 8.0 ft

Appearance: abundant debris, scum

Cross-Section Number/Location (if applicable): CS-9

Collection method: 8/19/01 Disposable Teflon dipper turb: 2.12 NTU **Temp. ° C:** 5.3 **pH:** 6.96 **Cond. (umhos/cm):** 81.7 uS **CS Collection Point:** DO: HACH 9.0 mg/L YSI 9.6 mg/L

Sheen: (none) slight moderate abundant **Odor:** (none) slight moderate strong

Time: 1430	**Depth:** 2"	**Sample ID:** Ø1NE 28SW115 (prime) dup trip split ms/msd
Time:	**Depth:**	**Sample ID:** Ø1NE _____ prime dup trip split ms/msd
Time:	**Depth:**	**Sample ID:** Ø1NE _____ prime dup trip split ms/msd

Laboratory Tests: (DRO) (RRO) ~~GRO~~ ~~BTEX~~ ~~VOC~~ ~~SVOC~~ ~~PAH~~ (PCB) ~~TAL metals~~

SEDIMENT SAMPLE INFORMATION

Collection method: stainless steel spoon, hand auger core

Cross-Section Number/Location (if applicable): CS-9

Time: 1355	Depth: 6"	Point: A	**Sample ID:** Ø1NE 28SD159 (prime) dup trip split ms/msd
Time: 1405	Depth: 12"	Point: A	**Sample ID:** Ø1NE 28SD160 (prime) dup trip split ms/msd
Time: 1410	Depth: 6"	Point: B	**Sample ID:** Ø1NE 28SD161 (prime) dup trip split ms/msd
Time: na	Depth: na	Point: B	**Sample ID:** Ø1NE ____162 not collected ~~prime dup trip split ms/msd~~
Time: 1430	Depth: 6"	Point: C	**Sample ID:** Ø1NE 28SD163 (prime) dup trip split ms/msd
Time: 1440	Depth: 1.5'	Point: C	**Sample ID:** Ø1NE 28SD164 (prime) dup trip split ms/msd
Time: 1435	Depth: 6"	Point: C	**Sample ID:** Ø1NE 28SD263 prime (dup) trip split ms/msd
Time: 1430	Depth: 6"	Point: C	**Sample ID:** Ø1NE 28SD363 prime dup (trip) split ms/msd
Time: 1430	Depth: 6"	Point: C	**Sample ID:** Ø1NE 28SD463 prime dup trip (split) ms/msd
Time:	Depth:	Point:	**Sample ID:** Ø1NE _____ prime dup trip split ms/msd
Time:	Depth:	Point:	**Sample ID:** Ø1NE _____ prime dup trip split ms/msd
Time:	Depth:	Point:	**Sample ID:** Ø1NE _____ prime dup trip split ms/msd
Time:	Depth:	Point:	**Sample ID:** Ø1NE _____ prime dup trip split ms/msd
Time:	Depth:	Point:	**Sample ID:** Ø1NE _____ prime dup trip split ms/msd
Time:	Depth:	Point:	**Sample ID:** Ø1NE _____ prime dup trip split ms/msd

Laboratory Tests: (DRO) RRO ~~GRO~~ ~~BTEX~~ ~~VOC~~ PAH (PCB) ~~Pesticides~~ ~~TAL metals~~ (Pb Zn Cr TOC) ~~Geotech~~

STREAM CROSS-SECTION DIAGRAM	Project Number: 1850574.260120	**CS #:** 9	Page 2 of 2

Project: NEC 2001 Phase III RI | **Client:** USAED

Date: 8-20-01 | **Sampler(s):** M. Markell, D. Quist

Stream Name: Site 29

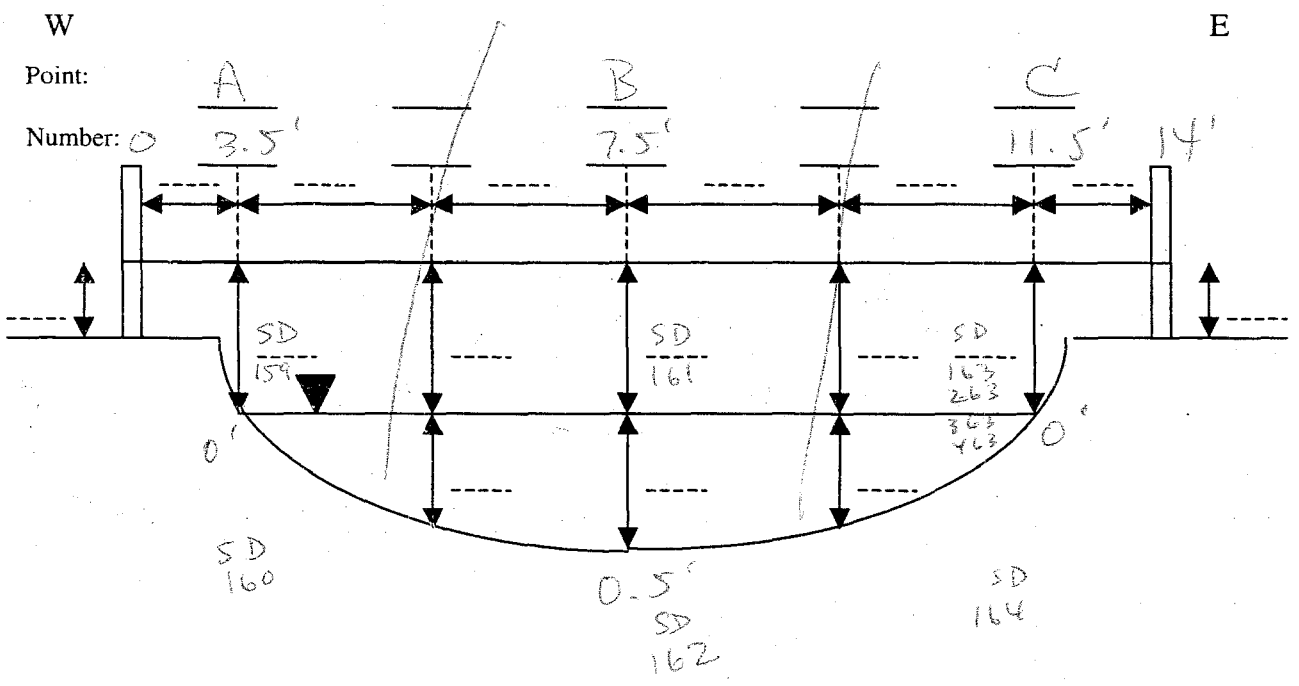
Appearance: See other side

Survey/Measurement Equipment: fiberglass tape, Wood lath.

Site Sketch (Plan View):

N

Cross-Section Sketch:



Label sample points from west to east A, B, C, etc. The first sample at each point is 1, the next 2, etc.

SURFACE WATER AND SEDIMENT SAMPLING FIELD NOTE FORM	Project Number: 1850574.260110	Sample Location: CS-10	Page 1 of 2

Project: NEC 2001 Phase III RI	**Client:** USAED - Alaska
Date: 8-20-01	**Sampler(s):** Melissa Markell, Doug Quist

SURFACE WATER SAMPLE INFORMATION

Stream Name: Site 28	**Depth:** 0.6' ft	**Width:** 22 ft	
Appearance: abundant debris, scum, fuel sheen			
Cross-Section Number/Location (if applicable): CS-10			
Collection method: Disposable ~~Teflon dipper~~	**Temp. ° C:**	**Cond. (umhos/cm):**	
	pH:	**CS Collection Point:**	
Sheen: none slight moderate ~~abundant~~		**Odor:** ~~none~~ slight moderate strong	
Time:	**Depth:** na	**Sample ID:** Ø1NE _ _ _ _ _ _ _	prime dup trip split ms/msd
Time:	**Depth:**	**Sample ID:** Ø1NE _ _ _ _ _ _ _	prime dup trip split ms/msd
Time:	**Depth:**	**Sample ID:** Ø1NE _ _ _ _ _ _ _	prime dup trip split ms/msd
Laboratory Tests: DRO RRO GRO BTEX VOC SVOC PAH PCB TAL metals			

SEDIMENT SAMPLE INFORMATION

Collection method: stainless steel spoon, hand auger core

Cross-Section Number/Location (if applicable):

Time	Depth	Point	Sample ID	Type
1450	6"	A	Ø1NE 2 8 S D 1 6 5	(prime) dup trip split ms/msd
1455	1.5'	A	Ø1NE 2 8 S D 1 6 6	(prime) dup trip split ms/msd
1505	6"	B	Ø1NE 2 8 S D 1 6 7	(prime) dup trip split ms/msd
1510	1.5'	B	Ø1NE 2 8 S D 1 6 8	(prime) dup trip split ms/msd
1515	6"	C	Ø1NE 2 8 S D 1 6 9	(prime) dup trip split ms/msd
1530	8"	C	Ø1NE 2 8 S D 1 7 0	(prime) dup trip split ms/msd
			Ø1NE _ _ _ _ _ _ _	prime dup trip split ms/msd
			Ø1NE _ _ _ _ _ _ _	prime dup trip split ms/msd
			Ø1NE _ _ _ _ _ _ _	prime dup trip split ms/msd
			Ø1NE _ _ _ _ _ _ _	prime dup trip split ms/msd
			Ø1NE _ _ _ _ _ _ _	prime dup trip split ms/msd
			Ø1NE _ _ _ _ _ _ _	prime dup trip split ms/msd
			Ø1NE _ _ _ _ _ _ _	prime dup trip split ms/msd
			Ø1NE _ _ _ _ _ _ _	prime dup trip split ms/msd
			Ø1NE _ _ _ _ _ _ _	prime dup trip split ms/msd

Laboratory Tests: (DRO RRO) ~~GRO BTEX VOC~~ (PAH PCB) ~~Pesticides TAL metals~~ (Pb Zn Cr TOC) ~~Geotech~~

STREAM CROSS-SECTION DIAGRAM	Project Number: 1850574.260120	**CS #:** 1D	Page 2 of 2

Project: NEC 2001 Phase III RI | **Client:** USAED

Date: 8-20-01 | **Sampler(s):** M. Martell, D. Quist

Stream Name: Site 2B

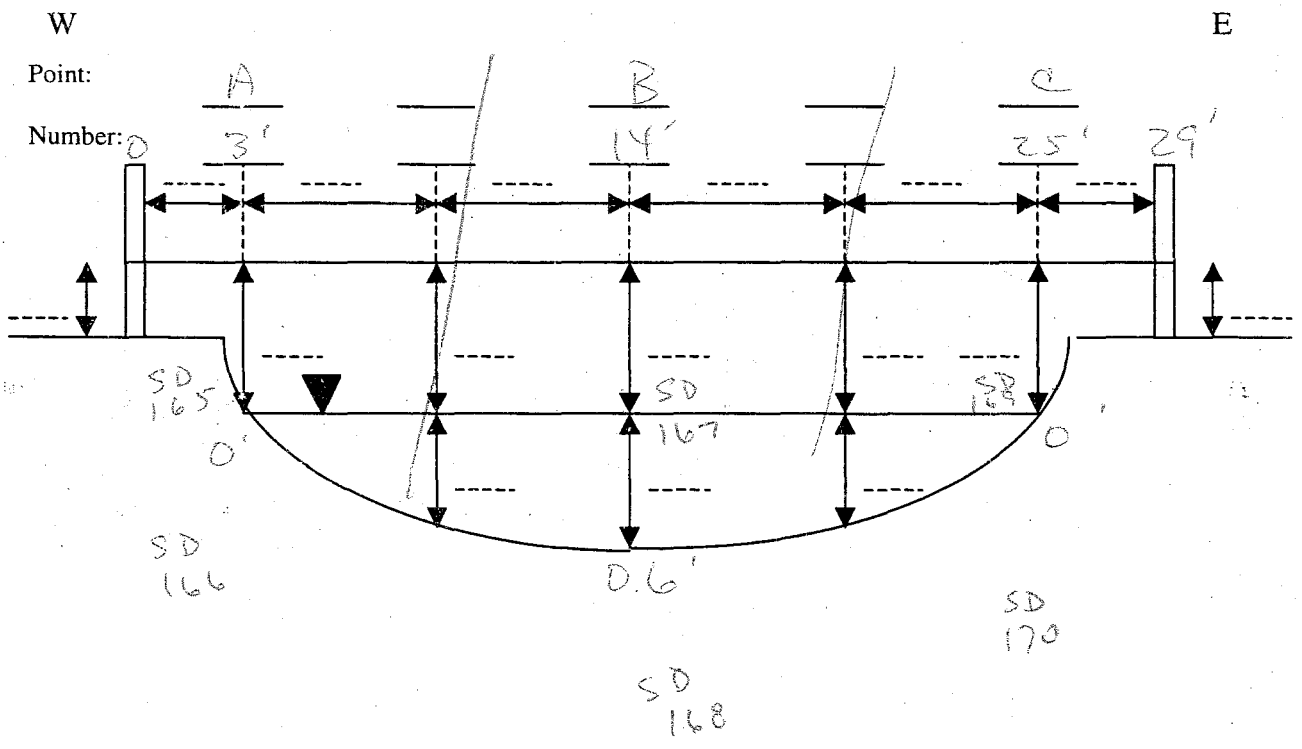
Appearance: see other side

Survey/Measurement Equipment: fiberglass tape, wood lath

Site Sketch (Plan View):

N

Cross-Section Sketch:



Label sample points from west to east A, B, C, etc. The first sample at each point is 1, the next 2, etc.

SURFACE WATER AND SEDIMENT SAMPLING FIELD NOTE FORM	Project Number: 1850574.260110	Sample Location: CS-11	Page 1 of 2
Project: NEC 2001 Phase III RI	**Client:** USAED - Alaska		
Date: 8-20-01	**Sampler(s):** Melissa Markell, Doug Quist		

SURFACE WATER SAMPLE INFORMATION

Stream Name: Site 28 | **Depth:** < 3 inches ~~ft~~ | **Width:** variable ft

Appearance: saturated soil with puddles, abundant vegetation

Cross-Section Number/Location (if applicable): CS-11

Collection method: Turb: 2.27 NTU Disposable Teflon dipper | **Temp. ° C:** 4.8 | **Cond. (~~umhos/cm~~):** 66.6 uS

pH: 8.61 | **~~CS Collection Point~~:** DO: HACH 8.7 mg/L YSI 8.9 mg/L

Sheen: none slight moderate abundant | **Odor:** none slight moderate strong

Time: 1010	**Depth:** 2"	**Sample ID:** Ø1NE 2 8 S W 1 1 6 prime dup trip split ms/msd
Time:	**Depth:**	**Sample ID:** Ø1NE _ _ _ _ _ _ _ prime dup trip split ms/msd
Time:	**Depth:**	**Sample ID:** Ø1NE _ _ _ _ _ _ _ prime dup trip split ms/msd

Laboratory Tests: DRO RRO ~~GRO BTEX VOC SVOC~~ PAH PCB ~~TAL metals~~

SEDIMENT SAMPLE INFORMATION

Collection method: stainless steel spoon, hand auger core

Cross-Section Number/Location (if applicable): CS-11

Time: 1020	**Depth:** 6"	**Point:** A	**Sample ID:** Ø1NE 2 8 S D 1 7 1 prime dup trip split ms/msd
Time: (1025)	**Depth:** 6"	**Point:** A	**Sample ID:** Ø1NE 2 8 S D 2 7 1 prime dup trip split ms/msd
Time: 1020	**Depth:** 6"	**Point:** A	**Sample ID:** Ø1NE 2 8 S D 3 7 1 prime dup trip split ms/msd
Time: 1020	**Depth:** 6"	**Point:** A	**Sample ID:** Ø1NE 2 8 S D 4 7 1 prime dup trip split ms/msd
Time: 1030	**Depth:** 6"	**Point:** B	**Sample ID:** Ø1NE 2 8 S D 1 7 2 prime dup trip split ms/msd
Time: 1035	**Depth:** 6"	**Point:** C	**Sample ID:** Ø1NE 2 8 S D 1 7 3 prime dup trip split ms/msd
Time: 1040	**Depth:** 18"	**Point:** C	**Sample ID:** Ø1NE 2 8 S D 1 7 4 prime dup trip split ms/msd
Time: 1045	**Depth:** 6"	**Point:** D	**Sample ID:** Ø1NE 2 8 S D 2 7 4 ~~msm~~ prime dup trip split ms/msd
Time: 1050	**Depth:** 6"	**Point:** D	**Sample ID:** Ø1NE 2 8 S D ~~X~~2 7 ~~X~~4 prime dup trip split ms/msd
Time: 1045	**Depth:** 6"	**Point:** D	**Sample ID:** Ø1NE 2 8 S D 3 7 5 prime dup trip split ms/msd
Time: 1055	**Depth:** 6"	**Point:** E	**Sample ID:** Ø1NE 2 8 S D 1 7 6 prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE _ _ _ _ _ _ _ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE _ _ _ _ _ _ _ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE _ _ _ _ _ _ _ prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE _ _ _ _ _ _ _ prime dup trip split ms/msd

Laboratory Tests: DRO RRO ~~GRO BTEX VOC~~ PAH PCB ~~Pesticides TAL metals~~ Pb Zn Cr TOC ~~Geotech~~

STREAM CROSS-SECTION DIAGRAM	Project Number: 1850574.260120	**CS #:** 11	Page 2 of 2

Project: NEC 2001 Phase III RI | **Client:** USAED

Date: 8-20-01 | **Sampler(s):** Melissa Markel, Doug Quist

Stream Name: site 28

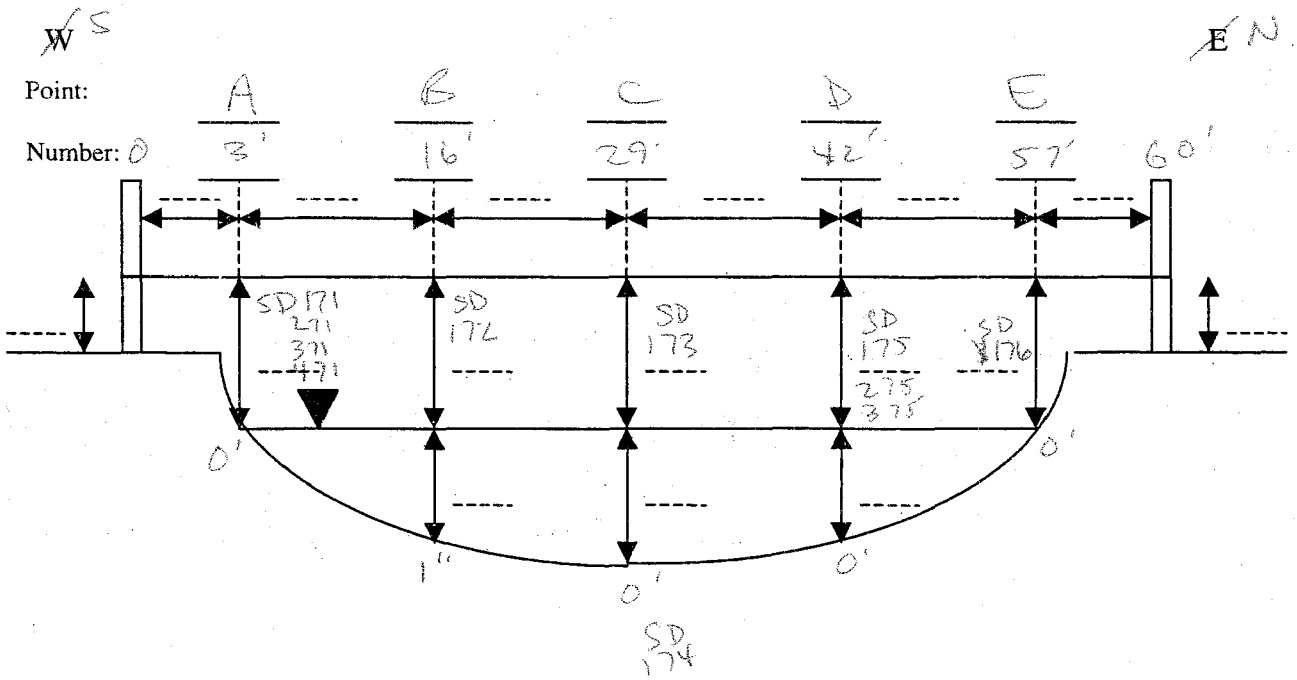
Appearance: see other side

Survey/Measurement Equipment: fiberglass tape, wood lath

Site Sketch (Plan View):

N

Cross-Section Sketch:



Label sample points from west to east A, B, C, etc. The first sample at each point is 1, the next 2, etc.

SURFACE WATER AND SEDIMENT SAMPLING FIELD NOTE FORM	Project Number: 1850574.260110	Sample Location: CS-12	Page 1 of 2
Project: NEC 2001 Phase III RI	**Client:** USAED - Alaska		
Date: 8-20-01	**Sampler(s):** Melissa Markele, Doug Quist		

SURFACE WATER SAMPLE INFORMATION

Stream Name: Site 28	**Depth:** up to 3" ~~ft~~	**Width:** variable ft
Appearance: saturated soil w/ puddles, vegetation; disturbed area at south end		
Cross-Section Number/Location (if applicable): CS-12		
Collection method: Disposable Teflon dipper	**Temp. ° C:**	**Cond. (umhos/cm):**
	pH:	**CS Collection Point:**
Sheen: none slight moderate abundant	**Odor:** none slight moderate strong	
Time:	**Depth:** na	**Sample ID: Ø1NE** __ __ __ __ __ __ __ prime dup trip split ms/msd
Time:	**Depth:**	**Sample ID: Ø1NE** __ __ __ __ __ __ __ prime dup trip split ms/msd
Time:	**Depth:**	**Sample ID: Ø1NE** __ __ __ __ __ __ __ prime dup trip split ms/msd
Laboratory Tests: DRO RRO GRO BTEX VOC SVOC PAH PCB TAL metals		

SEDIMENT SAMPLE INFORMATION

Collection method: stainless steel spoon, hand auger core

Cross-Section Number/Location (if applicable): CS-12

Time	Depth	Point	Sample ID	Type
1115	6"	A	Ø1NE 28SD177	(prime) dup trip split ms/msd
1120	6"	B	Ø1NE 28SD178	(prime) dup trip split ms/msd
1125	6"	C	Ø1NE 28SD179	(prime) dup trip split ms/msd
1130	18"	C	Ø1NE 28SD180	(prime) dup trip split ms/msd
1135	6"	D	Ø1NE 28SD181	(prime) dup trip split ms/msd
1140	6"	E	Ø1NE 28SD182	(prime) dup trip split ms/msd
			Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
			Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
			Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
			Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
			Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
			Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
			Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
			Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
			Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd

Laboratory Tests: (DRO RRO) ~~GRO BTEX VOC~~ (PAH PCB) ~~Pesticides TAL metals~~ (Pb Zn Cr TOC) ~~Geotech~~

STREAM CROSS-SECTION DIAGRAM	Project Number: 1850574.260120	**CS #:** 12	Page 2 of 2

Project: NEC 2001 Phase III RI | **Client:** USAED

Date: 8-20-01 | **Sampler(s):** M. Markell, Doug Quist

Stream Name: site 28

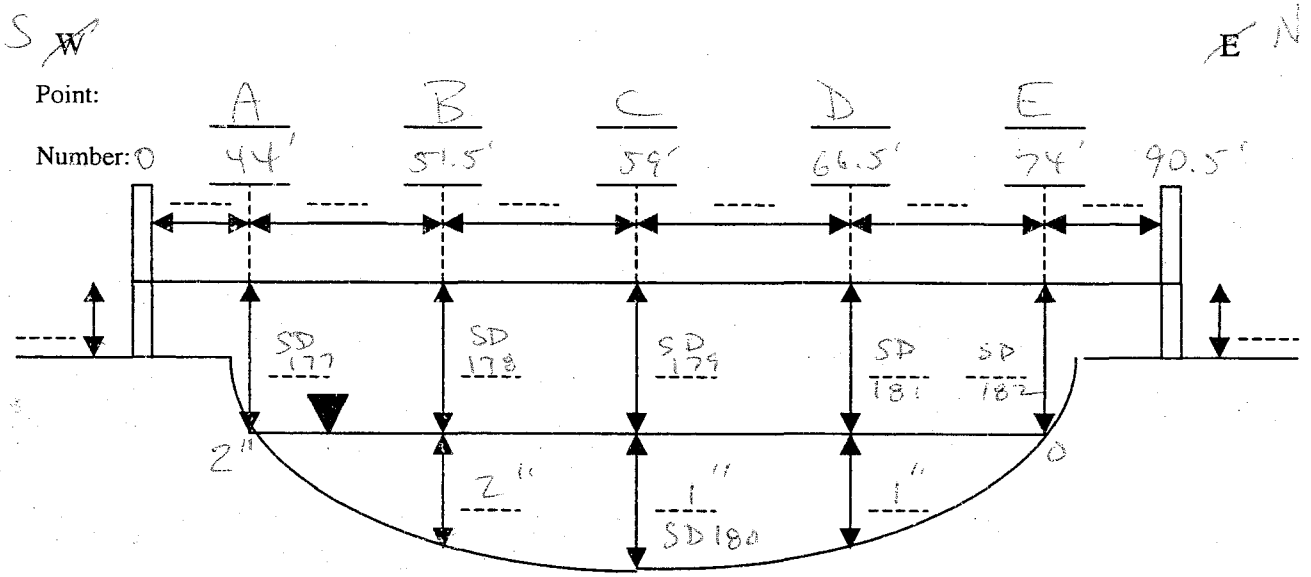
Appearance: see other side

Survey/Measurement Equipment: fiberglass tape, wood lath

Site Sketch (Plan View):

N

Cross-Section Sketch:



Label sample points from west to east A, B, C, etc. The first sample at each point is 1, the next 2, etc.

SURFACE WATER AND SEDIMENT SAMPLING FIELD NOTE FORM	Project Number: 1850574.260110	Sample Location: SC-1	Page 1 of 2
Project: NEC 2001 Phase III RI	**Client:** USAED - Alaska		
Date: 8-21-01	**Sampler(s):** Melissa Markell, Doug Quist		

SURFACE WATER SAMPLE INFORMATION

Stream Name: Sugi River | **Depth:** 1.35' ft | **Width:** 8.0' ft

Appearance: clear, no sheen or odor

Cross-Section Number/Location (if applicable): SC-1

Collection method: Disposable Teflon dipper

Temp. ° C: 7.6 / Turb. 1.50 NTU | **Cond. ~~(umhos/cm)~~:** 138.4 uS

pH: 7.47 | **~~CS Collection Point~~:** HACH DO: 11.0 mg/L

Sheen: (none) slight moderate abundant | **Odor:** (none) slight moderate strong

Time	Depth	Sample ID: Ø1NE	
1625	3"	29SW114	(prime) dup trip split ms/msd
			prime dup trip split ms/msd
			prime dup trip split ms/msd

Laboratory Tests: DRO RRO GRO BTEX ~~VOC SVOC~~ PAH PCB TAL metals

SEDIMENT SAMPLE INFORMATION

Collection method: hand auger core

Cross-Section Number/Location (if applicable): SC-1

Time	Depth	Point	Sample ID: Ø1NE	
1630	6"	A	29SD114	(prime) dup trip split (ms/msd)
(1635)	6"	A	29SD214	prime (dup) trip split ms/msd
1630	6"	A	29SD314	prime dup (trip) split ms/msd
1630	6"	A	29SD414	prime dup trip (split) ms/msd
1650	6"	B	29SD115	(prime) dup trip split ms/msd
1705	6"	C	29SD116	(prime) dup trip split ms/msd
				prime dup trip split ms/msd
				prime dup trip split ms/msd
				prime dup trip split ms/msd
				prime dup trip split ms/msd
				prime dup trip split ms/msd
				prime dup trip split ms/msd
				prime dup trip split ms/msd
				prime dup trip split ms/msd

Laboratory Tests: (DRO RRO) ~~GRO BTEX~~ VOC (PAH PCB) ~~Pesticides TAL metals~~ Pb Zn Cr TOC ~~Geotech~~

STREAM CROSS-SECTION DIAGRAM	Project Number: 1850574.260120	~~CS~~ #: SC-1	Page 2 of 2

Project: NEC 2001 Phase III RI | **Client:** USAED

Date: 8-21-01 | **Sampler(s):** M Markell, D Quist

Stream Name: Sugi River

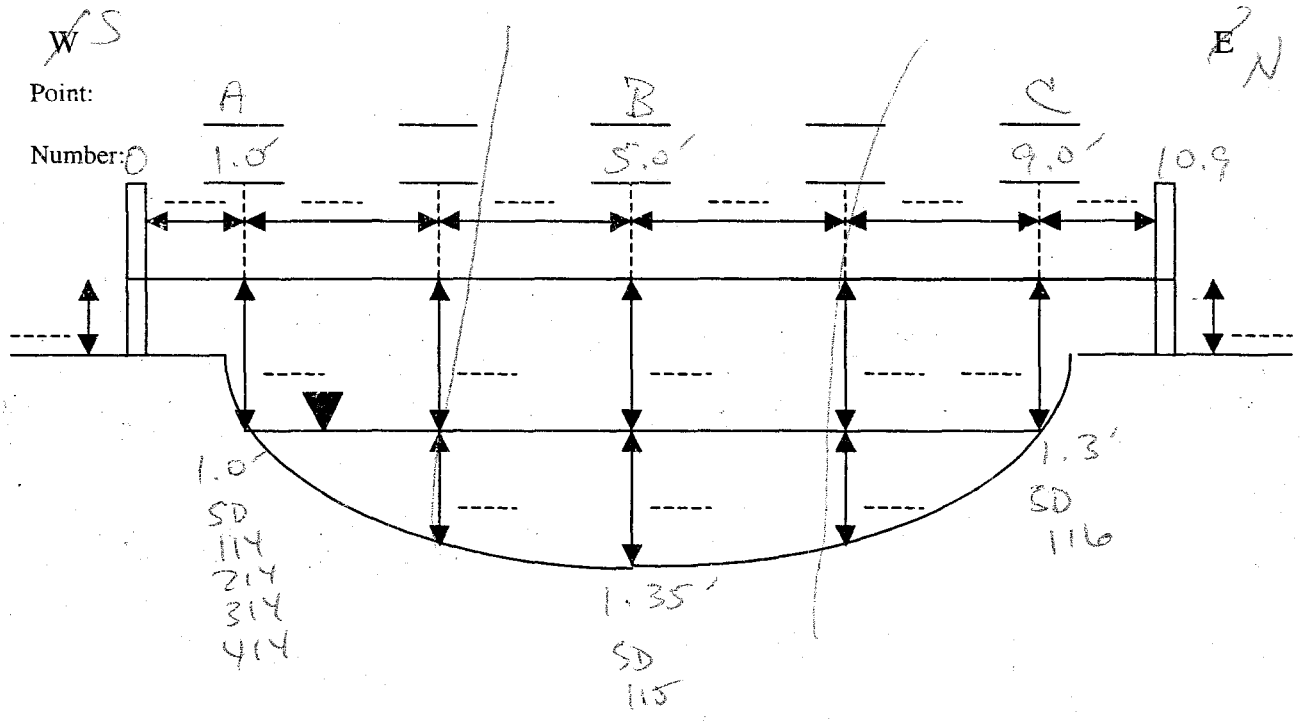
Appearance: see other side

Survey/Measurement Equipment: fiberglass tape, wood lath

Site Sketch (Plan View):

N

Cross-Section Sketch:



Label sample points from west to east A, B, C, etc. The first sample at each point is 1, the next 2, etc.

SURFACE WATER AND SEDIMENT SAMPLING FIELD NOTE FORM	Project Number: 1850574.260110	Sample Location: ~~SC~~ SS-2	Page 1 of 2
Project: NEC 2001 Phase III RI	**Client:** USAED - Alaska		
Date:	**Sampler(s):**		

SURFACE WATER SAMPLE INFORMATION

Stream Name: Sugi River		**Depth:** 2.0 ~~1.5~~ ft	**Width:** 20.5 ft	
Appearance: clear, wide spot in river with eddy				
Cross-Section Number/Location (if applicable): SC-2				
Collection method: Disposable Teflon dipper		**Temp. ° C:** 7.2	**Cond. ~~(umhos/cm)~~:** 142.3 uS	
		pH: 7.38 | turb: 1.8 NTU	**~~CS Collection Point:~~** Hach DO: 10.8	
Sheen: (none) slight moderate abundant		**Odor:** (none) slight moderate strong		
Time: 1530	**Depth:** 3"	**Sample ID:** Ø1NE 2 9 S W 1 1 5	(prime) dup trip split ms/msd	
Time:	**Depth:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd	
Time:	**Depth:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd	

Laboratory Tests: DRO RRO GRO BTEX ~~VOC SVOC~~ PAH PCB TAL metals

SEDIMENT SAMPLE INFORMATION

Collection method: hand auger core

Cross-Section Number/Location (if applicable): SC-2

Time	Depth	Point	Sample ID	
1540	6"	A	Ø1NE 2 9 S P 1 1 7	(prime) dup trip split ms/msd
1545	6"	B	Ø1NE 2 9 S D 1 1 8	(prime) dup trip split ms/msd
1550	6"	C	Ø1NE 2 9 S D 1 1 9	(prime) dup trip split ms/msd
			Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
			Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
			Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
			Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
			Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
			Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
			Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
			Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
			Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
			Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
			Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
			Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd

Laboratory Tests: (DRO RRO) ~~GRO BTEX VOC~~ (PAH PCB) ~~Pesticides TAL metals~~ (Pb Zn Cr TOC) ~~Geotech~~

STREAM CROSS-SECTION DIAGRAM	Project Number: 1850574.260120	**CS #:** SC-2	Page 2 of 2

Project: NEC 2001 Phase III RI | **Client:** USAED

Date: 8-21-01 | **Sampler(s):** M Markell, D. Quist

Stream Name: Sugi River

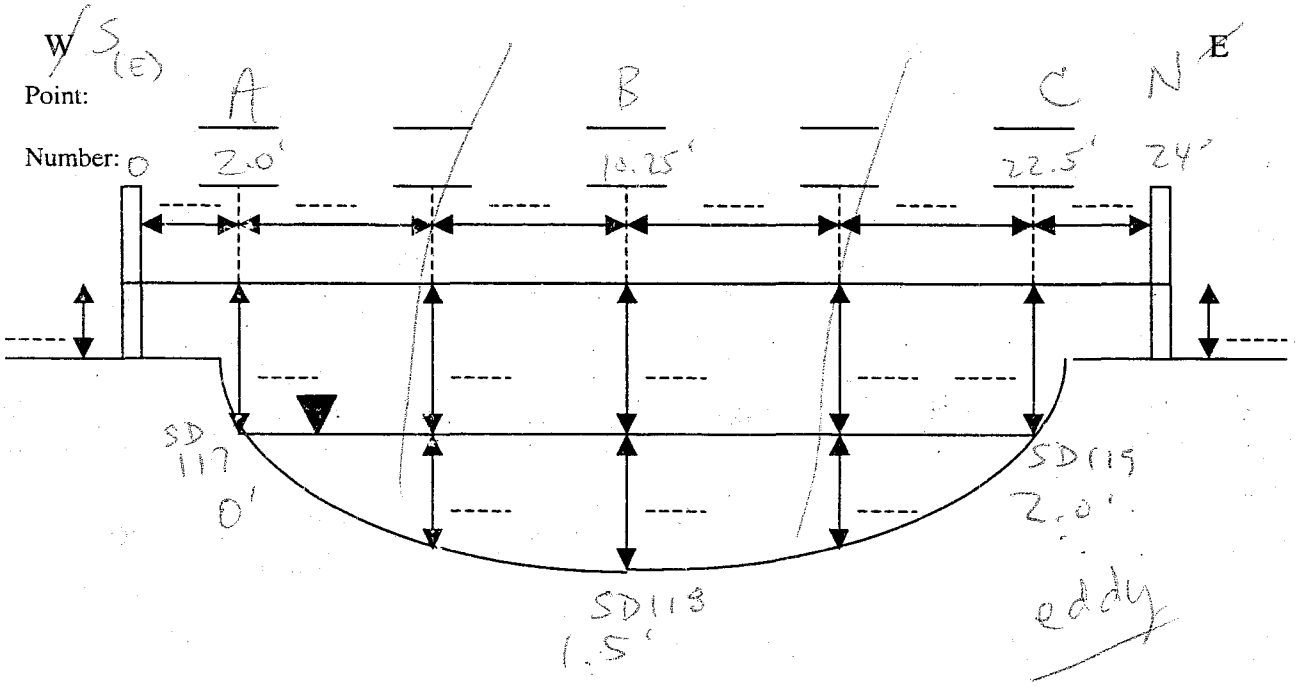
Appearance: see other side

Survey/Measurement Equipment: fiberglass tape, wood lath

Site Sketch (Plan View):

N

Cross-Section Sketch:



Label sample points from west to east A, B, C, etc. The first sample at each point is 1, the next 2, etc.

SS SC-X3

SURFACE WATER AND SEDIMENT SAMPLING FIELD NOTE FORM	Project Number: 1850574.260110	Sample Location: SW/SD 116	Page 1 of 2
Project: NEC 2001 Phase III RI	**Client:** USAED - Alaska		
Date: 8-21-01	**Sampler(s):** Melissa Markell, Doug Quist		

SURFACE WATER SAMPLE INFORMATION

Stream Name: Sugi River **Depth:** 1.2 ft **Width:** 13 ft

Appearance: clear, no sheen when sediments disturbed

Cross-Section Number/Location (if applicable): SC-3

Collection method: Disposable Teflon dipper

Temp. ° C: 6.9 **Cond. (~~umhos/cm~~):** 2.175 mS turb: 2.08 NTU

pH: 7.43 **~~CS Collection Point:~~** Hach DO: 11.0 mg/L

Sheen: (none) slight moderate abundant **Odor:** (none) slight moderate strong

Time	Depth	Sample ID	
1335	3"	Ø1NE 2 9 S W 1 1 6	(prime) dup trip split ms/msd
		Ø1NE	prime dup trip split ms/msd
		Ø1NE	prime dup trip split ms/msd

Laboratory Tests: DRO RRO GRO BTEX ~~VOC SVOC~~ PAH PCB TAL metals

SEDIMENT SAMPLE INFORMATION

Collection method: ~~Stainless~~ mym hand auger core

Cross-Section Number/Location (if applicable):

Time	Depth	Point	Sample ID	
1400	6"	A	Ø1NE 2 9 S D 1 2 0	(prime) dup trip split ms/msd
1405	6"	B	Ø1NE 2 9 S D 1 2 1	(prime) dup trip split ms/msd
1415	6"	C	Ø1NE 2 9 S D 1 2 2	(prime) dup trip split ms/msd
			Ø1NE	prime dup trip split ms/msd
			Ø1NE	prime dup trip split ms/msd
			Ø1NE	prime dup trip split ms/msd
			Ø1NE	prime dup trip split ms/msd
			Ø1NE	prime dup trip split ms/msd
			Ø1NE	prime dup trip split ms/msd
			Ø1NE	prime dup trip split ms/msd
			Ø1NE	prime dup trip split ms/msd
			Ø1NE	prime dup trip split ms/msd
			Ø1NE	prime dup trip split ms/msd
			Ø1NE	prime dup trip split ms/msd
			Ø1NE	prime dup trip split ms/msd

Laboratory Tests: (DRO) RRO ~~GRO~~ BTEX ~~VOC~~ (PAH) (PCB) Pesticides TAL metals (Pb Zn Cr TOC) Geotech

STREAM CROSS-SECTION DIAGRAM	Project Number: 1850574.260120	~~CS #:~~ SC-3	Page 2 of 2

Project: NEC 2001 Phase III RI | **Client:** USAED

Date: 8-21-01 | **Sampler(s):** M. Markell, D Quist

Stream Name: Sugi

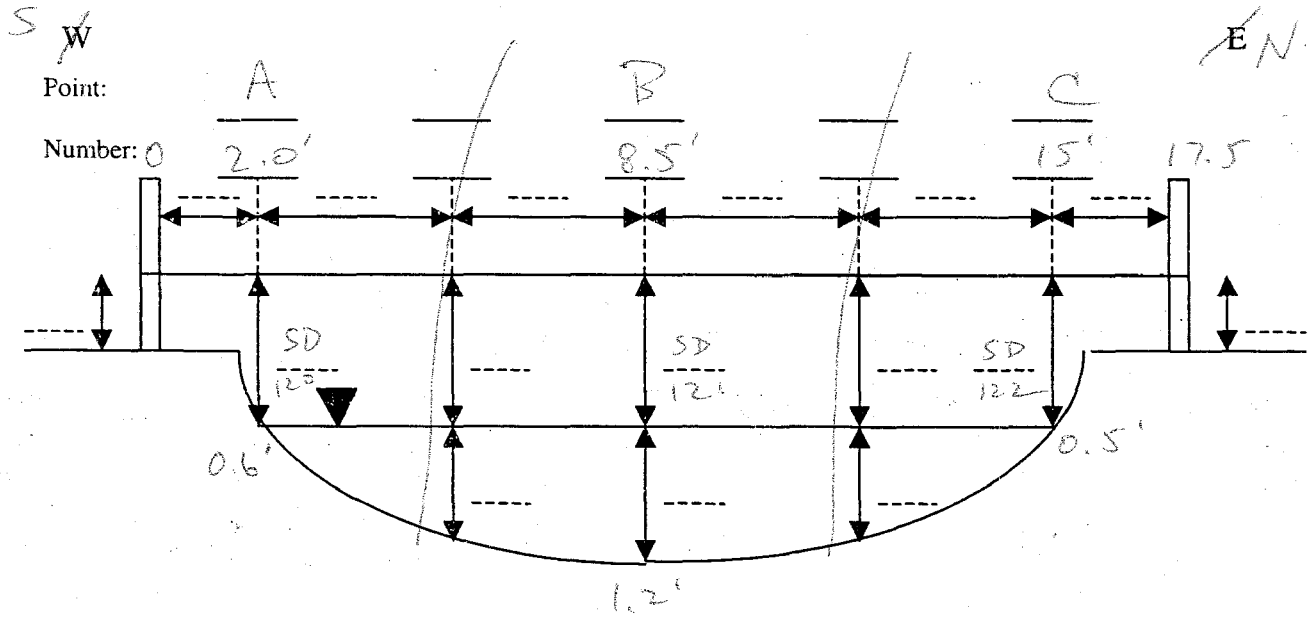
Appearance: see other side

Survey/Measurement Equipment: fiberglass tape, wood lath

Site Sketch (Plan View):

N

Cross-Section Sketch:



Label sample points from west to east A, B, C, etc. The first sample at each point is 1, the next 2, etc.

SURFACE WATER AND SEDIMENT SAMPLING FIELD NOTE FORM	Project Number: 1850574.260110	Sample Location: Site 29 CS-4	Page 1 of 2
Project: NEC 2001 Phase III RI	**Client:** USAED - Alaska		
Date: 8-21-01	**Sampler(s):** Johanna Dreher & Doug Quist		

SURFACE WATER SAMPLE INFORMATION

Stream Name: Sugi River	**Depth:** ft	**Width:** ft
Appearance: Clear no sheen or Odor		
Cross-Section Number/Location (if applicable): CS-4		
~~**Collection method:**~~ Disposable Teflon ~~dipper~~	**Temp. ° C:**	**Cond. (umhos/cm):**
	pH:	**CS Collection Point:**
Sheen: none slight moderate abundant	**Odor:** none slight moderate strong	

Time:	**Depth:**	**Sample ID:** Ø1NE _____ prime dup trip split ms/msd
Time:	**Depth:**	**Sample ID:** Ø1NE _____ prime dup trip split ms/msd
Time:	**Depth:**	**Sample ID:** Ø1NE _____ prime dup trip split ms/msd

Laboratory Tests: DRO RRO GRO BTEX VOC SVOC PAH PCB TAL metals

SEDIMENT SAMPLE INFORMATION

Collection method: hand auger core

Cross-Section Number/Location (if applicable):

Time:	Depth:	Point:	Sample ID: Ø1NE
0900	6"	A	29SD123 (prime) dup trip split ms/msd
0910	3ft	B	29SD124 (prime) dup trip split ms/msd
~~0930~~ 0940	1.7ft	C	29SD125 (prime) dup trip split ms/msd
0955	1.7ft	C	29SD225 prime (dup) trip split ms/msd
1000	1.7ft	C	29SD325 prime dup (trip) split ms/msd
1005	1.7ft	C	29SD425 prime dup trip (split) ms/msd
			prime dup trip split ms/msd
			prime dup trip split ms/msd
			prime dup trip split ms/msd
			prime dup trip split ms/msd
			prime dup trip split ms/msd
			prime dup trip split ms/msd
			prime dup trip split ms/msd
			prime dup trip split ms/msd

Laboratory Tests: (DRO) RRO GRO BTEX VOC (PAH) (PCB) Pesticides TAL metals (Pb Zn Cr) (TOC) Geotech

STREAM CROSS-SECTION DIAGRAM	Project Number: 1850574.260120	**CS #:** CS-4	Page 2 of 2

Project: NEC 2001 Phase III RI | **Client:** USAED

Date: 8-21-01 | **Sampler(s):** Dreher, Quist

Stream Name: Sugi

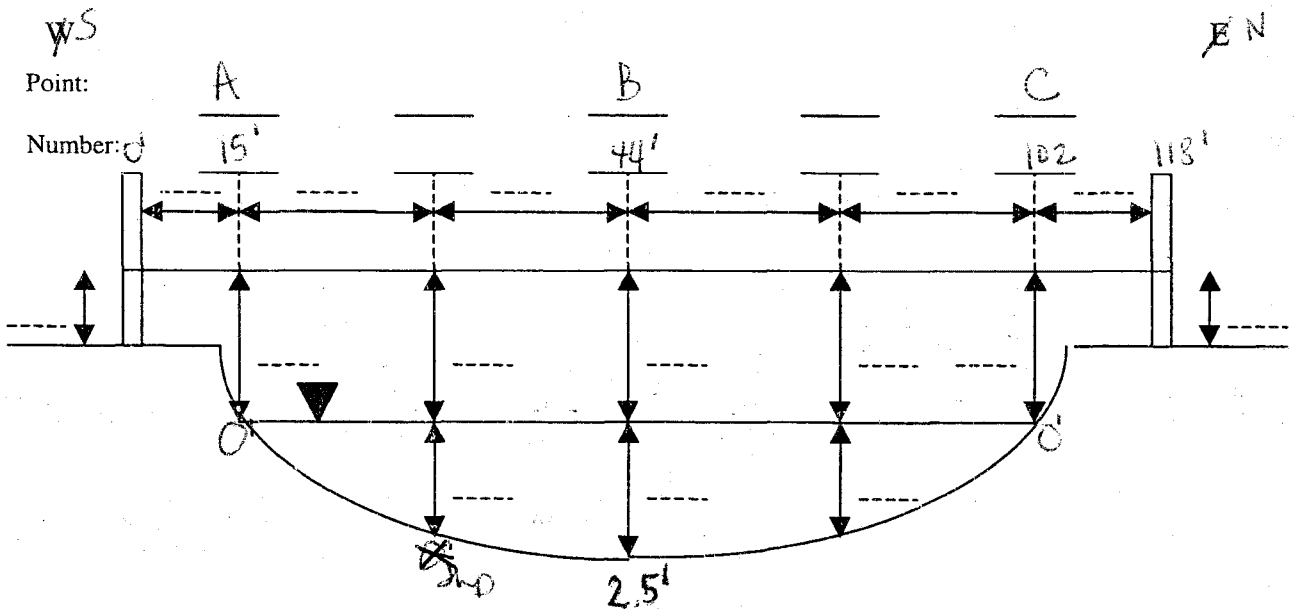
Appearance: clear no sheen or odor

Survey/Measurement Equipment: fiber glass tape, wood lath

Site Sketch (Plan View):

N

Cross-Section Sketch:



Label sample points from west to east A, B, C, etc. The first sample at each point is 1, the next 2, etc.

SURFACE WATER AND SEDIMENT SAMPLING FIELD NOTE FORM	Project Number: 1850574.260110	Sample Location: Site 29	Page 1 of 1
Project: NEC 2001 Phase III RI	**Client:** USAED - Alaska		
Date: 8-20-01	**Sampler(s):** Johanna Dreher & Doug Quist		

SURFACE WATER SAMPLE INFORMATION

Stream Name: Sugi River	**Depth:** ft	**Width:** ft
Appearance: Clear, no sheen or odor		
Cross-Section Number/Location (if applicable): —		
Collection method: Disposable Teflon dipper	**Temp. ° C:** 8.3	**Cond. (umhos/cm):** 233
	pH: 8.3	~~**CS Collection Point:**~~ HACH DO 11 mg/L
Sheen: (none) slight moderate abundant	**Odor:** (none) slight moderate strong	
Time: 1940	**Depth:** 2"	**Sample ID:** Ø1NE 29SW117 (prime) dup trip split ms/msd
Time: 1945	**Depth:** 2"	**Sample ID:** Ø1NE 29SW217 prime (dup) trip split ms/msd
Time: 1950	**Depth:** 2"	**Sample ID:** Ø1NE 29SW317 prime dup (trip) split ms/msd

Laboratory Tests: (DRO/ RRO) (GRO/ BTEX) VOC SVOC (PAH) (PCB) (TAL metals)

SEDIMENT SAMPLE INFORMATION

Collection method:

Cross-Section Number/Location (if applicable):

Time:	Depth:	Point:	Sample ID:
Time:	Depth:	Point:	Sample ID: Ø1NE _ _ _ _ _ _ _ prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE _ _ _ _ _ _ _ prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE _ _ _ _ _ _ _ prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE _ _ _ _ _ _ _ prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE _ _ _ _ _ _ _ prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE _ _ _ _ _ _ _ prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE _ _ _ _ _ _ _ prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE _ _ _ _ _ _ _ prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE _ _ _ _ _ _ _ prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE _ _ _ _ _ _ _ prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE _ _ _ _ _ _ _ prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE _ _ _ _ _ _ _ prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE _ _ _ _ _ _ _ prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE _ _ _ _ _ _ _ prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE _ _ _ _ _ _ _ prime dup trip split ms/msd

Laboratory Tests: DRO RRO GRO BTEX VOC PAH PCB Pesticides TAL metals Pb Zn Cr TOC Geotech

STREAM CROSS-SECTION DIAGRAM	Project Number: 1850574.260120	**CS #:**	Page 2 of 2

Project: NEC 2001 Phase III RI **Client:** USAED

Date: **Sampler(s):**

Stream Name:

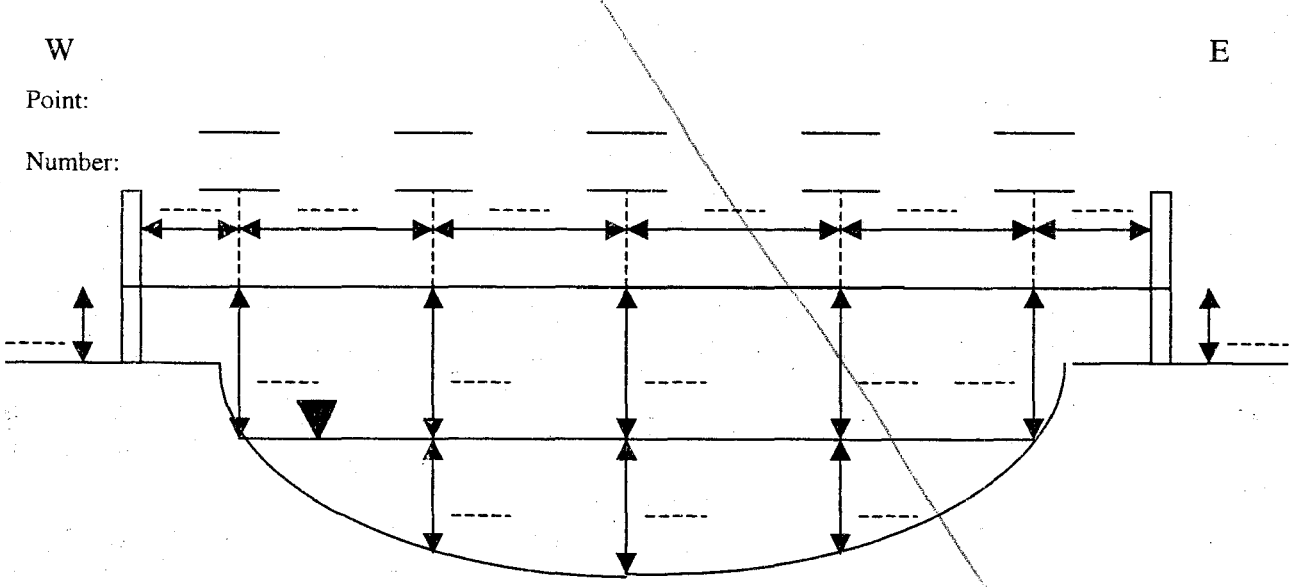
Appearance:

Survey/Measurement Equipment:

Site Sketch (Plan View):

N

Cross-Section Sketch:



Label sample points from west to east A, B, C, etc. The first sample at each point is 1, the next 2, etc.

Site 29

SURFACE WATER AND SEDIMENT SAMPLING FIELD NOTE FORM	Project Number: 1850574.260110	Sample Location: SD-126	Page 1 of 1

Project: NEC 2001 Phase III RI	**Client:** USAED - Alaska
Date: 8-21-01	**Sampler(s):** M Markell, D Quist

SURFACE WATER SAMPLE INFORMATION

Stream Name: Sugi River	**Depth:** ≈ 1.5 ft	**Width:** ≈ 6 ft
Appearance: clear, no sheen or odor		
Cross-Section Number/Location (if applicable):		
Collection method: Disposable Teflon dipper	**Temp. ° C:**	**Cond. (umhos/cm):**
	pH:	**CS Collection Point:**
Sheen: none slight moderate abundant	**Odor:** none slight moderate strong	

Time:	**Depth:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd

Laboratory Tests: DRO RRO GRO BTEX VOC SVOC PAH PCB TAL metals

SEDIMENT SAMPLE INFORMATION

Collection method: hand auger core

Cross-Section Number/Location (if applicable): —

Time: 1800	**Depth:** 6"	**Point:** na	**Sample ID:** Ø1NE 2 9 S D 1 2 6	(prime) dup trip split ms/msd
Time: 1800	**Depth:** 6"	**Point:** na	**Sample ID:** Ø1NE 2 9 S D 4 2 6	prime dup trip (split) ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd

Laboratory Tests: (DRO RRO GRO BTEX) ~~VOC~~ (PAH PCB) ~~Pesticides~~ (TAL metals) ~~Pb Zn Cr TOC Geotech~~

STREAM CROSS-SECTION DIAGRAM	Project Number: 1850574.260120	**CS #:**	Page 2 of 2

Project: NEC 2001 Phase III RI | **Client:** USAED

Date: | **Sampler(s):**

Stream Name:

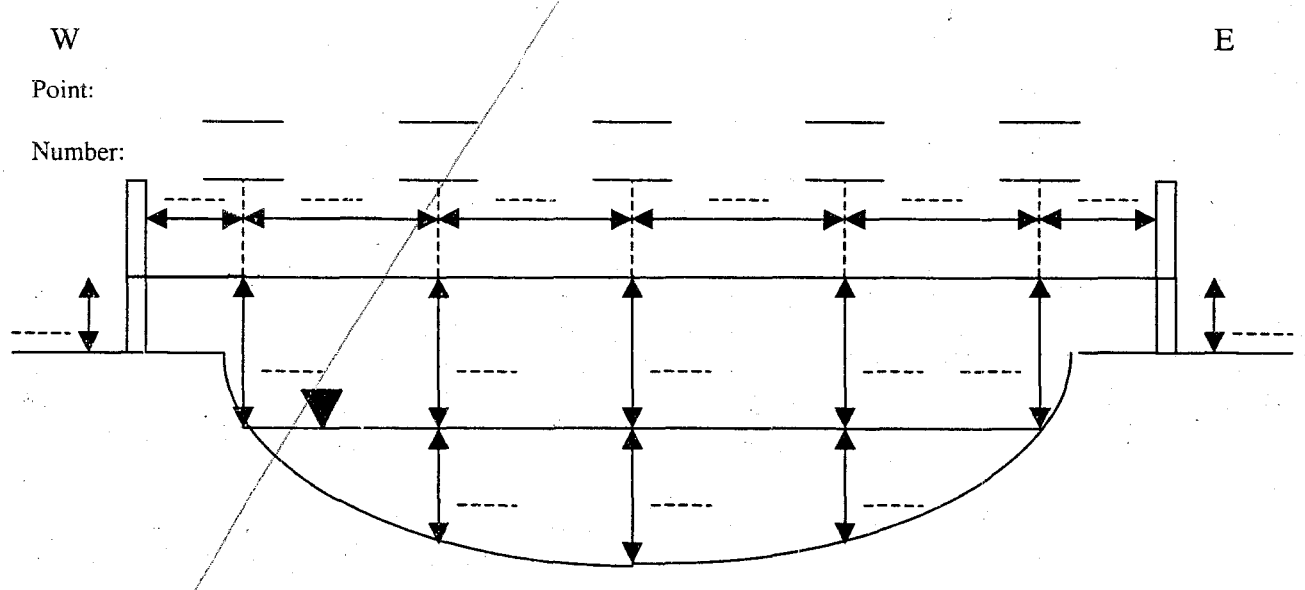
Appearance:

Survey/Measurement Equipment:

Site Sketch (Plan View):

N

Cross-Section Sketch:



Label sample points from west to east A, B, C, etc. The first sample at each point is 1, the next 2, etc.

Site 29

SURFACE WATER AND SEDIMENT SAMPLING FIELD NOTE FORM	Project Number: 1850574.260110	Sample Location: SD 127	Page 1 of 1
Project: NEC 2001 Phase III RI	**Client:** USAED - Alaska		
Date: 8-21-01	**Sampler(s):** M Markell, D Quist		

SURFACE WATER SAMPLE INFORMATION

Stream Name: Sugi River	**Depth:** ≈ 1.5 ft	**Width:** ≈ 12 ft	
Appearance: clear, with eddy, vegetation (sample taken in eddy)			
Cross-Section Number/Location (if applicable):			
Collection method: Disposable Teflon dipper	**Temp. ° C:**	**Cond. (umhos/cm):**	
	pH:	**CS Collection Point:**	
Sheen: none slight moderate abundant		**Odor:** none slight moderate strong	
Time:	**Depth:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
Laboratory Tests: DRO RRO GRO BTEX VOC SVOC PAH PCB TAL metals			

SEDIMENT SAMPLE INFORMATION

Collection method: hand auger core

Cross-Section Number/Location (if applicable): —

Time	Depth	Point	Sample ID	Type
Time: 1740	**Depth:** 6"	**Point:** na	**Sample ID:** Ø1NE 2 9 S D 1 2 7	(prime) dup trip split ms/msd
Time: 1740	**Depth:** 6"	**Point:** na	**Sample ID:** Ø1NE 2 9 S D 4 2 7	prime dup trip (split) ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd

Laboratory Tests: (DRO RRO GRO BTEX) ~~VOC~~ (PAH PCB) ~~Pesticides~~ (TAL metals) ~~Pb Zn Cr TOC Geotech~~

STREAM CROSS-SECTION DIAGRAM	Project Number: 1850574.260120	**CS #:**	Page 2 of 2

Project: NEC 2001 Phase III RI | **Client:** USAED

Date: | **Sampler(s):**

Stream Name:

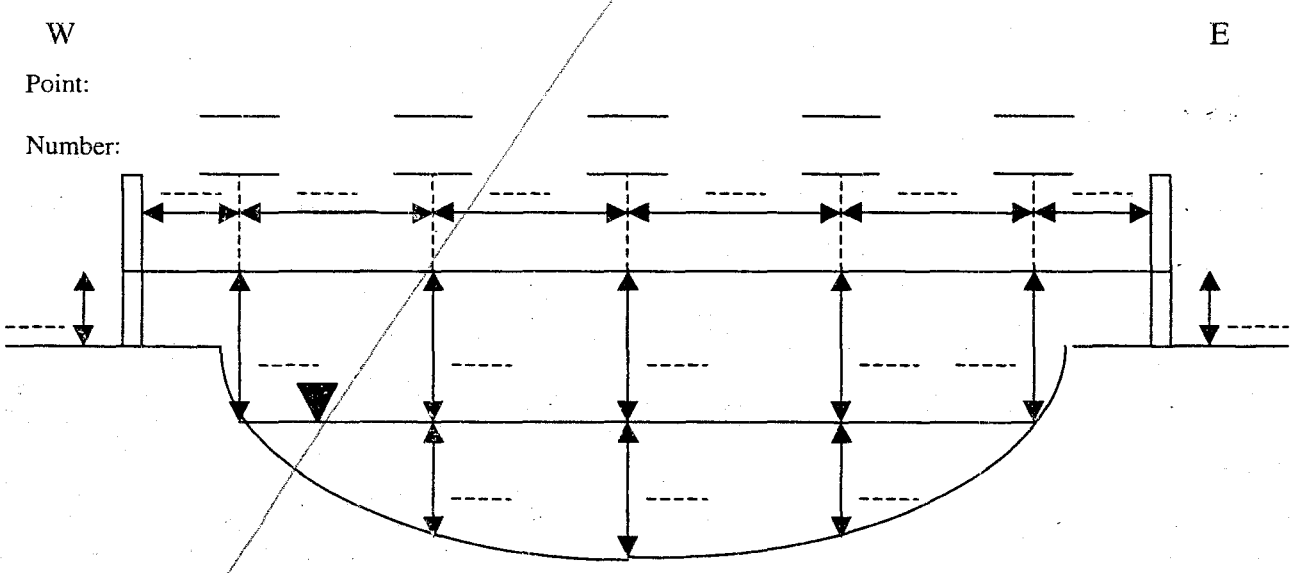
Appearance:

Survey/Measurement Equipment:

Site Sketch (Plan View):

N

Cross-Section Sketch:



Label sample points from west to east A, B, C, etc. The first sample at each point is 1, the next 2, etc.

SURFACE WATER AND SEDIMENT SAMPLING FIELD NOTE FORM	Project Number: 1850574.260110	Sample Location: Site 29	Page 1 of 1
Project: NEC 2001 Phase III RI	**Client:** USAED - Alaska		
Date: 8-21-01	**Sampler(s):** J. Dreher, D. Quist		

SURFACE WATER SAMPLE INFORMATION

Stream Name: Sagi River	**Depth:** ft	**Width:** ft
Appearance: Clear - no sheen or odor		
~~**Cross-Section Number/Location (if applicable):**~~		
~~**Collection method:**~~ Disposable Teflon dipper	**Temp. ° C:**	**Cond. (umhos/cm):**
	~~**pH:**~~	**CS Collection Point:**
Sheen: none slight moderate abundant	**Odor:** none slight moderate strong	

Time:	**Depth:**	**Sample ID:** Ø1NE _____ prime dup trip split ms/msd
Time:	**Depth:**	**Sample ID:** Ø1NE _____ prime dup trip split ms/msd
Time:	**Depth:**	**Sample ID:** Ø1NE _____ prime dup trip split ms/msd

Laboratory Tests: DRO RRO GRO BTEX VOC SVOC PAH PCB TAL metals

SEDIMENT SAMPLE INFORMATION

Collection method: hand auger core

~~**Cross-Section Number/Location (if applicable):**~~

Time:	Depth:	Point:	Sample ID: Ø1NE
1025	1.7'	—	29SD128 (prime) dup trip split ms/msd
1045	1.7'	—	29SD129 (prime) dup trip split ms/msd
			prime dup trip split ms/msd
			prime dup trip split ms/msd
			prime dup trip split ms/msd
			prime dup trip split ms/msd
			prime dup trip split ms/msd
			prime dup trip split ms/msd
			prime dup trip split ms/msd
			prime dup trip split ms/msd
			prime dup trip split ms/msd
			prime dup trip split ms/msd
			prime dup trip split ms/msd
			prime dup trip split ms/msd
			prime dup trip split ms/msd

Laboratory Tests: (DRO) (RRO) (GRO) (BTEX) VOC (PAH) (PCB) Pesticides (TAL metals) Pb Zn Cr TOC Geotech

STREAM CROSS-SECTION DIAGRAM	Project Number: 1850574.260120	**CS #:**	Page 2 of 2

Project: NEC 2001 Phase III RI | **Client:** USAED

Date: | **Sampler(s):**

Stream Name:

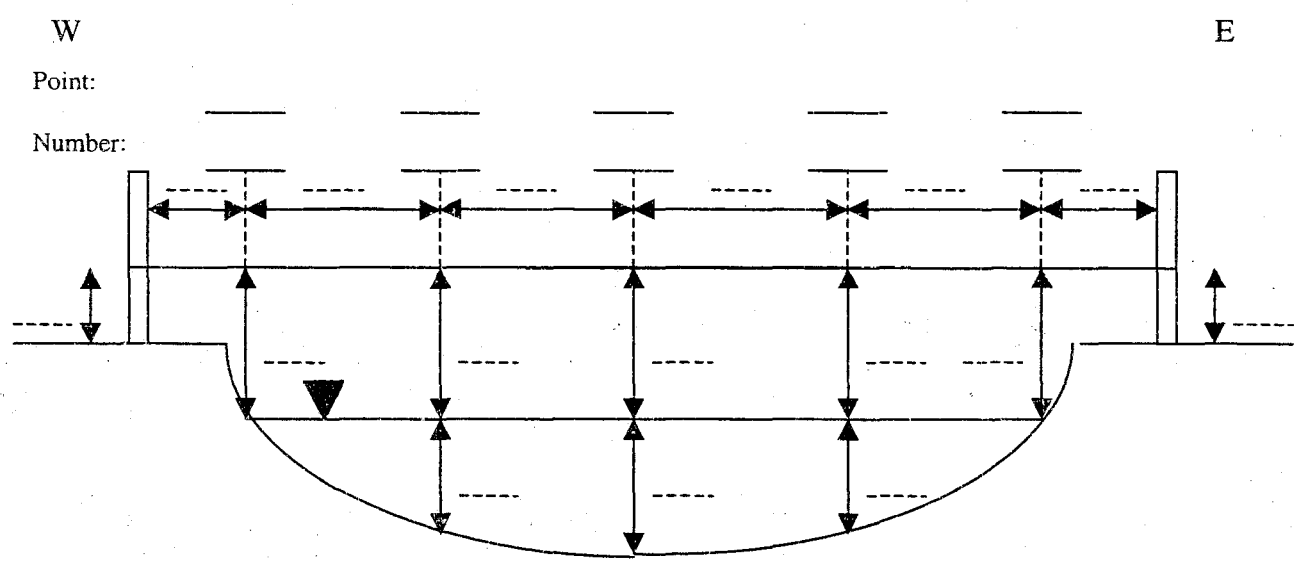
Appearance:

Survey/Measurement Equipment:

Site Sketch (Plan View):

N

Cross-Section Sketch:



Label sample points from west to east A, B, C, etc. The first sample at each point is 1, the next 2, etc.

SURFACE WATER AND SEDIMENT SAMPLING FIELD NOTE FORM	Project Number: 1850574.260110	Sample Location: 30SD101	Page 1 of
Project: NEC 2001 Phase III RI	**Client:** USAED - Alaska		
Date: 8-24-01	**Sampler(s):** Doug Quist		

SURFACE WATER SAMPLE INFORMATION

Stream Name:	**Depth:** ft	**Width:** ft	
Appearance:			
Cross-Section Number/Location (if applicable):			
Collection method: Disposable Teflon dipper	**Temp. ° C:**	**Cond. (umhos/cm):**	
	pH:	**CS Collection Point:**	
Sheen: none slight moderate abundant		**Odor:** none slight moderate strong	
Time:	**Depth:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
Laboratory Tests: DRO RRO GRO BTEX VOC SVOC PAH PCB TAL metals			

SEDIMENT SAMPLE INFORMATION

Collection method: SS spoon

Cross-Section Number/Location (if applicable):

Time: 1040	**Depth:** surface	**Point:**	**Sample ID:** Ø1NE 3 0 S D 1 0 1	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd
Time:	**Depth:**	**Point:**	**Sample ID:** Ø1NE __ __ __ __ __ __ __	prime dup trip split ms/msd

Laboratory Tests: DRO RRO GRO BTEX VOC PAH PCB Pesticides TAL metals Pb Zn Cr TOC Geotech

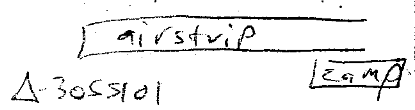
SOIL SAMPLING FIELD NOTE FORM	Project Number: 1850574.260120	Sample Location: 30SS101

Project: Northeast Cape 2001 Phase III RI

Site: 30- Background

Client: United States Army Engineer District – Alaska

MAP



FIELD INFORMATION

Date: 8-24-01 | **Sampler(s):** O'Connell

Sampling Equipment: SS spoon

SAMPLE INFORMATION

Time: 1725 **Depth Interval:** 0"-6" ft **PID:** ppm
Sample ID: Ø1NE30SS101 (primary, circled) duplicate triplicate ms/msd

Time: **Depth Interval:** ft **PID:** ppm
Sample ID: Ø1NE_ _ _ _ _ _ _ primary duplicate triplicate ms/msd

Time: **Depth Interval:** ft **PID:** ppm
Sample ID: Ø1NE_ _ _ _ _ _ _ primary duplicate triplicate ms/msd

Time: **Depth Interval:** ft **PID:** ppm
Sample ID: Ø1NE_ _ _ _ _ _ _ primary duplicate triplicate ms/msd

Time: **Depth Interval:** ft **PID:** ppm
Sample ID: Ø1NE_ _ _ _ _ _ _ primary duplicate triplicate ms/msd

Time: **Depth Interval:** ft **PID:** ppm
Sample ID: Ø1NE_ _ _ _ _ _ _ primary duplicate triplicate ms/msd

Time: **Depth Interval:** ft **PID:** ppm
Sample ID: Ø1NE_ _ _ _ _ _ _ primary duplicate triplicate ms/msd

Time: **Depth Interval:** ft **PID:** ppm
Sample ID: Ø1NE_ _ _ _ _ _ _ primary duplicate triplicate ms/msd

Time: **Depth Interval:** ft **PID:** ppm
Sample ID: Ø1NE_ _ _ _ _ _ _ primary duplicate triplicate ms/msd

Analyses: DRO (circled) RRO (circled) GRO BTEX VOC PAH (circled) PCB Pest. TALmetal (circled) Pb Zn Cr TOC Geotech

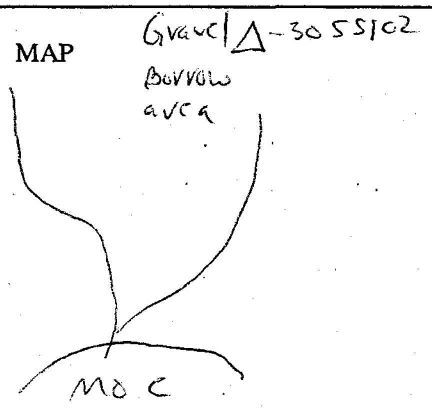
SOIL SAMPLING FIELD NOTE FORM	Project Number: 1850574.260120	Sample Location: 3055102

Project: Northeast Cape 2001 Phase III RI

Site: 30 Background

Client: United States Army Engineer District – Alaska

MAP



FIELD INFORMATION

Date: 8-24-01 | **Sampler(s):** Doug Quist

Sampling Equipment: SS Spoon

SAMPLE INFORMATION

Time: 1020 **Depth Interval:** 0-6" ft **PID:** ppm
Sample ID: Ø1NE3055102 (primary) duplicate triplicate ms/msd

Time: **Depth Interval:** ft **PID:** ppm
Sample ID: Ø1NE_ _ _ _ _ _ _ _ _ primary duplicate triplicate ms/msd

Time: **Depth Interval:** ft **PID:** ppm
Sample ID: Ø1NE_ _ _ _ _ _ _ _ _ primary duplicate triplicate ms/msd

Time: **Depth Interval:** ft **PID:** ppm
Sample ID: Ø1NE_ _ _ _ _ _ _ _ _ primary duplicate triplicate ms/msd

Time: **Depth Interval:** ft **PID:** ppm
Sample ID: Ø1NE_ _ _ _ _ _ _ _ _ primary duplicate triplicate ms/msd

Time: **Depth Interval:** ft **PID:** ppm
Sample ID: Ø1NE_ _ _ _ _ _ _ _ _ primary duplicate triplicate ms/msd

Time: **Depth Interval:** ft **PID:** ppm
Sample ID: Ø1NE_ _ _ _ _ _ _ _ _ primary duplicate triplicate ms/msd

Time: **Depth Interval:** ft **PID:** ppm
Sample ID: Ø1NE_ _ _ _ _ _ _ _ _ primary duplicate triplicate ms/msd

Time: **Depth Interval:** ft **PID:** ppm
Sample ID: Ø1NE_ _ _ _ _ _ _ _ _ primary duplicate triplicate ms/msd

Analyses: (DRO) (RRO) GRO BTEX VOC (PAH) PCB Pest (TALmetal) Pb Zn Cr TOC Geotech

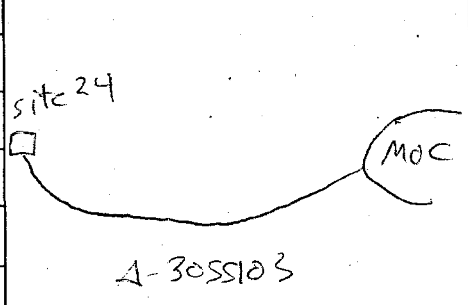
SOIL SAMPLING FIELD NOTE FORM	Project Number: 1850574.260120	Sample Location: 3055103

Project: Northeast Cape 2001 Phase III RI

Site: 30 - Background

Client: United States Army Engineer District – Alaska

MAP



FIELD INFORMATION

Date: 8-24-01 | **Sampler(s):** Doug Quist

Sampling Equipment: SS Spoon

SAMPLE INFORMATION

Time: 1000	**Depth Interval:** 0-6" ft	**PID:**	ppm
Sample ID: Ø1NE3055103	primary (circled) duplicate triplicate ms/msd		
Time:	**Depth Interval:** ft	**PID:**	ppm
Sample ID: Ø1NE_ _ _ _ _ _ _	primary duplicate triplicate ms/msd		
Time:	**Depth Interval:** ft	**PID:**	ppm
Sample ID: Ø1NE_ _ _ _ _ _ _	primary duplicate triplicate ms/msd		
Time:	**Depth Interval:** ft	**PID:**	ppm
Sample ID: Ø1NE_ _ _ _ _ _ _	primary duplicate triplicate ms/msd		
Time:	**Depth Interval:** ft	**PID:**	ppm
Sample ID: Ø1NE_ _ _ _ _ _ _	primary duplicate triplicate ms/msd		
Time:	**Depth Interval:** ft	**PID:**	ppm
Sample ID: Ø1NE_ _ _ _ _ _ _	primary duplicate triplicate ms/msd		
Time:	**Depth Interval:** ft	**PID:**	ppm
Sample ID: Ø1NE_ _ _ _ _ _ _	primary duplicate triplicate ms/msd		
Time:	**Depth Interval:** ft	**PID:**	ppm
Sample ID: Ø1NE_ _ _ _ _ _ _	primary duplicate triplicate ms/msd		
Time:	**Depth Interval:** ft	**PID:**	ppm
Sample ID: Ø1NE_ _ _ _ _ _ _	primary duplicate triplicate ms/msd		

Analyses: DRO RRO GRO BTEX VOC PAH PCB Pest. TALmetal Pb Zn Cr TOC Geotech

GROUNDWATER SAMPLING FIELD NOTE FORM

Project Number:	Well ID:
1850574.260120	30WP101

Project: NEC 2001 Phase III RI | **Client:** USAED

Date: 8-25-01 | **Time:** 1600 | **Sampler(s):** O'Connell

Well type: Monitoring Well (Well Point) Other:

Well condition: Good

Protective casing height (ft ags): NA	**Minimum purge volume calculation:**
PVC casing height (ft ags): NA	One well volume (gal) = $0.163A(B/2)^2 = C$
Well depth below top of PVC (ft): 3.10	Minimum purge volume = C x 3
Water level below top of PVC (ft): 1.28	**Calculation:** NA
Water column height (ft): 1.82 = A	
PVC casing ID (in): = B	
Purging Method/Equipment:	

Sheen: (none) slight moderate abundant

Odor: (none) slight moderate strong

Gallons	Time	Temperature °C	pH pH units	Conductivity umhos/cm	Comments
	1420	3.5	6.7	85	

Time: 1600 **Sample ID:** Ø1NE 30WP101 (primary) dup triplicate ms/msd

Time: **Sample ID:** Ø1NE _____ primary dup triplicate ms/msd

Time: **Sample ID:** Ø1NE _____ primary dup triplicate ms/msd

Field Tests:	Turbidity NTU	Nitrate mg/L	Ferrous Iron mg/L	ORP mV	Dissolved Oxygen mg/L
Time:					
Time:					
Time:					

Laboratory Tests: (DRO) (RRO) (GRO) BTEX Alkalinity (Sulfate) Methane/Ethane/Ethene

(PAH, VOCs, Metals)

GROUNDWATER SAMPLING FIELD NOTE FORM	Project Number: 1850574.260120	Well ID: WP 30-2

Project: NEC 2001 Phase III RI | **Client:** USAED

Date: 8-28-01 | **Time:** 0930 | **Sampler(s):** Bill OConnell

Well type: Monitoring Well Well Point (Other: Pit 24" BGS)

Well condition:

Protective casing height (ft ags):	**Minimum purge volume calculation:**
PVC casing height (ft ags):	One well volume (gal) = $0.163A(B/2)^2 = C$
Well depth below top of PVC (ft):	Minimum purge volume = C x 3
Water level below top of PVC (ft):	**Calculation:**
Water column height (ft): = A	
PVC casing ID (in): = B	
Purging Method/Equipment: Disposable Dipper	

Sheen: (none) slight moderate abundant | **Odor:** (none) slight moderate strong

Gallons	Time	Temperature °C	pH pH units	Conductivity umhos/cm	Comments

Time: 0930 **Sample ID:** Ø1NE 30WP102 (primary) dup triplicate ms/msd

Time: **Sample ID:** Ø1NE _____ primary dup triplicate ms/msd

Time: **Sample ID:** Ø1NE _____ primary dup triplicate ms/msd

Field Tests:	Turbidity NTU	Nitrate mg/L	Ferrous Iron mg/L	ORP mV	Dissolved Oxygen mg/L
Time:					
Time:					
Time:					

Laboratory Tests: (DRO) (RRO) (GRO) (BTEX) (Alkalinity) (Sulfate) (Methane/Ethane/Ethene)

(OAH, VOCs)

SOIL SAMPLING FIELD NOTE FORM

Project Number:	Sample Location:
1850574.260120	Site 31

Project: Northeast Cape 2001 Phase III RI

Site: 31 - WACS

Client: United States Army Engineer District – Alaska

MAP

FIELD INFORMATION

Date: 8-23-01 **Sampler(s):** Doug Quist

Sampling Equipment: SS Spoon

SAMPLE INFORMATION

Time: 1900 **Depth Interval:** 0-6" ft **PID:** ppm
Sample ID: Ø1NE 3 1 S S 1 0 1 (primary) duplicate triplicate (ms/msd)

Time: 1905 **Depth Interval:** 0-6" ft **PID:** ppm
Sample ID: Ø1NE 3 1 S S 1 0 2 (primary) duplicate triplicate ms/msd

Time: 1915 **Depth Interval:** 0-6" ft **PID:** ppm
Sample ID: Ø1NE 3 1 S S 2 0 2 primary (duplicate) triplicate ms/msd

Time: 1920 **Depth Interval:** 0-6" ft **PID:** ppm
Sample ID: Ø1NE 3 1 S S 1 0 3 (primary) duplicate triplicate ms/msd

Time: 1925 **Depth Interval:** 0-6" ft **PID:** ppm
Sample ID: Ø1NE 3 1 S S 1 0 4 (primary) duplicate triplicate ms/msd

Time: 1500 **Depth Interval:** 0-6" ft **PID:** ppm
Sample ID: Ø1NE 3 1 S S 1 0 5 (primary) duplicate triplicate ms/msd

Time: 1503 **Depth Interval:** 0-6" ft **PID:** ppm
Sample ID: Ø1NE 3 1 S S 2 0 5 primary (duplicate) triplicate ms/msd

Time: 1505 **Depth Interval:** 0-6" ft **PID:** ppm
Sample ID: Ø1NE 3 1 S S 1 0 6 primary duplicate triplicate ms/msd

Time: **Depth Interval:** ft **PID:** ppm
Sample ID: Ø1NE _____ primary duplicate triplicate ms/msd

Analyses: (DRO) (RRO) GRO BTEX VOC PAH (PCB) (Pest.) TALmetal Pb Zn Cr TOC Geotech

SOIL SAMPLING FIELD NOTE FORM	Project Number: 1850574.260120	Sample Location: Site 31

Project: Northeast Cape 2001 Phase III RI

Site: 31 - WACS

Client: United States Army Engineer District – Alaska

MAP

FIELD INFORMATION

Date: 8-23-01 **Sampler(s):** Doug Quist

Sampling Equipment: SS Spoon

SAMPLE INFORMATION

Time: 1510 **Depth Interval:** 0-6" ft **PID:** ppm
Sample ID: Ø1NE 3 1 5 5 1 0 7 (primary) duplicate triplicate ms/msd

Time: 1515 **Depth Interval:** 0-6" ft **PID:** ppm
Sample ID: Ø1NE 3 1 5 5 1 0 8 (primary) duplicate triplicate ms/msd

Time: 1520 **Depth Interval:** 0-6" ft **PID:** ppm
Sample ID: Ø1NE 3 1 5 5 1 0 9 (primary) duplicate triplicate ms/msd

Time: 1525 **Depth Interval:** 0-6" ft **PID:** ppm
Sample ID: Ø1NE 3 1 5 5 1 1 0 (primary) duplicate triplicate ms/msd

Time: 1530 **Depth Interval:** 0-6" ft **PID:** ppm
Sample ID: Ø1NE 3 1 5 5 1 1 1 (primary) duplicate triplicate ms/msd

Time: 1535 **Depth Interval:** 0-6" ft **PID:** ppm
Sample ID: Ø1NE 3 1 5 5 1 1 2 (primary) duplicate triplicate ms/msd

Time: 1540 **Depth Interval:** 0-6" ft **PID:** ppm
Sample ID: Ø1NE 3 1 5 5 1 1 3 (primary) duplicate triplicate ms/msd

Time: 1545 **Depth Interval:** 0-6" ft **PID:** ppm
Sample ID: Ø1NE 3 1 5 5 1 1 4 (primary) duplicate triplicate ms/msd

Time: **Depth Interval:** ft **PID:** ppm
Sample ID: Ø1NE _____ primary duplicate triplicate ms/msd

Analyses: (DRO) (RRO) GRO BTEX VOC PAH PCB Pest. TALmetal Pb Zn Cr TOC Geotech

SOIL SAMPLING FIELD NOTE FORM	Project Number: 1850574.260120	Sample Location: Site 31

Project: Northeast Cape 2001 Phase III RI

Site: 31-WACS

Client: United States Army Engineer District – Alaska

MAP

FIELD INFORMATION

Date: 8-23-01 **Sampler(s):** Doug Quist

Sampling Equipment: SS Spoon

SAMPLE INFORMATION

Time: 1550	**Depth Interval:** 0-6"				ft **PID:**	ppm
Sample ID: Ø1NE 31551 15	(primary)	duplicate	triplicate	ms/msd		
Time: 1555	**Depth Interval:** 0-6"				ft **PID:**	ppm
Sample ID: Ø1NE 31551 16	(primary)	duplicate	triplicate	ms/msd		
Time: 1600	**Depth Interval:** 0-6"				ft **PID:**	ppm
Sample ID: Ø1NE 31551 17	(primary)	duplicate	triplicate	ms/msd		
Time: 1605	**Depth Interval:** 0-6"				ft **PID:**	ppm
Sample ID: Ø1NE 31551 18	(primary)	duplicate	triplicate	ms/msd		
Time: 1610	**Depth Interval:** 0-6"				ft **PID:**	ppm
Sample ID: Ø1NE 31551 19	(primary)	duplicate	triplicate	ms/msd		
Time: 1615	**Depth Interval:** 0-6"				ft **PID:**	ppm
Sample ID: Ø1NE 31551 26	(primary)	duplicate	triplicate	ms/msd		
Time: 1620	**Depth Interval:** 0-6"				ft **PID:**	ppm
Sample ID: Ø1NE 31552 26	primary	(duplicate)	triplicate	ms/msd		
Time:	**Depth Interval:**				ft **PID:**	ppm
Sample ID: Ø1NE _____	primary	duplicate	triplicate	ms/msd		
Time:	**Depth Interval:**				ft **PID:**	ppm
Sample ID: Ø1NE _____	primary	duplicate	triplicate	ms/msd		

Analyses: DRO RRO GRO BTEX VOC PAH PCB Pest. TALmetal Pb Zn Cr TOC Geotech

SOIL SAMPLING FIELD NOTE FORM	Project Number: 1850574.260120	Sample Location: Site 31

Project: Northeast Cape 2001 Phase III RI

Site: 31-WACS

Client: United States Army Engineer District – Alaska

MAP

FIELD INFORMATION

Date: 8-24-01 **Sampler(s):** Quist

Sampling Equipment:

SAMPLE INFORMATION

Time: 2025 **Depth Interval:** 0-6" ft **PID:** ppm
Sample ID: Ø1NE 31 55121 (primary) duplicate triplicate ms/msd

Time: 2030 **Depth Interval:** 0-6" ft **PID:** ppm
Sample ID: Ø1NE 31 55221 primary (duplicate) triplicate ms/msd

Time: 2100 **Depth Interval:** 0-6" ft **PID:** ppm
Sample ID: Ø1NE 31 55122 (primary) duplicate triplicate ms/msd

Time: 2230 **Depth Interval:** 0-6" ft **PID:** ppm
Sample ID: Ø1NE 31 55123 (primary) duplicate triplicate ms/msd

Time: 2240 **Depth Interval:** 0-6" ft **PID:** ppm
Sample ID: Ø1NE 31 55124 (primary) duplicate triplicate ms/msd

Time: 2245 **Depth Interval:** 0-6" ft **PID:** ppm
Sample ID: Ø1NE 31 55125 (primary) duplicate triplicate ms/msd

Time: 2035 **Depth Interval:** 0-6" ft **PID:** ppm
Sample ID: Ø1NE 31 55321 primary duplicate (triplicate) ms/msd

Time: **Depth Interval:** ft **PID:** ppm
Sample ID: Ø1NE_____ primary duplicate triplicate ms/msd

Time: **Depth Interval:** ft **PID:** ppm
Sample ID: Ø1NE_____ primary duplicate triplicate ms/msd

Analyses: DRO RRO GRO BTEX VOC PAH PCB Pest. TALmetal Pb Zn Cr TOC Geotech

SOIL SAMPLING FIELD NOTE FORM	Project Number: 1850574.260120	Sample Location: Site 32

Project: Northeast Cape 2001 Phase III RI

Site: 32 - Lower Tram Terminal

Client: United States Army Engineer District – Alaska

MAP

FIELD INFORMATION

Date: 8-24-01 **Sampler(s):** Quist

Sampling Equipment: SS Spoon

SAMPLE INFORMATION

Time: 2000 **Depth Interval:** 0-6" ft **PID:** ppm
Sample ID: Ø1NE 3 2 5 5 1 0 1 (primary) duplicate triplicate ms/msd

Time: 2005 **Depth Interval:** 18-24" ft **PID:** ppm
Sample ID: Ø1NE 3 2 5 5 1 0 2 (primary) duplicate triplicate ms/msd

Time: 2010 **Depth Interval:** 0-6" ft **PID:** ppm
Sample ID: Ø1NE 3 2 5 5 1 0 3 (primary) duplicate triplicate ms/msd

Time: 2015 **Depth Interval:** 0-6" ft **PID:** ppm
Sample ID: Ø1NE 3 2 5 5 1 0 4 (primary) duplicate triplicate ms/msd

Time: 2020 **Depth Interval:** 0-6" ft **PID:** ppm
Sample ID: Ø1NE 3 2 5 5 1 0 5 (primary) duplicate triplicate ms/msd

Time: **Depth Interval:** ft **PID:** ppm
Sample ID: Ø1NE _____ primary duplicate triplicate ms/msd

Time: **Depth Interval:** ft **PID:** ppm
Sample ID: Ø1NE _____ primary duplicate triplicate ms/msd

Time: **Depth Interval:** ft **PID:** ppm
Sample ID: Ø1NE _____ primary duplicate triplicate ms/msd

Time: **Depth Interval:** ft **PID:** ppm
Sample ID: Ø1NE _____ primary duplicate triplicate ms/msd

Analyses: (DRO) (RRO) GRO BTEX VOC PAH (PCB) (Pest.) TALmetal Pb Zn Cr TOC Geotech

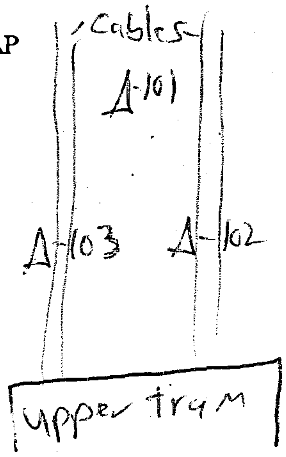
SOIL SAMPLING FIELD NOTE FORM	Project Number: 1850574.260120	Sample Location: Site 33

Project: Northeast Cape 2001 Phase III RI

Site: 33 upper tram terminal

Client: United States Army Engineer District – Alaska

MAP



FIELD INFORMATION

Date: 8-23-01	**Sampler(s):** Doug Quist
Sampling Equipment: SS spoon	

SAMPLE INFORMATION

Time: 0830	**Depth Interval:** 0-6" ft	**PID:** ppm	
Sample ID: Ø1NE 3 3 S S 1 0 1	(primary) circled	duplicate triplicate	ms/msd
Time: 0835	**Depth Interval:** 0-6" ft	**PID:** ppm	
Sample ID: Ø1NE 3 3 S S 1 0 2	(primary) circled	duplicate triplicate	ms/msd
Time: 0840	**Depth Interval:** 0-6" ft	**PID:** ppm	
Sample ID: Ø1NE 3 3 S S 1 0 3	(primary) circled	duplicate triplicate	ms/msd
Time:	**Depth Interval:** ft	**PID:** ppm	
Sample ID: Ø1NE_ _ _ _ _ _ _	primary	duplicate triplicate	ms/msd
Time:	**Depth Interval:** ft	**PID:** ppm	
Sample ID: Ø1NE_ _ _ _ _ _ _	primary	duplicate triplicate	ms/msd
Time:	**Depth Interval:** ft	**PID:** ppm	
Sample ID: Ø1NE_ _ _ _ _ _ _	primary	duplicate triplicate	ms/msd
Time:	**Depth Interval:** ft	**PID:** ppm	
Sample ID: Ø1NE_ _ _ _ _ _ _	primary	duplicate triplicate	ms/msd
Time:	**Depth Interval:** ft	**PID:** ppm	
Sample ID: Ø1NE_ _ _ _ _ _ _	primary	duplicate triplicate	ms/msd
Time:	**Depth Interval:** ft	**PID:** ppm	
Sample ID: Ø1NE_ _ _ _ _ _ _	primary	duplicate triplicate	ms/msd

Analyses: (DRO) (RRO) GRO BTEX VOC PAH (PCB) Pest. TALmetal Pb Zn Cr TOC Geotech

SOIL SAMPLING FIELD NOTE FORM	Project Number: 1850574.260120	Sample Location: Site 34

Project: Northeast Cape 2001 Phase III RI

Site: 34 - upper Camp

Client: United States Army Engineer District – Alaska

MAP

FIELD INFORMATION

Date: 8-23-01 **Sampler(s):** Quist/OConnell

Sampling Equipment: SS spoon

SAMPLE INFORMATION

Time: 1030 **Depth Interval:** 0-6" ft **PID:** ppm
Sample ID: Ø1NE345S101 (primary) duplicate triplicate ms/msd

Time: 1035 **Depth Interval:** 0-6" ft **PID:** ppm
Sample ID: Ø1NE345S102 (primary) duplicate triplicate ms/msd

Time: 1040 **Depth Interval:** 0-6" ft **PID:** ppm
Sample ID: Ø1NE345S103 (primary) duplicate triplicate ms/msd

Time: 1043 **Depth Interval:** 0-6" ft **PID:** ppm
Sample ID: Ø1NE345S104 (primary) duplicate triplicate ms/msd

Time: 1045 **Depth Interval:** 0-6" ft **PID:** ppm
Sample ID: Ø1NE345S105 (primary) duplicate triplicate ms/msd

Time: 1050 **Depth Interval:** 0-6" ft **PID:** ppm
Sample ID: Ø1NE345S106 (primary) duplicate triplicate ms/msd

Time: 1100 **Depth Interval:** 0-6" ft **PID:** ppm
Sample ID: Ø1NE345S107 (primary) duplicate triplicate ms/msd

Time: 1105 **Depth Interval:** 0-6" ft **PID:** ppm
Sample ID: Ø1NE345S108 (primary) duplicate triplicate ms/msd

Time: **Depth Interval:** ft **PID:** ppm
Sample ID: Ø1NE_____ primary duplicate triplicate ms/msd

Analyses: (DRO) RRO GRO BTEX VOC PAH PCB Pest. TALmetal Pb Zn Cr TOC Geotech

SOIL SAMPLING FIELD NOTE FORM	Project Number: 1850574.260120	Sample Location: Site34

Project: Northeast Cape 2001 Phase III RI

Site: 34 - Upper Camp

Client: United States Army Engineer District – Alaska

MAP

FIELD INFORMATION	
Date: 8-23-01	**Sampler(s):** Quist/O'Connell
Sampling Equipment: SS Spoon	

SAMPLE INFORMATION

Time: 1110	**Depth Interval:** 0-6" ft	**PID:** ppm	
Sample ID: Ø1NE34SS109	(primary) duplicate triplicate ms/msd		
Time: 1115	**Depth Interval:** 0-6" ft	**PID:** ppm	
Sample ID: Ø1NE34SS110	(primary) duplicate triplicate ms/msd		
Time: 1130	**Depth Interval:** 0-6" ft	**PID:** ppm	
Sample ID: Ø1NE34SS111	(primary) duplicate triplicate ms/msd		
Time:	**Depth Interval:** ft	**PID:** ppm	
Sample ID: Ø1NE_ _ _ _ _ _ _	primary duplicate triplicate ms/msd		
Time:	**Depth Interval:** ft	**PID:** ppm	
Sample ID: Ø1NE_ _ _ _ _ _ _	primary duplicate triplicate ms/msd		
Time:	**Depth Interval:** ft	**PID:** ppm	
Sample ID: Ø1NE_ _ _ _ _ _ _	primary duplicate triplicate ms/msd		
Time:	**Depth Interval:** ft	**PID:** ppm	
Sample ID: Ø1NE_ _ _ _ _ _ _	primary duplicate triplicate ms/msd		
Time:	**Depth Interval:** ft	**PID:** ppm	
Sample ID: Ø1NE_ _ _ _ _ _ _	primary duplicate triplicate ms/msd		
Time:	**Depth Interval:** ft	**PID:** ppm	
Sample ID: Ø1NE_ _ _ _ _ _ _	primary duplicate triplicate ms/msd		

Analyses: (DRO) (RRO) GRO BTEX VOC PAH PCB Pest. TALmetal Pb Zn Cr TOC Geotech

"Rite in the Rain®"
ALL-WEATHER WRITING PAPER

HORIZONTAL LINE

All-Weather Notebook
No. 391

NEC 2002 Fieldwork
1850574.260120

8-12-2002 → 8-19-02

4 5/8" x 7" - 48 Numbered Pages

Bonnie McLean

NEC 2002 Fieldwork
1850574.260120

Bgm Day 1

8-12-02

1900 At AIA
1720 leave Anch - late
2030 Arrive NOM
2130 P/U vehicles
2145 Ck in at apt

Bmg.

Left beacon

NEC 2002 Fieldwork
1850574.260120

Bgm 8-13-02
Day 2

0730 At Bering to p/u cargo
go to AK Cargo take to Bering

0900 leave NOM for NEC
1005 Arrive NEC & Bering on stand
Call Lyndon - provide weather, bg
- Clean dummy for NWD -
Eugene brings ATV & trlr & FTV
- Lyndon will not leave until
- 1 pm.
- Sort equipmt left in cool mob.
- Call Lyndon @ 1330 -
Plane not yet return from Am
trip will leave @ 1500
- Clean out debri in
Terminal Bldg
Tailgate Safety mtg completed
- go to main site to
mark MW locations of MW & SB's.
Bld 109 & 108 filled with
debris Was going to use
these are only ones
NOT use others Bg

NEC 2002 Fieldwork 8-13-02
1850574.260120 BGM (cont.)

Site 22 - Nugget has left large debris piles. Just former water tank Bldg & gym
Access limited for drilling the two SB - North of water tank Bldg.
Very Very Dry; Cow flow @ stream at site.

S. of Gen Bldg - former rec center. Cut surface & debris restricts access; must move to W. side of covered manwalk for MW location.

MW 19-1 ▽ 19.2 bgs
MW 19-2 Dry @ 19.5 bgs

1600 Call Lyndon - still loading will leave at 1630 from ANC plan on ARRIVAL NEC @ 1930 BGM

NEC 2002 Fieldwork 8-13-02
1850574.260120 BGM

Prepare dinner - limited to cold canned soup

1720 Lyndon arrives NEC
Baring leaves
Lendrod Here

- 1830 Here leaves NEC
- Sort equipment; put up tent in garage
line wall in trimmed
Clean out debris
End 2300.
Ponds dry at Site 7, 6 & 3
Stay at Eugene cabin.
No rain areas dry around camp

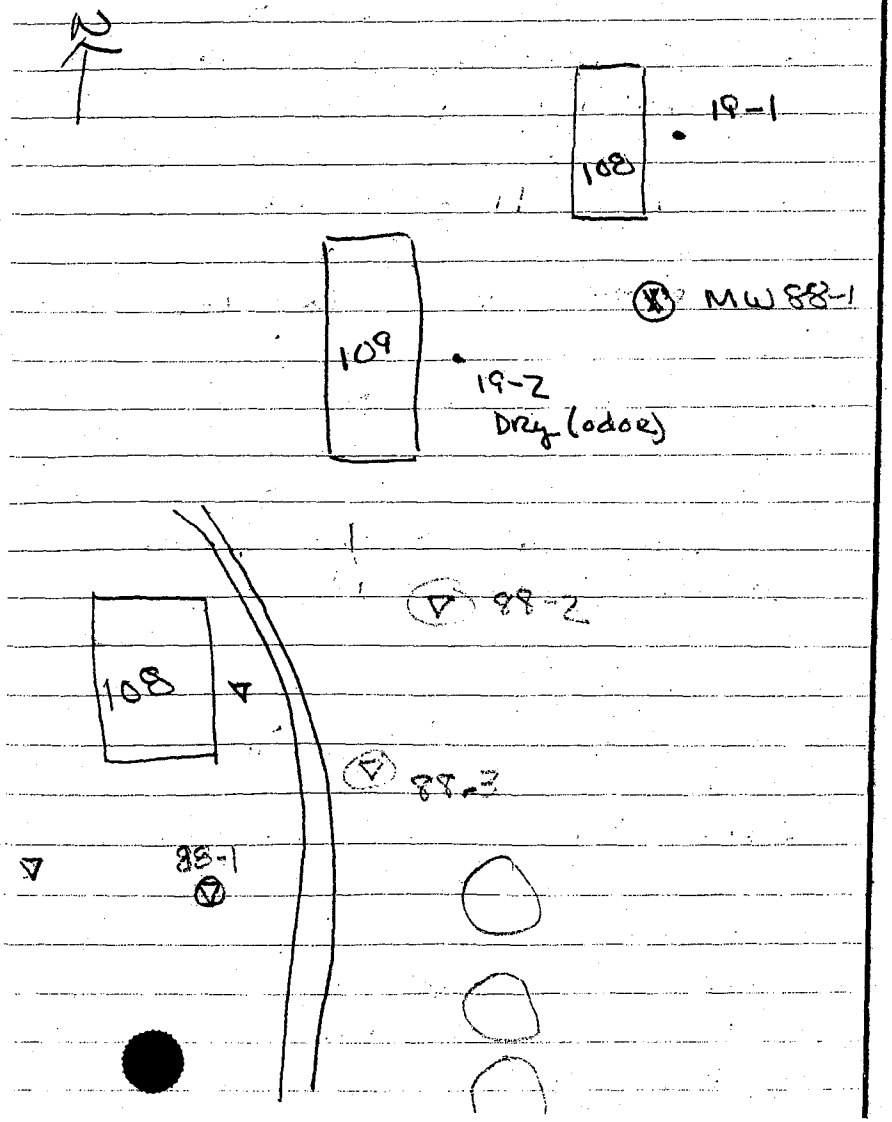
BGM

NEC 2002 Fieldwork
1850574.260120 8-14-02

Discovery doesn't have drill bit should arrive on AK Am flight
Boring to bring out.
Prepare to sample
Cldy. - WINDY
1130 - Floyd arrives, bear watch for Doug to complete flow measurements. Safety Mtg. Complete
1135 Boring air arrives with drill bits will stand by until 1900 to take us back to Nome this pm
STAND by should be Discovery

Move to Alt 88-1 S. of Bldg 108
Down gradient Bldg 109
Meas 19-2 had POR odors on mud from water level meter.
No water/product flow measured. Ba

NEC 2002 Fieldwork
1850574.260120 8-14-02



NEC 2002 Fieldwork BGM
1850574.260120 8-14-02

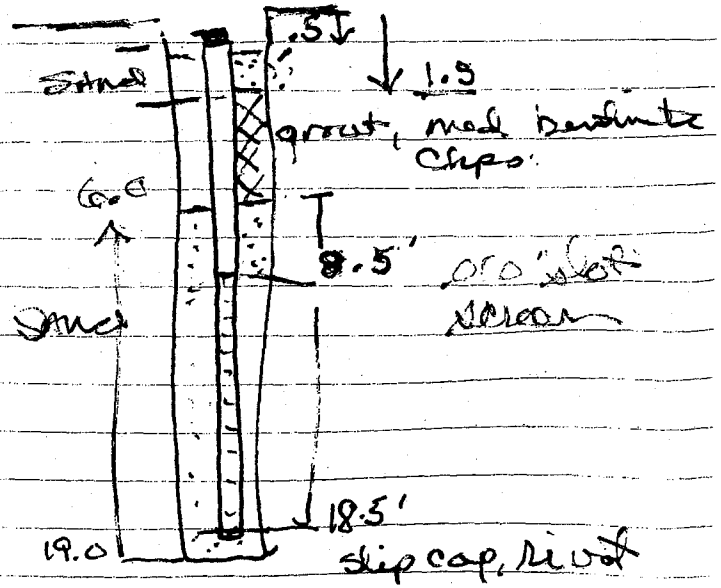
Sita 11 – Fuel Tank
Water Level measurements
MW 11-3 11.2 bgs
NOW Former
MW 11-2 – Has been distroyed; steel casing bent; PVC broken and on ground.
Very low pinched shallow (water)
Doug sighted an identifiable (sampling?) device in drainage basin near bridge
Called Huss left message concerning sampler
Eugene Ly – asked if we know Nugget is going to remove bridge when they leave for the last time then put in poles to support it and will remove then when done.
This could be an issue for mo[illegible] drill rig Dock to Step
2004

NEC 2002 Fieldwork BGM
1850574.260120 8-14-02

HW 88-1
1430 (0-2.5') dry Fill Material, crushed rock w/ light brown Interface
PID = 1.0
1445 (2.5-5') dry, No ch., no odor no staining
PID = 1.0
1450 (5-7.0' sand w/ rock, no broken rock augered no odor, no staining
PID = 1.2
1500 (7.5-10.0) No retrieval, Q, broken rock in sampler, no odor
1502 (10-12.5) No retrieval, No odor, PID 1.2
1515 (12.5-15.0) No retrieval PID N/A
1530 (15-17.5) grey brown sand w/ crushed rock, moist PID = 2.4
PID odor, no staining, moist,
LAB ID 02-NE-88-SB-001
1600 (18-20) No change PID 98.7
Relation, Nostaining
LAB 02 NE 88 SB 002
Dk. Brown gray, R.h, Moist
SATURATED

NEC 2002 Fieldwork
1850574.260120 8-14-02
Bgm

MW
88-1 (cont.)
Drill total 20.5'
2" PVC, 10' screen 10.5 - 20.0
Completed 2" PVC, flush mount; sand heave bottom @ 18.5'
10' screen .010 slot, sch 40
10' Sch. 40, Blank.



Bgm

NEC 2002 Fieldwork
1850574.260120 8-14-02
Bgm

Move & setup on MW 88-2
E of road @ Bldg. 108.

1620 — 0 — Fill, broken rock w/ sand
PID. = 0 (0-2) — 2. — no odor

1630 ① (2-4.5) dark brown broken angular rock with sand — 5.0 — PID = 19.0
6.5 — no odor

1645 ② (5-7.5) no change — 8 — PID = 29.8

1645 ③ 10. (7.5-10.) No odor — PID = 30.9

LAB 02 NE 88 SB03

1700 — PID = 13.8
(10-12.5) little recovery, broken rock — LAB 02 NE 88 SB04

1710 (12.5-14.5) No recovery, orange saturated @ 14.5' — PID = N/A — broken rock w/ sand

Complete MW 88-2 @ 18.00' bgs

Bgm

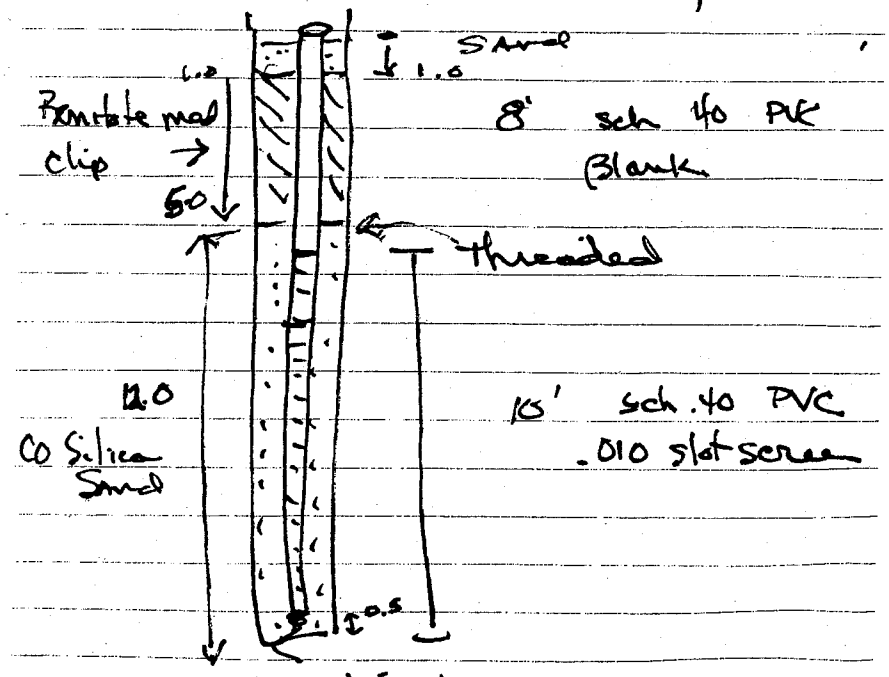
NEC 2002 Fieldwork
1850574.260120

8-14-02

MW 88-2

Hand to auger w/ rock.

D_T 18.0



Bill & I complete levels.

Leave for home Boring cir @ 1930. by NAJ.

Doug prepares soil samples

Bgm

8-15-02

0800 at Boring cir. (Bill, Johanna, Doug)

0810 leave home (NAJ)

0830 arrive NEC

Prepare for MW 88-3

Doug to develop MW 88-1 & 88-2

1100 Complete Safety Meeting

Move to MW 88-3

Set up

Bill to complete SB log.

Very hard drill in broken rock field.

Many samples with no recover (rocks in front) push forward.

1230 Rig drill rod breaks

NO injuries

Call Discovery to ship

Doug trying to develop MW 88-1 & 2. No recharge

Complete PID on samples from MW 88-3.

Call Boring to send plane Bgm

NEC 2002 Fieldwork
1850574.260120

8-15-02
Calibrated

MW 88-3 PID (ppm) #1
① 4-6' 67.7 (LAB)
② 8-10' 42.4 (6-8' No recovery)
10-12 No recovery
12-14 44.8 little recovery

Rig Down.
8-16-02 New Post documents
8-17-02
④ 12-14', ⑤ 79.8 → LAB
⑥ 14-16' ⑤ 185

Dr 20
Calibrated PID miniRae 2000 - #1

LAB ID NO. MW88-3
RRO, DRO, GRO, Betx, PAH, TOC, metals
① (4-6') 02 NE 88 SB 005
@ 1155 on 8-15-02 (1)
② Comb. 12-16' (4+6)
02 NE 88 SB 0006
@ 1110 on 8-17-02

QA QC

NEC 2002 Fieldwork
1850574.260120

8-15-02
1500 B ... Jeff
1630 arrive home.

Decide to send Johanna back to ANC.
To return Sunday AM.

Will await parts to arrive.

3-16-02
0800 at Bering waiting for Gold Streak
0930 NOT on AM flight
1230 Back Bering
1330 Bill & I go get parts.
Ralph not actively looking parts.
1400 on taxi w/ Bering NAJ
1430 Still on taxi waiting
1540 arrive NEC
Complete Tailgate Safety Mtg
1600 Ralph back, new rod too short.
Call Kyle - wants to try using duct tape fill joint gap.
I decide this is not safe - compression & wear unknown
Call Bering airbeck Ralph left broken shaft in Nome to fix (weld.) Ron

NEC 2002 Fieldwork
1850574.260120

8-16-02
Call Bering ask them to contact Nome Machine Shop to leave Rod outside door of shop.
Bering Friday afternoon.
Call Kyle to follow up on same.

1800 arrive back Nom
1920 Ralph calls - weld shop closed - No Rod left

2030 Ralph calls tracked down welder. got rod.
Called Kyle - left message to call me

Bgm

8-17-02 NEC
0800 at Bering air
leave Nome 905 (NAJ)
arrive NEC 1000
1100 TAIgate Safety Mtg.
at MW 88-3 complete sampling

Sample 14'-16'
See Pg. 14 for PID
Readings ←

1230 Nugget arrives
Prepared Samples
for LAB (DRO/RRO, GRO, BTEX, PAH
Metals) ID NO.
(1) 4-6' 02NE88SB005
8-15 @ 1155
(4) & (5) composite for VOC.
primary 02NE88SB006
on 8-17 @ 1110
QA 02NE88SB306
on 8-17 @ 1110
QC 02NE88SB206
8-17 @ 1200

All parameters ... Rain

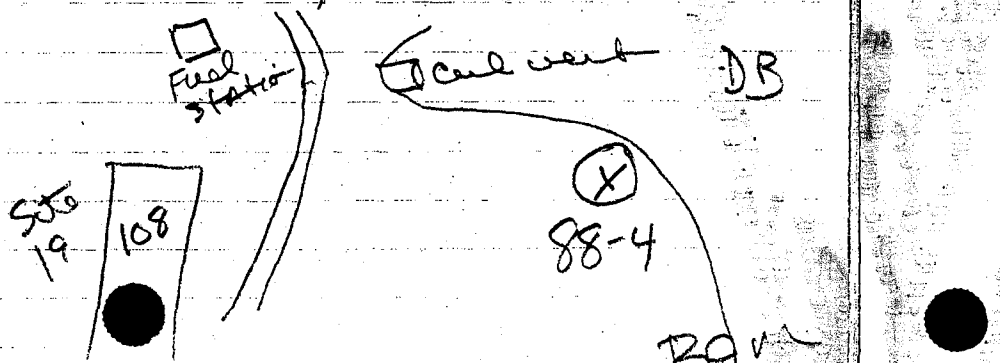
NEC 2002 Fieldwork
1850574.260120

Bgm 8-17-02

Calibrated Muri Rae No. 1 = 100 ppm
MW 88-4 PID Reading PPM

1300	(1)		236	
1315	(2)		248	
1320	(3)	*	284	
1330	(4)	*	440	▽ 13'
1340	(5)		424	SAT

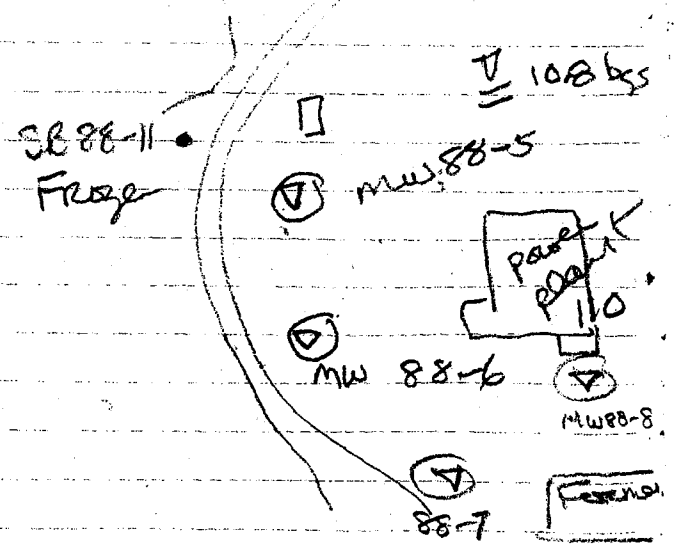
* LAB ID
@ 1320 02NE88SB007
on 8-17-02
@ 1330 02NE88SB008
sent for: DRO/RRO, GRO, BTEX, PAH
Metals, TOC ←



NEC 2002 Fieldwork BGN
1850574.260120 8-17-02

SB-88-11

This loc was to be a MW
it was frozen continuously
from ± 3' b.g.s to 15'.
See Bills log
Extreme pain & wood
Frag on ground



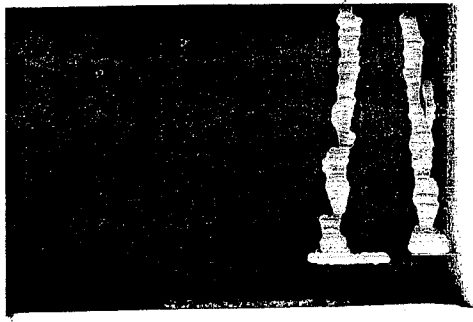
NEC 2002 Fieldwork
1850574.260120 8-17-02

Move to MW 88-5
See Bills log

Completed as 15' Dt MW
10' screen.

Completed Remarks on
split spoon after soil
sampling complete

Stayed @ cabin
weather awful.



NEC 2002 Fieldwork
1850574.260120 8-18-02

0800 Prepare for MW 88-6 sampling
Tail gate safety mtg Complete
Puddles to decon auger
Wind from N.
Nice & cool waiting barge.
Cold work, cloudy —
move to MW 88-6
See Bill's logs:
Sampling complete

Had to restart bor 3-times because of debris & rocks.
▽ = 11.00 completed to
D_T 15'.
Sampling complete

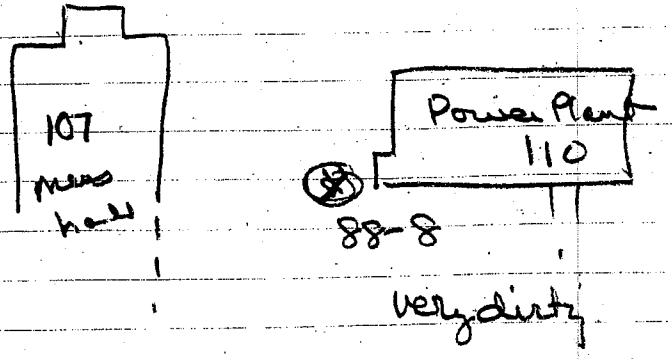
(7)

Power plant
110

NEC 2002 Fieldwork
1850574.260120 8-18-02

water levels	▽ bgs
MW 16-1	13.7'
MW 88-5	10.8'

Moved to MW 88-7
N. of former manhole
Bldg. 107 - loading dock
▽ = 10.2' (8) 88-7 D_T 15'

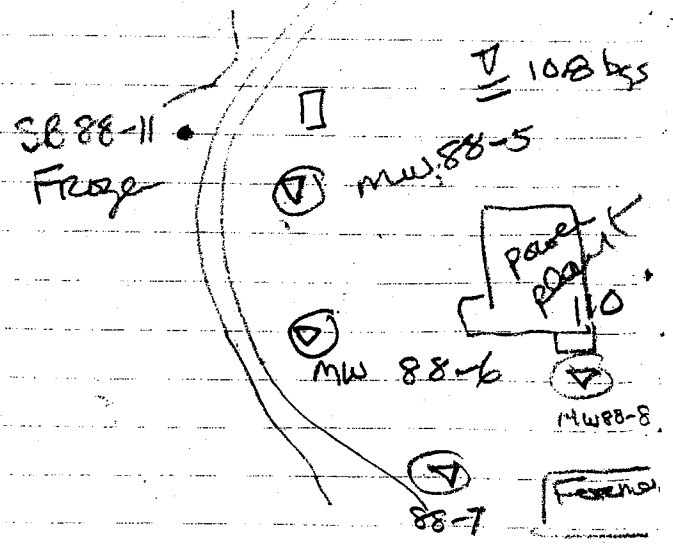


Boring in 1830 (NAJ)
Arrive home 1930
Prepared samples for lab
Shipment End 2300

NEC 2002 Fieldwork BJH
1850574.260120 8-17-02

SB-88-11

This loc was to be a MW
it was frozen continuously
from ± 3 bgs to 15'.
See Bills log
Extreme rain & wind
Fog on ground



NEC 2002 Fieldwork
1850574.260120 8-17-02

Move to MW 88-5
See Bills log

Completed as 15' DT MW
10' screen.

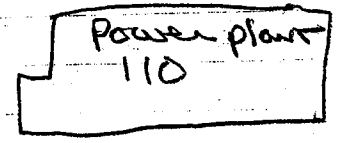
Completed Remarks on
split spoon after soil
sampling complete

stayed @ cabin
weather awful.

NEC 2002 Fieldwork
1850574.260120 8-18-02

0800 Prepare for MW 88-6 Sampling
Tail gate safety mtg Complete
Bullets to check auger
wind from N.
N. crane at waiting barge.
Cold windy, cldy —
move to MW 88-6
See Bills logs:
Sampling complete

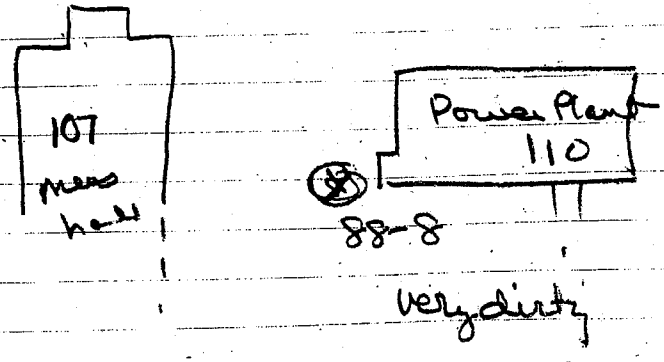
Had to restart bor 3-
times because of debris
rocks.
▽ = 11.00 completed to
D_T 15'.
Sampling complete



NEC 2002 Fieldwork
1850574.260120 8-19-02

water levels	▽ bgs
MW 16-1	13.7'
MW 88-5	10.8'

Moved to MW 88-7
N. of former mess hall
Bldg. 107 - loading dock
▽ = 10.21 ⊗ 88-7 D_T 15'



Boring in 1830 (NAI)
Arrive Home 1930
Prepared samples for lab
Shipping End 2300

NEC 2002 Fieldwork
1850574.260120 8-19-02

0730 Repack coolers (3) with ice
0810 P/u Johanna & Don Mallard
0900 at Barrow air
leave for NEC - Doug, Bill Johanna, Don, Robert & Greg

0920 Drop coolers at Gold Streak
0940 Called CAS flight manager 3 - coolers on flight 100 into Portland Tues 6AM

1100 Ck in AK
1245 leave Barrow
1400 arrive ANC
call to meet
FAX cooler air bill to CAS
at AK. Gold Streak
baggies to Doug.

NEC 2002 Fieldwork
1850574.260120 8-19-02

2030 Doug called, got ord's MW88-9 & 10 added start drilling until 1330.
Broken ring post will have to have welded
Told him to see Sandi about Hose for welding shop

Johanna to come home THURS.

Mike called Discovery about Here & Doodlebug

"Outdoor writing products for outdoor writing people."

RECYCLABLE

"Rite in the Rain" - A unique All-Weather Writing paper created to shed water and enhance the written image. It is widely used throughout the world for recording critical field data in all kinds of weather.

Available in a variety of standard and custom printed case-bound field books, loose leaf, spiral and stapled notebooks, multi-copy sets and copier paper.

For best results, use a pencil or an all-weather pen.

a product of

J. L. DARLING CORPORATION
Tacoma, WA 98424-1017 USA
(253) 922-5000 • FAX (253) 922-5300
www.RiteintheRain.com

6 32281 39111 1

"Rite in the Rain®"
ALL-WEATHER WRITING PAPER

HORIZONTAL LINE

All-Weather Notebook
No. 391

Northeast Cape, St. Lawrence Island
Montgomery Watson-Harza
Douglas Quist
8-12-02

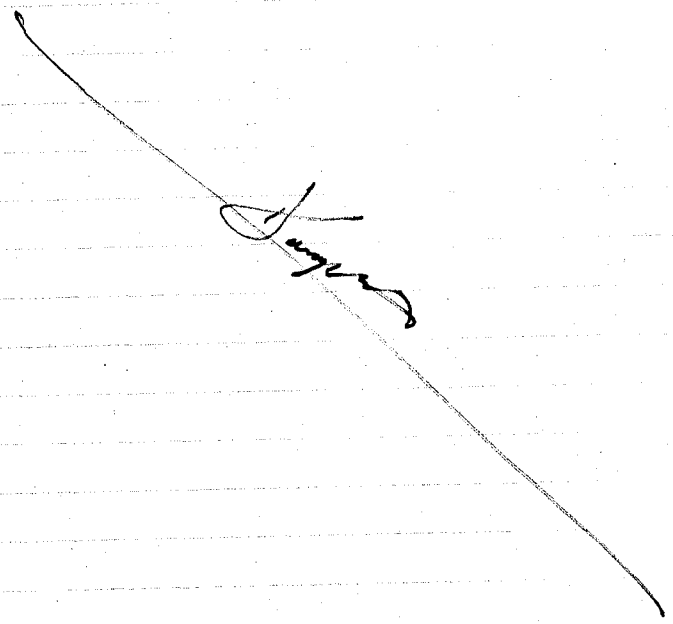
4 5/8" x 7" - 48 Numbered Pages

8-12-02

1430 - Depart AIA
1700 - Enroute.

1930 Arrive NOM
Mobilize Gear.

2200 - End



8-12-02

8-13-02 Northeast Cape

0715 - Mob for Day - retrive Cargo from ARL AIR. for Nome Materials.

0830 - Depart for NEC w/ Bering Air, Larry Pilot.

1015 - Cleared Site 2 Air terminal for staging. Here to arrive appox 1:00

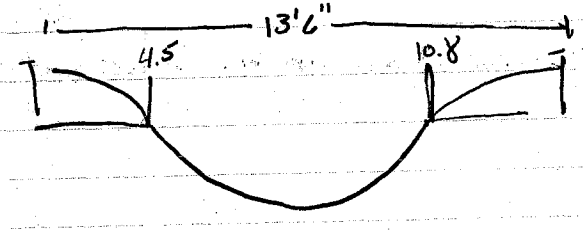
Mark locations for Monitoring Wells and Soil Borings.

8-13-02

8-14-02 Northeast Cape.

Stream Flow Measurements.

Stream Flow Location 2 from 2001
West of Drainage Basin



4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0
0.4	0.85	1.0	1.25	1.15	1.2	1.2	1.2	1.3	1.35

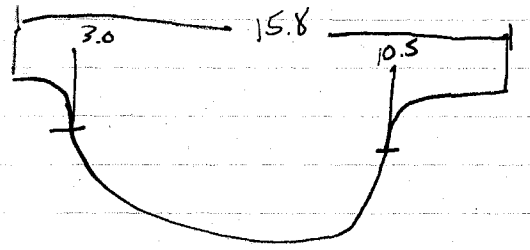
9.5	10.0	10.8
1.35	1.35	1.15

7.5' = Centerline
0.2 = 0.07 m/s
0.4 = 0.07 m/s
0.8 = 0.13 m/s

Tanya 8-14-02

8-14-02 Northeast Cape

Stream Flow Measurement
Stream Flow Location 1 from 2001
East of Drainage Basin



3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0
0	.2	0.4	1.2	1.4	1.5	1.55	1.5	1.4	1.6	1.65	1.75	1.80

7.5	10.0	10.5
0.3	0.7	0.2

6.25 = Centerline

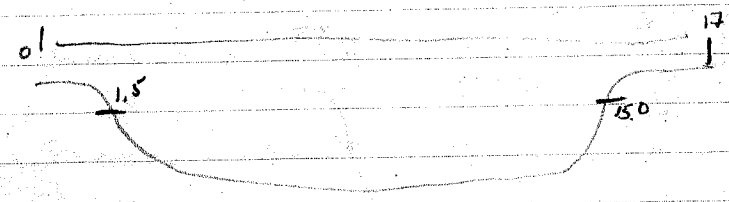
6'	
0.2	0.02
0.4	0.05
0.6	0.11

Tanya 8-14-02

8-14-02 Northeast Cape

STREAM FLOW Measurement

SC-3 from 2001 - location



1.5'	2.0'	3.0'	4.0	5.0	6.0	7.0	8.0	9.0	10.0	11.0
1.0	1.0	.8	.7	.6	.5	.4	.5	.5	.45	.35

12.0	13.0	14.0	15.0
.25	.2	.1	0

7.5 ± Centerline 0.5'

0.2 0.09

0.4 0.10

0.8 0.18 · Possibly Skewed by Surface Wind + Proximity of Sensor to Surface

8/14/02

8-14-02 Northeast Cape

2	NE88SB001	MW-1		
2.5-5.0	=1	1.0	1455	
5-7.5	=2	1.2	1450	
7.5-12.5	=3	180	1500	
12.5-17.5	=4	204	1530 -	X
17.5-20'	=5	98.7	1600 -	X
2.5-5.0	=1	19.0	1630	
5-7.5	=2	29.8	1648	
7.5-10	=3	30.9	1815	X
	=4	13.8	1700	X

8/14/02

8

8-15-02 Northeast Cape

0715- Depart for Airport

0850- Depart for NEC

Prepare for Development of MW-1, MW-2

MW-1-

Total Depth- 25.90 Prior to Casing Cut

Depth to GW- 21.78 Prior to Casing Cut

Water Column- 4.12

3 x 1 purge volume = 2 gallons.

		T	EC	pH	
1030	0-	7.9	283.1	5.98	Very slow to Recharge
1032	1	4.8	231.1	6.32	Dry
1040	2	4.7	228.6	6.85	Dry Very slow

Jennifer Lee 8/15/02

Northeast Cape

Development of Monitoring Well MW-2

Total Depth 18.06 - Muddy Bottom

Depth to GW 9.71

Water Column 9.39

3 x 1 purge volume = 5.

	T	EC	pH
	5.7	226.2	6.50
dry	4.6	243.1	6.06
dry	4.8	237.8	6.10

Very Slow to Recharge

Jennifer Lee 8/15/02

8-16-02 Northeast Cape

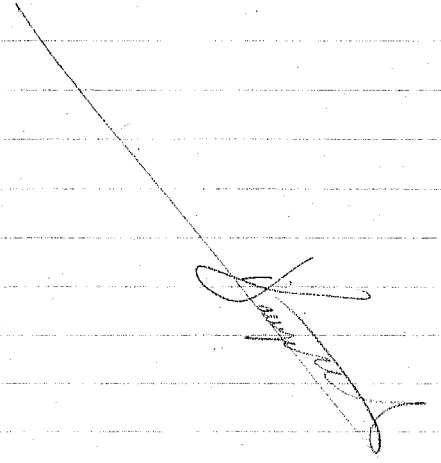
Depart Nome for NEC

Arrive NEC

Return to Nome. Drill stem to short

Called Barry Arm to have pilot

Turn back to called us.



8/16/02

8-17-02 Northeast Cape

Depart for Airport

Retrieve Cargo @ NEC for Journey

Sampling MW 88-1

Depth* 26.48

to GW 21.94

Column 4.54

1 purge volume = ± 2.25 gallons

	T °C	EC µS	pH	
	6.2	386.8	6.07	
1	6.0	387.5	6.03	
2	6.0	207.4	6.89	DO

8.4 mg/L

>1000 NTU TURB

Color odor present but less noticeable than background. No visible sheen also gas bubbles.

End MW-1

8-17-02

8-17-02 Northeast Cape

Sampling 88-2

Total Depth 20.06
Depth to GW 12.40
GW Column 8.26
1 Purge Volume 4 gal

		Temp°C	EC µS	pH	DO
1645	0	6.0	335.1	7.09	\
1650	1	5.9	332.7	7.11	\
[illegible]5	2 day	5.3	230.4	6.79	\
1700	2+	5.0	228.7	6.80	8.2 mg/L

TURBIDITY 288 NTU CO_2 N

Well has no odor or sheen
Well appears to have a large GW Column however, once purged (by bylaw limits) Well is extremely slow to recover. Appears to recharge every 6 months. But little to no appreciable gain afterward. Indicative of perched water.

Kenneth A 8-17-02

Northeast Cape

Develop wells 88-3, 88-4, 88-5

MW88-3

Total Depth 20.10
Depth to GW 15.12
GW Column 4.98
1 Purge Volume ≈ 2.5 gal

Temp°C	EC µS	pH	
4.5	437.6	8.2	Very turbid/silty
3.2	279.2	7.41	Slightly turbid as pump starts
3.4	241.7	7.43	
3.6	248.5	7.40	Still cloudy not as
3.96	237.6	7.38	Clearing up
3.6	233.7	7.4	Cleared up

88-4

Depth 17.2 (Prior to Pre Cut)
Depth to GW 11.20
GW Column ≈ 6.0
1 Purge Volume ≈ 3.0 gallons.

Temp°C	EC µS	pH	
4.4	602.	7.35	Very Muddy
3.9	630	7.21	Very Muddy
3.9	649	6.79	
3.8	626	6.81	Less muddy Moments of Clear.
3.8	621	6.78	Clearing Up

8-18-02 Northeast Cape

Development of MW 88-5

Total Depth* 17.45
Depth to GW 12.32
GW Column 5.13
3 x 1 Purge Volume ≈ 2.5 gallons

	Temp °C	EC mS	pH	
1400 0	4.4	239.9	7.34	Very Dark / Petrol Odor
1410 1	3.9	237.2	7.22	Dry
1430 1+	4.2	242.3	6.53	Very Slow to Recharge
1450 2+	4.2	244.5	6.52	Clearing Up
1530 2+	4.2	242.0	6.58	Fairly Clear

8-18-02

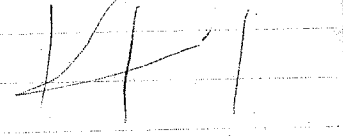
Northeast Cape

Sampling of MW 88-3

Depth 14.64
to GW 14.76
Column 4.88
3 2.35

After Cast (Final Readings)

Temp °C	EC	pH	DO	ORP	Color
3.4	129.4	7.55			
2.4	136.0	8.02			
2.5	141.6	7.66			
2.5	152.8	7.32	8.2	>1,000	NA



CANE88GW03

8-19-02

8-19-02 Northeast Cape

1245 S

Sampling MW 88-4

Total Depth 16.14 After PVC cut (Final elevation)

Depth to GW 10.41

Water Column 5.73

3x1 purge = ± 3.00 gal

		Temp °C	EC µS	pH	Do	Turb	CO_2
0	1245	3.2	646	6.78			
1	1247	2.1	650	6.62			
2	1250	2.1	648	6.63			
3	1255	2.1	646	6.60			
4	1310 DRY	2.1	646	6.62			
5	1330 DRY	2.1	645	6.61	NA	>1000 NTU.	NA

1320 - Pathway (MS MSD)

1335 - Dupe

1340 Split

Do & Co2 Not available due to high turbidity - Purge water had moments of clarity towards the beginning of purge indicative of settling and

Northeast Cape

88-5

Depth = 14.95 After PVC cut (Final elevation)

to GW = 9.8

Column = 5.15

purge ± 2.5 gal

Temp °C	EC NS	pH	Do	Turb	CO_2
4.1	278.8	7.60			
3.3	252.9	7.25			
3.3	251.1	7.16	NA	>1,000	NM

Very Slow Recharge. Extraction of purged water, very Turbid, Petrol Odor and sheen,

8-19-02

8-19-02 Northeast Cape

Development MW88-6

Total Depth = 15.2 Strong Petrol odor
Depth to GW = 10.4 Sheen
Water Column = 4.8
3x 1 purge vol = 2.5

	Temp °C	EC	NS	pH	
1100 0	6.2	420.8		7.45	grey
1110 1 + DRY	4.3	454.7		7.16	grey
1130 2 + DRY	4.3	420.4		6.88	grey - Clearing up
1145 3 + Dry	4.0	419.8		6.90	grey again
1200 4 + DRY	3.6	414.1		6.92	grey

Northeast Cape

Development 88-7

Depth = 19.02 Very Dark
to GW = 14.01 Petrol odor
Column = 5.01
1 purge = 2.5 gal Very good Producer

Temp °C	EC	NS	pH
4.5	403.2		6.97
4.3	424.4		6.86
3.1	418.5		6.89
2.7	406.7		6.81
2.9	402.6		6.80
2.9	402.8		6.71
2.9	400.6		6.76
2.9	398.7		6.78

8-19-02

8-19-02 Northeast Cape

Development MW 88-8

Total Depth = 18.70 Very dark
Depth to GW = 14.54 Petrol odor
Water Column = 4.16 Sheen

3x1 purge ± 2 gallons

	T°C	EC µS	pH	
0	4.2	412.3	7.75	1230
1	3.9	477.7	7.13	1235
2	2.9	466.9	7.18	1237
3 dry	2.9	458.1	7.05	1240
3+ dry	2.9	459.0	6.74	1245
4 dry	2.9	453.8	6.73	1255
5 dry	2.9	397.4	7.06	1320
6 dry	3.1	380.6	6.96	1340
7 dry	3.0	380.2	6.98	1400

8-19-02

Northeast Cape

Ralph up driveway called Pat to be added @ 0830 - Called Boeing to let them know plane delay till at least 0900.
Ralph arrives @ Boeing with added parts.

Depart to NEC - Weather and Plane delays due to lack of availability from Safety recall of an engine part which left very few planes available for the day.

Began day @ NEC - Shortened day due to delays in weather / Plane availability

8-20-02

22

8-20-02

Northeast Cape

Sampling MW 88-6

Total Depth = 15.20 — Dark Gray
Depth to GW = 10.43 — Very Turbid
Water Column = 4.77 — Sheen & odor
3x 1 purge = 2.5

		Temp °C	EC µS	pH	DO	Turb	CO_2
0	1230	4.4	411	7.52			
1	1240	3.2	398.9	7.33			
2	1245 dry	3.0	419.6	7.00			
2+	1300 dry	3.0	413.0	7.09	TOO HARSH		

>1,000 NTU

8-20-02

Northeast Cape

MW 88-7

Depth = 19.02 — Very Turbid
to GW = 14.02 — Petrol Odor
Column = 5.00 — sheen
Purge = 2.5

Temp °C	EC µS	pH	DO	Turb	CO_2
2.8	364.9	7.73			
2.3	480.4	7.4			
2.1	412.4	7.12			
2.1	421.0	7.00			
2.1	397.1	6.73			
2.1	398.6	6.75	NA	>1,000	NA

8-20-02

8-20-02 Northeast Cape

Sampling MW 88-8

Total Depth = 18.7
Depth to GW = 14.6
Water Column = 4.1
3x 1 purge = 2

	Temp °C	EC µs	pH	DO	Tub	CO_2
0 1420	2.9	380.1	6.79			
1 1430	2.8	374.9	6.83			
2 1445 DRY	2.8	402.4	6.79			
2 1500 DRY	2.8	401.6	6.77		>1000	

[signature] 8-20-02

8-20-02 Northeast Cape

Development MW 88-9

Total Depth = 24.45
Depth to GW = 20.24
Water Column = 4.21
3x 1 purge ≈ 2 gal

Brown as opposed to grey like all preceding wells.

NO VISIBLE SHEEN OR PETROL odor

		Temp °C	EC µs	pH	
0	1530	5.0	142.3	7.57	Dark Tan Brown.
2	1534	3.3	119.7	7.45	
4	1540	3.3	106.0	7.23	
5	1543	3.2	101.6	7.09	
8	1549	2.8	91.7	6.78	
9	1550	2.3	82.0	6.54	
10	1555	2.3	85.6	6.46	
15	1609	2.3	86.0	6.45	Clearing up slowly
20	1620	2.3	84.0	6.40	
25	1635	2.3	82.6	6.40	Still tan but clearing

[signature] 8-20-02

8-20-02 Northeast Cape

Development MW 88-10

Total Depth = 26.00
Depth to GW = 24.29
Water Column = 1.71
3x 1 purge = 3/4 gallon

	Temp °C	EC µS	pH
0 1630	3.6	382.1	6.02

Dry No Water Well. Not Recharging
Approx 0.5 gallons of very thick grey silty water
Well Completely Dry, May not be able to sample
Will Collect purge directly tomorrow.
Both Diesel Odor and sheen.

1700 dry
1800 dry

Douglas A 8-20-02

8-21-02 Northeast Cape.

0600 - Prepare Sample Coolers for Shipment.
0900 Arrive @ Boeing Air. Flight Delayed due to poor visibility in Savoonga. No weather report for ONC.
1100 - Depart for Northeast Cape
1300 Arrive Northeast Cape.
Prepare to Sample MW 9+10
Both Bristol and Corps on-site today for walk through.
1400
Sampling MW-10

Total Depth = 26.00
Depth to GW = 24.98
Wtr. Column = 1.02
3x 1 purge = 0.5 gal - No Purge due to poor Recovery
Sample Directly minimal volume. Very dark grey, Silty, sheen

	Temp °C	EC µS	pH	DO	TURD	CO2
0	3.6	422.1	7.68	NA	>1,000	NA

ONE85MW010 1450 Sample Collected from 1400 - 1730

Douglas A 8-21-02

8-21-02 Northeast Cape

1500

Sampling MW-9

Total Depth = 24.45

Depth to GW = 20.22

Water Column = 4.23

3 x 1 Purge ≈ 2 gal

		Temp°C	EC µS	pH	DO	Turb	CO_2
0	1430	4.6	92.9	8.00			
1	1435	2.7	88.1	7.82			
2	1440	2.6	87.1	7.41			
3	1442	2.3	85.4	7.15			
4	1445	2.3	84.8	6.97			
5	1450	2.3	84.7	6.98			
10	1500	2.3	81.9	6.86	9.6mg/L	200	119mg/L

Very Good Producer- only well to clean up and stay relatively clear

No odor, No Sheen, 02NES88MW009

2020- Depart NEC for NOM

2115- Arrive NOM

8-21-02

8-22-02 Northeast Cape

0630- Pack Samples for shipment

0830- Depart Nome for NEC

- Arrive NEC

Bill to finish deep boreholes 19 & 20.

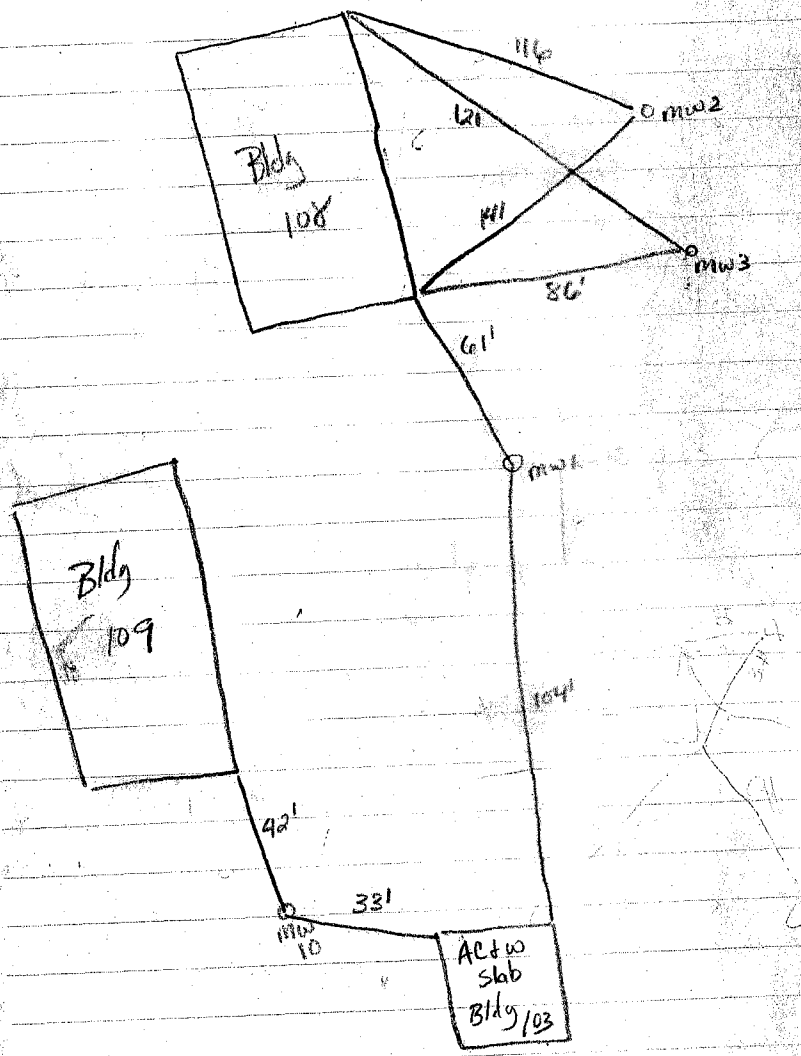
May Relinquish Sound Bill due to evidence from first of no contamination.

Begin Demob of equipment, Col on site today with Contractors

Perform Survey Ties of MW locations w/ Bill

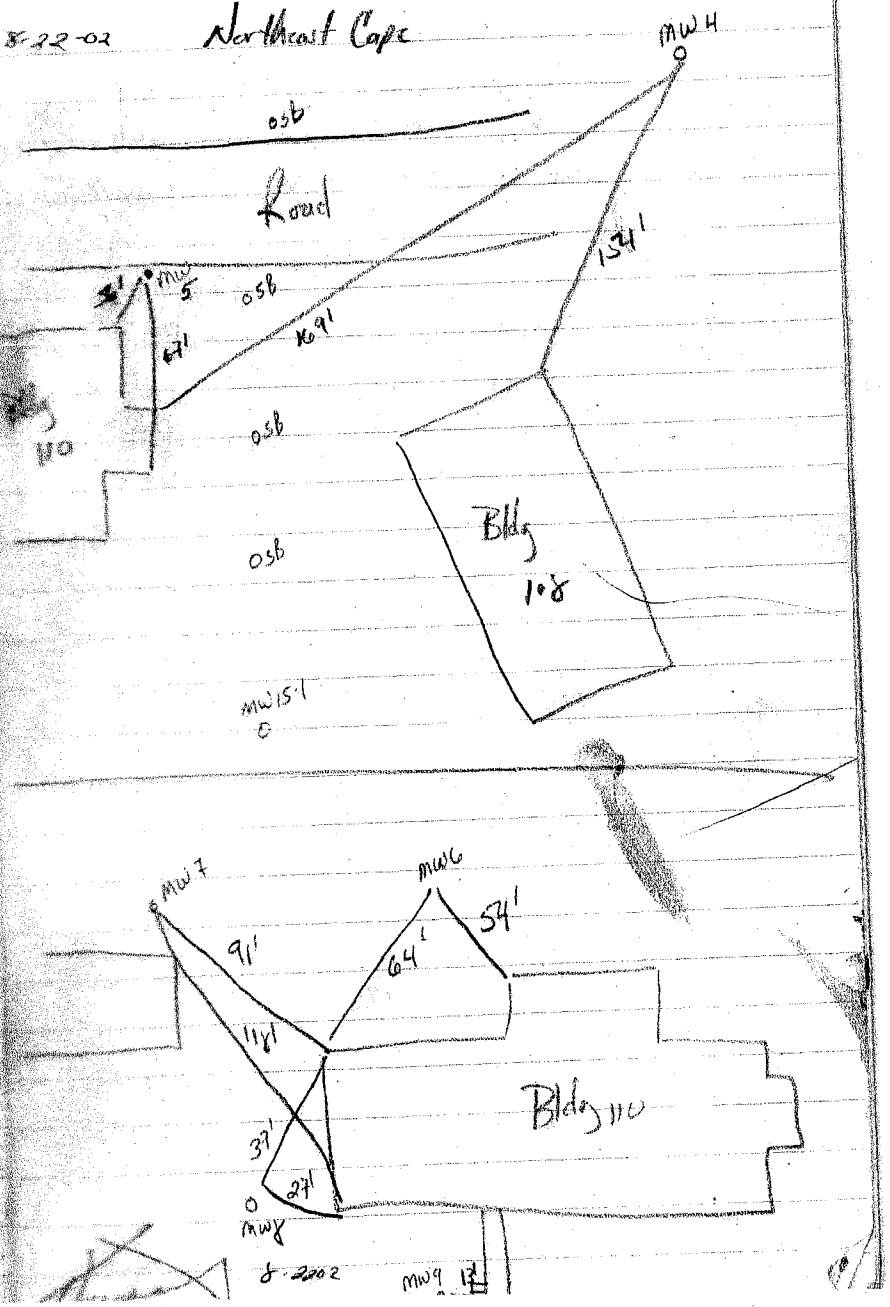
8-22-02

8-22-02 Northeast Cape



8-22-02

8-22-02 Northeast Cape



8-22-02 Northeast Cape

Bill Departs on Evening Flight. I will stay to complete arrangements of rental car and to Goldstreak Samples in a.m., Goldstreak office already Closed for the day.

2200 - End Day -

Daniel 8/22a/02

8-23-02 Northeast Cape

To Goldstreak Samples from Anchorage ship as Personal Baggage to Anchorage. Depart on am flight.

8-23-02

"Outdoor writing products for outdoor writing people."

RECYCLABLE

"Rite In the Rain" - A unique All-Weather Writing paper created to shed water and enhance the written image. It is widely used throughout the world for recording critical field data in all kinds of weather.

Available in a variety of standard and custom printed case-bound field books, loose leaf, spiral and stapled notebooks, multi-copy sets and copier paper.

For best results, use a pencil or an all-weather pen.

a product of

J. L. DARLING CORPORATION
Tacoma, WA 98424-1017 USA
(253) 922-5000 • FAX (253) 922-5300
www.RiteintheRain.com

6 32281 39111 1

"Rite in the Rain"®
ALL-WEATHER WRITING PAPER

HORIZONTAL LINE

All-Weather Notebook
No. 391

William A. O'Connell
Northeast Cape 2002
1850574.260120
USACE

4 5/8" x 7" - 48 Numbered Pages

NEC 2002 Fieldwork
1850574.260120 BOL

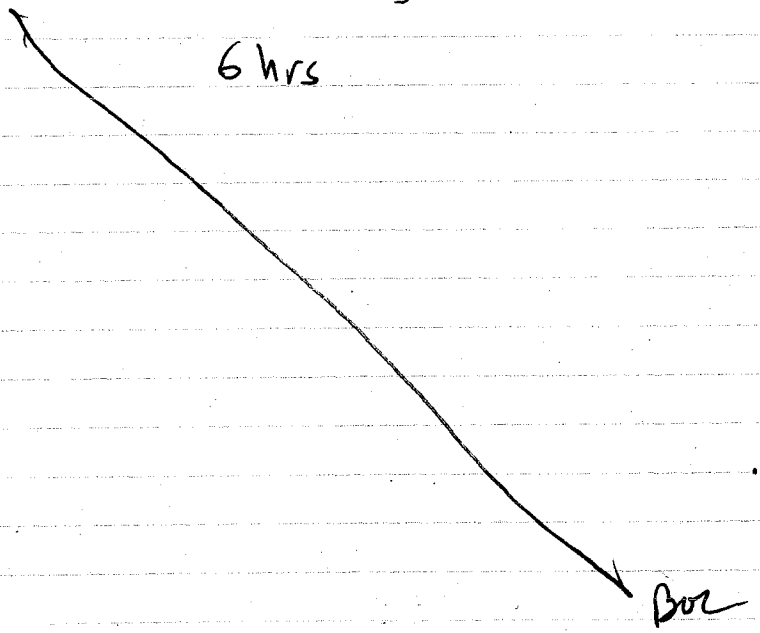
8-12-02

1430 Anchorage Airport

≈1700 Depart Anchorage

1930 Arrive Nome
- Mobilize gear
- go to Apt.

2200 End of Day



NEC 2002 Fieldwork
1850574.260120 BOL

8-13-02

0715 pickup Bonnie go to Bering Air + Alt Airlines set gear, drop off at Apt.

0900 Bering Air check in depart for NEC with.
Doug Quist
Bonnie McLean
Ralph + Greg from Disco Drillings
Michael + Miriam Toolie

1030 Arrive NEC
Clean up at terminal bldg, walk site, place MWs + Soil borings discuss logistics

1930 Lynden transport Arrives with gear, drill rig, Hus etc.
- unload gear, set up, weather-proof

2200 Done for Day 14hrs BOL

NEC 2002 Fieldwork
1850574.260120 BOE

8-14-02

0700 wake up eat, set up camp
Safety meeting, weather-proofing

1230 Bering Air Arrives with drill bits
· mob to site, heat up H_2O, set up D-Con station,

1300
Drill MW88-1 and MW88-2
See field note forms & Bonnie McLeans field notes for details

1930 Depart for Nome

2030 Arrive Nome
end of Day - 13 hrs

NEC 2002 Fieldwork
1850574.260120 KEC

8-15-02

0730 Run Errands, go to Bering Air

0900 Depart for NEC

1000 Arrive NEC
fill Potable H_2O bottles for DeCon.
Help drillers with steam-cleaning Augurs.

Mob to site, heat H_2O

1200 Start Drilling MW 88-3

1300 Break Drive-line @ 13'
stop drilling
Done for day, call Bering Air,
Call DSCo. drilling.

NEC 2002 Fieldwork
1850574.260120 BCE

8-16-02

1300 0900 Waiting for parts

~~0900~~ BCE Depart for NEC
with new Drive shaft

1400 ~~1000~~ BCE Arrive NEC
oops! Drive shaft too short

Call plane

1500 Depart NEC

1650 Arrive Home

BCE

NEC 2002 Fieldwork
1850574.260120 BCE

8-17-02

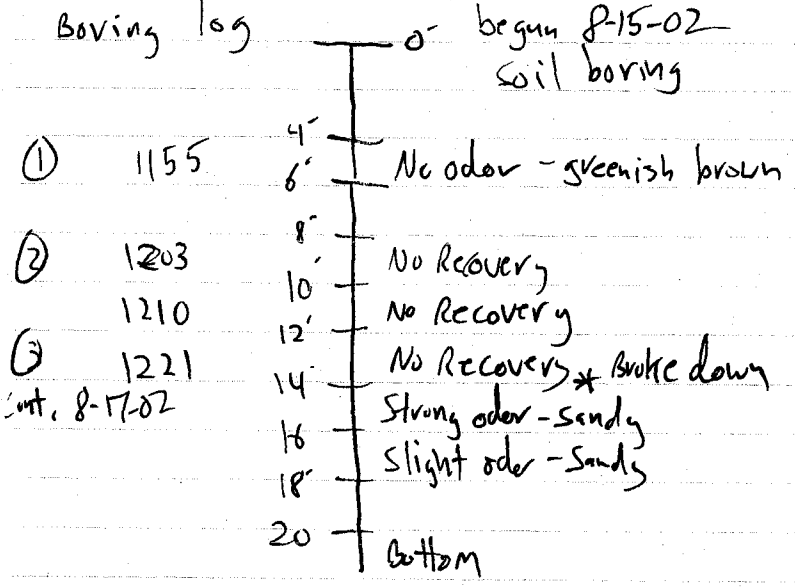
0915 Depart Home with welded Drive shaft

1030 on site, Mob to MW88-3

1100 Drilling MW 88-3

1230 Constructing MW88-3

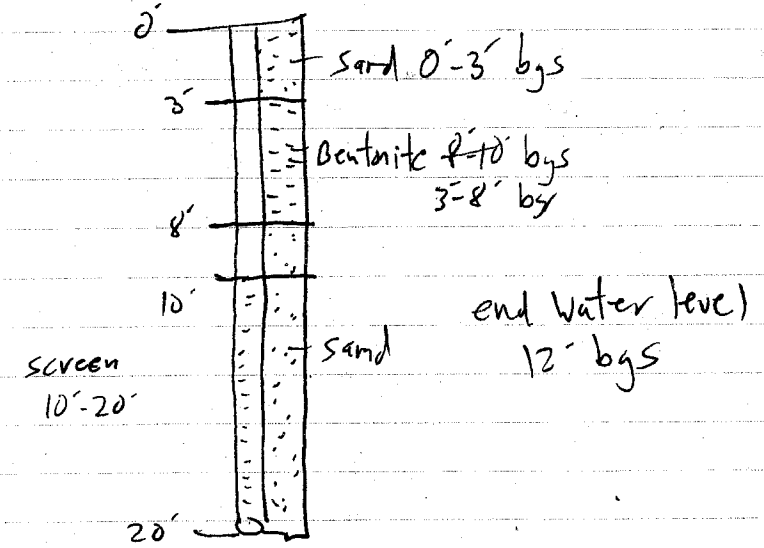
Boring log



NEC 2002 Fieldwork
1850574.260120

BCE

8-17-02 MW 88-3 2" PVC Well



See Field note forms & Bonnie McLean's field notes for PIDs and Sample ID #s

BCE

NEC 2002 Fieldwork
1850574.260120

BCE

8-17-02 MW 88-4

1300 Drilling MW 88-4

soil boring

① 1300	3'	Brown, moist slight odor
	5'	
② 1315	7'	Dark Brn. Peat w/organics - slight odor
③ 1320	9'	Dark Brn Peat w/organics - strong odor
④ 1330	11'	grey, Sandy strong odor Rocky
⑤ 1340	13'	grey wet sands - strong odor
	15'	
	17'	Bottom Refusal @ 17' bgs

End water level 15.5' bgs

odor seems concentrated in Sandy layers. No obvious staining PIDs on Borehole Log

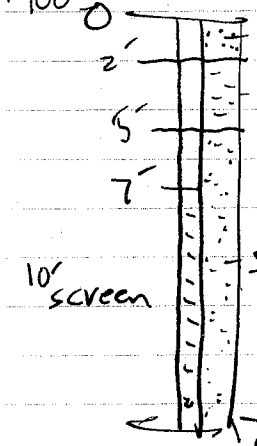
BCE

NEC 2002 Fieldwork
1850574.260120

8-17-02 BSE

MW 88-4 Construction

1400



Ent H_2O level = 15.5' bgs

1430 Return to Camp eat, set up C-filter for Deco'n water
Decon Augurs, prepare samples, get potable H_2O etc,

1530 setting up at MW 88-5

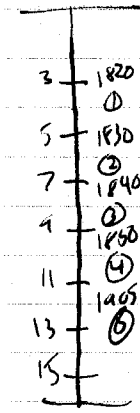
BSE

NEC 2002 Fieldwork
1850574.260120

BSE

8-17-02 MW-88-5

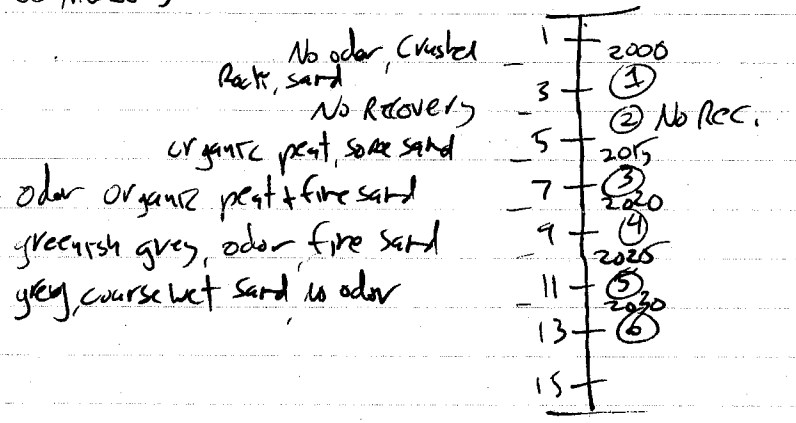
Frozen from 3' to 15', No H_2O



PIDs on Borehole log

No H_2O MW 88-5 = SB 88-11

2000 MW 88-5

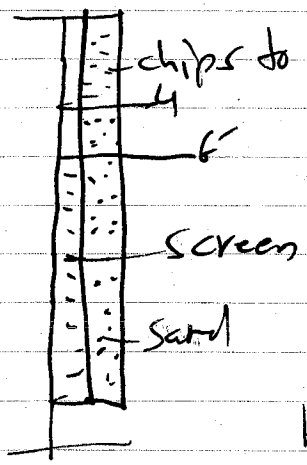


H_2O @ 11.5 Ft.

NEC 2002 Fieldwork
1850574.260120

8-17-02

2040 MW88-5



H_2O @ 11ft

2100 clean up, fill H_2O jugs

2200 end of day

BOL

NEC 2002 Fieldwork
1850574.260120

8-18-02 BOL

0800 get up, Mob to site

clean augurs, heat water H+S meeting

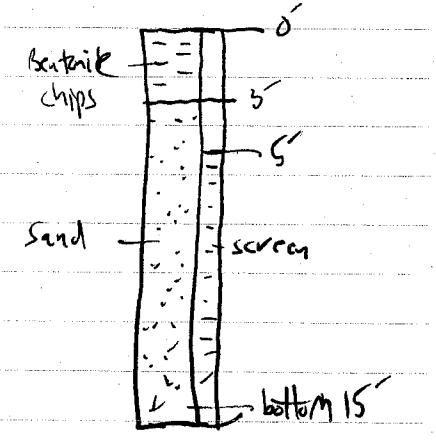
88-5 H_2O level = 10.3' bgs

1100 start drilling MW 88-6

	0	Fill Angular, rocks 3"-5" d.
1130	3'	No odor - silt + Fine sand greyish brown
①	5'	Geotech sample 4'-6'
1140		No odor - silt + Fine sand greyish brown
②	7	
1145		strong odor ~~silt + fine sand~~ soc sands + gravels
③	9	
1150		- Moist, dense, no odor silt + fine sand
④	11	
1155		strong odor, sand + gravel moist, unconsolidated
⑤	13	
	15	bottom 15.5'

PIDs on borehole log

1200 building well



End water level 10.85

1230 Heating H_2O

BOL

NEC 2002 Fieldwork
1850574.260120

8-18-02

1300 Setting up @ MW 88-7

1310 Drilling

1320 ① 5' crushed Rock + Sand no odor, dry

1330 ② 5' Brown sand, no odor

1335 ③ 7' odor crushed rock + sand, Brownish grey

1342 ④ 9' odor, crushed Rock + Sand

1350 ⑤ 11' odor, grey sand + gravel

1355 ⑥ 13' odor moist grey sand + silt

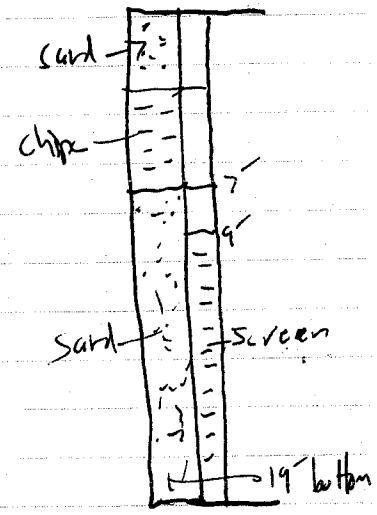
15'

17'

bottom @ 19'

PIDs on borehole log

1400 building well



Bor

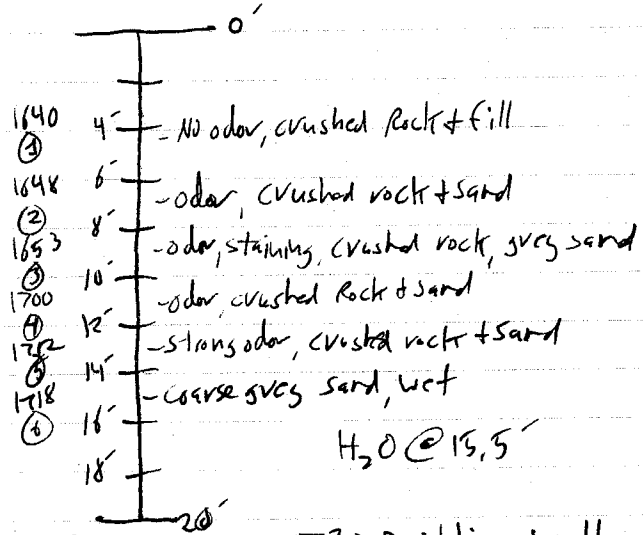
NEC 2002 Fieldwork
1850574.260120

8-18-02

1440 Return to Camp, eat, clean Augers, get H_2O

1530 Heating H_2O for Decon

1600 Drilling MW 88-8

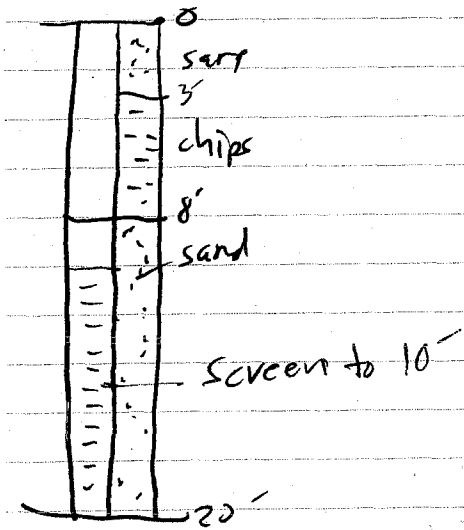


1730 Building Well
PIDs on Borehole log

Bor

NEC 2002 Fieldwork
1850574.260120

8-18-02
1730 MW 88-8



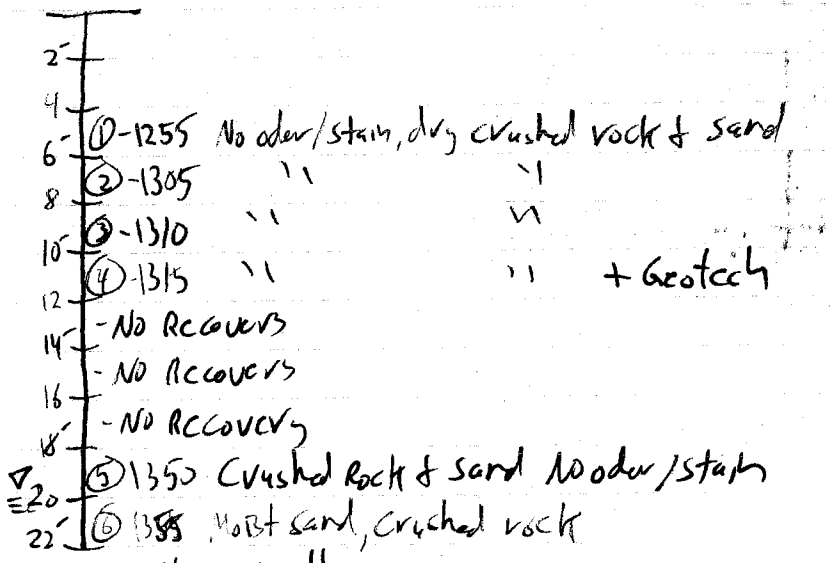
1830 Depart for Mine

2000 Paperwork
End of Day

1850574, 260120

8-19-02
0800 pick-up Johanna + Don Mullikin
Pack for NEC
0915 Depart Nome
1015 Arrive NEC, get Water, H+S meeting
Mob to site
1100 Heating H_2O, Drillers Decanning Augers
1130 Helping Drillers Decon

1255 MW 88-9 - Drilling

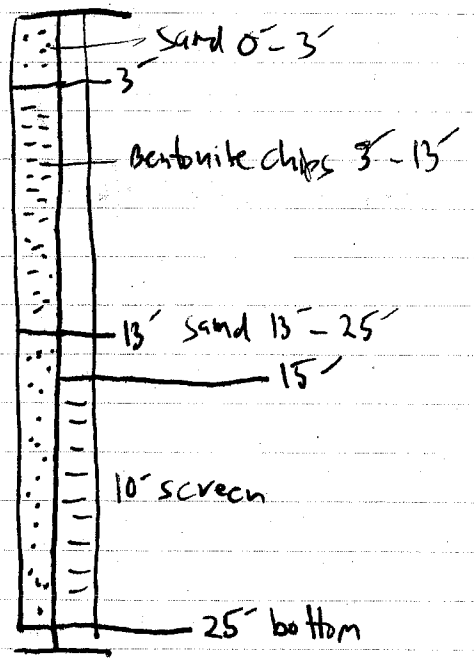


1415 Building well
PIDs on Bore hole log

1850574.260120

8-19-02

1425 Building MW88-9

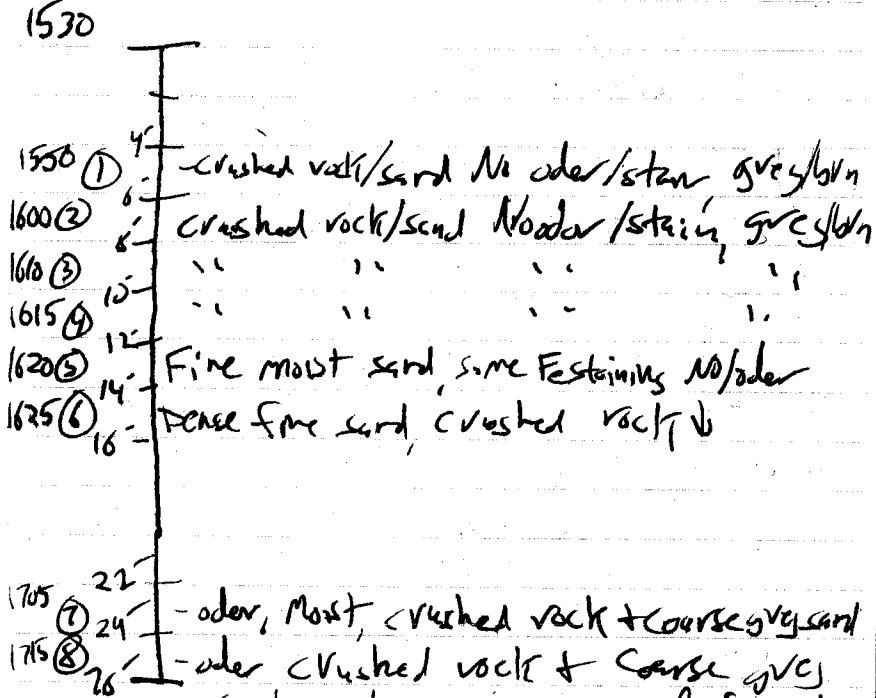


NEC 2002 Fieldwork

1850574.260120

8-19-02

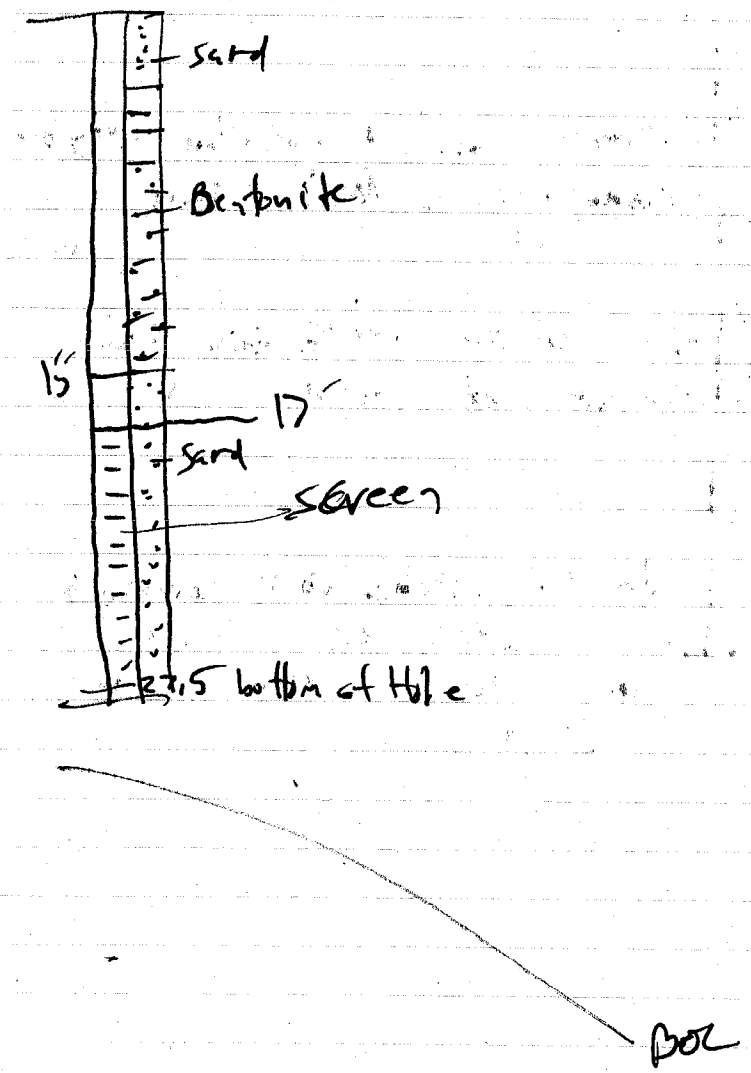
MW 88-10



8-19-02
1730 MW 88-10

NEC 2002 Fieldwork
1850574.260120

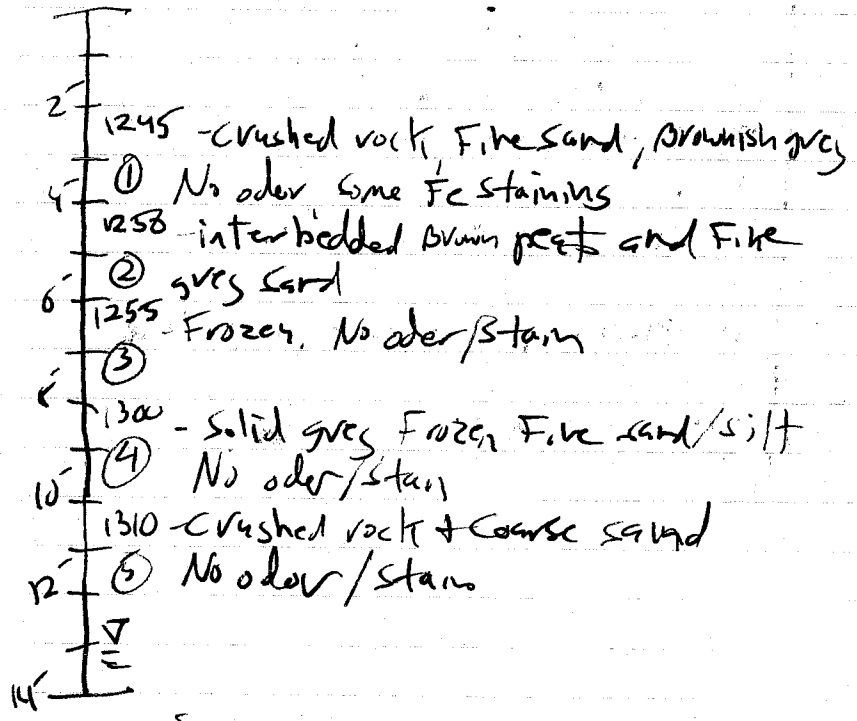
COE



1850574, 260120

8-20-02
0830 Arrive Barrow Area
Waiting for parts to arrive from welder
0930 Depart Mine
1030 Arrive NEC
Recon Augers, get water

SB12

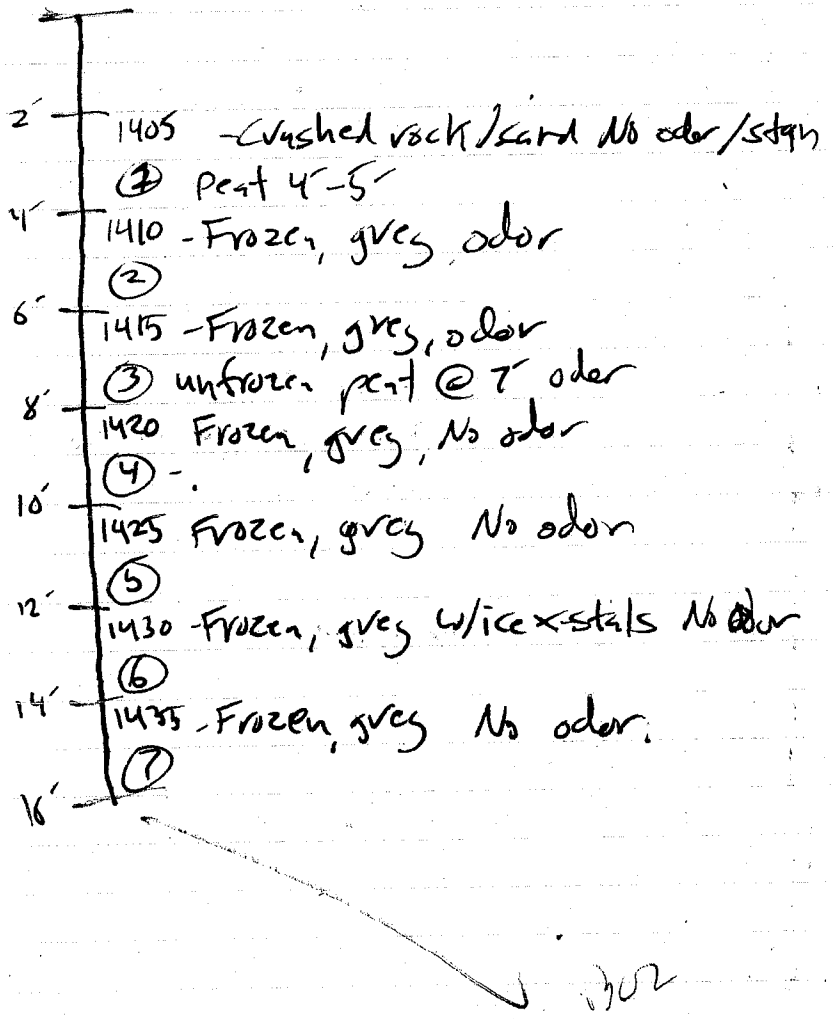


BCR

1850574. 260120

8-20-02 ~~Dept Norm of 30 Cor~~

1400 SB 88-13

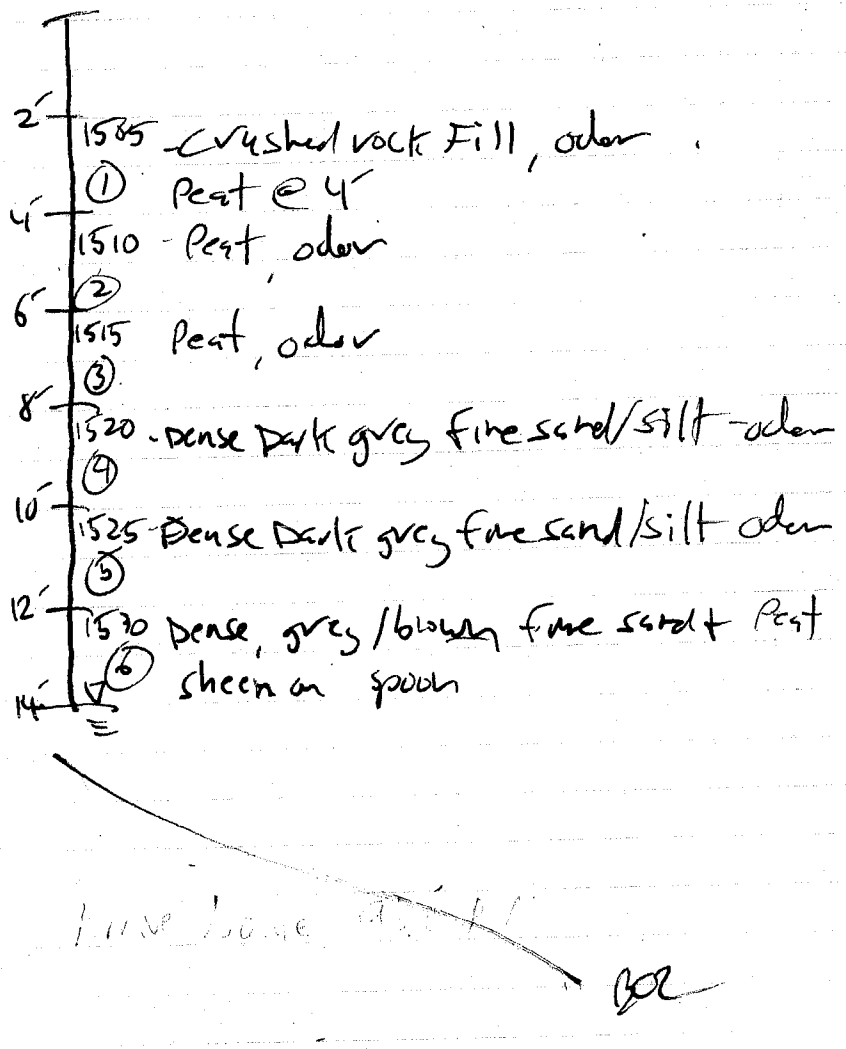


NEC 2002 Fieldwork BOR
1850574.260120

8-20-02

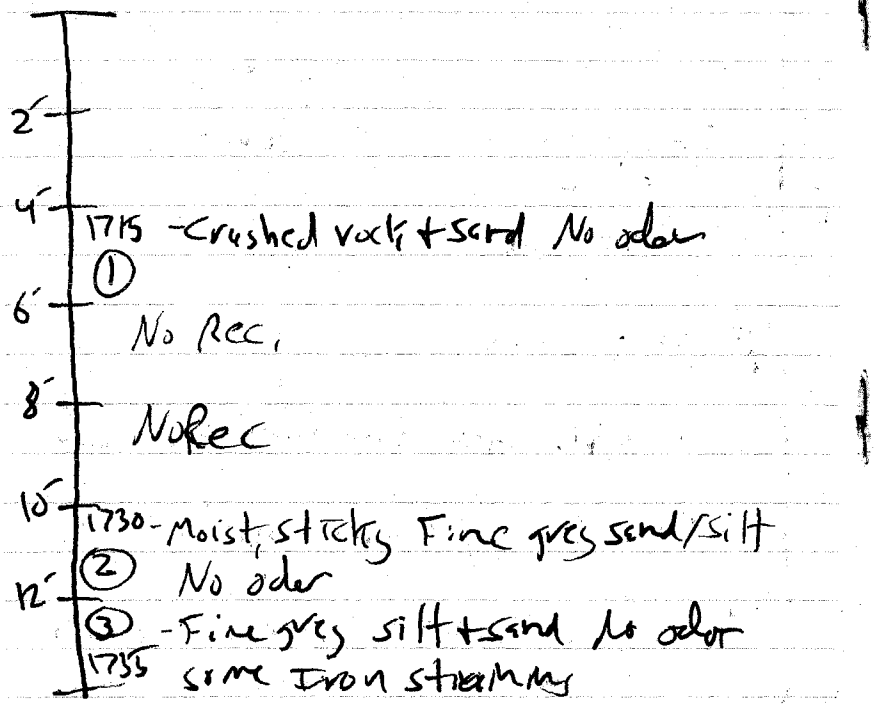
1500 Sd 16

SB 88-14



NEC 2002 Fieldwork
1850574.260120

8-20-02
1700
SB 88-15

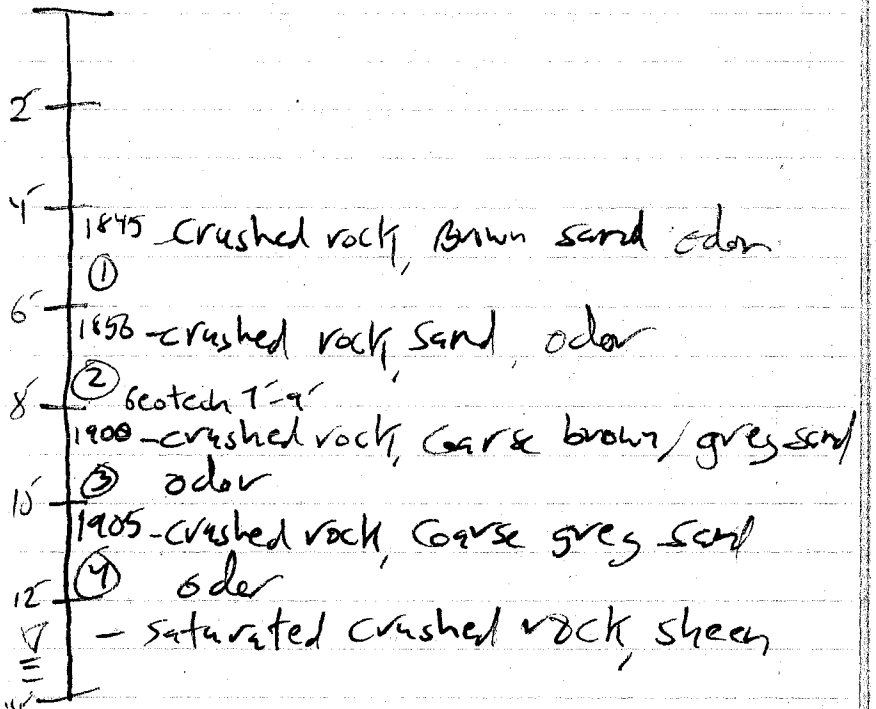


Boring continued to 21 feet then Augured filled with H_2O to 13, only samples <13' Collected

BL

NEC 2002 Fieldwork
1850574.260120

8-20-02
1830
SB 88-16

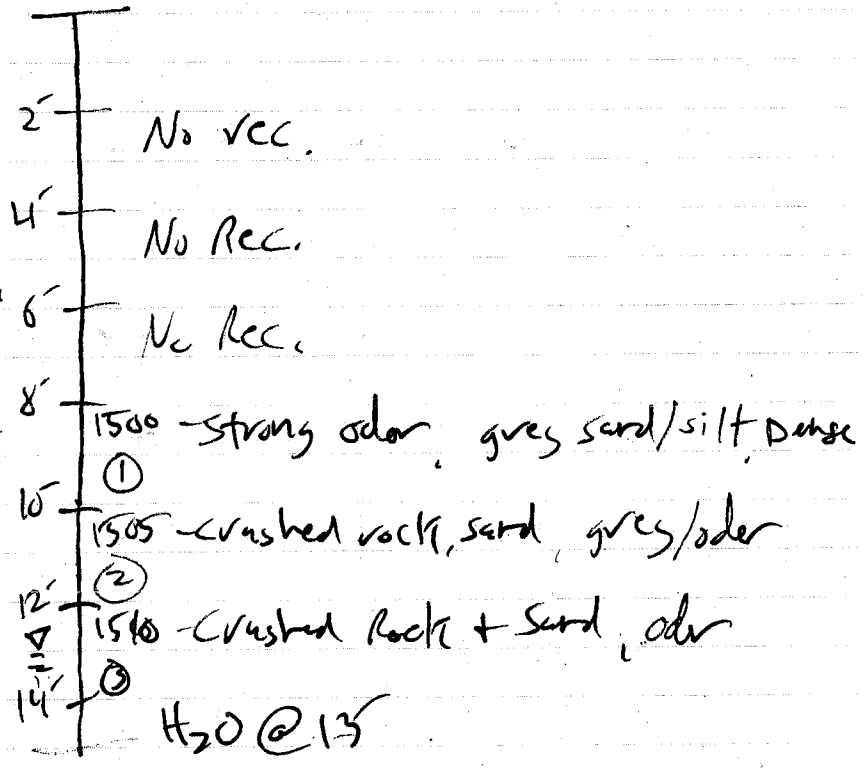


BOL

1850574, 260120

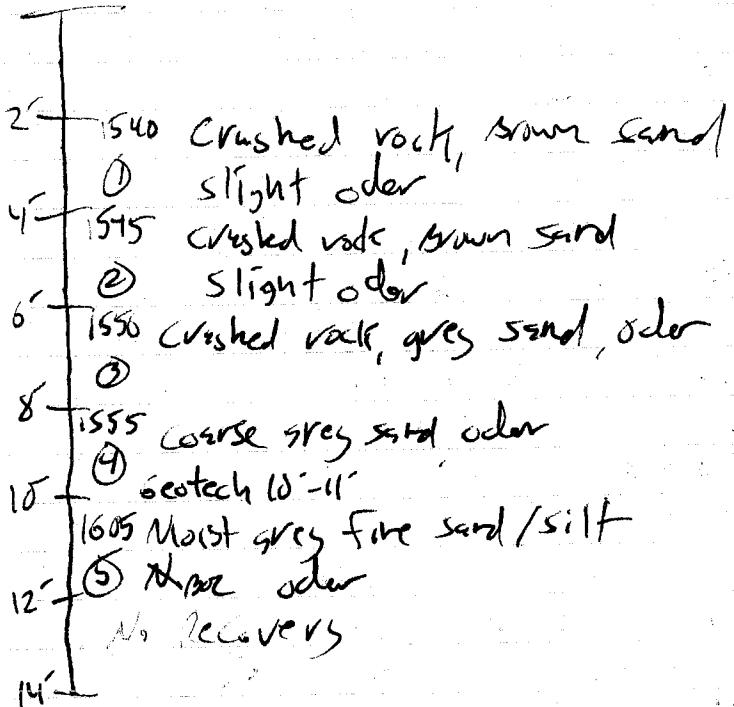
8-21-02
Depart Nome 1230 after
weather delay

1435 SB 88-17



NEC 2002 Fieldwork
1850574.260120

8-21-02
1530
SB 88-18



ARRIVE Nome 2100

NEC 2002 Fieldwork
1850574.260120

8-21-02
~~Depart 0830 Boc~~ BC
SB 88-20 1740

2'
4'
6'
8'
10' No Recovery
① 12' 1820 - Crushed rock, grey/tan brown No odor
② 14' 1825 - Crushed rock + sand, grey brown No odor
③ 16' 1835 Crushed rock No odor
④ 18' 1845 " " "
20' No Rec.
22' No Rec
⑤ 24' 1915 Crushed rock, No odor
⑥ 26' 1925 Crushed rock, Brown Sand No odor
⑦ 28' 1935 Fine grey sand, some Iron-staining No odor
⑧ 30' 1950 Crushed rock, Brown sand No odor
32' No Rec.
34' No Rec
36' No Rec.
Refusal @ 36'

BJL

1858574, 260120

8-22-02
0830 Depart None
0930 Arrive NEC start
packing finish SB 88-20

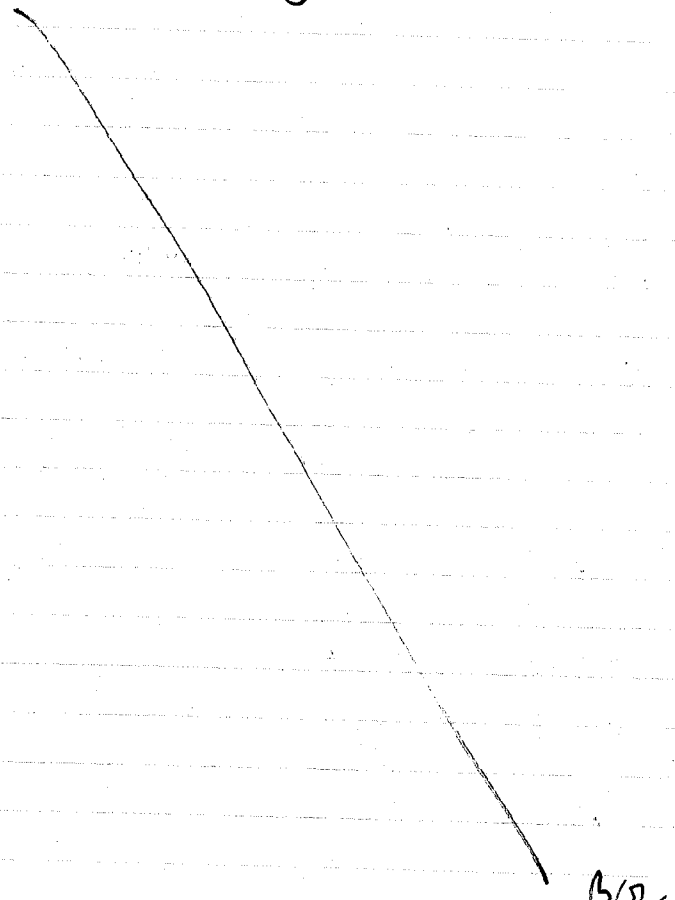
SB 88-19

① 2' 1225 Crushed rock + sand No odor Brownish-grey
② 12' 1230 " " " "
③ 14' 1235 Crushed rock, coarse grey sand, moist No odor
④ 16' 1250 " " " "
⑤ 18' 1255 " " " "
⑥ 20' 1305 " " " "
⑦ 22' 1315 Crushed rock, Brown sand No odor
No Rec.
⑧ 24' 1340 Crushed Rock, No odor,
⑨ 26' 28' 1350 Fine Brown sand
⑩ 30' 1400 Moist grey silt/sand No odor
⑪ 32' 1410 Crushed rock + sand

BJL

1850574, 260120

8-22-02
Arrive Nome 1900
Depart Nome 2130
After Delay
Arrive Anc. 2330
After Delay



BOL

NEC 2002 Fieldwork
1850574.260120

BOL

PID Log

SB 88-12

Sample #	PID
1	65.0
2	89.0 #23
3	48.0
4	65.0
5	53.0 #24

SB 88-13

1	79.9
2	35.7
3	153 #25
4	51.0
5	55.1
6	91.0
7	11.2 #26

SB 88-14

1	6080 #27
2	788
3	120
4	172
5	505
6	150 #28

SB 88-15

Sample #	PID
1	120
2	2779 #29
3	133 #30

SB 88-16

1	635
2	1558 #31
3	1142
4	2672 #32

SB 88-17

1	9999+ #33
2	2815
3	9999+ #34

SB 88-18

1	225
2	253
3	2913
4	4903 #35
5	4113 #36

KL

NEC 2002 Fieldwork
1850574.260120

PID Log

SB 88-19

Sample #	PID
1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
11	0

SB 88-20

1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0

1850574.260120

Sample summary

Borehole #	Samples 02NE88....
MW1	SB001 (MS/D), SB002
MW2	SB003, SB004
MW3	SB005, SB006, 206, 306
MW4	SB007, SB008
MW5	SB009, SB010
MW6	SB011, SB012
MW7	SB013, SB014
MW8	SB015, SB016 (MS/D)
MW9	SB017 (MS/D) SB018
MW10	SB019, SB020

1850574.260120

Sample Summary (Cont.)

Borehole #	Sample ORNEH...
SB-11	SB021, SB022
SB-12	SB023, 024
SB-13	SB025, 026
SB 14	SB027, 028
SB 15	SB029, 030
SB 16	SB031, 032
SB17	SB033, 034, 234
SB18	SB035, 335 (MS/D), 036, 236
SB19	SB037, 237, 038, 338
SB20	SB039, 239, 040, 340

0(18) = Primary 3(40) = QA
2(39) = Dup

BOC

1850574.260120

Geotech samples

Borehole	Sample ID ORNEH...
SB-6	SB041
SB-9	SB042
SB-16	SB043
SB-19	SB044

All Primary, Dup + QA analyzed for DRO/RRO, GRO/BTEX, PAH, PCB, Pb, Zn, Cr and TOC

For GW info see DQ field notes

"Outdoor writing products for outdoor writing people."

RECYCLABLE

"Rite in the Rain" - A unique All-Weather Writing paper created to shed water and enhance the written image. It is widely used throughout the world for recording critical field data in all kinds of weather.

Available in a variety of standard and custom printed case-bound field books, loose leaf, spiral and stapled notebooks, multi-copy sets and copier paper.

For best results, use a pencil or an all-weather pen.

a product of

J. L. DARLING CORPORATION
Tacoma, WA 98424-1017 USA
(253) 922-5000 • FAX (253) 922-5300
www.RiteintheRain.com

6 32281 39111 1

"Rite in the Rain"®
ALL-WEATHER WRITING PAPER

HORIZONTAL LINE

All-Weather Notebook
No. 391

Johanna Dreher
NEC 2002 Field Notes
1850574. 260120
USACE

4 5/8" x 7" - 48 Numbered Pages

1850574.260120

8-14-02

0745 - Arrive at Anchorage Airport
Flight 152
Anchorage to Nome via Kotzebue

1215 arrive in Nome
pick up Van at Bering Air
drive to Nanvaq Mannor

1430 Unpack Office and Lab supplies

2000 Bonnie, Doug, Bill arrive back from NEC

Store Samples

End of Day

Johanna Dehn

1850574.260120

8-15-02

0730 Leave to pick up supplies
arrive at Bering Air

0900 Bering Air Check in
Depart for NEC

1000 Arrive at NEC
Mob to site
Health + Safety Meeting

1200 Start Drilling MW 8C-3

1300 Break Drive - line @ 13'
Stop Drilling
Done for day

Johanna Y. Dehn

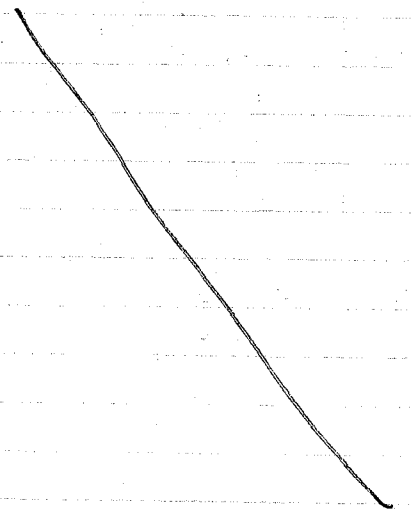
1850574.260120

8-16-02

0700 Nome airport
back to Anchorage

Call Mingta - No Samples Shipped

1130 back @ MW# Office



James G. Drahos

1850574.26012

8-19-02

0530 arrive at Anchorage Airport

0830 arrive in Nome.

0915 Bering Air Charter

1000 Health and Safety - Tailgate

1245 to MW-88-9 Drilling wash Split Spoons

1415

1520 JLD - MW88-10 Drilling

to 1715 wash split spoons

1900 leave NEC

2000 Arrive in Nome.

Pack Coolers

JLD

1650574.266120

8-20-02

0830 Arrive Bering Air
wait for parts to Arrive

0930 Depart Nome
1030 Arrive NEC
1100 Health + Safety
Tail gate

1145 Soil Boaring 88-12
wash split spoons

1400 ~~SB~~ typo 88-13 ~~D&D~~
wash split spoons

1500 SB 88-14
wash split spoons

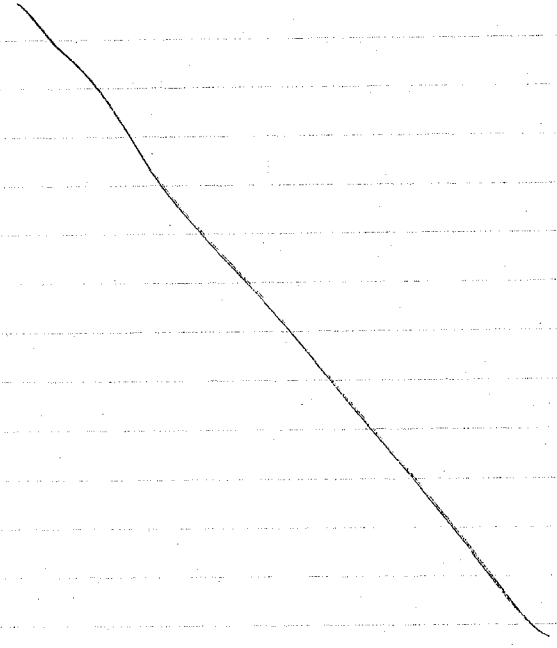
1700 SB 88-15
wash split spoons

1830 SB 88-16
wash split spoons

2000 Leave NEC

2100 arrive Nome

prepare Samples



Johanna L. Dahy

1850574. 260120

8-21-02

0830 Bering Air

Weather Delay

1230 Depart Nome

1330 arrive NEC

1435 SB 88-17
wash Split Spoons

1530 SB 88-18
wash Split Spoons

1740 SB-20
wash split Spoons

2100 Arrive in Nome

Pack Coolers

Johanna Y. Duke

1850574. 26012

8-22-02

0800 - Bill, Doug to Bering Air

0900 - Cooler to Alaska Airlines

1200 - Nome Airport

1400 - Back at MWH offices

Johanna Y. Duke

MWH
MONTGOMERY WATSON HARZA

DATE 8-12-02

DAY	Sun	Mon	Tues	Wed	Thurs	Fri	Sat
		X					

Project Manager McLean

Project Northeast Cape

Job No. 1850574. 260120

Contract No.

Weather	BrightSun	Clear	Overcast	Rain	Snow
		X	X		
Temperature (°F)	Below 32	32 to 50	50 to 70	70 to 85	Above 85
Wind	Still	Moderate	High	Report No.	
Humidity	Dry	Moderate	Humid	61	

SUBCONTRACTORS ON SITE:

Discovery Drilling

EQUIPMENT ON SITE: CME 45 truck mounted ~~ATV (3)~~, WQ meters, PID, SAT phone, Smp. Supplies, 1-Sprinter, 1-Method Cart, Generator

WORK PERFORMED (INCLUDING SAMPLING):

Travel to NOM
Arrive to late to pkup Cargo @ AKAK
Move into Apt. 101 & Apt 102.

PROJECT: Northeast Cape **REPORT NO.:** 01

JOB NO.: 1850574. 260120 **DATE:** 8-12-02

QUALITY CONTROL ACTIVITIES (INCLUDING FIEDL CALIBRATION AND STANDARDIZATION):

100 Bgm N/A

Microtop calibrated at 97 ppm isobutylene

EC

pH

DO

Turb.

CO_2

HEALTH AND SAFETY LEVELS AND ACTIVITIES: 1502 Daily safety tailgate meeting completed

INJURIES:	ACCIDENTS:	NEAR MISSES:
0	0	0

PROBLEMS ENCOUNTERED/CORRECTIVE ACTION TAKEN: NO

FIELD CHANGES: none

SPECIAL NOTES: none

TOMORROW'S EXPECTATIONS: Travel NEC, unload HERC, set-up WATER System

BY: [signature] **TITLE:** FTL/PM

MWH
MONTGOMERY WATSON HARZA

DATE 8-13-02

DAY	Sun	Mon	Tues	Wed	Thurs	Fri	Sat
			X				

Project Manager McLean

Project Northeast Cape

Job No. 1850574. 260120

Contract No.

Weather	BrightSun X	Clear X	Overcast	Rain	Snow
Temperature (°F)	Below 32	32 to 50 X	50 to 70	70 to 85	Above 85
Wind	Still	Moderate X	High	Report No.	
Humidity	Dry X	Moderate	Humid	2	

SUBCONTRACTORS ON SITE:

Discovery Drilling

EQUIPMENT ON SITE: CME 45 truck mounted
ATV (3), WQ meters, Used 2 Michaels ATV one day only
PID, Sat phone, Purg. Supplies

WORK PERFORMED (INCLUDING SAMPLING):

Travel to NEC (WAJ); Waited for Helo
Arrived 1930; Left 2020
Offloaded & staged equipment
Set up tent in Terminal Bldg
Eugene & Floyd at site
Rented Eugenes ATV & trl.; Michaels
TRL. for today.
Floyd will start work Wed.
We used cabin for night

End 2345.

PROJECT: Northeast Cape **REPORT NO.:** 2

JOB NO.: 1850574. 260120 **DATE:** 8-13-02

QUALITY CONTROL ACTIVITIES (INCLUDING FIEDL CALIBRATION AND STANDARDIZATION):

Microtop calibrated at 97/100 ppm isobutylene

EC N/A

pH

N/A DO

Turb.

CO_2

HEALTH AND SAFETY LEVELS AND ACTIVITIES: @ 1000 Daily safety tailgate meeting completed

INJURIES:	ACCIDENTS:	NEAR MISSES:
0	0	0

PROBLEMS ENCOUNTERED/CORRECTIVE ACTION TAKEN: Late cargo phone availabl; Discovery dedrift from drill bits.

FIELD CHANGES: Called Arctic to come to Weldon for THWS. travel to NEC.; Called Kyle drill bits to be out AM

SPECIAL NOTES:

TOMORROW'S EXPECTATIONS: Setup water shut new Construction; Complete Stream flow start new construction

BY: [signature] **TITLE:** FTL

MWH
MONTGOMERY WATSON HARZA

DATE 8-14-02

DAY	Sun	Mon	Tues	Wed	Thurs	Fri	Sat
				X			

Project Manager McLean

Project Northeast Cape

Job No. 1850574. 260120

Contract No. _____

Weather	BrightSun	Clear	Overcast	Rain	Snow
			X		
Temperature (°F)	Below 32	32 to 50	50 to 70	70 to 85	Above 85
		X			
Wind	Still	Moderate	High	Report No.	
			X		
Humidity	Dry	Moderate	Humid	3	
	X				

SUBCONTRACTORS ON SITE:

Discovery Drilling
Floyd. Ringstrom Jr.

EQUIPMENT ON SITE: CME 45 truck mounted
ATV (3), WQ meters
PID, SAT phone, Sampling Supplies

WORK PERFORMED (INCLUDING SAMPLING):

Set-up WATER systems

Start construction @ 1300 MW 88-1; D_T 18.5'
Well Completed @ 18.5'

Started construction MW 88-2. completed
sampling @ 1720; well completion @ 1900 D_T 17.0'

Doug completed flow measurements.

Prepare samples for shipping.

Travel to Nome.

PROJECT: Northeast Cape **REPORT NO.:** 3

JOB NO.: 1850574. 260120 **DATE:** 8-14-02

QUALITY CONTROL ACTIVITIES (INCLUDING FIEDL CALIBRATION AND STANDARDIZATION):

Microtop calibrated at 97/100 ppm isobutylene yes

EC

pH

DO

Turb.

CO_2

N/A

HEALTH AND SAFETY LEVELS AND ACTIVITIES: 8 AM Daily safety tailgate meeting completed
@ 1000 (Floyd)

INJURIES:	ACCIDENTS:	NEAR MISSES:
0	0	0

PROBLEMS ENCOUNTERED/CORRECTIVE ACTION TAKEN:

Dull bits arrive on unscheduled NAJ; stood by 1130-1600

1 QA bottle spilled in cooler & most bottles contaminated; will use drum lab bottles

FIELD CHANGES:

SPECIAL NOTES:

Discovery = NAJ trip to bring out bits

TOMORROW'S EXPECTATIONS: Complete new 3, 4, 5

BY: [signature] **TITLE:** PTL

MWH
MONTGOMERY WATSON HARZA

DATE 8-15-02

DAY	Sun	Mon	Tues	Wed ,	Thurs	Fri	Sat
					X		

Project Manager McLean

Project Northeast Cape

Job No. 1850574. 260120

Contract No. _____

Weather	BrightSun	Clear	Overcast	Rain	Snow
			X		
Temperature (°F)	Below 32	32 to 50	50 to 70	70 to 85	Above 85
		X			
Wind	Still	Moderate	High	Report No.	
		X			
Humidity	Dry	Moderate	Humid	4	
	X				

SUBCONTRACTORS ON SITE:

Discovery Drilling

EQUIPMENT ON SITE: CME 45 truck mounted
ATV (3), WQ meters
PID, SAT phone, Smp. Supplies

WORK PERFORMED (INCLUDING SAMPLING):

Start MW 88-3; rig breaks @ 1230.
Doug Developing MW 88-1 & 88-2 No recharge
Arrive Nome @ 1630.

PROJECT: Northeast Cape **REPORT NO.:** 04

JOB NO.: 1850574. 260120 **DATE:** 8-15-02

QUALITY CONTROL ACTIVITIES (INCLUDING FIEDL CALIBRATION AND STANDARDIZATION):

Microtop calibrated at 97/100 ppm isobutylene yes

EC yes

pH yes

DO

Turb. yes

CO_2

HEALTH AND SAFETY LEVELS AND ACTIVITIES: yes Daily safety tailgate meeting completed @ 1100

INJURIES: 0

ACCIDENTS: 0

NEAR MISSES: Drill Rod broke off & flew from tower landing on Right side of drilling mid section

PROBLEMS ENCOUNTERED/CORRECTIVE ACTION TAKEN:

Drill Rig broke drill rod; Called mark for new part

FIELD CHANGES: To None early; Johanna to go home until Monday because of delays

SPECIAL NOTES:

TOMORROW'S EXPECTATIONS:

New part arrives; can get to work

BY: [signature] **TITLE:** FL

MWH
MONTGOMERY WATSON HARZA

DATE 8-16-02

DAY	Sun	Mon	Tues	Wed	Thurs	Fri	Sat
						X	

Project Manager McLean

Project Northeast Cape

Job No. 1850574. 260120

Contract No. _____

Weather	BrightSun	Clear	Overcast	Rain	Snow
Temperature (°F)	Below 32	32 to 50	50 to 70	70 to 85	Above 85
Wind	Still	Moderate	High	Report No.	
Humidity	Dry	Moderate	Humid	05	

SUBCONTRACTORS ON SITE:

Discovery Drilling

EQUIPMENT ON SITE: CME 45 truck mounted
ATV (3), WQ meters
PID, Sat phone, Smp. Supplies

WORK PERFORMED (INCLUDING SAMPLING):

Wait for new part; Ralph not very coop.
Arrive NEC @ 1540 with New part

Part doesn't fit; call Kyle; left part (broken) in Nome to be welded.

Call plane back; return to Nome.

Ralph to track down repaired rod.

Ralph finds repaired rod.

BJ

PROJECT: Northeast Cape **REPORT NO.:** 5

JOB NO.: 1850574. 260120 **DATE:** 8-16-02

QUALITY CONTROL ACTIVITIES (INCLUDING FIEDL CALIBRATION AND STANDARDIZATION):

yes Microtop calibrated at 97/100 ppm isobutylene Bgm

EC

pH

DO

Turb.

CO_2

HEALTH AND SAFETY LEVELS AND ACTIVITIES: yes Daily safety tailgate meeting completed 1540

INJURIES: 0 ACCIDENTS: 0 NEAR MISSES: 0

PROBLEMS ENCOUNTERED/CORRECTIVE ACTION TAKEN:

Part doesn't fit; Return to Nome find repaired reel.

FIELD CHANGES: No work Delay Johanna

No samples sent because only have one QA Trip Blank.

SPECIAL NOTES: NAJ = Discovery

All Labor = Discovery

TOMORROW'S EXPECTATIONS: Start work

BY: Bgm **TITLE:** FTL

MWH
MONTGOMERY WATSON HARZA

DATE 8-17-02

DAY	Sun	Mon	Tues	Wed	Thurs	Fri	Sat
							X

Project Manager McLean

Project Northeast Cape

Job No. 1850574. 260120

Contract No.

Weather	BrightSun	Clear	Overcast	Rain X	Snow
Temperature (°F)	Below 32	32 to 50 X	50 to 70 X	70 to 85	Above 85
Wind	Still	Moderate	High X	Report No. 06	
Humidity	Dry	Moderate	Humid		

SUBCONTRACTORS ON SITE:
Discovery Drilling

EQUIPMENT ON SITE: CME 45 truck mounted
ATV (3), WQ meters
PID, SAT phone, Surv. Supplies

WORK PERFORMED (INCLUDING SAMPLING):
883-Completed sampling & well @ 20.5 DT
screen well @ 20.0-10 bgs.
Nugget arrives.
Water samples MW88-1R MW88-2 collected.

MW 88-4 Completed sampling @ 12' & well
Construction @ 17.0' DT; screen 16.5-6' bgs

MW 88-5 Becomes 88-11 because of frozen soils 3'-15'
moved south to place MW 88-5
Completed sampling @ 11'; well completed
16.5 DT screen 16'-6' bgs

BAD weather prevents return to work.

Bye

PROJECT: Northeast Cape **REPORT NO.:** 06

JOB NO.: 1850574. 260120 **DATE:** 8-17-02

QUALITY CONTROL ACTIVITIES (INCLUDING FIEDL CALIBRATION AND STANDARDIZATION):

Microtop calibrated at 97/100 ppm isobutylene BGM

EC yes
pH yes
DO
Turb. yes
CO_2

HEALTH AND SAFETY LEVELS AND ACTIVITIES: yes @ 11a Daily safety tailgate meeting completed

INJURIES:	ACCIDENTS:	NEAR MISSES:
0	0	0

PROBLEMS ENCOUNTERED/CORRECTIVE ACTION TAKEN:

FIELD CHANGES: Stay NEC because of weather

SPECIAL NOTES: Unable to ship samples on Sunday as planned

TOMORROW'S EXPECTATIONS: MW 88-6 7 8
Return to Nome with Samples

BY: [signature] **TITLE:** BGM

MWH
MONTGOMERY WATSON HARZA

DATE 8-18-02

DAY	Sun	Mon	Tues	Wed	Thurs	Fri	Sat
	X						

Project Manager McLean

Project Northeast Cape

Job No. 1850574. 260120

Contract No.

Weather	BrightSun	Clear	Overcast	Rain	Snow
Temperature (°F)	Below 32	32 to 50	50 to 70	70 to 85	Above 85
Wind	Still	Moderate	High	Report No.	
Humidity	Dry	Moderate	Humid	07	

SUBCONTRACTORS ON SITE:

Discovery Drilling

EQUIPMENT ON SITE: CME 45 truck mounted
ATV (3), WQ meters
PID, Sat phone, Pump Supplies

WORK PERFORMED (INCLUDING SAMPLING):

MW88-6 Completed sampling at 14' bgs; well D_T 16.5' screened 16 to 6 bgs.

MW88-7 completed Samples @ 14' bgs
Well completed D_T 19.5; Screen 9-19 bgs

MW 88-8 completed sampling @ 15.0; D_T 20.5'
Screened 10-20' bgs

Relocated MW 88-3, 88-4, 88-5

Return to Nome

Prepare coolers for shipping

PROJECT: Northeast Cape **REPORT NO.:** 7

JOB NO.: 1850574. 260120 **DATE:** 8-18-08

QUALITY CONTROL ACTIVITIES (INCLUDING FIEDL CALIBRATION AND STANDARDIZATION):

Microtop calibrated at 97/100 ppm isobutylene

EC

pH

DO

Turb.

CO_2

HEALTH AND SAFETY LEVELS AND ACTIVITIES: yes 8:30 Daily safety tailgate meeting completed

INJURIES: 0 ACCIDENTS: 0 NEAR MISSES: 0

PROBLEMS ENCOUNTERED/CORRECTIVE ACTION TAKEN: ck

FIELD CHANGES:

SPECIAL NOTES:

TOMORROW'S EXPECTATIONS: Ship coolers' Johanna to arrive; complete MW 9 & 10 SB 88-12 Develop & Sample

BY: BMcLean **TITLE:** FTL

MWH
MONTGOMERY WATSON HARZA

DATE 8-19-02

DAY	Sun	Mon	Tues	Wed	Thurs	Fri	Sat
		X				/	

Project Manager McLean

Project Northeast Cape

Job No. 1850574. 260120

Contract No. _____

Weather	BrightSun	Clear	Overcast	Rain	Snow
Temperature (°F)	Below 32	32 to 50	50 to 70	70 to 85	Above 85
Wind	Still	Moderate	High	Report No.	
Humidity	Dry	Moderate	Humid	CB	

SUBCONTRACTORS ON SITE:

Discovery Drilling

EQUIPMENT ON SITE: CME 45 truck mounted
ATV (3), WQ meters
PID, SAT phone, Pump, Sup plies

WORK PERFORMED (INCLUDING SAMPLING):

Johanna arrives; travel to NEC
Ben returns to Anch.
Reviewed all remaining tasks w/ Dory.

Sampled MW 88-3
MW 88-4
MW 88-5

Completed sampling & construction MW 88-9
@ 30.0' bgs; DT 25.5'; screened 25-15 bgs

Completed sampling construction MW 88-10
@ 27.0 bgs; DT 27.5'; screened 27.0 - 17.0 bgs

Developed MW 88-6
MW 88-7
MW 88-8

PROJECT: Northeast Cape **REPORT NO.:**

JOB NO.: 1850574. 260120 **DATE:**

QUALITY CONTROL ACTIVITIES (INCLUDING FIEDL CALIBRATION AND STANDARDIZATION):

Microtop calibrated at 97/100 ppm isobutylene

EC

pH

DO

Turb.

CO_2

HEALTH AND SAFETY LEVELS AND ACTIVITIES: Daily safety tailgate meeting completed

INJURIES: ACCIDENTS: NEAR MISSES:

PROBLEMS ENCOUNTERED/CORRECTIVE ACTION TAKEN:

FIELD CHANGES:

SPECIAL NOTES:

TOMORROW'S EXPECTATIONS:

BY: **TITLE:**

MWH
MONTGOMERY WATSON HARZA

DATE 8-20-02

DAY	Sun	Mon	Tues	Wed	Thurs	Fri	Sat
			X				

Project Manager McLean

Project Northeast Cape

Job No. 1850574. 260120

Contract No.

Weather	BrightSun	Clear	Overcast X	Rain	Snow
Temperature (°F)	Below 32	32 to 50	50 to 70	70 to 85	Above 85
Wind	Still	Moderate X	High	Report No. 09	
Humidity	Dry X	Moderate	Humid		

SUBCONTRACTORS ON SITE:

Discovery Drilling

EQUIPMENT ON SITE: CME 45 truck mounted
ATV (3), WQ meters
PID, SAT phone, Sampling Supplies

WORK PERFORMED (INCLUDING SAMPLING):

Samples MW 88-6, 88-7, & 88-8
Completed soil sampling
SB 88-12, SB 88-13, SB 88-14, &
SB 88-15 & SB 88-16
Developed MW 88-9 & MW 88-10

PROJECT: Northeast Cape **REPORT NO.:** ~~#0~~ 9

JOB NO.: 1850574. 260120 **DATE:** 8-20-02

QUALITY CONTROL ACTIVITIES (INCLUDING FIEDL CALIBRATION AND STANDARDIZATION):

Yes Microtop calibrated at 97/100 Bgm ppm isobutylene

EC ~

pH 4,7,10

DO NA

Turb. NA

CO_2 NA

HEALTH AND SAFETY LEVELS AND ACTIVITIES: Yes Daily safety tailgate meeting completed

INJURIES: 0 ACCIDENTS: 0 NEAR MISSES: 0

PROBLEMS ENCOUNTERED/CORRECTIVE ACTION TAKEN:

Drill Rig Parts Being Welded in a.m., Delayed departure until ≈10.00 a.m

FIELD CHANGES:

SPECIAL NOTES:

Naj down - King Air to Island

TOMORROW'S EXPECTATIONS:

Sample MW's 9 & 10

Complete Borings perhaps both deep Boreholes

BY: Douglas Dixon **TITLE:** F. Chemist

MWH
MONTGOMERY WATSON HARZA

DATE 8-21-02

DAY	Sun	Mon	Tues	Wed	Thurs	Fri	Sat
				X			

Project Manager McLean

Project Northeast Cape

Job No. 1850574. 260120

Contract No.

Weather	BrightSun	Clear X	Overcast X	Rain	Snow
Temperature (°F)	Below 32	32 to 50	50 to 70	70 to 85	Above 85
Wind	Still	Moderate	High X	Report No.	
Humidity	Dry X	Moderate	Humid	10	

SUBCONTRACTORS ON SITE:

Discovery Drilling

EQUIPMENT ON SITE: CME 45 truck mounted
ATV (3), WQ meters
PID, SAT phone, Pump Supplies

WORK PERFORMED (INCLUDING SAMPLING):

Collected water samples from MW88-9 & MW88-10
Completed BH's 88-17, 88-18

PROJECT: Northeast Cape **REPORT NO.:** 10

JOB NO.: 1850574. 260120 **DATE:** 8-2

QUALITY CONTROL ACTIVITIES (INCLUDING FIEDL CALIBRATION AND STANDARDIZATION):

Yes Microtop calibrated at 97/100 ppm isobutylene

EC ✓

pH 4, 7, 10

DO NA

Turb. NA

CO_2 NA

HEALTH AND SAFETY LEVELS AND ACTIVITIES: Yes Daily safety tailgate meeting completed

INJURIES:	ACCIDENTS:	NEAR MISSES:
0	0	0

PROBLEMS ENCOUNTERED/CORRECTIVE ACTION TAKEN:

~~None Def~~ Sampled MW88-10 directly due to poor development parameters very little water and extremely slow recovery. once pumped dry very slow.

FIELD CHANGES:

None

SPECIAL NOTES:

NAJ - Bering has limited planes due to nationwide grounding of NAJ's w/ a particular part. Delayed by weather (no report) and lack of planes available.

TOMORROW'S EXPECTATIONS:

Demob

BY: Douglas Grant **TITLE:** F. Chemist

MWH
MONTGOMERY WATSON HARZA

DATE 8-22-02

DAY	Sun	Mon	Tues	Wed	Thurs	Fri	Sat
					X		

Project Manager McLean

Project Northeast Cape

Job No. 1850574. 260120

Contract No.

Weather	BrightSun	Clear	Overcast	Rain	Snow
		X			
Temperature (°F)	Below 32	32 to 50	50 to 70	70 to 85	Above 85
		X			
Wind	Still	Moderate	High	Report No.	
			X		
Humidity	Dry	Moderate	Humid	11	
	X				

SUBCONTRACTORS ON SITE:

Discovery Drilling

EQUIPMENT ON SITE: CME 45 truck mounted
ATV (3), WQ meters
PID, SAT phone, Smp. Supplies

WORK PERFORMED (INCLUDING SAMPLING):

Johanna returns to Anch. AM, ARRIVE NEC; Collected soil samples SB22-1 & SB22-2
Prepare equipment for shipping on SK
Return to Nome
Bill returns to Anch pm
Prepare Equipmt in Nome for cargo shipping

PROJECT: Northeast Cape **REPORT NO.:** 11

JOB NO.: 1850574. 260120 **DATE:** 8-22-02

QUALITY CONTROL ACTIVITIES (INCLUDING FIEDL CALIBRATION AND STANDARDIZATION):

Microtop calibrated at 97/100 ppm isobutylene

~~EC~~
~~pH~~
~~DO~~
~~Turb.~~
~~CO_2~~

HEALTH AND SAFETY LEVELS AND ACTIVITIES: Yes Daily safety tailgate meeting completed

INJURIES: 0 ACCIDENTS: 0 NEAR MISSES: 0

PROBLEMS ENCOUNTERED/CORRECTIVE ACTION TAKEN:

0

FIELD CHANGES:

0

SPECIAL NOTES:

Johanna Departed on a.m. flight
Bill Departed on p.m. flight

TOMORROW'S EXPECTATIONS:

Demob from Nome to ANC

BY: Douglas Quist **TITLE:** F. Chemist

MWH
MONTGOMERY WATSON HARZA

DATE 8-23-02

DAY	Sun	Mon	Tues	Wed	Thurs	Fri	Sat
						X	

Project Manager McLean

Project Northeast Cape

Job No. 1850574. 260120

Contract No. _____

Weather	Bright Sun X	Clear	Overcast	Rain	Snow
Temperature (°F)	Below 32	32 to 50 X	50 to 70	70 to 85	Above 85
Wind	Still	Moderate X	High	Report No.	
Humidity	Dry X	Moderate	Humid	12	

SUBCONTRACTORS ON SITE:

Discovery Drilling

EQUIPMENT ON SITE: CME 45 truck mounted

ATV (3), WQ meters

PID, SAT phone, Smp. Supplies

WORK PERFORMED (INCLUDING SAMPLING):

Demob returns to Anch

PROJECT: Northeast Cape **REPORT NO.:** 12

JOB NO.: 1850574. 260120 **DATE:** 8-23-02

QUALITY CONTROL ACTIVITIES (INCLUDING FIEDL CALIBRATION AND STANDARDIZATION):

Microtop calibrated at 97/100 ppm isobutylene

~~EC~~
~~pH~~
~~DO~~
~~Turb.~~
~~CO_2~~

HEALTH AND SAFETY LEVELS AND ACTIVITIES: Ø Daily safety tailgate meeting completed

INJURIES: Ø ACCIDENTS: Ø NEAR MISSES: Ø

PROBLEMS ENCOUNTERED/CORRECTIVE ACTION TAKEN:

Ø

FIELD CHANGES:

Ø

SPECIAL NOTES:

Depart on a.m. flight w/ samples.

TOMORROW'S EXPECTATIONS:

Ship Samples on Sunday for Monday delivery

BY: Douglas Dunn **TITLE:** F. Chemist

MONTGOMERY WATSON
Anchorage, Alaska

SOIL BORING LOG

PROJECT NO.: 183574.260120 | BORING NO.: 88-1 | SHEET 1 OF

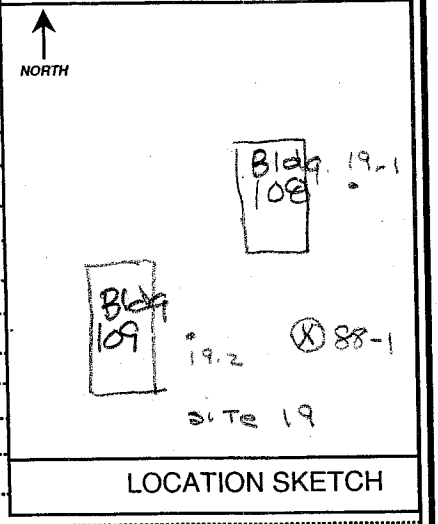
PROJECT: Phase III RI | SITE: Northeast Cape, St. Lawernce Is | CLIENT: USACE - Alaska | GEOLOGIST: McLean

DATE: 8/14/02 | WEATHER: cldy. rain | AK STATE PLANE COORDINATES: 96392.8914 (Northing) 98090.4492 (Easting) | ELEVATION DATUM: MSL

DRILLING METHOD: Hollow stem | BORING SIZE: 8 1/4" | HAMMER DROP (IN/LBS): 30/360 | RIG TYPE: CME 45 | DRILLER/COMPANY: Discovery

SAMPLES: 2 | SAMPLE TYPE: grab | SAMPLER TYPE/DIAMETER: 2 1/2" SS | TOTAL DEPTH (FT): 22.5 | DEPTH TO SWL (FT): 20.0 | TOP OF HOLE ELEVATION: 82.29

WELL COMPLETED? [X] YES [ ] NO



LOCATION SKETCH

DEPTH (FEET)	BLOWS (6 IN.)	GRAIN SIZE % GRAVEL	% SAND	% FINES	MAX SIZE (IN)	SOIL CLASS	GRAPHIC LOG	SAMPLE TIME	SAMPLE INTERVAL	SOIL DESCRIPTION (ASTM 2488)
0	11					SP		1430		Fill, fine & crushed rock PID
	9									88-1 (0-2.5) 1.0
1	8							(1)		Reddish brown
										Dry, NO odor, NO STAINING
2										
	11					SP		1445		88-1 (2.5-5.0) 1.8
3	9									No change fill material
	10									Sand & crushed rock
4	12									dry,
	12									No odor, No staining
5	6					GM		1452		moist Dark olive brown
	9	10	80	10	.25					sand with silt and broken rock
6	8							(2)		88-1 (5-7.5) angular PID 1.2
	10									NO odor, NO STAINING
7										
	46							1500		88-1 (7.5-10.0)
8	43									NO retrieval, big Broken rock in
	35									sampler
9	15									NO odor
	7									
10	8							1500		88-1 (10-12.5) PID 180.0
	15									NO retrieval,
11	12							(3)		NO odor
	1									
12	7									Dry
	21							1515		88-1 (12.5-15.0)
13	36									NO retrieval, Crushed rock in front
										of sampler
14	39									
	33									
	21									Dry, NO odor, NO staining
15						SP		1530		88-1 (15-17.5), grey brown crushed rock
	72				1.5					dry
16	34							(4)		PID 204.0
	36					GM				Dry, Crushed rock with fines,
17	31									for odor, NO STAINING LAB 02NE88SB01 MS/MSD
								1600		
18	29					GM				88-1 (18-20) no change PID 98.7
	27							(5)		
19	27									LAB 02NE89SB002
	50									
20								1605		88-1 (20-20.5) SHT
										NO Recovery 20.0
21								(6)		

MONTGOMERY WATSON
Anchorage, Alaska

SOIL BORING LOG

PROJECT NO.: | BORING NO.: 88-1 | SHEET 2 OF 2

PROJECT: Phase III RI | SITE: Northeast Cape, St. Lawernce Is | CLIENT: USACE - Alaska | GEOLOGIST: McLean

DATE: 8/14/02 | WEATHER: Cldy, rain | AK STATE PLANE COORDINATES: Seep. / (Northing) (Easting) | ELEVATION DATUM:

DRILLING METHOD: Hollowstem | BORING SIZE: 8 ¼" | HAMMER DROP (IN/LBS): 30/360 | RIG TYPE: CME 45 | DRILLER/ COMPANY: Discovery

SAMPLES | SAMPLE TYPE | SAMPLER TYPE/DIAMETER | TOTAL DEPTH (FT) | DEPTH TO SWL (FT) | TOP OF HOLE ELEVATION

DEPTH (FEET)	BLOWS (6 IN.)	GRAIN SIZE: % GRAVEL	% SAND	% FINES	MAX SIZE (IN)	SOIL CLASS	GRAPHIC LOG	SAMPLE: TIME	INTERVAL	SOIL DESCRIPTION (ASTM 2488)
20	20					SM				88-1 (20 – 22.5'): gray brown sand w/ silt
	17							1610		saturated
	28									
	27							⑥		TD 22.5' PID 18.6

WELL COMPLETED? ☒ YES ☐ NO

NORTH

Seep.

LOCATION SKETCH

WELL CONSTRUCTION LOG

MONTGOMERY WATSON Anchorage, Alaska

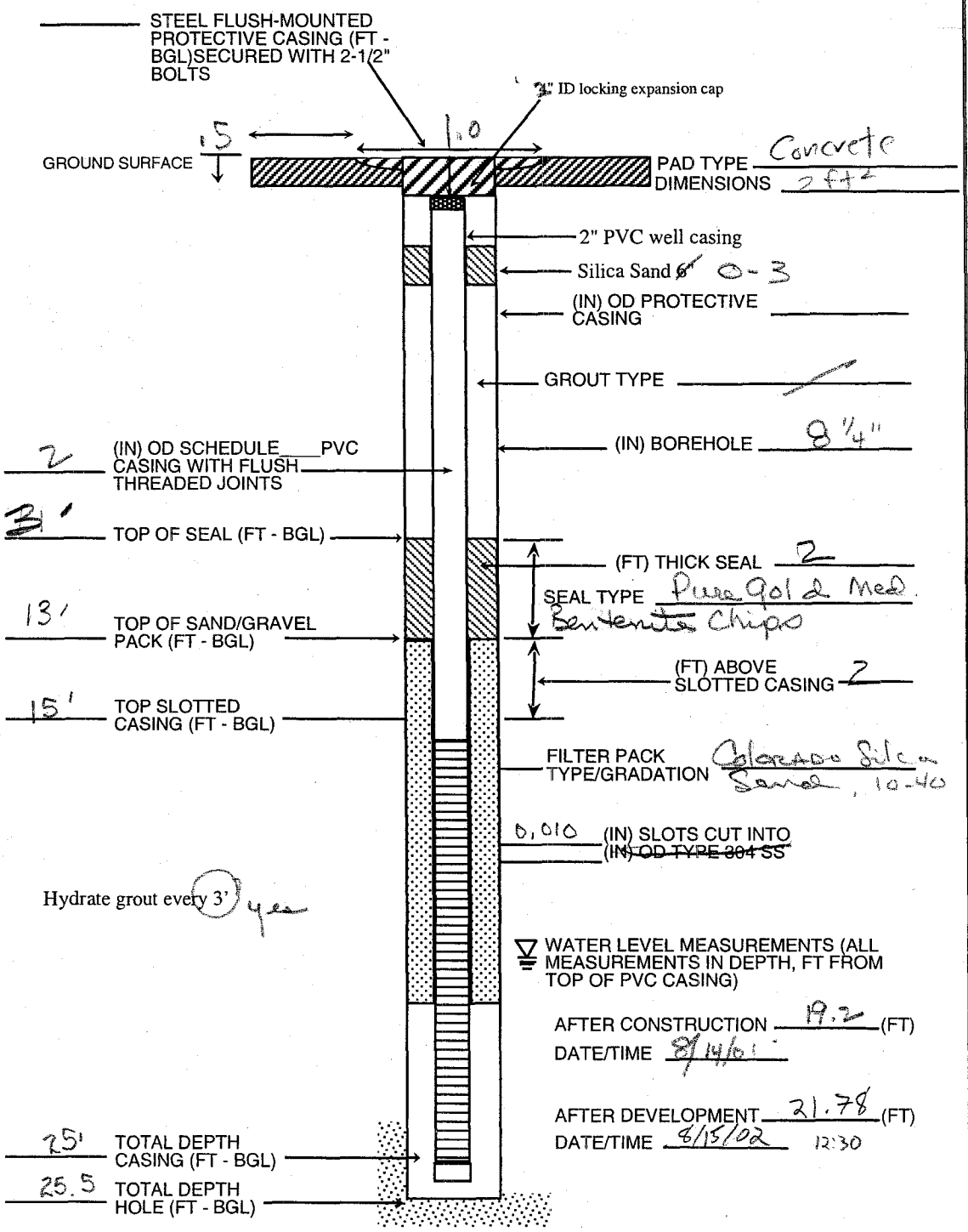
PROJECT NO.:	WELL NO.:	SHEET
1850574.260120	88-1	1 OF 1

PROJECT: Phase III RI | SITE: Northeast Cape, St.. Lawernce Island | CLIENT: USACE | GEOLOGIST: McLean

DATE: 8/14/02 | WEATHER: Cldy | LOCATION COORDINATES: 96392.8914 (Northing) 98080.4499 (Easting) | ELEVATION DATUM: MSL (MSL/Other)

DRILLING METHOD: Hollow -Stem Auger | BORING SIZE: 8¼" | RIG TYPE: CME 45 | DRILLER/ COMPANY: Discovery

SURVEYED ELEVATIONS | GROUND SURFACE: 82.29 | TOP OF PROTECTIVE CASING: 82.29 | TOP OF PVC CASING: 81.89



WELL SAMPLED? ☒ YES ☐ NO

QUANTITY MATERIALS USED:

Bentonite(lbs)	140
Sand(lbs)	380
Grout(lbs)	
Screen(ft)	10'
Blank Casing(ft)	15'
Bottom Cap(ea)	1
Top Cap(ea)	1
Flush Mount	Yes
Protective Casing (ft)	
Lock	0911
MISC.:	

NOTES

MONTGOMERY WATSON
Anchorage, Alaska

SOIL BORING LOG

PROJECT NO.: 185745 260120 | BORING NO.: 88-2 | SHEET 1 OF 1

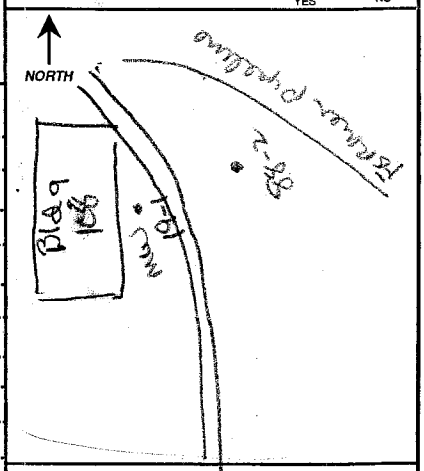
PROJECT: Phase III RI | SITE: Northeast Cape, St. Lawernce Is | CLIENT: USACE - Alaska | GEOLOGIST: McLean

DATE: 8/4/02 | WEATHER: Cldy. WINDY | AK STATE PLANE COORDINATES: 96455.0726 (Northing) 98257.8812 (Easting) | ELEVATION DATUM: MSL

DRILLING METHOD: HSA | BORING SIZE: 8 1/4 | HAMMER DROP (IN/LBS): 305/360 | RIG TYPE: CME 45 | DRILLER/ COMPANY: Discovery

SAMPLES: 2 | SAMPLE TYPE: grab | SAMPLER TYPE/DIAMETER: 2½" SS | TOTAL DEPTH (FT): 19.0 | DEPTH TO SWL (FT): 14.5 | TOP OF HOLE ELEVATION: 71.18

WELL COMPLETED? ☒ YES ☐ NO



LOCATION SKETCH

DEPTH (FEET)	BLOWS (6 IN.)	% GRAVEL	% SAND	% FINES	MAX SIZE (IN)	SOIL CLASS	GRAPHIC LOG	SAMPLE TIME	SAMPLE INTERVAL	SOIL DESCRIPTION (ASTM 2488)
0						SP		1620		Fill, crushed/broken rock w/ sandy fines PID 0
1										
2										
3	8 7 6		90	10		SM		1630		88-2 (2.5-5.0); Dark brown sand w fines PID = 19.0
4	6 6 5							(1)		NO ODOR, NO STAINING
5	5 5 5									
6	5					SM		1640		88-2 (5-7.5) No change PID = 29.8
7	7							(2)		NO ODOR, NO STAINING
8	6									88-2 (7.5-10.0) PID = 30.9
9	9 7 6					SM		(3) 1645		LAB 02 NE 88 SB 003 NO ODOR NO STAINING
10										88-2 (10-12.5)
11	9 8							(4) 1700		Poor Recovery; Rock in Shoe
12	12 20									NO ODOR 10 PID 13.8 LAB 02 NE 88 SB 004
13								1710		Saturated No recovery
14										▽ 14.5
15										
16										
17										
18										▽ 18.0
19										
20										
21										

WELL CONSTRUCTION LOG

MONTGOMERY WATSON Anchorage, Alaska

PROJECT NO.:	WELL NO.:	SHEET
1850574.260120	MW 88-2	1 OF 1

PROJECT: Phase III RI | SITE: Northeast Cape, St.. Lawernce Island | CLIENT: USACE | GEOLOGIST: McLean

DATE: 8/14/02 | WEATHER: Cldy, Windy | LOCATION COORDINATES: 96455.0726 (Northing) 98257.8812 (Easting) | ELEVATION DATUM: MSL (MSL/Other)

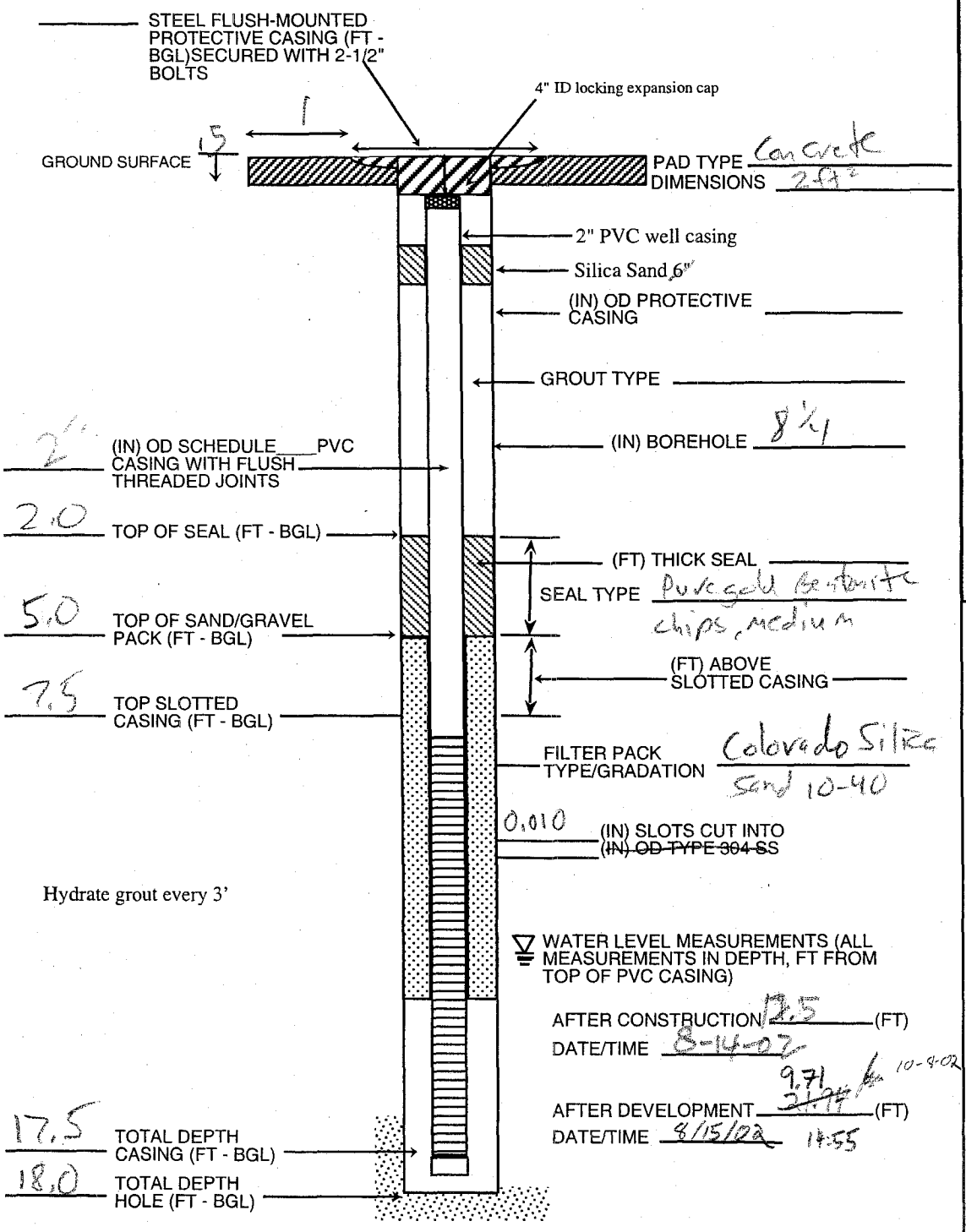
DRILLING METHOD: Hollow -Stem Auger | BORING SIZE: 8¼ | RIG TYPE: CME 45 | DRILLER/ COMPANY: Discovery

SURVEYED ELEVATIONS | GROUND SURFACE: 71.18 | TOP OF PROTECTIVE CASING: 71.18 | TOP OF PVC CASING: 70.88

WELL SAMPLED? ☒ YES ☐ NO

QUANTITY MATERIALS USED:

Bentonite(lbs)	120
Sand(lbs)	320
Grout(lbs)	—
Screen(ft)	10
Blank Casing(ft)	8
Bottom Cap(ea)	1
Top Cap(ea)	1
Flush Mount	yes
Protective Casing (ft)	
Lock	1
MISC.:	



NOTES

MONTGOMERY WATSON
Anchorage, Alaska

SOIL BORING LOG

PROJECT NO.: 185574 260180 | BORING NO.: 88-3 | SHEET 1 OF

PROJECT: Phase III RI | SITE: Northeast Cape, St. Lawernce Is | CLIENT: USACE - Alaska | GEOLOGIST: O'Connell ~~McLean~~

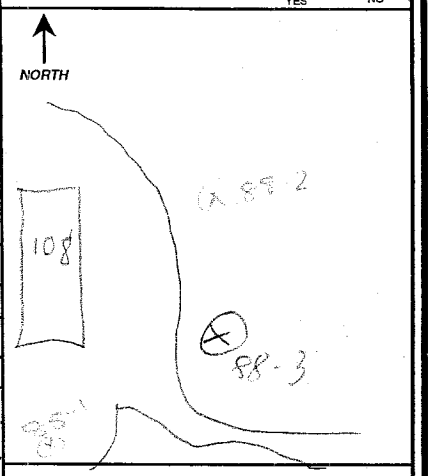
DATE: 8/15/02 | WEATHER: Cloudy, Windy ≈ 30kts | AK STATE PLANE COORDINATES: 96458.3595 (Northing) 98169.9701 (Easting) | ELEVATION DATUM: MSL

DRILLING METHOD: Hollow Stem Auger | BORING SIZE: 8 1/4" | HAMMER DROP (IN/LBS): 30/360 | RIG TYPE: CME 75 | DRILLER/ COMPANY: Discovery

SAMPLES: 2 | SAMPLE TYPE: Grab | SAMPLER TYPE/DIAMETER: 2" SS | TOTAL DEPTH (FT): 20' | DEPTH TO SWL (FT): 15.5' | TOP OF HOLE ELEVATION: 77.75

DEPTH (FEET)	BLOWS (6 IN.)	GRAIN SIZE % GRAVEL	% SAND	% FINES	MAX SIZE (IN)	SOIL CLASS	GRAPHIC LOG	SAMPLE TIME	SAMPLE INTERVAL	SOIL DESCRIPTION (ASTM 2488)
0						SP				Fill - Rocks + gravel
1										
2										
3										
4	5					SW		1155		No odor - greyish brown angular gravel .5 - 1.5 inches gravel ≈ 30%
5	5									
6	6									
	5									PID - 67.7
										~~LAB~~ 02 NE 88 SB005
7										NR recovery
8	50							1203		No Recovery - Rock PID = 42.4
9										
10	50							1210		No Recovery - Rock
11										
12	21							1221		No Recovery - Rock
	15									PID = 44.9
13	12									Continued 8-17-02
	16									
14	9					SP		1110		Broken Drive line on Drill Rig shutdown for the day
	14									
15	12									← Grey Sandy - Strong odor Broken Rock Drilling Resumed 8-17-02
	10									
16	14									PID = 79.8
17	23					SP				Grey Sandy Slight odor Angular rocks ≈ 1-2" LAB ID 02 NE 88 SB06
	21									02NE88SB306(FD) 02NE88SB306(04)
18	21					▽				Water on system not evident M Samples
										PID = 185.8
19										
20										bottom
21										Contained (4) & (5) for LAB Samples

WELL COMPLETED? YES ☒ NO ☐



LOCATION SKETCH

WELL CONSTRUCTION LOG

MONTGOMERY WATSON Anchorage, Alaska

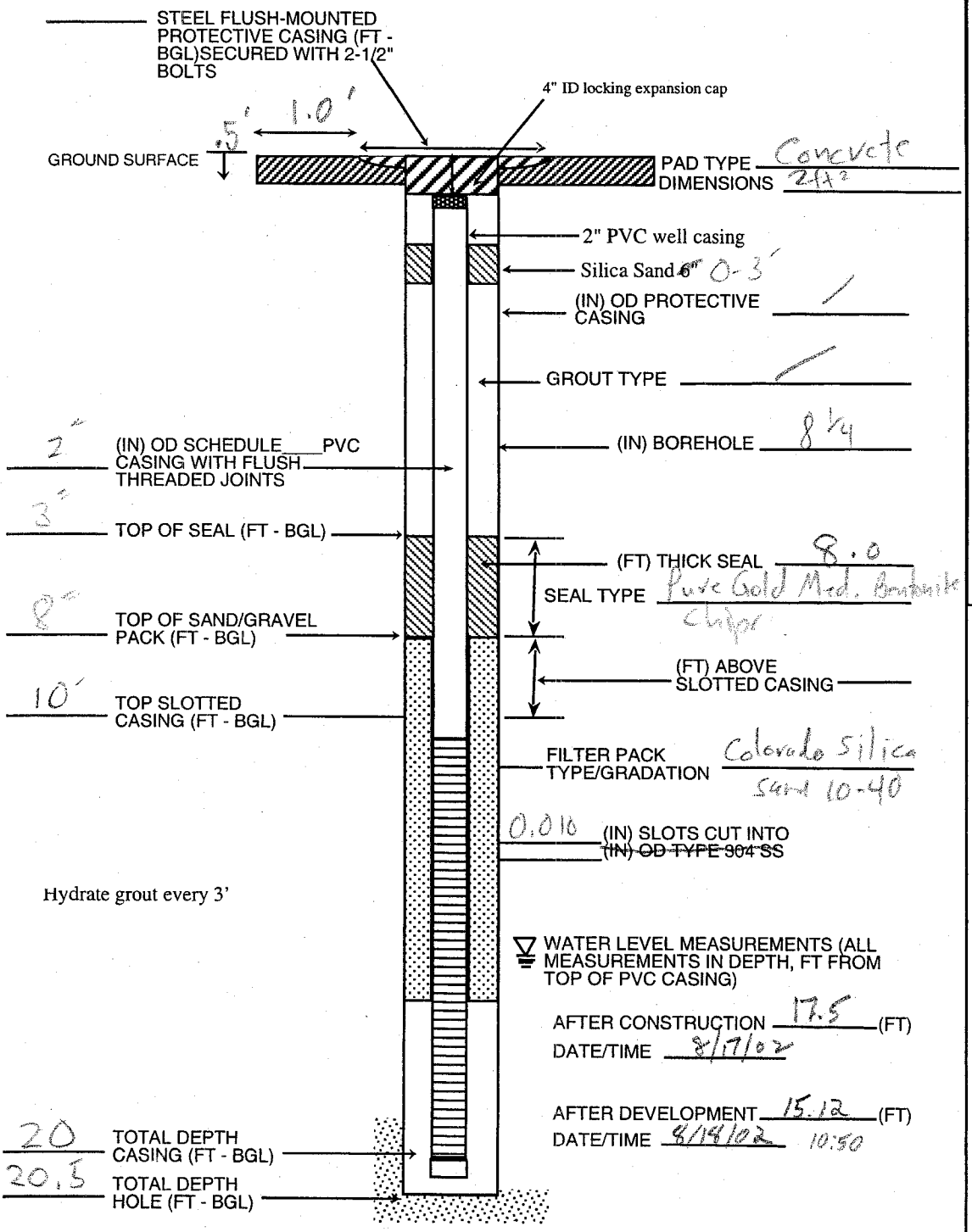
PROJECT NO.:	WELL NO.:	SHEET
1850574.260120	88-3	1 OF 1

PROJECT: Phase III RI | SITE: Northeast Cape, St.. Lawernce Island | CLIENT: USACE | GEOLOGIST: O'Connell ~~McLean~~

DATE: 8/17/02 | WEATHER: Cloudy | LOCATION COORDINATES: 96458.3585 (Northing) 98169.9401 (Easting) | ELEVATION DATUM: MSL (MSL/Other)

DRILLING METHOD: Hollow -Stem Auger | BORING SIZE: 8 1/4 | RIG TYPE: CME 45 | DRILLER/ COMPANY: Discovery

SURVEYED ELEVATIONS | GROUND SURFACE: 77.75 | TOP OF PROTECTIVE CASING: 77.75 | TOP OF PVC CASING: 77.35



WELL SAMPLED? [X] YES [ ] NO

QUANTITY MATERIALS USED:

Bentonite(lbs)	150
Sand(lbs)	330
Grout(lbs)	-
Screen(ft)	10
Blank Casing(ft)	10
Bottom Cap(ea)	1
Top Cap(ea)	1
Flush Mount	1
Protective Casing (ft)	
Lock	1
MISC.:	

NOTES

MONTGOMERY WATSON
Anchorage, Alaska

SOIL BORING LOG

PROJECT NO.: 185079 4012P | BORING NO.: 88-5 | SHEET 1 OF 2

PROJECT Phase III R1 | SITE Northeast Cape, St. Lawernce Is | CLIENT USACE - Alaska | GEOLOGIST McLean OConnell

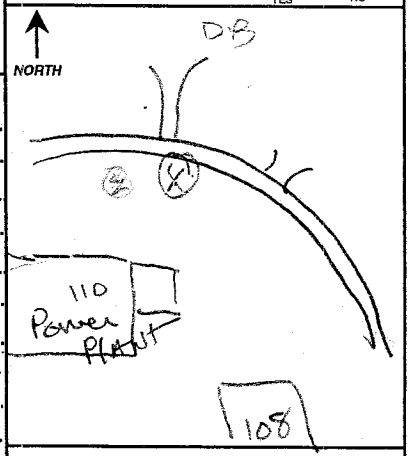
DATE 8/19/02 | WEATHER Clay WINDY | AK STATE PLANE COORDINATES 96216.7210 (Northing) 98792.1088 (Easting) | ELEVATION DATUM MSL

DRILLING METHOD HSA | BORING SIZE 8 1/4" | HAMMER DROP (IN/LBS) 30/300 | RIG TYPE CME 45 | DRILLER/ COMPANY Discovery

SAMPLES 2 | SAMPLE TYPE Grab | SAMPLER TYPE/DIAMETER 2'55 | TOTAL DEPTH (FT) 16.5 | DEPTH TO SWL (fT) 11.0' | TOP OF HOLE ELEVATION 68.37

DEPTH (FEET)	BLOWS (6 IN.)	GRAIN SIZE % GRAVEL	% SAND	% FINES	MAX SIZE (IN)	SOIL CLASS	GRAPHIC LOG	SAMPLE TIME	SAMPLE INTERVAL	SOIL DESCRIPTION (ASTM 2488)
21	10					SP		2000		Brown sandy with crushed rock
	4									No odor
22	3									02NE&SB009 PID=
	6									
23										No Recovery
										Rock in Soil Cap
24										
25	5					PT		2015		Organic Peat some sand
	11									strong odor PID=
26	6									Very Dense
	5									
27	4					PT		2020		Organic Peat grading to grey sand at 27 ft
	6									Fine sand
28	5									Odor in Peat, Not in sand PID=
	9									
29	6					SW		2025		Greenish grey faint odor Fine sand
	6									PID=
30	5									
	7									
31	11							2030		Dark grey Course sand, wet - No odor
	9					SW				02NE&SB010
32	8									Water @ 11 ft
	10									
33										
34										
35										02NE&SB009 1.0-3.0
36										Bottom of Well 02NE&SB010 11.0-13.0
37										DF 16
38										
39										
240										
241										
242										

WELL COMPLETED? YES ☒ NO ☐



LOCATION SKETCH

MONTGOMERY WATSON Anchorage, Alaska

WELL CONSTRUCTION LOG

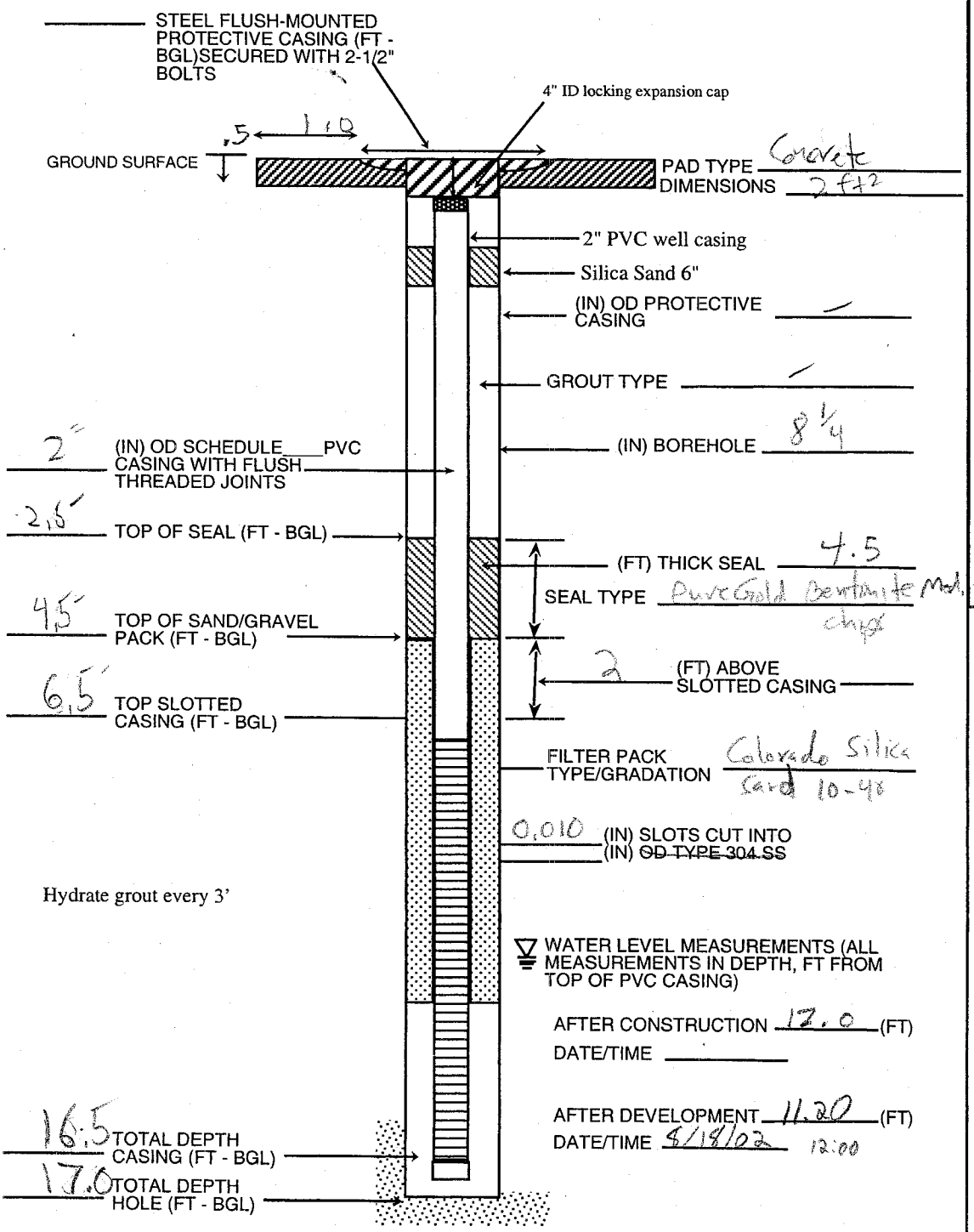
PROJECT NO.:	WELL NO.:	SHEET
1850574.260120	88-4	1 OF 1

PROJECT: Phase III RI | SITE: Northeast Cape, St.. Lawernce Island | CLIENT: USACE | GEOLOGIST: O'Connell McLean

DATE: 8/14/02 | WEATHER: Partly cloudy | LOCATION COORDINATES: 9633.1320 (Northing) 98365.8078 (Easting) | ELEVATION DATUM: MSL

DRILLING METHOD: Hollow-Stem Auger | BORING SIZE: 8-1/4 | RIG TYPE: HSA | DRILLER/COMPANY: Discovery | (MSL/Other)

SURVEYED ELEVATIONS | GROUND SURFACE: 68.63 | TOP OF PROTECTIVE CASING: 68.63 | TOP OF PVC CASING: 68.23



WATER LEVEL MEASUREMENTS (ALL MEASUREMENTS IN DEPTH, FT FROM TOP OF PVC CASING)

AFTER CONSTRUCTION 12.0 (FT)
DATE/TIME

AFTER DEVELOPMENT 11.20 (FT)
DATE/TIME 8/19/02 12:00

WELL SAMPLED? ☒ YES ☐ NO

QUANTITY MATERIALS USED:

Bentonite(lbs)	100
Sand(lbs)	430
Grout(lbs)	–
Screen(ft)	10
Blank Casing(ft)	7
Bottom Cap(ea)	1
Top Cap(ea)	1
Flush Mount	
Protective Casing (ft)	
Lock	1
MISC.:	

NOTES

MONTGOMERY WATSON
Anchorage, Alaska

SOIL BORING LOG

PROJECT NO.: 1805T4 260120 | BORING NO.: 88-4 | SHEET 1 OF

PROJECT: Phase III RI | SITE: Northeast Cape, St. Lawernce Is | CLIENT: USACE - Alaska | GEOLOGIST: O'Connell ~~McLean~~

DATE: 8/ /02 | WEATHER: Pt. clds | AK STATE PLANE COORDINATES: 96331.1320 (Northing) 98365.8076 (Easting) | ELEVATION DATUM: MSL

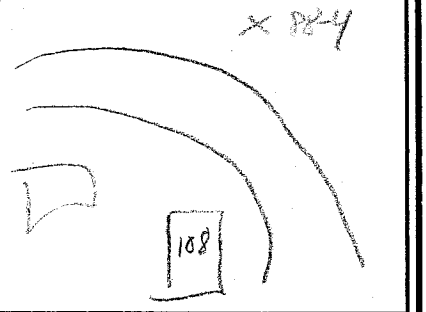
DRILLING METHOD: HSA | BORING SIZE: 8" | HAMMER DROP (IN/LBS): 30/366 | RIG TYPE: CME 45 | DRILLER/ COMPANY: Discovery

SAMPLES: 2 | SAMPLE TYPE: grab | SAMPLER TYPE/DIAMETER: 2" SS | TOTAL DEPTH (FT): 17' | DEPTH TO SWL (FT): 15.5 | TOP OF HOLE ELEVATION: 18.63

WELL COMPLETED? YES ☒ NO ☐

DEPTH (FEET)	BLOWS (6 IN.)	GRAIN SIZE: % GRAVEL	% SAND	% FINES	MAX SIZE (IN)	SOIL CLASS	GRAPHIC LOG	SAMPLE: TIME	INTERVAL	SOIL DESCRIPTION (ASTM 2488)
0						SP				Fill - Rocks ≥ 6"-10" gravel
1										
2										
3	4					SP		1300		- Brown Moist Slight odor
(1) 4	8 12									Angular Rocks ≤ 1" Some Sand ≤ 20% Fine gravel
	6									PID = 236
5										
6										
7	4					PT		1315		Dark Brown Native Soil & organic material - Peat
(2) 8	6 3 4									some Sand < 10% Slight odor PID = 248
9	6					PT		1320		Peat Dark Brown Organic Matter on Top to
(3) 10	9 10 9									Sandy grey with strong odor & rocks Segments ≤ 1" towards bottom 10-11' bgs PID = 284
11	12					SM		1330		grey Sandy Soil, Slight odor
(4) 12	12 12									Rocks ≤ .5-1" No organic Matter Sand ≈ 75% PID = 440
	14					▽				Wet at 13' bgs
13	15					=		1340		Wet Sands - Strong odor
(5) 14	12 19 15					SM				Rocks ≤ 1" Angular & subangular Grey in color Sand ≈ 75% PID = 424 Dry Sands at 15' - strong odor
15										
16										
17										Auger Refusal Bottom of Hole
18										DT 17 02NE88SB00T = #3 1320 9-11.0 02NE88SB08 = #4 1330 11-13.0
19										
20										
21										

NORTH



LOCATION SKETCH

MONTGOMERY WATSON Anchorage, Alaska

WELL CONSTRUCTION LOG

PROJECT NO.:	WELL NO.:	SHEET
1850574.260120	88-5	1 OF 1

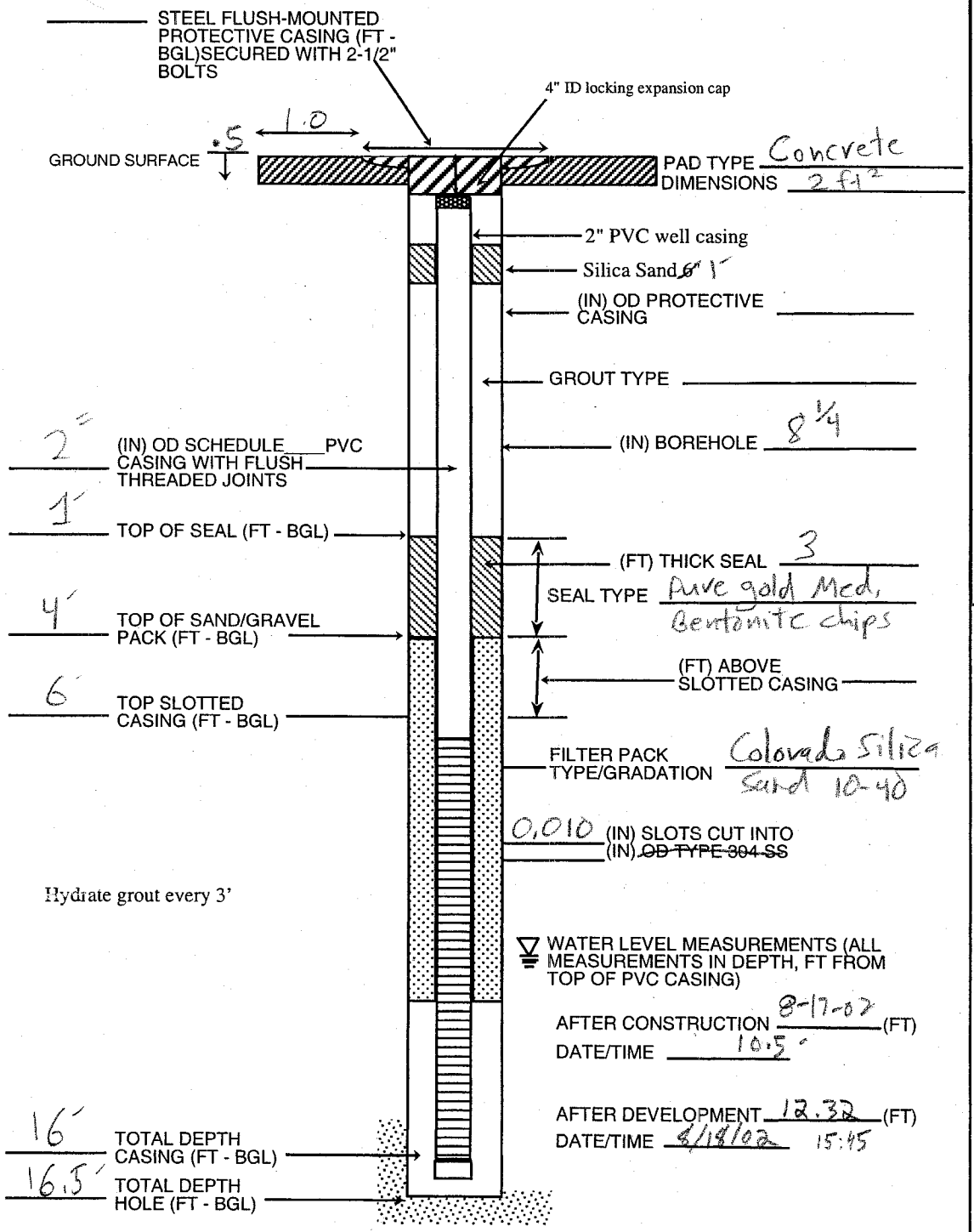
PROJECT: Phase III RI | SITE: Northeast Cape, St.. Lawernce Island | CLIENT: USACE | GEOLOGIST: O'Connell McLean

DATE: 8/17/02 | WEATHER: Clouds, Rain Wind | LOCATION COORDINATES: 96216.7210 (Northing) 98292.1088 (Easting) | ELEVATION DATUM: MSL (MSL/Other)

DRILLING METHOD: Hollow -Stem Auger | BORING SIZE: 8 1/4 | RIG TYPE: HSA | DRILLER/COMPANY: Discovery

SURVEYED ELEVATIONS: GROUND SURFACE 68.37 | TOP OF PROTECTIVE CASING 68.37 | TOP OF PVC CASING 67.87

WELL SAMPLED? [X] YES [ ] NO



QUANTITY MATERIALS USED:

Bentonite(lbs)	100
Sand(lbs)	300
Grout(lbs)	—
Screen(ft)	10
Blank Casing(ft)	6
Bottom Cap(ea)	1
Top Cap(ea)	1
Flush Mount	yes
Protective Casing (ft)	0
Lock	1
MISC.:	

NOTES

MONTGOMERY WATSON
Anchorage, Alaska

SOIL BORING LOG

PROJECT NO.: 18505 2/4 260120

BORING NO.: MW 88-6

SHEET 1 OF

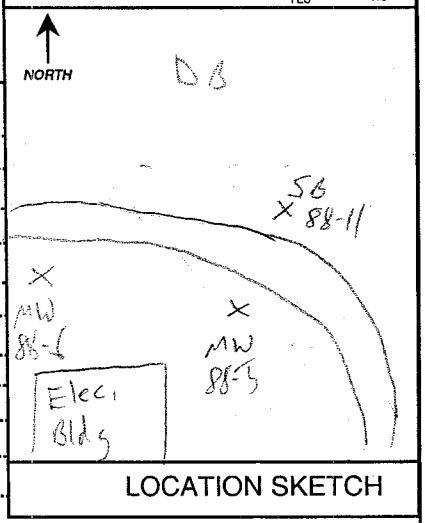
PROJECT: Phase III RI | SITE: Northeast Cape, St. Lawernce Is | CLIENT: USACE - Alaska | GEOLOGIST: OConnell ~~McLean~~

DATE: 8/18/02 | WEATHER: Partly cldy | AK STATE PLANE COORDINATES: 96140.1497 (Northing) 98271.8042 (Easting) | ELEVATION DATUM: MSL

DRILLING METHOD: HSA | BORING SIZE: 8¼ | HAMMER DROP (IN/LBS): 30-360 | RIG TYPE: CME 45 | DRILLER/ COMPANY: Discovery

SAMPLES | SAMPLE TYPE: Grab | SAMPLER TYPE/DIAMETER: 2" SS | TOTAL DEPTH (FT): 15.5 | DEPTH TO SWL (FT): 10.85 | TOP OF HOLE ELEVATION: 69.13

WELL COMPLETED? ☒ YES ☐ NO



LOCATION SKETCH

SOIL DESCRIPTION
(ASTM 2488)

DEPTH (FEET)	BLOWS (6 IN.)	GRAIN SIZE: % GRAVEL	% SAND	% FINES	MAX SIZE (IN)	SOIL CLASS	GRAPHIC LOG	SAMPLE: TIME	INTERVAL	SOIL DESCRIPTION
0						SP				Fill - Rocky angular 3"-5"
1										
2										
3	4					SM		1130		No odor PID 125
	4									grayish brown
4	3									Silt with fine sand
	4									
5	16							1140		-Geotech Sample 4-6' PID 90.8
	7									LAB# 02NE885B41
6	6					SM				No odor - Gryesish Brown
	4									Silt with fine sand
7	3							1145		-Strong odor PID 185 02NE885B011
	3					SP				Sand & gravels unconsolidated
8	3									
	4									
9	8					SM		1150		Moist, Dense silt & Fine Sand PID 52.5
	9									Grey No odor
10	8									
	7									
11	11							1155		Sand & gravel, grey ish Brown, Moist, unconsolidated PID 111
	11					SP				strong odor 02NE885B012
12	11									
	7									H_2O = 10.85 8-18-02 @ 1430
13										
14										
15										bottom DT 15.5
16										
17										
18										
19										
20										
21										

MONTGOMERY WATSON
Anchorage, Alaska

SOIL BORING LOG

PROJECT NO.: 18505 2601.20 | BORING NO.: MW88-7 | SHEET 1 OF 1

PROJECT: Phase III RI | SITE: Northeast Cape, St. Lawrence Is | CLIENT: USACE - Alaska | GEOLOGIST: ~~McLean~~ O'Connell

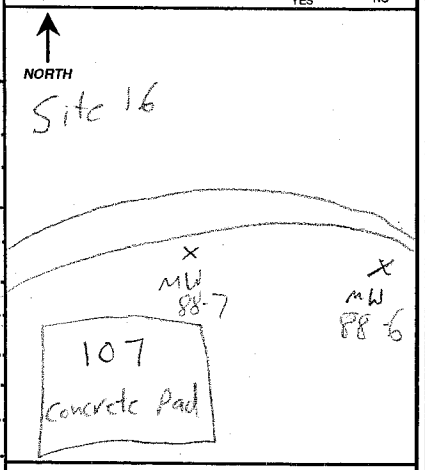
DATE: 8/18/02 | WEATHER: Partly cloudy | AK STATE PLANE COORDINATES: 96033.1581 (Northing) 98271.2457 (Easting) | ELEVATION DATUM: MSL

DRILLING METHOD: HSA | BORING SIZE: 8 1/4 | HAMMER DROP (IN/LBS): 30/360 | RIG TYPE: CME 45 | DRILLER/ COMPANY: Discovery

SAMPLES: 2 | SAMPLE TYPE: Grab | SAMPLER TYPE/DIAMETER: 2" SS | TOTAL DEPTH (FT): 19.5 | DEPTH TO SWL (FT): 14.5' | TOP OF HOLE ELEVATION: 72.83

DEPTH (FEET)	BLOWS (6 IN.)	GRAIN SIZE % GRAVEL	% SAND	% FINES	MAX SIZE (IN)	SOIL CLASS	GRAPHIC LOG	SAMPLE TIME	SAMPLE INTERVAL	SOIL DESCRIPTION (ASTM 2488)
0						SP				Fill - Crushed Rock + Sand
1										
2										
3 (1)	19					SP		1320		Crushed Rock + Sand
	52									No odor, Dry
4	X									PID = 600
5 (2)	X					SW		1330		Brown Sand No odor
	8									
6	6									PID = 332
	9									
7 (3)	13					SP		1335		odor, Crushed Rock + Sand, Brown-grey
	19									
8	17									PID = 695 ODNE88SB013
	10									
9	9					SP		1342		Grey - Crushed Rock + Sand
	9									
10 (4)	11									odor
	11									PID = 480
11	10									
	9					SP		1350		Grey Sand + Gravel
12 (5)	6									odor
	5									PID = 629
	14									ODNE88SB014
13	17					SM		1355		Moist Grey Sand + Silt
	5									odor
14 (6)	6									PID = 477
	7									
15										
16										
17										
18										
19										Bottom 19.0'
20										
21										

WELL COMPLETED? YES ☒ NO ☐



LOCATION SKETCH

MONTGOMERY WATSON Anchorage, Alaska

WELL CONSTRUCTION LOG

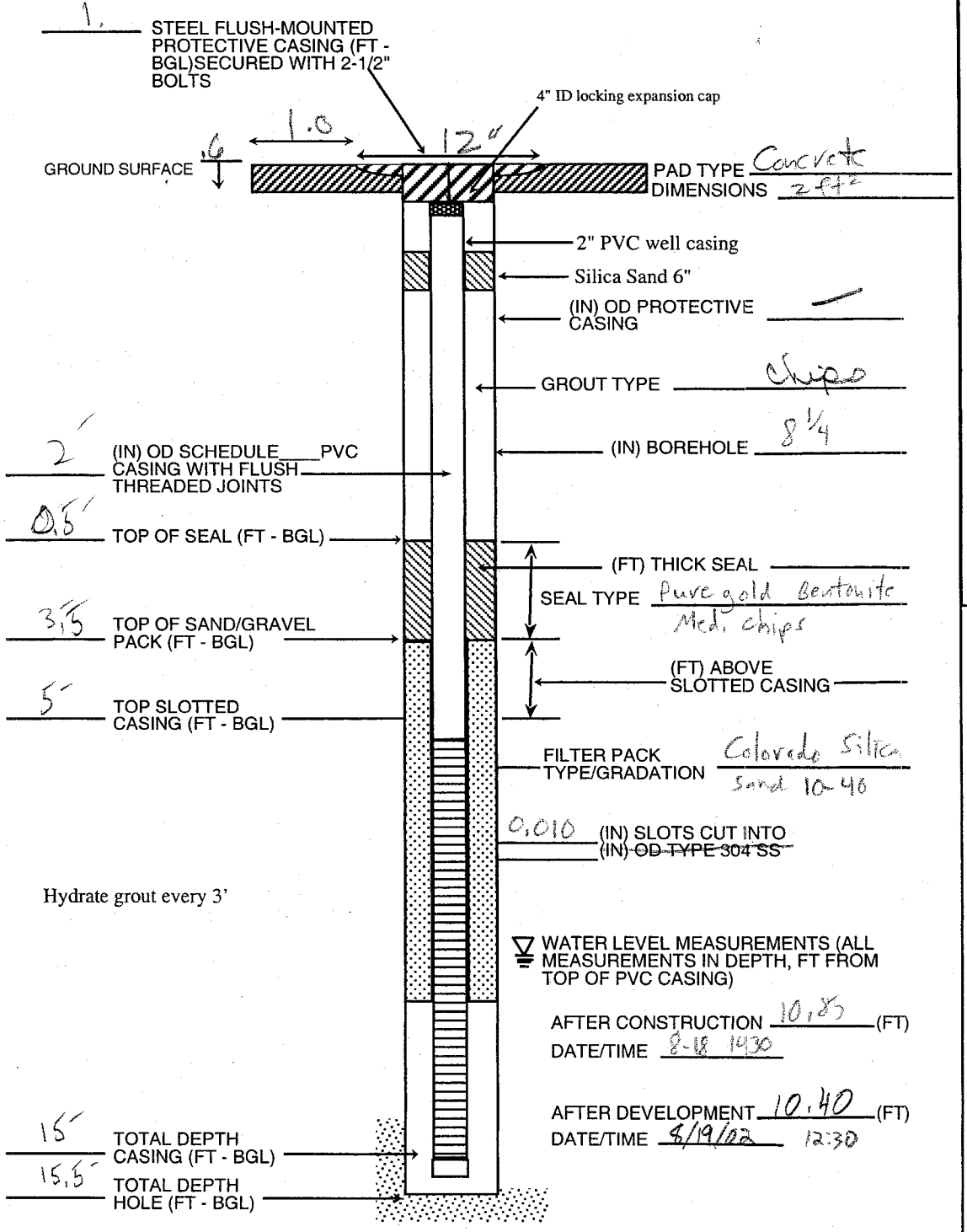
PROJECT NO.:	WELL NO.:	SHEET
1850574.260120	88-6	1 OF 1

PROJECT: Phase III RI | SITE: Northeast Cape, St.. Lawernce Island | CLIENT: USACE | GEOLOGIST: ~~McLean~~ O'Connell

DATE: 8/ 18 /02 | WEATHER: Partly Cloudy | LOCATION COORDINATES: 96190.1494 (Northing) 98271.4042 (Easting) | ELEVATION DATUM: MSL (MSL/Other)

DRILLING METHOD: Hollow -Stem Auger | BORING SIZE: | RIG TYPE: CME 45 | DRILLER/ COMPANY: Discovery

SURVEYED ELEVATIONS | GROUND SURFACE: 69.13 | TOP OF PROTECTIVE CASING: 69.13 | TOP OF PVC CASING: 68.83



WELL SAMPLED? ☒ YES ☐ NO

QUANTITY MATERIALS USED:

Bentonite(lbs)	100
Sand(lbs)	350
Grout(lbs)	—
Screen(ft)	10
Blank Casing(ft)	5.0
Bottom Cap(ea)	1
Top Cap (ea)	1
Flush Mount	1
Protective Casing (ft)	1
Lock	1
MISC.:	

NOTES

WELL CONSTRUCTION LOG

MONTGOMERY WATSON Anchorage, Alaska

PROJECT NO.:	WELL NO.:	SHEET
1850574.260120	88-7	1 OF 1

PROJECT: Phase III RI | SITE: Northeast Cape, St.. Lawernce Island | CLIENT: USACE | GEOLOGIST: ~~McLean~~ O'Connell

DATE: 8/18/02 | WEATHER: Partly cloudy | LOCATION COORDINATES: 96033.1581 (Northing) 98271.2457 (Easting) | ELEVATION DATUM: MSL (MSL/Other)

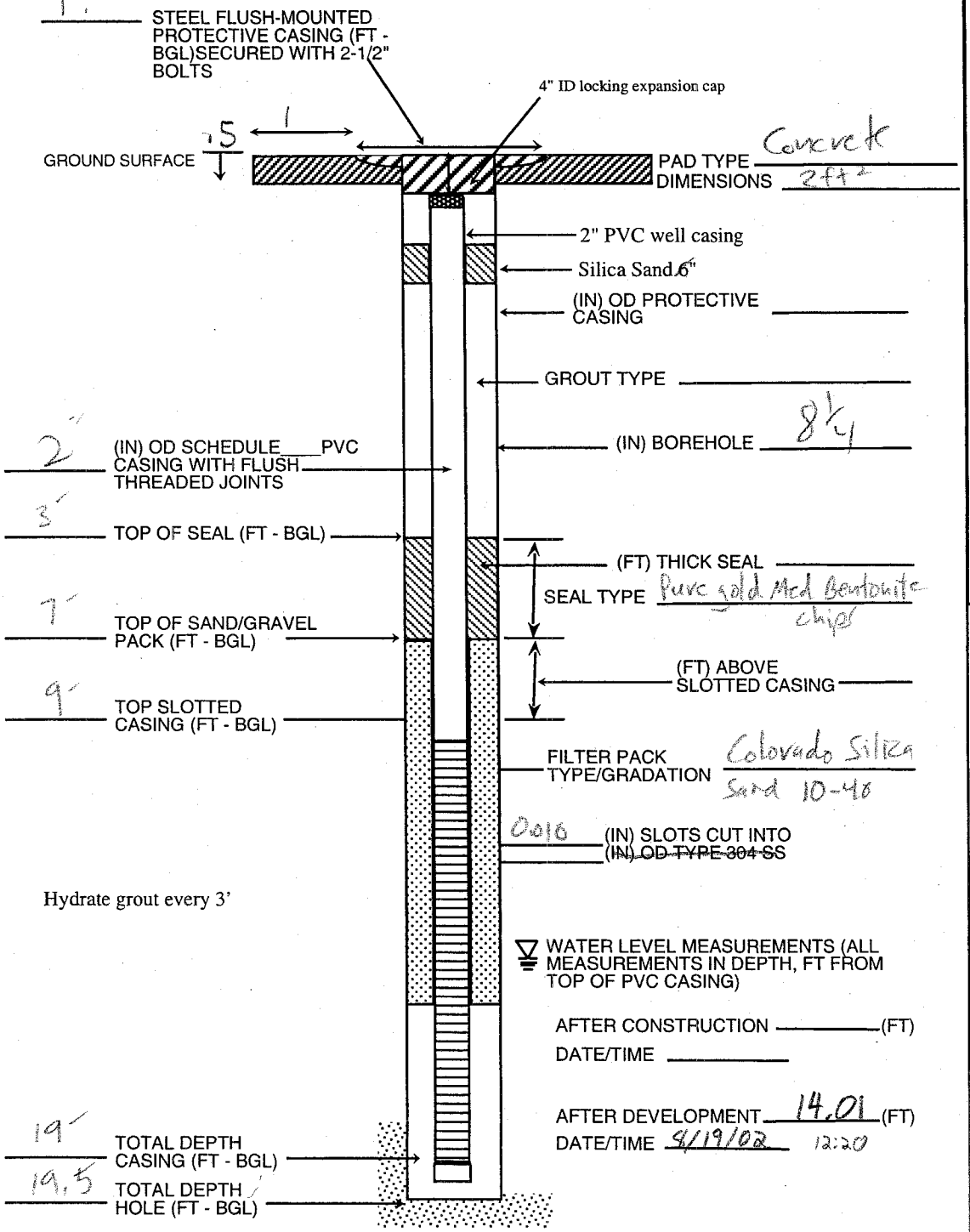
DRILLING METHOD: Hollow -Stem Auger | BORING SIZE: 8¼ | RIG TYPE: HSA | DRILLER/ COMPANY: Discovery

SURVEYED ELEVATIONS | GROUND SURFACE: 72.83 | TOP OF PROTECTIVE CASING: 72.83 | TOP OF PVC CASING: 72.33

WELL SAMPLED? [X] YES [ ] NO

QUANTITY MATERIALS USED:

Bentonite(lbs)	160
Sand(lbs)	400
Grout(lbs)	/
Screen(ft)	10
Blank Casing(ft)	9
Bottom Cap(ea)	1
Top Cap (ea)	1
Flush Mount	1
Protective Casing (ft)	
Lock	1
MISC.:	



WATER LEVEL MEASUREMENTS (ALL MEASUREMENTS IN DEPTH, FT FROM TOP OF PVC CASING)

AFTER CONSTRUCTION _____ (FT)

DATE/TIME _____

AFTER DEVELOPMENT 14.01 (FT)

DATE/TIME 9/19/02 12:20

NOTES

MONTGOMERY WATSON
Anchorage, Alaska

SOIL BORING LOG

PROJECT NO.: 185057.4 (200120) | BORING NO.: 88-8 | SHEET 1 OF 1

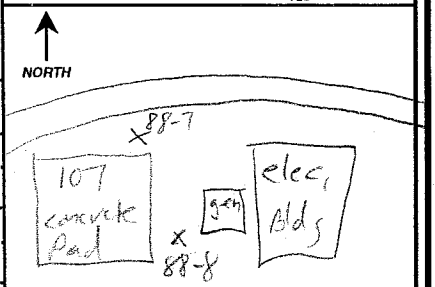
PROJECT: Phase III RI | SITE: Northeast Cape, St. Lawernce Is | CLIENT: USACE - Alaska | GEOLOGIST: O'Connell ~~McLean~~

DATE: 8/18/02 | WEATHER: Partly Cloudy | AK STATE PLANE COORDINATES: 96083.4889 (Northing) 98185.9420 (Easting) | ELEVATION DATUM: MSL

DRILLING METHOD: HSA | BORING SIZE: 8¼ | HAMMER DROP (IN/LBS): 30/360 | RIG TYPE: CME 45 | DRILLER/COMPANY: Discovery

SAMPLES | SAMPLE TYPE: GRAB | SAMPLER TYPE/DIAMETER: 2" HSA | TOTAL DEPTH (FT): 20.5' | DEPTH TO SWL (FT): 15.5' | TOP OF HOLE ELEVATION: 13.76

WELL COMPLETED? ☒ YES ☐ NO



LOCATION SKETCH

DEPTH (FEET)	BLOWS (6 IN.)	GRAIN SIZE % GRAVEL	% SAND	% FINES	MAX SIZE (IN)	SOIL CLASS	GRAPHIC LOG	SAMPLE TIME	SAMPLE INTERVAL	SOIL DESCRIPTION (ASTM 2488)
0						SP		1620		FILL Crushed Rock Angular ¾"-⅜"
1										
2										
3										
4	17					SP		1640		No odor, crushed Rock fill + Sand
(1) 5	15									unConsolidated PID =
	20									
	22									
6	22					SP		1648		odor - Crushed Rock, PID =
(2) 7	37									unconsolidated
	19									
	11									
8	15					SP		1653		odor, Dark staining in Crushed rock + Sand, grey
(3) 9	21									unconsolidated
	14									PID =
	12									
10	12					SP		1700		odor, Crushed rock + sand grey, unconsolidated
(4) 11	11									
	13									O2NE88SB015 PID = 1,248*
	9									
12	12					SP		1712		Strong odor, Crushed rock + Sand, unconsolidated
(5) 13	10									
	11									PID =
	9									
14	10					SM		1718		Grey Sand Wet, Strong odor
(6) 15	9									
	8					▽				O2NE88SB016 MS/MSD PID = >10,000*
	8									
16										
17										* PID Cal w/ memory
18										
19										
20										bottom DT 20.0
21										

WELL CONSTRUCTION LOG

MONTGOMERY WATSON Anchorage, Alaska

PROJECT NO.:	WELL NO.:	SHEET
1850574.260120	88-8	1 OF 1

PROJECT: Phase III RI | SITE: Northeast Cape, St.. Lawernce Island | CLIENT: USACE | GEOLOGIST: ~~McLean~~ O'Connell

DATE: 8/19/02 | WEATHER: Partly cloudy | LOCATION COORDINATES: 96083.4949 (Northing) 98185.9420 (Easting) | ELEVATION DATUM: MSL (MSL/Other)

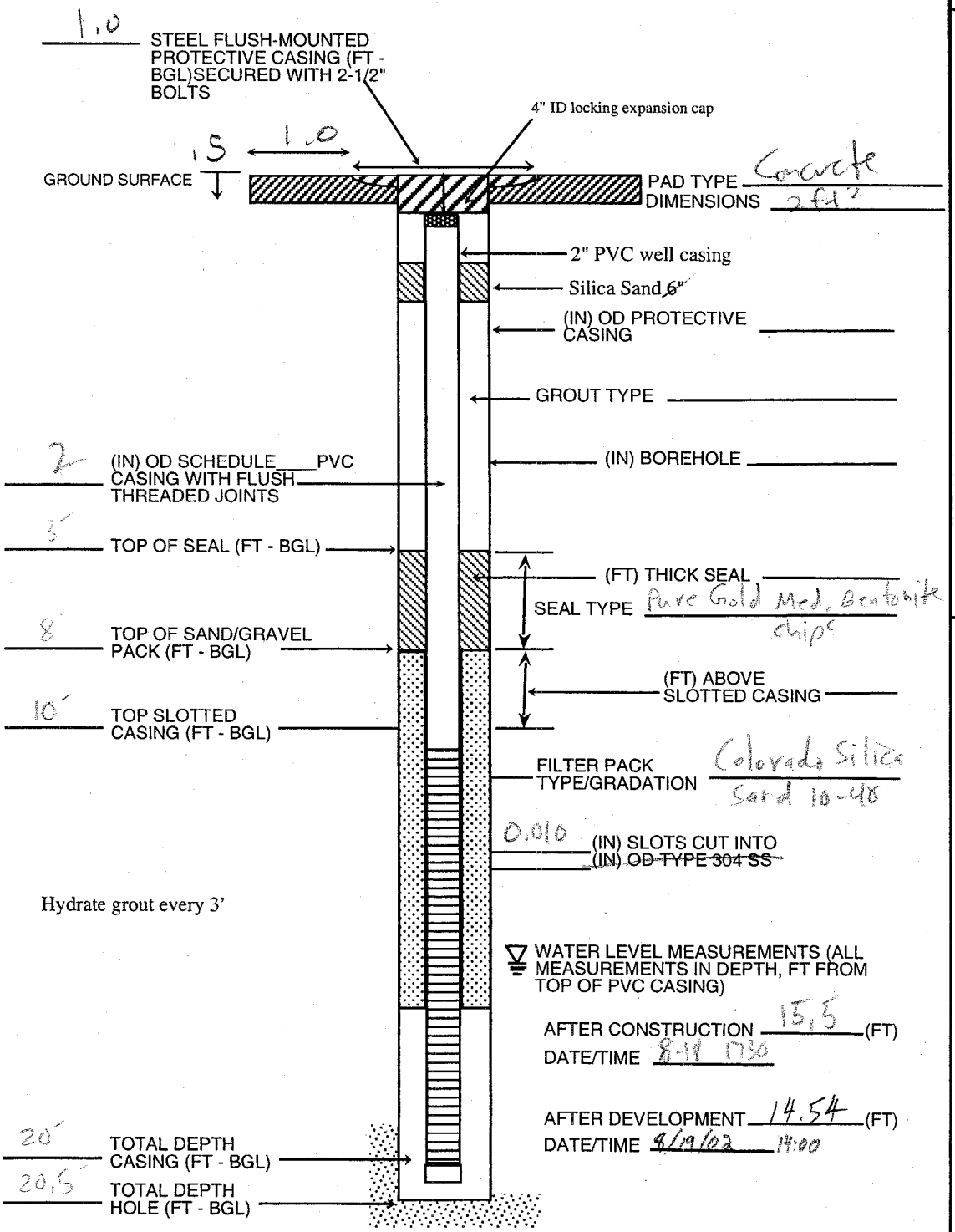
DRILLING METHOD: Hollow -Stem Auger | BORING SIZE: 8¼ | RIG TYPE: HSA | DRILLER/ COMPANY: Discovery

SURVEYED ELEVATIONS | GROUND SURFACE: 73.76 | TOP OF PROTECTIVE CASING: 73.76 | TOP OF PVC CASING: 73.46

WELL SAMPLED? ☒ YES ☐ NO

QUANTITY MATERIALS USED:

Bentonite(lbs)	160
Sand(lbs)	400
Grout(lbs)	—
Screen(ft)	10
Blank Casing(ft)	10
Bottom Cap(ea)	1
Top Cap (ea)	1
Flush Mount	1
Protective Casing (ft)	1
Lock	1
MISC.:	



WATER LEVEL MEASUREMENTS (ALL MEASUREMENTS IN DEPTH, FT FROM TOP OF PVC CASING)

AFTER CONSTRUCTION 15.5 (FT)
DATE/TIME 8-19 1730

AFTER DEVELOPMENT 14.54 (FT)
DATE/TIME 9/19/02 14:00

NOTES

MONTGOMERY WATSON
Anchorage, Alaska

SOIL BORING LOG

PROJECT NO.: | BORING NO.: 88-9 | SHEET 1 OF 2

PROJECT Phase III RI | SITE Northeast Cape, St. Lawernce Is. | CLIENT USACE - Alaska | GEOLOGIST ~~McLean~~ O'Connell

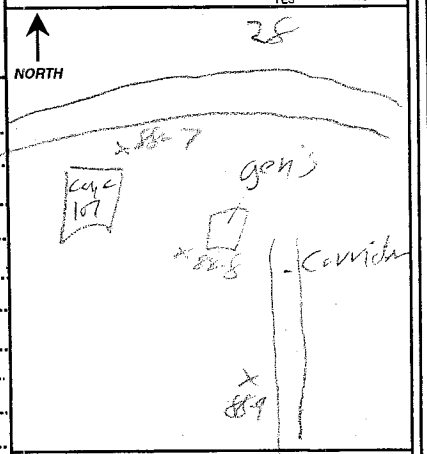
DATE 8/19/02 | WEATHER cloudy | AK STATE PLANE COORDINATES 96154.1887 (Northing) 9[illegible]4.5023 (Easting) | ELEVATION DATUM MSL

DRILLING METHOD HSA | BORING SIZE 8 1/4 | HAMMER DROP (IN/LBS) 30/360 | RIG TYPE CME 45 | DRILLER/ COMPANY Discovery

SAMPLES | SAMPLE TYPE Grab | SAMPLER TYPE/DIAMETER 2'SS | TOTAL DEPTH (FT) 25' | DEPTH TO SWL (ft) 20.0 | TOP OF HOLE ELEVATION 81.79

DEPTH (FEET)	BLOWS (6 IN.)	GRAIN SIZE % GRAVEL	% SAND	% FINES	MAX SIZE (IN)	SOIL CLASS	GRAPHIC LOG	SAMPLE TIME	SAMPLE INTERVAL	SOIL DESCRIPTION (ASTM 2488)
1						SP				Fill - Brown Silt, Crushed Rock Angular 3"-5" d.
2										
3										
4	27					SP		1255		Dry, Crushed Rock. No odor/staining
5	22									PID=
	29									
	30									
6	24					SP		1305		Crushed Rock, Dry, No odor/staining
7	24									
	17									PID=
	11									
8	17					SP		1310		Crushed Rock + Sand No odor/stain
9	14									02NE88SB017 MS/MSD PID= 2876*
	10									
10	8									
	7					SP		1315		Crushed Rock + Sand No odor/Stain
11	4									PID=
	5									
	7									-Geotech @ 11-13 02NE88SB042
12	16							1325		
13	36									No Recovery 12-14 - Rock in cap
	19									
14	12									
	12							1330		
15	8									No Recovery, No odor/Stain
	6									Rock in Cap
16	8									
	5					SP		1340		- Moist slough on top of Dry Crushed Rock
17	16									- No recovery Thin frenched Layer? thawed?
	14									
18	13									
	11					SP		1350		Crushed Rock + Sand No odor/Stain
19	10									PID=
	9									
	7									
20	7							1355		- Moist Sand + Crushed rock
21	17									
	14									02NE88SB018 PID=
22	18									
										Continued Next Page

WELL COMPLETED? YES ☒ NO ☐



LOCATION SKETCH

MONTGOMERY WATSON
Anchorage, Alaska

SOIL BORING LOG

PROJECT NO.: 18574 ~~130~~ 26012 | BORING NO.: 88-9 | SHEET 2 OF 2

PROJECT Phase III RI | SITE Northeast Cape, St. Lawernce Is | CLIENT USACE - Alaska | GEOLOGIST ~~McLean~~ O'Connell

DATE 8/19/02 | WEATHER | AK STATE PLANE COORDINATES (Northing) (Easting) | ELEVATION DATUM

DRILLING METHOD | BORING SIZE See pg. 1 | HAMMER DROP (IN/LBS) | RIG TYPE | DRILLER/ COMPANY Discovery

SAMPLES | SAMPLE TYPE | SAMPLER TYPE/DIAMETER | TOTAL DEPTH (FT) | DEPTH TO SWL (fT) | TOP OF HOLE ELEVATION

DEPTH (FEET)	BLOWS (6 IN.)	GRAIN SIZE % GRAVEL	% SAND	% FINES	MAX SIZE (IN)	SOIL CLASS	GRAPHIC LOG	SAMPLE TIME	SAMPLE INTERVAL	SOIL DESCRIPTION (ASTM 2488)
~~21~~ 21								1415		88-9 Continued
~~22~~ 22										
~~23~~ 23									X	Bottom @ 25'
~~24~~ 24										DT 25' 8"
~~25~~ 25										
~~26~~ 26										
~~27~~ 27										
~~28~~ 28										
29										
30										
31										
32										
33										
34										
35										
36										
37										
38										
39										
40										
41										
42										

WELL COMPLETED? [X] YES [ ] NO

NORTH

See pg. 1

LOCATION SKETCH

WELL CONSTRUCTION LOG

MONTGOMERY WATSON Anchorage, Alaska

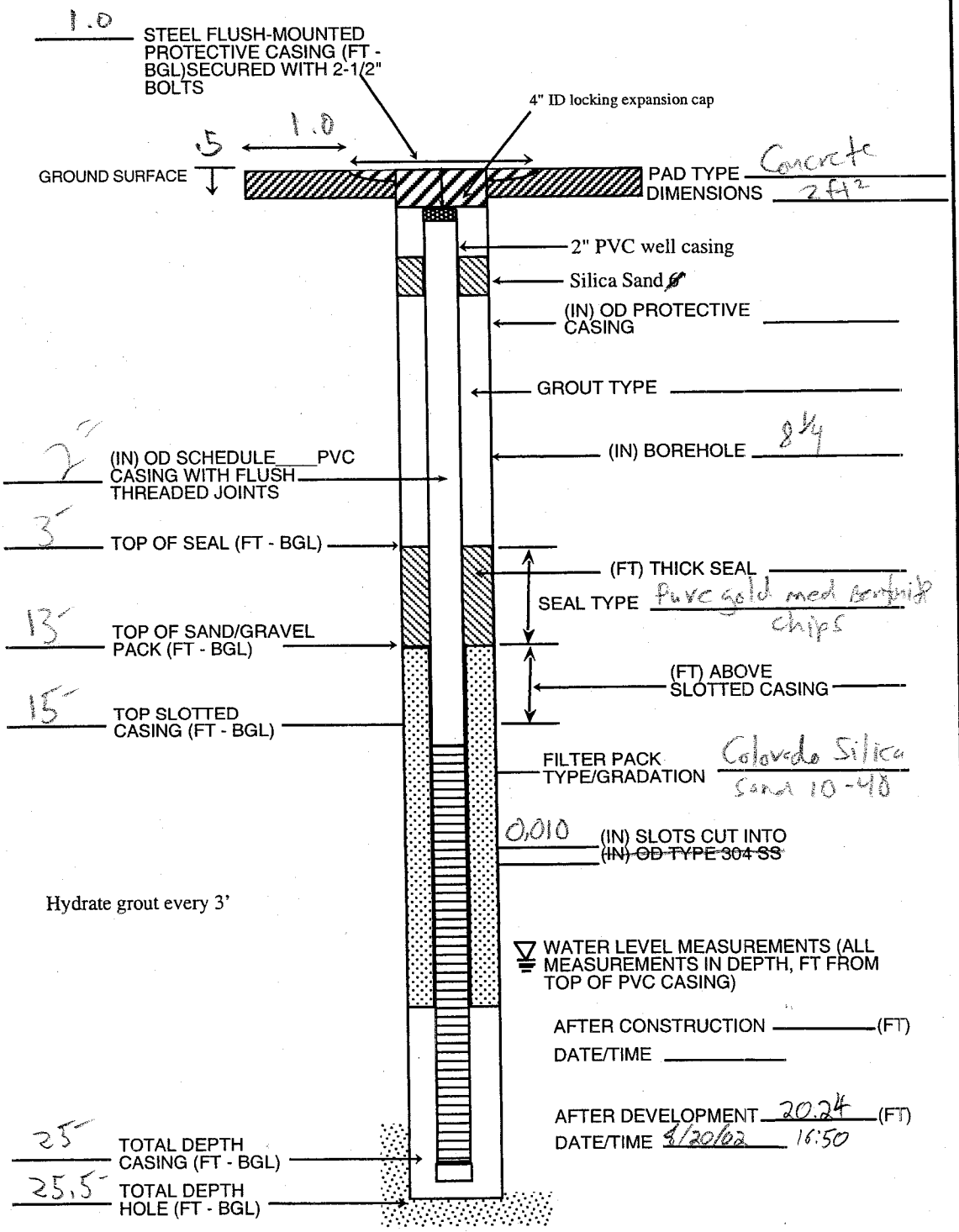
PROJECT NO.:	WELL NO.:	SHEET
1850574.260120	88-9	1 OF 1

PROJECT: Phase III RI | SITE: Northeast Cape, St.. Lawernce Island | CLIENT: USACE | GEOLOGIST: 06mar11 McLean

DATE: 8/19/02 | WEATHER: Cloudy | LOCATION COORDINATES: 96154.1887 (Northing) 98044.5023 (Easting) | ELEVATION DATUM: MSL (MSL/Other)

DRILLING METHOD: Hollow -Stem Auger | BORING SIZE: 8¼ | RIG TYPE: HSA | DRILLER/ COMPANY: Discovery

SURVEYED ELEVATIONS | GROUND SURFACE: 81.79 | TOP OF PROTECTIVE CASING: 81.79 | TOP OF PVC CASING: 80.99



WELL SAMPLED? ☒ YES ☐ NO

QUANTITY MATERIALS USED:

Bentonite(lbs)	250
Sand(lbs)	450
Grout(lbs)	—
Screen(ft)	10
Blank Casing(ft)	15
Bottom Cap(ea)	1
Top Cap(ea)	1
Flush Mount	1
Protective Casing (ft)	
Lock	1
MISC.:	

NOTES

MONTGOMERY WATSON
Anchorage, Alaska

SOIL BORING LOG

PROJECT NO.: 180574.260120 | BORING NO.: 88-10 | SHEET 2 OF 2

PROJECT Phase III RI | SITE Northeast Cape, St. Lawernce Is | CLIENT USACE - Alaska | GEOLOGIST ~~McLean~~ O'Connell

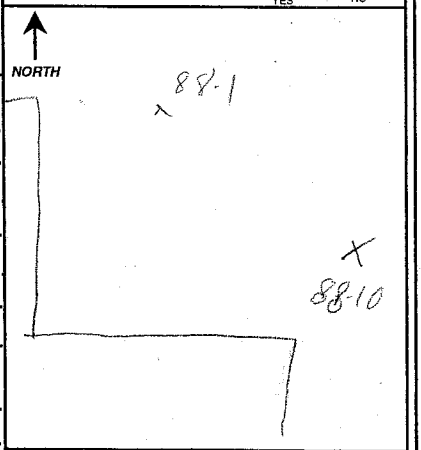
DATE 8/19/02 | WEATHER Cloudy | AK STATE PLANE COORDINATES 96293.0099 (Northing) 97970.2989 (Easting) | ELEVATION DATUM MSL

DRILLING METHOD HSA | BORING SIZE 9¼ | HAMMER DROP (IN/LBS) 30/360 | RIG TYPE CME 75 | DRILLER/ COMPANY Discovery

SAMPLES | SAMPLE TYPE Grab | SAMPLER TYPE/DIAMETER 2"SS | TOTAL DEPTH (FT) 27.5 | DEPTH TO SWL (ft) 25.0 | TOP OF HOLE ELEVATION 86.86

DEPTH (FEET)	BLOWS (6 IN.)	GRAIN SIZE: % GRAVEL	% SAND	% FINES	MAX SIZE (IN)	SOIL CLASS	GRAPHIC LOG	SAMPLE: TIME	INTERVAL	SOIL DESCRIPTION (ASTM 2488)
1 81						SP		1535		Fill Rock & Gravel
2 82										
3 83										
4 84	19					SP		1550		Crushed Rock & Sand, No odor/stain
(1)	17									Greyish Brown
5 85	12									PID=
	14									
6 86	18					SP		1600		Crushed Rock & Sand, No odor/stain
(2)	17									Greyish Brown
7 87	16									PID=
	16									
8 88	12					SP		1610		Crushed Rock & Sand, No odor/stain
(3)	12									Greyish Brown
9 89	10									PID=
	12									
10.90	11					SP		1615		Crushed Rock & Sand No odor/stain
(4)	11									Greyish Brown
11 91	8									PID=
	8									
12.92	9					SM		1620		Moist, Fine Sand with some iron-staining, No odor/
(5)	6									loose @ 13', Dense @ 14' Dense layer = Grey with iron stains
13 93	9									PID=
	8									
14.94	8					SM		1625		Moist @ 15' Dry @ 16' Greyish Brown
(6)	8									fine Sand, dense with crushed rock @ 16'
15 95	8									No odor PID=
	15									
16 96	11							1630		No Retrieval - Rock
	10									
17 97	12									
	10									
18 98	16							1640		Spoon Refused @ 18.5'
	50									No Recovery - Rock
19 99	X									
	X									
20.40	11							1650		No Retrieval, odor on end of spoon, mud on
21 41	9									end of spoon, water level meter has no readings
	12									
22 42	10									Continued on next page ↓

WELL COMPLETED? ☑ YES ☐ NO



LOCATION SKETCH

MONTGOMERY WATSON
Anchorage, Alaska

SOIL BORING LOG

PROJECT NO.: B5074.260120 | BORING NO.: 88-10 | SHEET 2 OF 2

PROJECT Phase III RI | SITE Northeast Cape, St. Lawernce Is | CLIENT USACE - Alaska | GEOLOGIST ~~McLean~~ Gaurell

DATE 8/19/02 | WEATHER | AK STATE PLANE COORDINATES (Northing) (Easting) | ELEVATION DATUM

DRILLING METHOD | BORING SIZE 2" | HAMMER DROP (IN/LBS) | RIG TYPE | DRILLER/ COMPANY Discovery

SAMPLES | SAMPLE TYPE | SAMPLER TYPE/DIAMETER | TOTAL DEPTH (FT) | DEPTH TO SWL (fT) | TOP OF HOLE ELEVATION

DEPTH (FEET)	BLOWS (6 IN.)	GRAIN SIZE: % GRAVEL	% SAND	% FINES	MAX SIZE (IN)	SOIL CLASS	GRAPHIC LOG	SAMPLE: TIME	INTERVAL	SOIL DESCRIPTION (ASTM 2488)
21										Continuation of MW 88-10
22	13					SM		1205		odor - Moist Crushed rock +
	12									Coarse Sand, gves
23	13									02NE88SB019 PID = 881
	12									
24	14					SM		1715		odor - Crushed Rock + Coarse sand
	12									gves
25	19									sheen on spoon
	21									PID = 352
26										02NE88JBG20
27										Refusal @ 27.5'
28										TD 27.5 Bedrock
29										
30										
31										
32										
33										
34										
35										
36										
37										
38										
39										
40										
41										
42										

WELL COMPLETED? [X] YES [ ] NO

NORTH

Sump ?

LOCATION SKETCH

WELL CONSTRUCTION LOG

MONTGOMERY WATSON Anchorage, Alaska

PROJECT NO.:	WELL NO.:	SHEET
1850574.260120	88-10	1 OF 1

PROJECT: Phase III RI | SITE: Northeast Cape, St.. Lawernce Island | CLIENT: USACE | GEOLOGIST: O'Connell McLean

DATE: 8/19/02 | WEATHER: Partly cloudy | LOCATION COORDINATES: 96293.0099 (Northing) 97970.2989 (Easting) | ELEVATION DATUM: MSL

DRILLING METHOD: Hollow -Stem Auger | BORING SIZE: 8¼ | RIG TYPE: HSA | DRILLER/ COMPANY: Discovery (MSL/Other)

SURVEYED ELEVATIONS | GROUND SURFACE: 86.86 | TOP OF PROTECTIVE CASING: 86.86 | TOP OF PVC CASING: 86.46

WELL SAMPLED? [X] YES [ ] NO

QUANTITY MATERIALS USED:

Bentonite(lbs)	200
Sand(lbs)	400
Grout(lbs)	—
Screen(ft)	10
Blank Casing(ft)	7
Bottom Cap(ea)	1
Top Cap (ea)	1
Flush Mount	1
Protective Casing (ft)	1
Lock	1
MISC.:	

1.0 STEEL FLUSH-MOUNTED PROTECTIVE CASING (FT - BGL)SECURED WITH 2-1/2" BOLTS

4" ID locking expansion cap

.5 GROUND SURFACE

1.0

PAD TYPE Concrete
DIMENSIONS 2ft²

2" PVC well casing

Silica Sand 6"

(IN) OD PROTECTIVE CASING

GROUT TYPE

(IN) BOREHOLE 8 1/4

(IN) OD SCHEDULE ___ PVC CASING WITH FLUSH THREADED JOINTS

3' TOP OF SEAL (FT - BGL)

(FT) THICK SEAL

SEAL TYPE Pure gold med. Bentonite chips

15' TOP OF SAND/GRAVEL PACK (FT - BGL)

(FT) ABOVE SLOTTED CASING

17' TOP SLOTTED CASING (FT - BGL)

FILTER PACK TYPE/GRADATION Colorado Silica sand

0.010 (IN) SLOTS CUT INTO (IN) OD TYPE 304 SS

Hydrate grout every 3'

▽ WATER LEVEL MEASUREMENTS (ALL MEASUREMENTS IN DEPTH, FT FROM TOP OF PVC CASING)

AFTER CONSTRUCTION ____ (FT)

DATE/TIME ____

AFTER DEVELOPMENT 24.29 (FT)

DATE/TIME 8/20/02 18:00

27.5' TOTAL DEPTH CASING (FT - BGL)

27.5' TOTAL DEPTH HOLE (FT - BGL)

NOTES

MONTGOMERY WATSON
Anchorage, Alaska

SOIL BORING LOG

PROJECT NO.: 18574.260120 | BORING NO.: MW 88-11 | SHEET 1 OF

PROJECT: Phase III RI | SITE: Northeast Cape, St. Lawernce Is | CLIENT: USACE - Alaska | GEOLOGIST: ~~McLean~~ Gonre

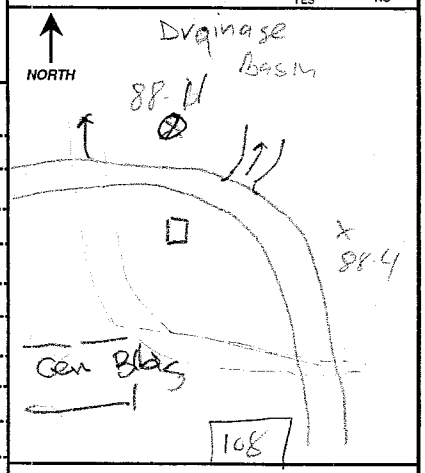
DATE: 8/17/02 | WEATHER: cloudy, winds | AK STATE PLANE COORDINATES: 96241.9412 (Northing) 98320.2355 (Easting) | ELEVATION DATUM: MSL

DRILLING METHOD: HSA | BORING SIZE: 8 1/4 | HAMMER DROP (IN/LBS): 30/360 | RIG TYPE: CME 45 | DRILLER/ COMPANY: Discovery

SAMPLES: 2 | SAMPLE TYPE: Grab | SAMPLER TYPE/DIAMETER: 2" SS | TOTAL DEPTH (FT): 14' | DEPTH TO SWL (FT): Frozen | TOP OF HOLE ELEVATION: 66.84

DEPTH (FEET)	BLOWS (6 IN.)	GRAIN SIZE % GRAVEL	% SAND	% FINES	MAX SIZE (IN)	SOIL CLASS	GRAPHIC LOG	SAMPLE TIME	SAMPLE INTERVAL	SOIL DESCRIPTION (ASTM 2488)
0								1600		
1						SP				Fill - Rock & Gravel
2										
3	4					PT		1820		Peat - Frozen, Very hard
	6									Dark Brown
4	6									Slight Odor, PID=
	4									02NE88SB021
5	4					PT		1830		Frozen Peat Slight Odor
	9									PID=
6	9									Ice x-stals in spoon
	10									
7								1840		No Retrieval Rocks?
										PID=
8	24									02NE88SB022
9	21					SM		1850		grey, Fine grained, Sandy Frozen with ice x-stals
	15									PID=
	21									
10	10					SM		1905		greyish-brown Frozen with ice x-stals
	19									PID=
11	25									
	27									
12	15					SM				Frozen with ice x-stals
	17									PID=
13	11									
	11									
14										Bottom SB 88-11
15										DT 14.0
16										
17										
18										
19										
20										
21										

WELL COMPLETED? YES ☐ NO ☒



LOCATION SKETCH

MONTGOMERY WATSON
Anchorage, Alaska

SOIL BORING LOG

PROJECT NO.: 18574.260 | BORING NO.: SB 88-12 | SHEET 1 OF

PROJECT: Phase III RI | SITE: Northeast Cape, St. Lawernce Is | CLIENT: USACE - Alaska | GEOLOGIST: O'Connell ~~McLean~~

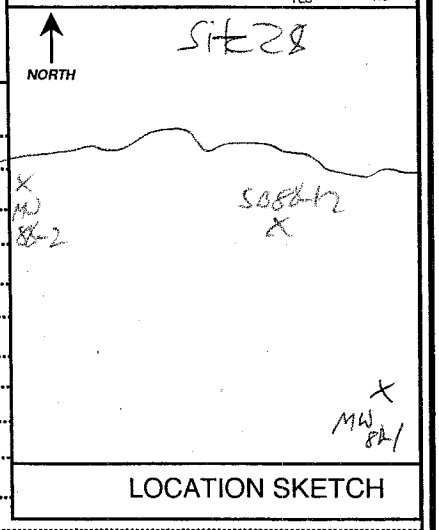
DATE: 8/20/02 | WEATHER: Partly cloudy | AK STATE PLANE COORDINATES: 96398.0750 (Northing) 98329.8776 (Easting) | ELEVATION DATUM: MSL

DRILLING METHOD: HSA | BORING SIZE: 8" | HAMMER DROP (IN/LBS): 30/260 | RIG TYPE: CME 45 | DRILLER/ COMPANY: Discovery

SAMPLES: 2 | SAMPLE TYPE: Grab | SAMPLER TYPE/DIAMETER: 2" SS | TOTAL DEPTH (FT): 14.0' | DEPTH TO SWL (FT): 13.0 | TOP OF HOLE ELEVATION: (9.7)

DEPTH (FEET)	BLOWS (6 IN.)	GRAIN SIZE % GRAVEL	% SAND	% FINES	MAX SIZE (IN)	SOIL CLASS	GRAPHIC LOG	SAMPLE TIME	SAMPLE INTERVAL	SOIL DESCRIPTION (ASTM 2488)
0						SP		1235		Fill - Large rocks 5-7" + gravel
1										
2	5 4					SM		1245		Crushed Rock - Brown/Grey fine Sand
	6									No odor/Some Iron staining
3	6									PID = 65.0
	4					PT				Peat @ 4" - with organics
4	6							1250		Brown = No odor/Stain in frag
	6					SM				Grey = Very Fine Dense sand/silt
5	7									Brown = Peat w/organics
	10					PT				Grey PID = 89.0
6	8							1255		No odor/Stain FROZEN
	11					SM				Very Fine, Dense Sand/Silt PID = 98.0
7	17									Grey, Solid 2' core
	12							1		
8	12					SM		1306		Solid Core Frozen @ 8-9'
	19									No odor, Stain PID = 65.0
9	23									
	4					SP				Crushed rock Coarse sand @ 10' unfrozen
10	15							1305		
	11					SP				Crushed Rock + Coarse Sand
11	17									No odor/stain PID = 53.0
	19									Moist @ 12 Grey Sand + Crushed Rock
12	7							1310		
	10									No Recovery - Rock
13	14									
	8									Filled w/ bentonite Dry 14.0
14										Frozen from 6-9'
15										
16										Sample O2NE88SB23 = #2 4-6.0'
										24 = #5 10.0-12.0'
17										
18										
19										
20										
21										

WELL COMPLETED? YES ☐ NO ☒



LOCATION SKETCH

18574.260120

MONTGOMERY WATSON
Anchorage, Alaska

SOIL BORING LOG

PROJECT NO.: S 0 88-13 | BORING NO.: SB-13 | SHEET 1 OF

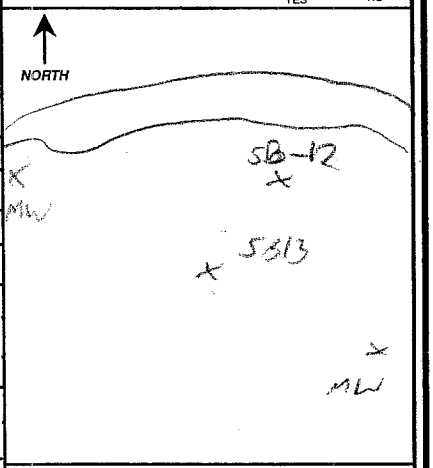
PROJECT Phase III RI | SITE Northeast Cape, St. Lawernce Is | CLIENT USACE - Alaska | GEOLOGIST OConnell/McLean

DATE 8/20/02 | WEATHER Partly Cloudy | AK STATE PLANE COORDINATES 9634.1182 (Northing) 9830.2553 (Easting) | ELEVATION DATUM MSL

DRILLING METHOD HSA | BORING SIZE 8 1/4 | HAMMER DROP (IN/LBS) 30/360 | RIG TYPE CME 45 | DRILLER/ COMPANY Discovery

SAMPLES 2 | SAMPLE TYPE Grab | SAMPLER TYPE/DIAMETER 2" SS | TOTAL DEPTH (FT) 16' | DEPTH TO SWL (FT) Frozen | TOP OF HOLE ELEVATION 69.51

WELL COMPLETED? YES ☐ NO ☒



LOCATION SKETCH

DEPTH (FEET)	BLOWS (6 IN.)	GRAIN SIZE % GRAVEL	% SAND	% FINES	MAX SIZE (IN)	SOIL CLASS	GRAPHIC LOG	SAMPLE TIME	SAMPLE INTERVAL	SOIL DESCRIPTION (ASTM 2488)
0										
1										
2	7					SP		1405		Crushed rock + sand - odor
(1)	11									No staining
3	8									PID = 79.9
	4					PT				Peat @ 4Ft with organics
4	2					PT		1410		Peat Ends
(2)	5					SM				Frozen Dense grey w/ odor
5	12									PID = 35.7
	10									
6	5					SM		1415		Frozen Dense grey - odor
(3)	4									PID = 15.3
7	3					PT				Unfrozen Peat @ 7 - odor
	5									
8	4					SM		1420		Fine grey Frozen silt/sand no odor
(4)	5									
9	9									No odor PID = 51.0
	9									Frozen @ 10
10	3					SM		1425		Frozen Solid No odor
(5)	7									Fine grey silt/sand PID = 55.1
11	9									
	7									
12	7					SM		1430		Frozen with ice No odor PID = 91.0
(6)	7									Fine grey sand/silt
13	7									
	11									
14	3					SM		1435		Frozen Fine grey sand/silt PID = 11.2
(7)	7									No odor
15	9									
	7					SM				Frozen DT @ 16.0
16										End of Boring
17										
18										Sample 02NE88SB25 - #3 6.0-8.0
										26 - #7 14.0-16.0
19										
20										
21										

MONTGOMERY WATSON
Anchorage, Alaska

SOIL BORING LOG

PROJECT NO.: 18574.264120 | BORING NO.: 88-14 | SHEET 1 OF 1

PROJECT Phase III RI | SITE Northeast Cape, St. Lawernce Is | CLIENT USACE - Alaska | GEOLOGIST OConnell - McLean

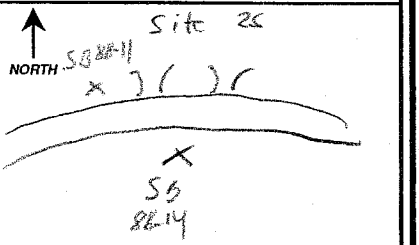
DATE 8/29/02 | WEATHER Partly cloudy | AK STATE PLANE COORDINATES 96251.2105 (Northing) 98292.5032 (Easting) | ELEVATION DATUM MSL

DRILLING METHOD HSA | BORING SIZE 8" | HAMMER DROP (IN/LBS) 30-360 | RIG TYPE CME 45 | DRILLER/ COMPANY Discovery

SAMPLES 2 | SAMPLE TYPE Auger | SAMPLER TYPE/DIAMETER 2" SS | TOTAL DEPTH (FT) 14' | DEPTH TO SWL (FT) 14.0 | TOP OF HOLE ELEVATION (7.11)

WELL COMPLETED? ☐ YES ☒ NO

LOCATION SKETCH



DEPTH (FEET)	BLOWS (6 IN.)	GRAIN SIZE: % GRAVEL	% SAND	% FINES	MAX SIZE (in)	SOIL CLASS	GRAPHIC LOG	SAMPLE: TIME	INTERVAL	SOIL DESCRIPTION (ASTM 2488)
0										
1										
2	6					SP		1450		Fill / odor
	7									PID = 6080
3	6									
	5					PT				Peat w/ odor
4	3							1510		
	3					PT				Peat - odor
5	4									PID = 788
	3									
6	2					PT		1515		Peat - slight odor
	4									
7	7									
	6					SM				Dark Dark grey Fine Sand/Silt - odor PID = 120
8	3							1525		
	5									
9	5					SM				Dense grey Fine Sand/Silt - odor PID = 172
	3									
10	4					SM		1535		Dense grey Fine Sand/Silt odor PID = 308
	6									
11	5									
	4									
12	3					SM		1530		Dense grey-brown Fine Sand + Peat w/ odor
	2									
13	1									Sheen on Spoon PID = 150
	5									
14										end of boring DT 14.0
15										
16										Sample 02NE88 SB 27 = +1 2.0-4.0
										" 28 = +6 12.0 14.0
17										
18										
19										
20										
21										

MONTGOMERY WATSON
Anchorage, Alaska

SOIL BORING LOG

PROJECT NO.: 18574.260120 | BORING NO.: SB-15 | SHEET 1 OF

PROJECT: Phase III RI | SITE: Northeast Cape, St. Lawernce Is | CLIENT: USACE - Alaska | GEOLOGIST: O'Connell ~~McLean~~

DATE: 8/20/02 | WEATHER: Partly cloudy | AK STATE PLANE COORDINATES: 96253.7354 (Northing) 98224.4465 (Easting) | ELEVATION DATUM: MSL

DRILLING METHOD: HSA | BORING SIZE: 8 1/4 | HAMMER DROP (IN/LBS): 30/360 | RIG TYPE: CME 45 | DRILLER/ COMPANY: Discovery

SAMPLES: 2 | SAMPLE TYPE: Grab | SAMPLER TYPE/DIAMETER: 2" SS | TOTAL DEPTH (FT): 22' | DEPTH TO SWL (FT): 13.0 | TOP OF HOLE ELEVATION: 71.21

DEPTH (FEET)	BLOWS (6 IN.)	GRAIN SIZE % GRAVEL	% SAND	% FINES	MAX SIZE (IN)	SOIL CLASS	GRAPHIC LOG	SAMPLE TIME	SAMPLE INTERVAL	SOIL DESCRIPTION (ASTM 2488)
0						SP		1705		Rocky Fill 3"-5"
1										
2										
3										
4	11					SP		1715		Crushed Rock + Sand Fine @ 5'
(1)	8									No odor/stain
5	8									PID=120
	11									Coarse Sand @ 5'
6	25					SP		1720		
	25									No Recovery, Slight odor on spoon
7	17									
	12									
8	7							1725		
	6									No Recovery, Slight odor on spoon
9	6									
	5									
10	3					SM		1730		Moist, Sticky Very Fine Sand/Silt grey
(2)	5									No odor
11	5									PID=2770
	7									
12	4					SM		1735		Very Fine Dense grey Silt + Sand No odor
(3)	5									Some Iron staining PID=133
13	7									
	7									
14	6							1740		Fine, Silt + Sand/ grey No odor Some Rocks
(4)	6									
15	8									PID=
	7									Crumbly @ 16'
16	25							1745		
	27									No Recovery - Rock
17	22									
	13									
18	7							1750		Very Fine, Dense Grey Silt + Sand No odor
(5)	9									Some Rock
19	12									PID=
	10									
20	7							1800		Very Fine Dense Grey Silt/Sand No odor
(6)	6									PID=
21	7									Water found @ 13' - end of Boring
22										

Sample 02NE88SB29 = #2
3D = #3

WELL COMPLETED? YES ☐ NO ☒

NORTH

× SB88-14

Gravel

× SB88-15

10ft

LOCATION SKETCH

MONTGOMERY WATSON
Anchorage, Alaska

SOIL BORING LOG

PROJECT NO.: 18574.260120 | BORING NO.: SB88-16 | SHEET 1 OF

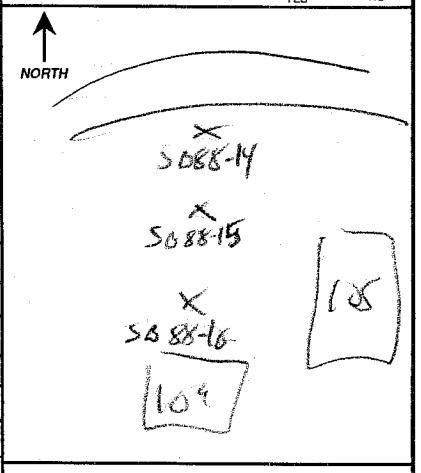
PROJECT: Phase III RI | SITE: Northeast Cape, St. Lawernce Is | CLIENT: USACE - Alaska | GEOLOGIST: O'Connell ~~McLean~~

DATE: 8/20/02 | WEATHER: Partly cloudy | AK STATE PLANE COORDINATES: 96260.0342 (Northing) 98182.7094 (Easting) | ELEVATION DATUM: MSL

DRILLING METHOD: HSA | BORING SIZE: 8¼ | HAMMER DROP (IN/LBS): 30/360 | RIG TYPE: CME 45 | DRILLER/ COMPANY: Discovery

SAMPLES | SAMPLE TYPE: Grab | SAMPLER TYPE/DIAMETER: 2" SS | TOTAL DEPTH (FT): 14.0 | DEPTH TO SWL (FT): 13.0 | TOP OF HOLE ELEVATION: 72.93

WELL COMPLETED? YES ☐ NO ☒



LOCATION SKETCH

DEPTH (FEET)	BLOWS (6 IN.)	GRAIN SIZE: % GRAVEL	% SAND	% FINES	MAX SIZE (IN)	SOIL CLASS	GRAPHIC LOG	SAMPLE: TIME	INTERVAL	SOIL DESCRIPTION (ASTM 2488)
0						SP				Rocky Fill 3"-5"
1										
2										
3										
4	12					SP		1845	1	Crushed rock + Fill, odor
5	12									Some brown Sand
	11									PID = 655
	12									
6	9					SP		1850		Crushed Rock + Sand odor
7	8									PID = 1558
	11									
	8									Geotech - 02NE88SB043
8	13							1900		
9	11					SP				Odor, crushed rock + coarse sand odor=
	9									PID = 1142
	8									
10	14					SP		1905		odor, crushed rock, coarse grey sand
11	12									
	9					SP				PID = 2672
	13					▽				
12	10					≡		1910		Saturated crushed rock, sheen, NO Recovery
	8									
13	19									
	18									
14										D/T 14.0
15										Sample 02NE88SB31 = #3 6.0-8.0
										32 = #4 10.0-12.0
16										
17										
18										
19										
20										
21										

198574, 268120

MONTGOMERY WATSON
Anchorage, Alaska

SOIL BORING LOG

PROJECT NO.: | BORING NO.: SB-17 | SHEET 1 OF 1

PROJECT Phase III RI | SITE Northeast Cape, St. Lawernce Is | CLIENT USACE - Alaska | GEOLOGIST OConnell ~~McLean~~

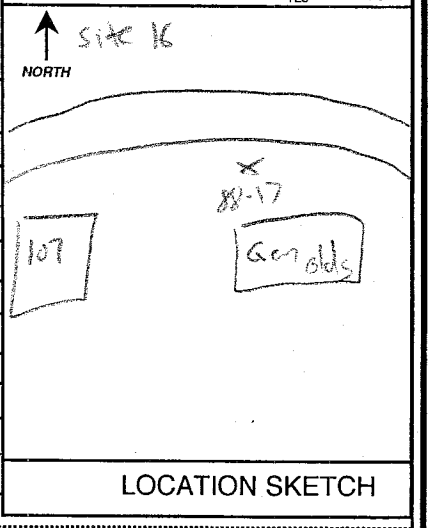
DATE 8/2/02 | WEATHER Cloudy | AK STATE PLANE COORDINATES 96171.5812 (Northing) 98270.0440 (Easting) | ELEVATION DATUM MSL

DRILLING METHOD HSA | BORING SIZE 8¼ | HAMMER DROP (IN/LBS) 30/166 | RIG TYPE CME 45 | DRILLER/ COMPANY Discovery

SAMPLES 2 | SAMPLE TYPE Grab | SAMPLER TYPE/DIAMETER 2" SS | TOTAL DEPTH (FT) 14.0 | DEPTH TO SWL (FT) 13.0 | TOP OF HOLE ELEVATION 9.65

DEPTH (FEET)	BLOWS (6 IN.)	GRAIN SIZE % GRAVEL	% SAND	% FINES	MAX SIZE (IN)	SOIL CLASS	GRAPHIC LOG	SAMPLE TIME	SAMPLE INTERVAL	SOIL DESCRIPTION (ASTM 2488)
0										
1										
2	13							1435		No Recovery, slight odor on spoon
	50							1436		
3	X									
	X							1438		
4	X							1440		No Recovery
	22									
5	27									
	9									
6	15							1450		No Recovery
	9									
7	8									
	9									
8	5					SM		1500		Very strong odor
(4)	12									Dense grey Sand/silt
9	6									PID = 9999+
	18									
10	9					SP		1505		Crushed rock-grey, odor
(2)	8									PID = 2315
11	10									
	8									
12	12					SP		1510		Crushed rock + Sand, odor PID = 9999+
	16									
(3) 13	16									
	14									
14										DT Typo sample ID NE 88 SB033 = (1) 8.0-10.0
15										034 = (3) 12.0-14.0
16										ID NE88SB234 (FD)
17										
18										
19										
20										
21										

WELL COMPLETED? YES ☐ NO ☒



LOCATION SKETCH

18574.260120

MONTGOMERY WATSON Anchorage, Alaska

SOIL BORING LOG

PROJECT NO.: | BORING NO.: 88-18 | SHEET 1 OF

PROJECT Phase III RI | SITE Northeast Cape, St. Lawernce Is | CLIENT USACE - Alaska | GEOLOGIST O'Connell ~~McLean~~

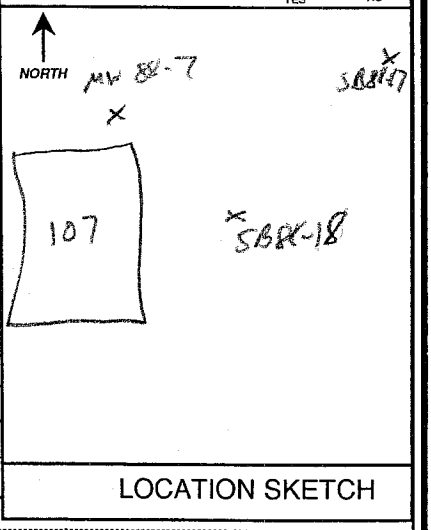
DATE 8/2\/02 | WEATHER cloudy | AK STATE PLANE COORDINATES 96070.5355 (Northing) 98228.2167 (Easting) | ELEVATION DATUM MSL

DRILLING METHOD HSA | BORING SIZE 8¼ | HAMMER DROP (IN/LBS) 30/360 | RIG TYPE CME 45 | DRILLER/ COMPANY Discovery

SAMPLES 2 | SAMPLE TYPE Grab | SAMPLER TYPE/DIAMETER 2" SS | TOTAL DEPTH (FT) 14' | DEPTH TO SWL (FT) 13.0 | TOP OF HOLE ELEVATION 71.93

DEPTH (FEET)	BLOWS (6 IN.)	GRAIN SIZE % GRAVEL	% SAND	% FINES	MAX SIZE (IN)	SOIL CLASS	GRAPHIC LOG	SAMPLE TIME	SAMPLE INTERVAL	SOIL DESCRIPTION (ASTM 2488)
0								1530		
1										
2	8					SM		1540		Slight odor, Brown Sand & crushed rock
	13									
3	15									PID = 225
	15									
4	9					SM		1545		Brown Sand, crushed rock
	11									slight odor
5	16									PID = 253
	16									
6	13					SP		1550		Odor, Crushed rock & grey sand
	16									PID = 2913
7	14									
	10									Geotech - No recovery
8	15					SW		1555		
	21									grey sand, odor, coarse
9	15									PID = 4903
	8									- Geotech - 02NE88SB044
10	4					SM		1605		moist, grey Fine sand & silt
	5									strong odor ; PID = 4113
11	6									
	9									
12	5							1615		No recovery, strong odor on spoon
	4									
13	9					▽				
	11									
14										
15										Sample 02NE88SB035 = #4
										036 = #5
16										
17										02NE88SB335 (QA/MS/MSD)
										02NE88SB236 (FD)
18										
19										
20										
21										

WELL COMPLETED? ☐ YES ☒ NO



LOCATION SKETCH

SB 22-1

MONTGOMERY WATSON Anchorage, Alaska

SOIL BORING LOG

PROJECT NO.: 18574.2601 | BORING NO.: SB 88-19 | SHEET 1 OF 2

PROJECT Phase III RI | SITE Northeast Cape, St. Lawernce Is | CLIENT USACE - Alaska | GEOLOGIST OConnell ~~McLean~~

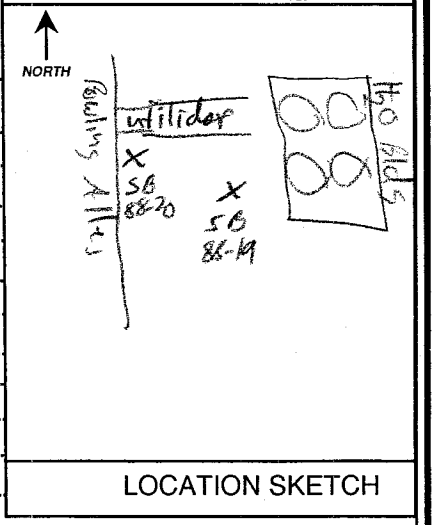
DATE 8/22/02 | WEATHER Cloudy | AK STATE PLANE COORDINATES 96206.4925 (Northing) 97683.0309 (Easting) | ELEVATION DATUM MSL

DRILLING METHOD HSA | BORING SIZE 8 1/4 | HAMMER DROP (IN/LBS) 30/360 | RIG TYPE CME 45 | DRILLER/ COMPANY Discovery

SAMPLES 2 | SAMPLE TYPE Amb | SAMPLER TYPE/DIAMETER 2"SS | TOTAL DEPTH (FT) 32' | DEPTH TO SWL (FT) — | TOP OF HOLE ELEVATION 97.75

DEPTH (FEET)	BLOWS (6 IN.)	GRAIN SIZE % GRAVEL	% SAND	% FINES	MAX SIZE (IN)	SOIL CLASS	GRAPHIC LOG	SAMPLE TIME	SAMPLE INTERVAL	SOIL DESCRIPTION (ASTM 2488)
0						SP		1210		Rocky Fill
8	10					SP		1225		Crushed Rock + Sand No oder/stain
	21									Brownish grey
9	18									PID = 0
	41									
10	38					SP		1230		Crushed Rock + Sand No oder/stain
	23									Brownish grey
11	17									PID = 0
	14									
12	46					SP		1235		Crushed Rock, Coarse grey sand, Moist/wet
	16									No oder/stain
13	47									PID = 0
	28									
14	12					SP		1250		Crushed rock coarse sand
	14									No oder/stain
15	13									PID = 0
	19									
16	13					SP		1255		Crushed rock coarse sand No oder/stain
	15									PID = 0
17	15									
	10									
18	11					SP		1305		Crushed rock + sand No oder/stain
	11									
19	13									PID = 0
	15									
20	18					SP		1315		Crushed Rock, brown sand, No oder/stain
	26									
21	14									Continued ↓↓

WELL COMPLETED? YES ☐ NO ☒



LOCATION SKETCH

22 15

MONTGOMERY WATSON
Anchorage, Alaska

SOIL BORING LOG

PROJECT NO.: 18574.260120 | BORING NO.: 88-19 | SHEET 2 OF 2

PROJECT Phase III RI | SITE Northeast Cape, St. Lawernce Is | CLIENT USACE - Alaska | GEOLOGIST ~~McLean~~ O'Connell

DATE 8/ /02 | WEATHER | AK STATE PLANE COORDINATES (Northing) (Easting) | ELEVATION DATUM

DRILLING METHOD | BORING SIZE | HAMMER DROP (IN/LBS) See P9 | RIG TYPE | DRILLER/COMPANY Discovery

# SAMPLES	SAMPLE TYPE	SAMPLER TYPE/DIAMETER	TOTAL DEPTH (FT)	DEPTH TO SWL (fT)	TOP OF HOLE ELEVATION

WELL COMPLETED? YES ~~NO~~

NORTH

See Pg

LOCATION SKETCH

DEPTH (FEET)	BLOWS (6 IN.)	GRAIN SIZE % GRAVEL	% SAND	% FINES	MAX SIZE (IN)	SOIL CLASS	GRAPHIC LOG	SAMPLE TIME	SAMPLE INTERVAL	SOIL DESCRIPTION (ASTM 2488)
21										Continued SB 88-19
22	10							1325		No Recovery
	12									
23	11									
	29									
24	26					SP		1340		Crushed rock, No odor/stain
(8)	11									
25	6									
	6									Fine brown sand PID = 0
26	3					SW		1350		Fine Brown Sand
(9)	5									
27	5									PID = 0
	6					SM				Dense gvly Sand/silt
28	10							1400		Moist silt/sand
(10)	13									02NE88SB037/237(FD) PID = 0
29	23									Crushed Rock + Sand
	30									
30	13					SP		1410		Crushed Rock + Sand
(11)	20									02NE88SB038/338(QA) PID = 0
31	25									
	27									
32										Auger Refusal @ 32'
33										Sample of NE88SB37 = #10 + 237 FD
										38 = #11 337 QA
34										
35										
36										
37										
38										
39										
40										
41										
42										

18574.260120 SB 88-2

MONTGOMERY WATSON Anchorage, Alaska

SOIL BORING LOG

PROJECT NO.: | BORING NO.: 88-20 | SHEET 1 OF 2

PROJECT Phase III RI | SITE Northeast Cape, St. Lawernce Is | CLIENT USACE - Alaska | GEOLOGIST O'Connell ~~McLean~~

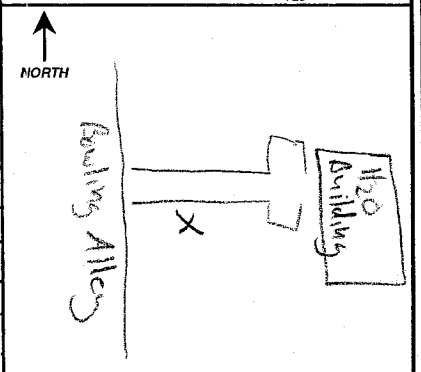
DATE 8/2 /02 | WEATHER | AK STATE PLANE COORDINATES 96233.7446 (Northing) 97685.3823 (Easting) | ELEVATION DATUM MSL

DRILLING METHOD HSA | BORING SIZE 8¼ | HAMMER DROP (IN/LBS) 30/360 | RIG TYPE CME 45 | DRILLER/ COMPANY Discovery

SAMPLES 2 | SAMPLE TYPE Grab | SAMPLER TYPE/DIAMETER 2"SS | TOTAL DEPTH (FT) 36' | DEPTH TO SWL (FT) — | TOP OF HOLE ELEVATION 98.14

DEPTH (FEET)	BLOWS (6 IN.)	GRAIN SIZE % GRAVEL	% SAND	% FINES	MAX SIZE (IN)	SOIL CLASS	GRAPHIC LOG	SAMPLE TIME	SAMPLE INTERVAL	SOIL DESCRIPTION (ASTM 2488)
0						SP		1740		Fill Rock + Gravel
8	26 50 X							1810		No Recovery
10 (1)	X 14 18					SP		1820		Crushed rock No odor, Grey-Brown PID = 0
12 (2)	16 14 15					SP		1825		Crushed rock + sand No odor/stain Grey-Brown PID = 0
14 (3)	12 11 14					SP		1835		Crushed Rock No odor/stain PID = 0 Tan-Grey
16 (4)	13 9 22					SP		1845		Crushed Rock No odor/stain PID = 0
18	16 18 28 50 X							1855		No Recovery
20	X 50 X							1905		No Recovery
21	X									Continued ↓↓

WELL COMPLETED? YES ☒ NO ☐



LOCATION SKETCH

MONTGOMERY WATSON
Anchorage, Alaska

SOIL BORING LOG

PROJECT NO.: | BORING NO.: 88-20 | SHEET 2 OF 2

PROJECT Phase III RI | SITE Northeast Cape, St. Lawernce Is | CLIENT USACE - Alaska | GEOLOGIST ~~McLean~~ Schnell

DATE 8/21/02 | WEATHER | AK STATE PLANE COORDINATES Seaps (Northing) (Easting) | ELEVATION DATUM

DRILLING METHOD | BORING SIZE | HAMMER DROP (IN/LBS) | RIG TYPE | DRILLER/ COMPANY Discovery

SAMPLES | SAMPLE TYPE | SAMPLER TYPE/DIAMETER | TOTAL DEPTH (FT) | DEPTH TO SWL (fT) | TOP OF HOLE ELEVATION

WELL COMPLETED? ☐ YES ☒ NO

NORTH

seaps9.1

LOCATION SKETCH

DEPTH (FEET)	BLOWS (6 IN.)	GRAIN SIZE: % GRAVEL	% SAND	% FINES	MAX SIZE (IN)	SOIL CLASS	GRAPHIC LOG	SAMPLE: TIME	INTERVAL	SOIL DESCRIPTION (ASTM 2488)
21										Continued - No Recovery
22	9					SP		1915		Crushed Rock - PID=0
(5)	13									No odor/Stain
23	8									
	10									
24	10					SP		1925		Crushed Rock, Brown Sand
(6)	6									No odor
25	4									PID=0
	11									
26	9					SW		1935		Fine grey Sand with some Iron Stains
(7)	15									No odor, Crushed rock
27	21									PID=0
	50									
28	23					SP		1950		Crushed rock, Brown Sand PID=0
(8)	49									
29	50									End of Day 10-24-02
	X									10-22-02
30	50							1030		No Recovery
31	X									
	X									
	X									
32	50							1045		No Recovery
33	X									
	X									
	X									
34	50							1055		No Recovery
35	X									
	X									
	X									
36								1115		Auger Refused @ 36' on Rock
37										Sample 02NE&S0039=#7 + 239 (FD)
										040=#8 340 (DA)
38										
39										
40										
41										
42										

MWH
MONTGOMERY WATSON HARZA

WATER SAMPLING
FIELD NOTE FORM

SITE: Northeast Cape Sample ID #: MW 88-1 DATE: 8/15/02
SAMPLE TYPE: NA FIELD CREW: DQ TIME Start: 1030 End 1230
WEATHER: SKY: P. Cloudy PRECIP: 0 WIND: 5 Air Temp. 50

GROUNDWATER : DEVELOPMENT X SAMPLING ____

Well Condition: NEW
Casing Ht. Above Ground: N/A FLUSH (FT.) Diameter: 2" in.
Well Depth: 25.90 * ft. BTOC (Meas./Rec.) Static Water Level: 21.78 ft. BTOC
Casing (C) = X Well ____ Outside Protective
* Prior to casing cut and flush mount installation
ONE PURGE VOLUME: 7.48 x (dia./24)^2 x 3.14 x (Depth-W. L.)= .67 gal. 3 purge = ~ 2 gal

PURGING: METHOD	Gallons	Time	Temperature °C	E.C. (µmhos/cm)*	pH*
Bailer	0	1030	7.9	283.1	5.98
	1	1032	4.8	231.1	6.32
	2+	1040	4.7	228.6	6.89
	No more water	1230	DRY - Sample Directly from well		
Ded. Pump					
Suction Pump					
Purge Pump					
(other)					

* TEMP. CORRECTED @ 25C

SURFACE WATER

Channel Depth: ____ Width: ____ Velocity: ____ Flow: ____ cfs (Est./Meas.)
Temp: ____ E.C: * ____ pH:* ____ Redox (eH): ____
Temp: ____ E.C: * ____ pH:* ____ Redox (eH): ____

SAMPLE COLLECTION

Method: ____ Appearance: ____

Analyte	Time	Analyte	Time	Analyte	Time
Sulfate EPA300					
Alkalinity EPA300					
BTEX SW8260B					
GRO AK101					
DRO/ RRO AK102/103				PRODUCT Visosity	
				Density	
Methane/Ethane/ Ethene RSK175				Interfacial Tension	

COMMENTS: QA/QC Label ID: Split ____ Dupl. ____ Trip Blank ____ Other ____
** METALS FIELD FILTERED: ____ . PHOTO TAKEN # ____
Calibration/Standard: pH 4, 7, 10 EC ✓ DO NA CO2 NA
Decon completed: by DQ date 8/15/02
REMARKS:

MWH
MONTGOMERY WATSON HARZA

WATER SAMPLING FIELD NOTE FORM

SITE: Northeast Cape Sample ID #: MW 88-1 DATE: 8/16/02
SAMPLE TYPE: GRAB FIELD CREW: DQ TIME Start: 1310 End 1600
WEATHER: SKY: _____ PRECIP: Ø WIND: 5 Air Temp. 50

GROUNDWATER : DEVELOPMENT _____ SAMPLING X

Well Condition: New
Casing Ht. Above Ground: NA Flush* (FT.) Diameter: 2 in.
Well Depth: 26.48 ft. BTOC (Meas./Rec. Static Water Level: 21.94 ft. BTOC
Casing (C) = X Well ____ Outside Protective
* Prior to casing (ove) cut and flush install -
ONE PURGE VOLUME: 7.48 x (dia./24)^2 x 3.14 x (Depth-W. L.)= 3x Purge = 2.25 gal. 75 gal.

PURGING: METHOD	Gallons	Time	Temperature °C	E.C. (µmhos/cm)*	pH*
	0	1320	6.2	386.8	6.07
Bailer	1 dry	1330	6.0	387.5	6.03
	1+ dry	1450	6.0	207.4	6.89
Ded. Pump					
Suction Pump					
(other)					

* TEMP. CORRECTED @ 25C DO 8.4 mg/L
TURB >1,000 NTU
CO_2 Not Readable due to turbidity

SURFACE WATER 02NE88GW001

Channel Depth: _____ Width: _____ Velocity: _____ Flow: _____ cfs (Est./Meas.)
Temp: _____ E.C: * _____ pH:* _____ Redox (eH): _____
Temp: _____ E.C: * _____ pH:* _____ Redox (eH): _____

SAMPLE COLLECTION 02NE88GW001 Possibly too Turbid

Method: Bailer Teflon Disposible Appearance: Very Turbid, Brown. No Sheen visible, Petrol Odor

Analyte	Time	Analyte	Time	Analyte	Time
Sulfate EPA300	1400 +				
Alkalinity EPA300					
BTEX SW8260B					
GRO AK101					
DRO/ RRO AK102/103				PRODUCT Visosity	
Methane/Ethane/ Ethene RSK175				Density	
				Interfacial Tension	

COMMENTS: QA/QC Label ID: Split _____ Dupl. _____ Trip Blank 02NE88TB 003 Other _____ 8/19/02 Z400
** METALS FIELD FILTERED: _____. PHOTO TAKEN # _____
Calibration/Standard: pH 4, 7, 10 EC ✓ DO NA CO2 NA
Decon completed: by DQ date 8-16-02
REMARKS: Extremely Slow Recharge. Indicative of Perched Groundwater

MWH
MONTGOMERY WATSON HARZA

WATER SAMPLING
FIELD NOTE FORM

SITE: Northeast Cape Sample ID #: MW 88-2 DATE: 8-15-02
SAMPLE TYPE: NA FIELD CREW: DO TIME Start: 1130 End 1455
WEATHER: SKY: P Cloudy PRECIP: 0 WIND: 5 Air Temp. 50

GROUNDWATER : DEVELOPMENT X SAMPLING _____

Well Condition: NEW
Casing Ht. Above Ground: Flush (FT.) Diameter: 2 in.
Well Depth: 1X.06 ft. BTOC (Meas./Rec.) Static Water Level: 9.71 ft. BTOC
Casing (C) = X Well ____ Outside Protective

ONE PURGE VOLUME: 7.48 x (dia./24)^2 x 3.14 x (Depth-W. L.)= 3 purge 25 1.7 gal.

PURGING: METHOD	Gallons	Time	Temperature °C	E.C. (µmhos/cm)*	pH*
Bailer	0	1130	5.7	226.2	6.50
	2 dv	1140	4.6	243.1	6.06
	3 dv	1455	4.8	237.8	6.10
Ded. Pump					
Suction Pump					
Reverse Pump (other)					

* TEMP. CORRECTED @ 25C

SURFACE WATER

Channel Depth: _____ Width: _____ Velocity: _____ Flow: _____ cfs (Est./Meas.)
Temp: _____ E.C: * _____ pH:* _____ Redox (eH): _____
Temp: _____ E.C: * _____ pH:* _____ Redox (eH): _____

SAMPLE COLLECTION

Method: _____ Appearance: _____

Analyte	Time	Analyte	Time	Analyte	Time
Sulfate EPA300					
Alkalinity EPA300					
BTEX SW8260B					
GRO AK101					
DRO/ RRO AK102/103				PRODUCT Visosity	
				Density	
Methane/Ethane/ Ethene RSK175				Interfacial Tension	

COMMENTS: QA/QC Label ID: Split _____ Dupl. _____ Trip Blank _____ Other _____
** METALS FIELD FILTERED: _____ . PHOTO TAKEN # _____
Calibration/Standard: pH 4, 7, 10 EC ✓ DO NA CO2 NA
Decon completed: by DO date 8/15/02
REMARKS:

MWH
MONTGOMERY WATSON HARZA

WATER SAMPLING FIELD NOTE FORM

SITE: Northeast Cape Sample ID #: MW 88-2 DATE: 8-17-02
SAMPLE TYPE: Grab FIELD CREW: DQ TIME Start: 1645 End 1800
WEATHER: SKY: P.C. PRECIP: RAIN WIND: 40-50 Air Temp. 90°F

GROUNDWATER : DEVELOPMENT _____ SAMPLING X

Well Condition: NEW
Casing Ht. Above Ground: Flush (FT.) Diameter: 2 in.
Well Depth: 20.06 ft. BTOC (Meas./Rec. Static Water Level: 12.00 ft. BTOC
Casing (C) = X Well ____ Outside Protective

ONE PURGE VOLUME: 7.48 x (dia./24)^2 x 3.14 x (Depth-W. L.)= 3 x purge = 4 1.3 gal.

PURGING: METHOD	Gallons	Time	Temperature °C	E.C. (µmhos/cm)*	pH*
Bailer	0	1645	6.0	335.1	7.09
	1	1650	5.9	332.7	7.11
	2 dry	1655	5.3	230.4	6.79
	24 dry	1700	5.0	226.7	6.80
Ded. Pump					
Suction Pump					
(other)					

TURB - 288 NTU, DO 8.2 mg/L
CO_2 NA - Due to turbidity

* TEMP. CORRECTED @ 25C

SURFACE WATER

Channel Depth: Width: Velocity: Flow: cfs (Est./Meas.)
Temp: E.C: * pH:* Redox (eH):
Temp: E.C: * pH:* Redox (eH):

SAMPLE COLLECTION 02NE88GW02

Method: Bailer Teflon Disposible Appearance: Turbid, Brown, No Odor, No Sheen

Analyte	Time	Analyte	Time	Analyte	Time
Sulfate EPA300	1700				
Alkalinity EPA300					
BTEX SW8260B					
GRO AK101					
DRO/ RRO AK102/103				PRODUCT Visosity	
Methane/Ethane/ Ethene RSK175				Density	
				Interfacial Tension	

COMMENTS: QA/QC Label ID: Split Dupl. Trip Blank Other

** METALS FIELD FILTERED: . PHOTO TAKEN # 02NE88TB003 8/19/02 2102

Calibration/Standard: pH 4,7,10 EC ✓ DO NA CO2 NA

Decon completed: by DQ date 8-17-02

REMARKS: Indicative of Perched water, Column appears full but over purged extremely slow to recover

MWH
MONTGOMERY WATSON HARZA

WATER SAMPLING FIELD NOTE FORM

SITE: Northeast Cape Sample ID #: MW 88-3 DATE: 8-18-02
SAMPLE TYPE: NA FIELD CREW: DQ TIME Start: 1010 End 1050
WEATHER: SKY: PC, PRECIP: 0 WIND: 10 Air Temp. 50

GROUNDWATER : DEVELOPMENT X SAMPLING _____

Well Condition: NEN
Casing Ht. Above Ground: NA Flush (FT.) Diameter: 2 in.
Well Depth: 20.10* ft. BTOC (Meas./Rec.) Static Water Level: 15.12 ft. BTOC
Casing (C) = X Well ____ Outside Protective
* Prior to PVC Cut.
ONE PURGE VOLUME: 7.48 x (dia./24)^2 x 3.14 x (Depth-W. L.)= 3x Purge = 2.25 .83 gal.

PURGING: METHOD	Gallons	Time	Temperature °C	E.C. (µmhos/cm)*	pH*	
	0	1000	4.5	437.6	8.20	Sheen + odor
	1	1005	3.2	279.2	7.41	
Bailer	2	1010	3.4	242.7	7.43	Muddy Brown
	3	1015	3.6	248.5	7.40	
Ded. Pump	5	1030	3.6	237.0	7.38	Clearing up
	10	1050	3.6	233.7	7.40	Clearing up
Suction Pump						
Purger Pump						
(other)						

* TEMP. CORRECTED @ 25C

SURFACE WATER

Channel Depth: _____ Width: _____ Velocity: _____ Flow: _____ cfs (Est./Meas.)
Temp: _____ E.C: * _____ pH:* _____ Redox (eH): _____
Temp: _____ E.C: * _____ pH:* _____ Redox (eH): _____

SAMPLE COLLECTION

Method: _____ Appearance: _____

Analyte	Time	Analyte	Time	Analyte	Time
Sulfate EPA300					
Alkalinity EPA300					
BTEX SW8260B					
GRO AK101					
DRO/ RRO AK102/103				PRODUCT Visosity	
Methane/Ethane/ Ethene RSK175				Density	
				Interfacial Tension	

COMMENTS: QA/QC Label ID: Split _____ Dupl. _____ Trip Blank _____ Other _____
** METALS FIELD FILTERED: _____ . PHOTO TAKEN # _____
Calibration/Standard: pH 4, 7, 10 EC ✓ DO NA CO2 NA
Decon completed: by DQ date 8/18/02
REMARKS:

MWH
MONTGOMERY WATSON HARZA

WATER SAMPLING FIELD NOTE FORM

SITE: Northeast Cape Sample ID #: MW 88-3 DATE: 8-19-02
SAMPLE TYPE: Grab FIELD CREW: DQ TIME Start: 1215 End 1375
WEATHER: SKY: P.C. PRECIP: 0 WIND: 10 Air Temp. 50

GROUNDWATER : DEVELOPMENT _____ SAMPLING X

Well Condition: NEW
Casing Ht. Above Ground: Flush / Final / Elev (FT.) Diameter: 2 in.
Well Depth: 19.64 ft. BTOC (Meas./Rec.) Static Water Level: 14.76 ft. BTOC
Casing (C) = X Well ____ Outside Protective

ONE PURGE VOLUME: 7.48 x (dia./24)^2 x 3.14 x (Depth-W. L.)= 3x Purge = 3 2.55 .85 gal.

PURGING:	Gallons	Time	Temperature °C	E.C. (µmhos/cm)*	pH*
METHOD	0	1215	3.6	129.4	8.56
	1	1217	2.4	138.0	8.03
Bailer	2 dry	1220	2.5	141.6	7.66
	3 dry	1230	2.5	153.8	7.32
Ded. Pump					
Suction Pump					
Purge Pump (other)					

DO 8.2 mg/L, Turb > 1,000 NTU * TEMP. CORRECTED @ 25C
CO_2 NA - too turbid

SURFACE WATER

Channel Depth: _____ Width: _____ Velocity: _____ Flow: _____ cfs (Est./Meas.)
Temp: _____ E.C: * _____ pH:* _____ Redox (eH): _____
Temp: _____ E.C: * _____ pH:* _____ Redox (eH): _____

SAMPLE COLLECTION 02NE886W003

Method: Bailer Teflon Disposible Appearance: Brownish, Sheen & Petrol Odor Present

Analyte	Time	Analyte	Time	Analyte	Time
Sulfate EPA300	1230				
Alkalinity EPA300					
BTEX SW8260B					
GRO AK101					
DRO/ RRO AK102/103				PRODUCT Visosity	
Methane/Ethane/ Ethene RSK175				Density	
				Interfacial Tension	

COMMENTS: QA/QC Label ID: Split _____ Dupl. _____ Trip Blank ✓ Other 8/19 lot @ 2000
02NE886TB003
** METALS FIELD FILTERED: _____ . PHOTO TAKEN # ✓
Calibration/Standard: pH 4, 7, 10 EC ✓ DO NA CO2 NA
Decon completed: by DQ date 8-19-02
REMARKS:

MWH
MONTGOMERY WATSON HARZA

WATER SAMPLING FIELD NOTE FORM

SITE: Northeast Cape Sample ID #: MW 88-4 DATE: 8-18-02
SAMPLE TYPE: NA FIELD CREW: DQ TIME Start: 1100 End 1200
WEATHER: SKY: P.C. PRECIP: 0 WIND: 10 Air Temp. 50

GROUNDWATER : DEVELOPMENT X SAMPLING _____

Well Condition: New
Casing Ht. Above Ground: Flush* (FT.) Diameter: 2 in.
Well Depth: 17.2 * ft. BTOC (Meas./Rec.) Static Water Level: 11.20 ft. BTOC
Casing (C) = X Well ____ Outside Protective
* Prior to Pre Cut.
3 x Purge = 3.0 gal
ONE PURGE VOLUME: 7.48 x (dia./24)^2 x 3.14 x (Depth-W. L.)= 1.0 gal.

PURGING:	Gallons	Time	Temperature °C	E.C. (µmhos/cm)*	pH*	
METHOD	0	1100	4.4	602	7.35	Muddy
	5	1115	3.9	630	7.21	Muddy
Bailer	7	1125	3.9	649	6.79	less Muddy
	10	1135	3.8	626	6.81	P. Clear
Ded. Pump	15	1200	3.8	621	6.78	Clearing
Suction Pump						
Purger Pump						
(other)						

* TEMP. CORRECTED @ 25C

Sheen & Petrol Odor Present

SURFACE WATER

Channel Depth: _____ Width: _____ Velocity: _____ Flow: _____ cfs (Est./Meas.)
Temp: _____ E.C: * _____ pH:* _____ Redox (eH): _____
Temp: _____ E.C: * _____ pH:* _____ Redox (eH): _____

SAMPLE COLLECTION

Method: _____ Appearance: _____

Analyte	Time	Analyte	Time	Analyte	Time
Sulfate EPA300					
Alkalinity EPA300					
BTEX SW8260B					
GRO AK101					
DRO/ RRO AK102/103				PRODUCT	
				Visosity	
Methane/Ethane/ Ethene RSK175				Density	
				Interfacial Tension	

COMMENTS: QA/QC Label ID: Split _____ Dupl. _____ Trip Blank _____ Other _____
** METALS FIELD FILTERED: _____ . PHOTO TAKEN # _____
Calibration/Standard: pH 4, 7, 10 EC — DO NA CO2 NA
Decon completed: by DQ date 8/18/02
REMARKS:

MWH
MONTGOMERY WATSON HARZA

WATER SAMPLING FIELD NOTE FORM

SITE: Northeast Cape Sample ID #: MW 88-4 DATE: 8-19-02
SAMPLE TYPE: Grab FIELD CREW: DQ TIME Start: 1245 End 1330
WEATHER: SKY: P.C. PRECIP: 0 WIND: 10 Air Temp. 50

GROUNDWATER : DEVELOPMENT _____ SAMPLING X

Well Condition: NEW
Casing Ht. Above Ground: NA - FLUSH (FT.) Diameter: 2 in.
Well Depth: 16,14 Final Estimate ft. BTOC (Meas./Rec. Static Water Level: 10,41 ft. BTOC
Casing (C) = X Well ____ Outside Protective

3x Purge 3.0

ONE PURGE VOLUME: 7.48 x (dia./24)^2 x 3.14 x (Depth-W. L.)= 1.0 gal.

PURGING:	Gallons	Time	Temperature °C	E.C. (µmhos/cm)*	pH*
METHOD	0	1245	3.2	646	6.78
	1	1247	2.1	630	6.62
Bailer	2	1250	2.1	668	6.63
	3	1255	2.1	666	6.60
Ded. Pump	4 dry	1310	2.1	666	6.62
	5 dry	1330	2.1	665	6.61
Suction Pump					
Purger Pump					
(other)					

Turb = >1,000 NTU, DO + CO_2 NA DUE TO High Turbidity

* TEMP. CORRECTED @ 25C

SURFACE WATER

Channel Depth: _____ Width: _____ Velocity: _____ Flow: _____ cfs (Est./Meas.)
Temp: _____ E.C.: * _____ pH:* _____ Redox (eH): _____
~~Temp:~~ _____ E.C: * _____ pH:* _____ Redox (eH): _____

SAMPLE COLLECTION

Primary 02NE88GW004, Duplicate 02NE88GW2004, Triplicate (split QA) 02NE88GW304 (MS/MSD All Analyte

Method: Bailer (Teflon) Disposable Appearance: Grey Brown / Sheen Petrol Odor.

Analyte	Time	Analyte	Time	Analyte	Time
Sulfate EPA300	1330				
Alkalinity EPA300					
BTEX SW8260B					
GRO AK101					
DRO/ RRO AK102/103				PRODUCT Visosity	
Methane/Ethane/ Ethene RSK175		Samples here		Density	
				Interfacial Tension	

COMMENTS: QA/QC Label ID: Split 1340 Dupl. 1335 Trip Blank ✓ Other 8/19/02 @ 1100

** METALS FIELD FILTERED: _____. PHOTO TAKEN # ✓ 02NE 88 TB003

Calibration/Standard: pH 4, 7, 10 EC ✓ DO NA CO_2 NA

Decon completed: by DQ date 8-19-02

REMARKS:

MWH
MONTGOMERY WATSON HARZA

WATER SAMPLING
FIELD NOTE FORM

SITE: Northeast Cape Sample ID #: MW 88-5 DATE: 8-18-02
SAMPLE TYPE: NA FIELD CREW: DQ TIME Start: 1400 End 1545
WEATHER: SKY: PRECIP: Ø WIND: 5 Air Temp. 50

GROUNDWATER : DEVELOPMENT X SAMPLING

Well Condition: NEW
Casing Ht. Above Ground: NA - Flush (FT.) Diameter: 2 in.
Well Depth: 17.45 * ft. BTOC (Meas./Rec.) Static Water Level: 12.32 ft. BTOC
Casing (C) = X Well ____ Outside Protective
* Prior to PVC Cut - see Sampling for Level Elevation
3 x Purge = 2.5 gal
ONE PURGE VOLUME: 7.48 x (dia./24)^2 x 3.14 x (Depth-W. L.)= .85 gal.

PURGING: METHOD	Gallons	Time	Temperature °C	E.C. (µmhos/cm)*	pH*	
Bailer	0	1400	4.4	239.9	7.34	Very Dark Petrol Odor
	1 dry	1410	3.9	237.2	7.02	
	11 dry	1430	4.2	242.3	6.53	Very Slow Clearing
	2 dry	1450	4.2	244.5	6.52	
Ded. Pump	21 dry	1530	4.2	242.0	6.58	Clearing
Suction Pump						
Purger Pump						
(other)						

* TEMP. CORRECTED @ 25C

Sheen + Petrol Odor

SURFACE WATER

Channel Depth: Width: Velocity: Flow: cfs (Est./Meas.)
Temp: E.C: * pH:* Redox (eH):
Temp: E.C: * pH:* Redox (eH):

SAMPLE COLLECTION

Method: Appearance:

Analyte	Time	Analyte	Time	Analyte	Time
Sulfate EPA300					
Alkalinity EPA300					
BTEX SW8260B					
GRO AK101					
DRO/ RRO AK102/103				PRODUCT Visosity	
				Density	
Methane/Ethane/ Ethene RSK175				Interfacial Tension	

COMMENTS: QA/QC Label ID: Split Dupl. Trip Blank Other

** METALS FIELD FILTERED: . PHOTO TAKEN #

Calibration/Standard: pH 4, 7, 10 EC ✓ DO NA CO2 NA
Decon completed: by DQ date 8/18/02
REMARKS:

MWH
MONTGOMERY WATSON HARZA

WATER SAMPLING
FIELD NOTE FORM

SITE: Northeast Cape Sample ID #: MW 88-5 DATE: 8-19-02
SAMPLE TYPE: Grab FIELD CREW: bd TIME Start: 1315 End 1520
WEATHER: SKY: P.C. PRECIP: 0 WIND: 10 Air Temp. 50

GROUNDWATER : DEVELOPMENT _____ SAMPLING X

Well Condition: NEW
Casing Ht. Above Ground: NA - FLUSH (FT.) Diameter: 2 in.
Well Depth: 14.95 (Final Elevation) ft. BTOC (Meas./Rec.) Static Water Level: 9.8 ft. BTOC
Casing (C) = X Well ____ Outside Protective

3 x Purge ≈ 2.5
ONE PURGE VOLUME: 7.48 x (dia./24)^2 x 3.14 x (Depth-W. L.)= .85 gal.

PURGING: METHOD	Gallons	Time	Temperature °C	E.C. (µmhos/cm)*	pH*
	0	1315	4.1	238.8	7.60
	1 dry	1320	3.3	252.9	7.25
Bailer	1+ dry	1500	3.3	201.1	7.16
Ded. Pump					
Suction Pump					
~~Purger Pump~~					
(other)					

Turb > 1,000 NTU
DO = NA, CO2 = NA > due to turbidity

* TEMP. CORRECTED @ 25C

SURFACE WATER

Channel Depth: _____ Width: _____ Velocity: _____ Flow: _____ cfs (Est./Meas.)
Temp: _____ E.C: * _____ pH:* _____ Redox (eH): _____
~~Temp:~~ _____ E.C: * _____ pH:* _____ Redox (eH): _____

SAMPLE COLLECTION 02NE88GW005

Method: Bailer (teflon) ~~Disposable~~ Appearance: Dark gray, Sheen, heavy petrol odor

Analyte	Time	Analyte	Time	Analyte	Time
Sulfate EPA300	1500				
Alkalinity EPA300					
BTEX SW8260B					
GRO AK101					
DRO/ RRO AK102/103				PRODUCT Visosity	
Methane/Ethane/ Ethene RSK175				Density	
				Interfacial Tension	

COMMENTS: QA/QC Label ID: Split _____ Dupl. _____ Trip Blank ↑ _____ Other _____ 8/9 log

** METALS FIELD FILTERED: _____ . PHOTO TAKEN # _____ 02NE88TB003

Calibration/Standard: pH 4, 7, 10 EC ✓ DO NA CO2 NA

Decon completed: by DG date 8-19-02

REMARKS: Extremely Slow Recharge, Very indicative of perched water

MWH
MONTGOMERY WATSON HARZA

WATER SAMPLING FIELD NOTE FORM

SITE: Northeast Cape Sample ID #: MW 88-6 DATE: 8-19-02
SAMPLE TYPE: NA FIELD CREW: DQ TIME Start : 1100 End 1230
WEATHER: SKY: P.C PRECIP: Ø WIND: 10 Air Temp. 50

GROUNDWATER : DEVELOPMENT X SAMPLING _____

Well Condition: NEW
Casing Ht. Above Ground: NA - FLUSH (FT.) Diameter: 2 in.
Well Depth: 15.2 ft. BTOC (Meas./Rec.) Static Water Level: 10.40 ft. BTOC
Casing (C) = X Well ____ Outside Protective

3 x 1 purge = ~2.5 gal

ONE PURGE VOLUME: 7.48 x (dia./24)^2 x 3.14 x (Depth-W. L.)= .85 gal.

PURGING: METHOD	Gallons	Time	Temperature °C	E.C. (µmhos/cm)*	pH*
	0	1100	6.2	420.8	7.45
	1 dry	1110	4.3	454.7	7.16
Bailer	2 dry	1130	4.3	428.4	6.88
	3 dry	1145	4.0	419.8	6.90
Ded. Pump	4 dry	1230	3.6	414.1	6.98
Suction Pump					
Purge Pump (other)					

Very Dark Grey

* TEMP. CORRECTED @ 25C

STRONG Petrol Odor

SURFACE WATER

Channel Depth: _____ Width: _____ Velocity: _____ Flow: _____ cfs (Est./Meas.)
Temp: _____ E.C: * _____ pH:* _____ Redox (eH): _____
Temp: _____ E.C: * _____ pH:* _____ Redox (eH): _____

SAMPLE COLLECTION

Method: _____ Appearance: _____

Analyte	Time	Analyte	Time	Analyte	Time
Sulfate EPA300					
Alkalinity EPA300					
BTEX SW8260B					
GRO AK101					
DRO/ RRO AK102/103				PRODUCT Visosity	
				Density	
Methane/Ethane/ Ethene RSK175				Interfacial Tension	

COMMENTS: QA/QC Label ID: Split _____ Dupl. _____ Trip Blank _____ Other _____
** METALS FIELD FILTERED: _____ . PHOTO TAKEN # _____
Calibration/Standard: pH 4, 7, 10 EC ~ DO NA CO2 NA
Decon completed: by DQ date 8/19/02
REMARKS:

MWH
MONTGOMERY WATSON HARZA

WATER SAMPLING FIELD NOTE FORM

SITE: Northeast Cape Sample ID #: MW 88-6 DATE: 8-20-02
SAMPLE TYPE: Grab FIELD CREW: DQ TIME Start: 1230 End 1315
WEATHER: SKY: P.C. PRECIP: 0 WIND: 10 Air Temp. 50

GROUNDWATER : DEVELOPMENT _____ SAMPLING X

Well Condition: NEW
Casing Ht. Above Ground: Flush (FT.) Diameter: 2 in.
Well Depth: 15.20 ft. BTOC (Meas./Rec.) Static Water Level: 10.43 ft. BTOC
Casing (C) = X Well ____ Outside Protective

3 x purge = ~2.5 gal

ONE PURGE VOLUME: 7.48 x (dia./24)^2 x 3.14 x (Depth-W. L.)= .8 gal.

PURGING: METHOD	Gallons	Time	Temperature °C	E.C. (µmhos/cm)*	pH*
Bailer	0	1230	4.4	411.0	7.52
	1	1240	3.2	393.9	7.53
	2 dry	1245	3.0	419.6	7.00
	2+ dry	1300	3.0	413.0	7.09
Ded. Pump					
Suction Pump					
(other)					

TURB >1,000 NTU
DO NM
CO_2 NA > TOO TURBID

* TEMP. CORRECTED @ 25C

SURFACE WATER

Channel Depth: ____ Width: ____ Velocity: ____ Flow: ____ cfs (Est./Meas.)
Temp: ____ E.C: * ____ pH:* ____ Redox (eH): ____
Temp: ____ E.C: * ____ pH:* ____ Redox (eH): ____

SAMPLE COLLECTION 02NE88GW006

Method: Teflon Bailer (Disposible) Appearance: Dark Gray, Very Turbid, Sheen, Odor (strong)

Analyte	Time	Analyte	Time	Analyte	Time
Sulfate EPA300	1300				
Alkalinity EPA300					
BTEX SW8260B					
GRO AK101					
DRO/ RRO AK102/103				PRODUCT Visosity	
Methane/Ethane/ Ethene RSK175				Density	
				Interfacial Tension	

COMMENTS: QA/QC Label ID: Split ____ Dupl. ____ Trip Blank 2160 Other ____
** METALS FIELD FILTERED: ____ PHOTO TAKEN # ____ 8-19-02 02NE88TB003
Calibration/Standard: pH 4,7,10 EC ✓ DO NM CO2 NM
Decon completed: by DQ date 8-20-02
REMARKS:

MWH
MONTGOMERY WATSON HARZA

WATER SAMPLING
FIELD NOTE FORM

SITE: Northeast Cape Sample ID #: MW 88-7 DATE: 8-19-02
SAMPLE TYPE: NA FIELD CREW: DQ TIME Start: 1115 End 1220
WEATHER: SKY: PC PRECIP: ϕ WIND: 10 Air Temp. 50

GROUNDWATER : DEVELOPMENT X SAMPLING _____

Well Condition: NEW
Casing Ht. Above Ground: Flush (FT.) Diameter: 2 in.
Well Depth: 19.02 ft. BTOC (Meas./Rec.) Static Water Level: 14.01 ft. BTOC
Casing (C) = X Well ____ Outside Protective

3x purge = ≈ 25 gal

ONE PURGE VOLUME: 7.48 x (dia./24)^2 x 3.14 x (Depth-W. L.)= .80 gal.

PURGING: METHOD	Gallons	Time	Temperature °C	E.C. (µmhos/cm)*	pH*	
	0	1115	4.5	403.2	6.99	Very Dark Petrol Odor
	2	1118	4.3	424.4	6.86	
Bailer	4	1120	3.1	418.5	6.89	Very Dark
	5	1125	2.7	406.7	6.81	
Ded. Pump	10	1140	2.9	402.6	6.80	
	15	1155	2.9	402.8	6.91	Clearing Slightly
Suction Pump	20	1205	2.9	400.0	6.96	
Purger Pump.	25	1215	2.9	398.7	6.98	
(other)						

* TEMP. CORRECTED @ 25C

SURFACE WATER

Channel Depth: _____ Width: _____ Velocity: _____ Flow: _____ cfs (Est./Meas.)
Temp: _____ E.C: * _____ pH:* _____ Redox (eH): _____
Temp: _____ E.C: * _____ pH:* _____ Redox (eH): _____

SAMPLE COLLECTION

Method: _____ Appearance: _____

Analyte	Time	Analyte	Time	Analyte	Time
Sulfate EPA300					
Alkalinity EPA300					
BTEX SW8260B					
GRO AK101					
DRO/ RRO AK102/103				PRODUCT Visosity	
Methane/Ethane/ Ethene RSK175				Density	
				Interfacial Tension	

COMMENTS: QA/QC Label ID: Split _____ Dupl. _____ Trip Blank _____ Other _____
** METALS FIELD FILTERED: _____ . PHOTO TAKEN # _____
Calibration/Standard: pH 4,7,10 EC ✓ DO NA CO2 NA
Decon completed: by DQ date 8/19/02
REMARKS: Very Good Producer

MWH
MONTGOMERY WATSON HARZA

WATER SAMPLING
FIELD NOTE FORM

SITE: Northeast Cape Sample ID #: MW 88-7 DATE: 8-20-02
SAMPLE TYPE: Grab FIELD CREW: DQ TIME Start: 1320 End 1410
WEATHER: SKY: PRECIP: 0 WIND: 20 Air Temp. 50

GROUNDWATER : DEVELOPMENT _____ SAMPLING X

Well Condition: NEW
Casing Ht. Above Ground: FLUSH (FT.) Diameter: 2 in.
Well Depth: 19.02 ft. BTOC (Meas./Rec.) Static Water Level: 14.02 ft. BTOC
Casing (C) = X Well ____ Outside Protective

3x Purge Vol = 2.5 gal

ONE PURGE VOLUME: 7.48 x (dia./24)^2 x 3.14 x (Depth-W. L.)= .80 gal.

PURGING:	Gallons	Time	Temperature °C	E.C. (µmhos/cm)*	pH*
METHOD	0	1320	2.8	364.9	7.73
	2	1325	2.3	400.4	7.40
Bailer	4	1330	2.1	412.4	7.12
	5	1340	2.1	421.0	7.00
Ded. Pump	7	1350	2.1	397.1	6.73
	10	1400	2.1	398.6	6.75
Suction Pump					
Bladder					
(other)					

* TEMP. CORRECTED @ 25C

SURFACE WATER

Channel Depth: _____ Width: _____ Velocity: _____ Flow: _____ cfs (Est./Meas.)
Temp: _____ E.C: * _____ pH:* _____ Redox (eH): _____
Temp: _____ E.C: * _____ pH:* _____ Redox (eH): _____

SAMPLE COLLECTION 02NE88GW007 (MS/MSD ALL Analytes)
Method: Teflon Bailer (Disposible) Appearance: Grey - Petrol Odor

Analyte	Time	Analyte	Time	Analyte	Time
Sulfate EPA300	1400				
Alkalinity EPA300					
BTEX SW8260B					
GRO AK101					
DRO/ RRO AK102/103				PRODUCT Visosity	
Methane/Ethane/ Ethene RSK175				Density	
				Interfacial Tension	

COMMENTS: QA/QC Label ID: Split _____ Dupl. _____ Trip Blank 8-19-02 Other _____
** METALS FIELD FILTERED: _____ . PHOTO TAKEN # _____ 2102 - 02NE88GW007
Calibration/Standard: pH 4,7,10 EC ✓ DO NA CO2 NA
Decon completed: by DQ date : 8-20-02
REMARKS: Very Good Producer

MWH
MONTGOMERY WATSON HARZA

WATER SAMPLING
FIELD NOTE FORM

SITE: Northeast Cape Sample ID #: MW 88-8 DATE: 8-19-02
SAMPLE TYPE: NA FIELD CREW: DQ TIME Start: 1230 End 1400
WEATHER: SKY: P.C. PRECIP: 0 WIND: 10 Air Temp. 52

GROUNDWATER : DEVELOPMENT X SAMPLING

Well Condition: NEW
Casing Ht. Above Ground: Flush (FT.) Diameter: 2 in.
Well Depth: 18.70 ft. BTOC (Meas./Rec.) Static Water Level: 14.54 ft. BTOC
Casing (C) = _____ Well ____ Outside Protective

3 x purge = 2gal

ONE PURGE VOLUME: 7.48 x (dia./24)^2 x 3.14 x (Depth-W. L.)= .7 gal.

PURGING:	Gallons	Time	Temperature °C	E.C. (µmhos/cm)*	pH*	
METHOD	0	1230	4.2	412.3	7.75	Very Dark Petrol Odor Sheen
	1	1235	3.9	477.7	7.13	
Bailer	2	1237	2.9	466.9	7.18	
	3 dry	1240	2.9	458.1	7.05	
Ded. Pump	3+ dry	1245	2.9	459.0	6.74	
	4 dry	1255	2.9	453.8	6.73	
Suction Pump	5 dry	1320	2.9	399.4	7.06	
Purger Pump	6 dry	1340	3.1	380.6	6.96	
(other)	7 dry	1400	3.0	380.2	6.98	

* TEMP. CORRECTED @ 25C

SURFACE WATER

Channel Depth: _____ Width: _____ Velocity: _____ Flow: _____ cfs (Est./Meas.)
Temp: _____ E.C: * _____ pH:* _____ Redox (eH): _____
Temp: _____ E.C: * _____ pH:* _____ Redox (eH): _____

SAMPLE COLLECTION

Method: _____ Appearance: _____

Analyte	Time	Analyte	Time	Analyte	Time
Sulfate EPA300					
Alkalinity EPA300					
BTEX SW8260B					
GRO AK101					
DRO/ RRO AK102/103				PRODUCT Visosity	
Methane/Ethane/ Ethene RSK175				Density	
				Interfacial Tension	

COMMENTS: QA/QC Label ID: Split _____ Dupl. _____ Trip Blank _____ Other _____

** METALS FIELD FILTERED: _____. PHOTO TAKEN # _____

Calibration/Standard: pH 4, 7, 10 EC ✓ DO NA CO2 NA

Decon completed: by DQ date 8/19/02

REMARKS: Sheen, Very Turbid Dark Gray, Petrol Odor

MWH
MONTGOMERY WATSON HARZA

WATER SAMPLING FIELD NOTE FORM

SITE: Northeast Cape Sample ID #: MW 88-8 DATE: 8-20-02
SAMPLE TYPE: GRAB FIELD CREW: DQ TIME Start: 1420 End 1515
WEATHER: SKY: P.C. PRECIP: Ø WIND: 20 Air Temp. 50

GROUNDWATER : DEVELOPMENT _____ SAMPLING X

Well Condition: NEW
Casing Ht. Above Ground: Flush (FT.) Diameter: 2 in.
Well Depth: 18.70 ft. BTOC (Meas./Rec.) Static Water Level: 14.60 ft. BTOC
Casing (C) = X Well ____ Outside Protective

3 x purg = 2 gal

ONE PURGE VOLUME: 7.48 x (dia./24)^2 x 3.14 x (Depth-W. L.)= .7 gal.

PURGING: METHOD	Gallons	Time	Temperature °C	E.C. (µmhos/cm)*	pH*
Bailer	0	1420	2.9	380.1	6.99
	1	1430	2.8	374.9	6.83
	2 dry	1445	2.8	402.4	6.79
	2+ dry	1500	2.8	401.6	6.77
Ded. Pump					
Suction Pump					
Purger Pump (other)					

Turbidity > 1,000 NTU
DO NA > TOO TURBID
CO_2 NA

* TEMP. CORRECTED @ 25C

SURFACE WATER

Channel Depth: Width: Velocity: Flow: cfs (Est./Meas.)
Temp: E.C: * pH:* Redox (eH):
Temp: E.C: * pH:* Redox (eH):

SAMPLE COLLECTION 02NE88GW 008

Method: Teflon Bailer (Disposible) Appearance: Dark Gray, Sheen, Petrol Oder

Analyte	Time	Analyte	Time	Analyte	Time
Sulfate EPA300	1500				
Alkalinity EPA300					
BTEX SW8260B					
GRO AK101					
DRO/ RRO AK102/103				PRODUCT Visosity	
Methane/Ethane/ Ethene RSK175				Density	
				Interfacial Tension	

COMMENTS: QA/QC Label ID: Split Dupl. Trip Blank 8/15/02 Other

** METALS FIELD FILTERED: . PHOTO TAKEN # 2100 - 02NE88TB003

Calibration/Standard: pH 4, 7, 10 EC ✓ DO NA CO2 NA

Decon completed: by DQ date 8-19-02

REMARKS:

MWH
MONTGOMERY WATSON HARZA

WATER SAMPLING
FIELD NOTE FORM

SITE: Northeast Cape Sample ID #: MW 88-9 DATE: 8-20-02
SAMPLE TYPE: NA FIELD CREW: DO TIME Start: 1530 End 1650
WEATHER: SKY: P.C. PRECIP: 0 WIND: 20 Air Temp. 50

GROUNDWATER : DEVELOPMENT X SAMPLING _____

Well Condition: NEW
Casing Ht. Above Ground: Flush (FT. Diameter: 2 in.
Well Depth: 24.45 ft. BTOC (Meas./Rec. Static Water Level: 20.24 ft. BTOC
Casing (C) = X Well ____ Outside Protective

3x Purge ≈ 2gal
ONE PURGE VOLUME: 7.48 x (dia./24)^2 x 3.14 x (Depth-W. L.)= .7 gal.

PURGING:	Gallons	Time	Temperature °C	E.C. (µmhos/cm)*	pH*	
METHOD	0	1530	5.0	142.3	7.57	Dark Brown/
	2	1534	3.3	119.9	7.54	
Bailer	4	1540	2.3	166.10	7.23	
	5	1543	3.2	101.6	7.09	
Ded. Pump	7	1547	2.8	91.7	6.99	
	9	1550	2.3	88.0	6.159	
Suction Pump	10	1555	2.3	85.8	6.46	
Purger Pump	15	1605	2.3	80.-	6.45	Clearing Start
(other)	20	1620 1640	2.3 2.3	77.2 75.2	6.170 6.140	Still Tan but Clear.

* TEMP. CORRECTED @ 25C

SURFACE WATER

Channel Depth: _____ Width: _____ Velocity: _____ Flow: _____ cfs (Est./Meas.)
Temp: _____ E.C: * _____ pH:* _____ Redox (eH): _____
Temp: _____ E.C: * _____ pH:* _____ Redox (eH): _____

SAMPLE COLLECTION

Method: _____ Appearance: _____

Analyte	Time	Analyte	Time	Analyte	Time
Sulfate EPA300					
Alkalinity EPA300					
BTEX SW8260B					
GRO AK101					
DRO/ RRO AK102/103				PRODUCT Visosity	
				Density	
Methane/Ethane/ Ethene RSK175				Interfacial Tension	

COMMENTS: QA/QC Label ID: Split _____ Dupl. _____ Trip Blank _____ Other _____
** METALS FIELD FILTERED: _____ . PHOTO TAKEN # _____
Calibration/Standard: pH 4,7,10 EC ✓ DO NA CO2 NA
Decon completed: by DO date 8/20/02
REMARKS: Best Producer of all New Wells. No Odor, No Sheen, Tan Turbidity vs. Dark Grey at all other locations.

MWH
MONTGOMERY WATSON HARZA

WATER SAMPLING FIELD NOTE FORM

SITE: Northeast Cape Sample ID #: MW 88-9 DATE: 8-21-02
SAMPLE TYPE: Grab FIELD CREW: DQ TIME Start: 1430 End 1520
WEATHER: SKY: Rain (Clearing) PRECIP: 0 WIND: 20 Air Temp. 50

GROUNDWATER : DEVELOPMENT _____ SAMPLING X

Well Condition: NEW
Casing Ht. Above Ground: Flush (FT.) Diameter: 2 in.
Well Depth: 24.45 ft. BTOC (Meas./Rec.) Static Water Level: 20.22 ft. BTOC
Casing (C) = X Well ____ Outside Protective

3x purge ≈ 2 gal

ONE PURGE VOLUME: 7.48 x (dia./24)^2 x 3.14 x (Depth-W. L.)= .7 gal.

PURGING: METHOD	Gallons	Time	Temperature °C	E.C. (µmhos/cm)*	pH*
	0	1430	4.6	92.9	8.00
	1	1435	2.7	88.1	7.82
Bailer	2	1440	2.6	87.1	7.41
	3	1442	2.3	85.4	7.15
Ded. Pump	4	1445	2.3	84.8	6.97
	5	1450	2.3	84.7	6.98
Suction Pump	10	1500	2.3	81.9	6.82
Purger Pump					
(other)					

Turbidity 220 NTU
DO 4.1 mg/L
CO_2 1.9 mg/L

* TEMP. CORRECTED @ 25C

SURFACE WATER

Channel ~~Depth~~: _____ Width: _____ Velocity: _____ Flow: _____ cfs (Est./Meas.)
Temp: _____ E.C: * _____ pH:* _____ Redox (eH): _____
Temp: _____ E.C: * _____ pH:* _____ Redox (eH): _____

SAMPLE COLLECTION 02NE88GW009

Method: Teflon Bailer (Disposable) Appearance: Tan - NO SHEEN, NO ODOR

Analyte	Time	Analyte	Time	Analyte	Time
Sulfate EPA300	1400				
Alkalinity EPA300					
BTEX SW8260B					
GRO AK101					
DRO/ RRO AK102/103				PRODUCT Visosity	
				Density	
Methane/Ethane/ Ethene RSK175				Interfacial Tension	

COMMENTS: QA/QC Label ID: Split _____ Dupl. _____ Trip Blank 8-19-02 Other _____
** METALS FIELD FILTERED: _____. PHOTO TAKEN # _____ 1400 - 02NE88TB003
Calibration/Standard: pH 4,7,10 EC ✓ DO N/A CO2 NA
Decon completed: by DQ date 8-21-02
REMARKS: Tan Turbidity unlike any of the other MW88 series wells. No Sheen, No Odor

MWH
MONTGOMERY WATSON HARZA

WATER SAMPLING
FIELD NOTE FORM

SITE: Northeast Cape Sample ID #: MW 8R-10 DATE: 8-28-02
SAMPLE TYPE: NA FIELD CREW: DQ TIME Start: 1630 End 1650
WEATHER: SKY: PC. PRECIP: 0 WIND: 20 Air Temp. 50

GROUNDWATER : DEVELOPMENT X SAMPLING _____

Well Condition: NEW
Casing Ht. Above Ground: Flush (FT.) Diameter: 2 in.
Well Depth: 26.00 ft. BTOC (Meas./Rec.) Static Water Level: 24.29 ft. BTOC
Casing (C) = X Well ____ Outside Protective

3X purge ≈ 3/4 gal

ONE PURGE VOLUME: 7.48 x (dia./24)^2 x 3.14 x (Depth-W. L.)=_____gal.

PURGING:	Gallons	Time	Temperature °C	E.C. (µmhos/cm)*	pH*
METHOD	0	1630	3.6	382.1	6.02
	0.5 dry	1700	No WATER		
Bailer	0.5+ dry	1800	No Water / about 2cm of Mud		
Ded. Pump					
Suction Pump					
(other)					

* TEMP. CORRECTED @ 25C

Dark Grey, Muddy Silty, Sheen, Petrol Odor.

SURFACE WATER

Channel Depth:_____ Width:_____ Velocity:_____ Flow:_____cfs (Est./Meas.)
Temp: _____ E.C: *_____ pH:*_____ Redox (eH):_____
Temp: _____ E.C: *_____ pH:*_____ Redox (eH):_____

SAMPLE COLLECTION

Method:_____ Appearance:_____

Analyte	Time	Analyte	Time	Analyte	Time
Sulfate EPA300					
Alkalinity EPA300					
BTEX SW8260B					
GRO AK101					
DRO/ RRO AK102/103				PRODUCT Visosity	
				Density	
Methane/Ethane/ Ethene RSK175				Interfacial Tension	

COMMENTS: QA/QC Label ID: Split_____ Dupl._____ Trip Blank_____ Other_____

** METALS FIELD FILTERED: _____. PHOTO TAKEN #_____

Calibration/Standard: pH 4, 7, 10 EC ✓ DO NA CO2 NA

Decon completed: by DQ date 8/20/02

REMARKS: Very thick, Muddy Silty Water, Wont Dry May not be able to Sample, will sample directly tomorrow w/ minimal purge.

MWH
MONTGOMERY WATSON HARZA

WATER SAMPLING
FIELD NOTE FORM

SITE: Northeast Cape Sample ID #: MW 88-10 DATE: 8-21-00
SAMPLE TYPE: Grab FIELD CREW: DG TIME Start: 1400 End 1740
WEATHER: SKY: Nice Day Clear P.C. PRECIP: Ø WIND: 20 Air Temp. 50

GROUNDWATER : DEVELOPMENT _____ SAMPLING X

Well Condition: NEW
Casing Ht. Above Ground: Flush (FT.) Diameter: 2 in.
Well Depth: 24.00 ft. BTOC (Meas./Rec. Static Water Level: 24.98 ft. BTOC
Casing (C) = X Well ____ Outside Protective

3x purge = 0.5 gal

ONE PURGE VOLUME: 7.48 x (dia./24)^2 x 3.14 x (Depth-W. L.)=_____gal.

PURGING: METHOD	Gallons	Time	Temperature °C	E.C. (µmhos/cm)*	pH*
	0	1400	3.4	422.1	7.68
Bailer		All Water Collected Used for Sample			
		Well is essentially dry			
Ded. Pump					
Suction Pump					
(other)					

Turbidity >1,000 NTU
DO NA
CO_2 NA
> Too Turbid

* TEMP. CORRECTED @ 25C

SURFACE WATER

Channel Depth:_____ Width:_____ Velocity:_____ Flow:_____cfs (Est./Meas.)
Temp:_____ E.C: *_____ pH:*_____ Redox (eH):_____
Temp:_____ E.C: *_____ pH:*_____ Redox (eH):_____

SAMPLE COLLECTION

02NES88GW010

Method: Teflon Bailer Appearance: Very Turbid almost muddy, negligible recharge.

Analyte	Time	Analyte	Time	Analyte	Time
Sulfate EPA300	1400				
Alkalinity EPA300					
BTEX SW8260B					
GRO AK101					
DRO/ RRO AK102/103				PRODUCT Visosity	
Methane/Ethane/ Ethene RSK175	↓			Density	
				Interfacial Tension	

COMMENTS: QA/QC Label ID: Split_____ Dupl._____ Trip Blank 8-19-02 Other_____
** METALS FIELD FILTERED: _____. PHOTO TAKEN # C2100 - 02NES88T0002
Calibration/Standard: pH 4,7,10 EC ✓ DO NA CO2 NA
Decon completed: by DG date
REMARKS: Very slow in obtaining Sample Volume. After initial bailer maximum of 1-2 inches muddy water available. Sample Collected from 1400 to 1730.

CAMERON
ENVIRONMENTAL, INC.
20741 Manhattan Place Torrance, CA 90501
Tel: 310.212.0610 ♦ Fax: 310.212.7222

Activated Carbon, Pollution Control Systems and Waste Management Services

Non-Hazardous Spent Carbon Profile Form

A. Generator Information

1. Generating Facility: Northwest Cape
2. Site Address: St Lawrence Is. Alaska
3. Generator Technical Representative: Lisa Quist
   Phone # (907) 753-5742
   Fax # (907) 753-5626
4. Reactivation Facility: California Carbon, 2825 E. Grant St., Wilmington, CA

B. Spent Carbon Characterization:

The generator certifies that the spent carbon is classified as non-hazardous waste as defined by U.S.EPA regulations under the Regulatory Conservation and Recovery Act (RCRA); as set forth in 40CFR, Part 261.

C. Generator Certification

I hereby certify that, to the best of my knowledge, all information submitted in this and all attached documents is true and accurate, and that all known or suspected chemical contaminants and potential hazards have been disclosed.

for MWH c/o USACE

Signature

8-29-02
Date

Name (please print)

Title

1 - 55gal
1 - 5gal

Boring # - MW 88-1 | Project- NEC Phase III RI | Client- USACE | Date- 8/14/02

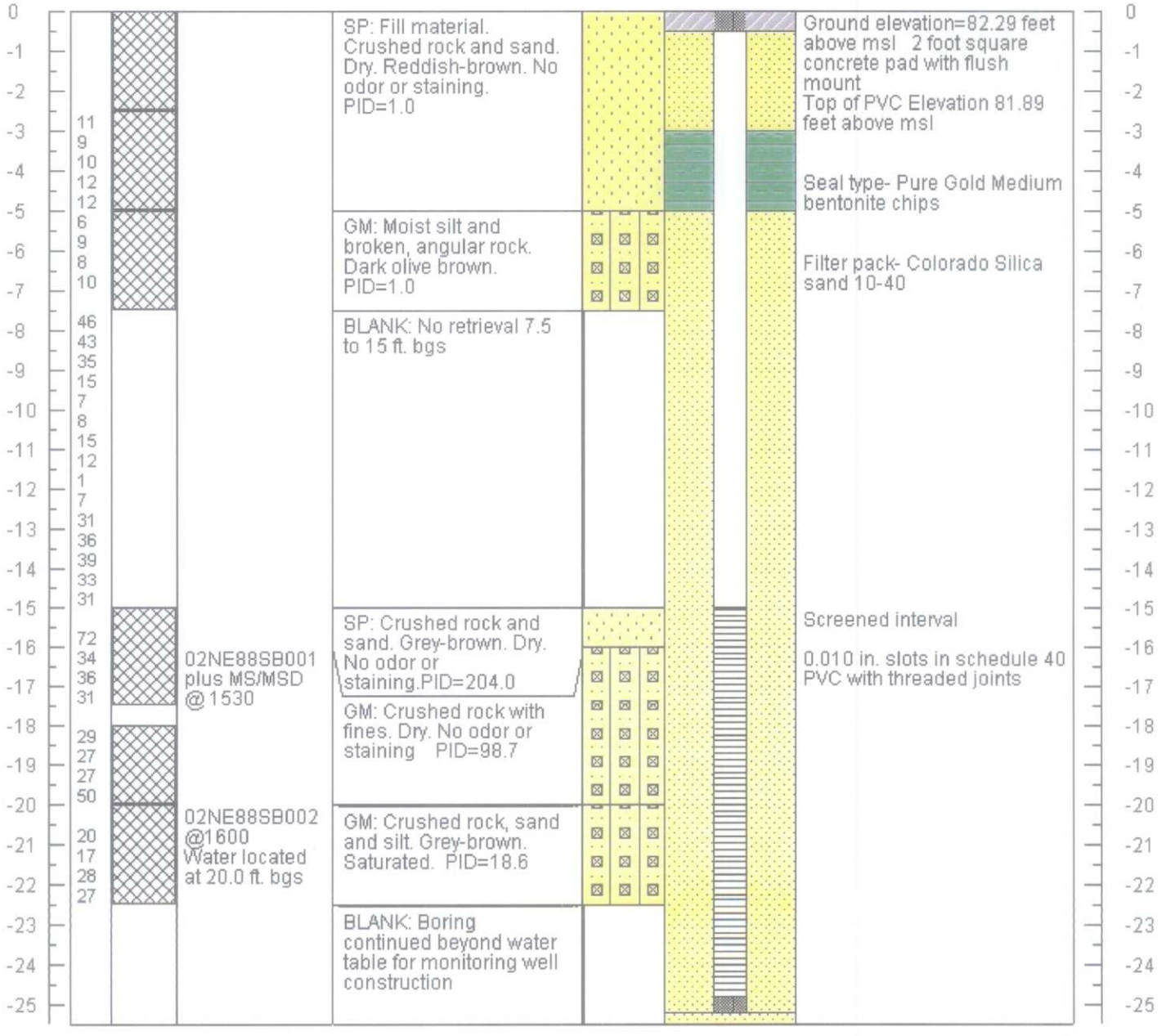
Boring Size- 8.25 in | AK State Plane Coordinates- 96392.8914 / 98080.4492 Northing / Easting

Drilling Method- Hollow Stem Augur

Rig Type- 45-C

Hammer Drop- 30 in / 360 lbs | Total Depth- 22.5 ft | Elevation Datum- MSL

Sample Type- Grab | Sampler Type- 2.5 in SS | Geologist- O'Connell | Top of Hole Elev.- 82.29 ft



Boring # - MW 88-2 | Project- NEC Phase III RI | Client- USACE | Date- 8/14/02

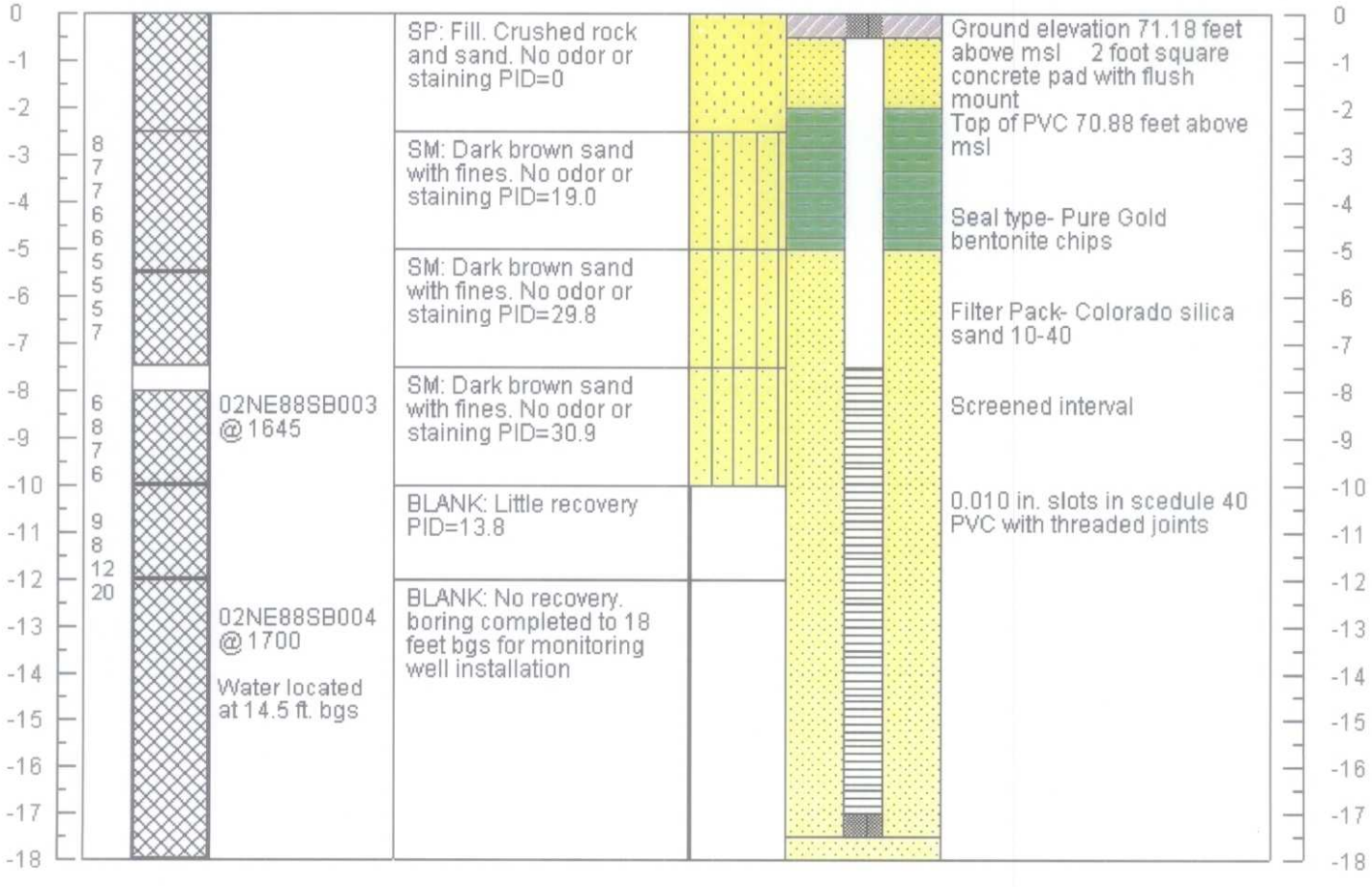
Boring Size- 8.25 in | AK State Plane Coordinates- 96455.0726 / 98257.8812 Northing / Easting

Drilling Method- Hollow Stem Augur

Rig Type- 45-C

Hammer Drop- 30 in / 360 lbs | Total Depth- 18 ft. | Elevation Datum- MSL

Sample Type- Grab | Sampler Type- 2.5 in SS | Geologist- O'Connell | Top of Hole Elev.- 71.18 ft.



Boring # - MW 88-3 | Project- NEC Phase III RI | Client- USACE | Date- 8/15/02

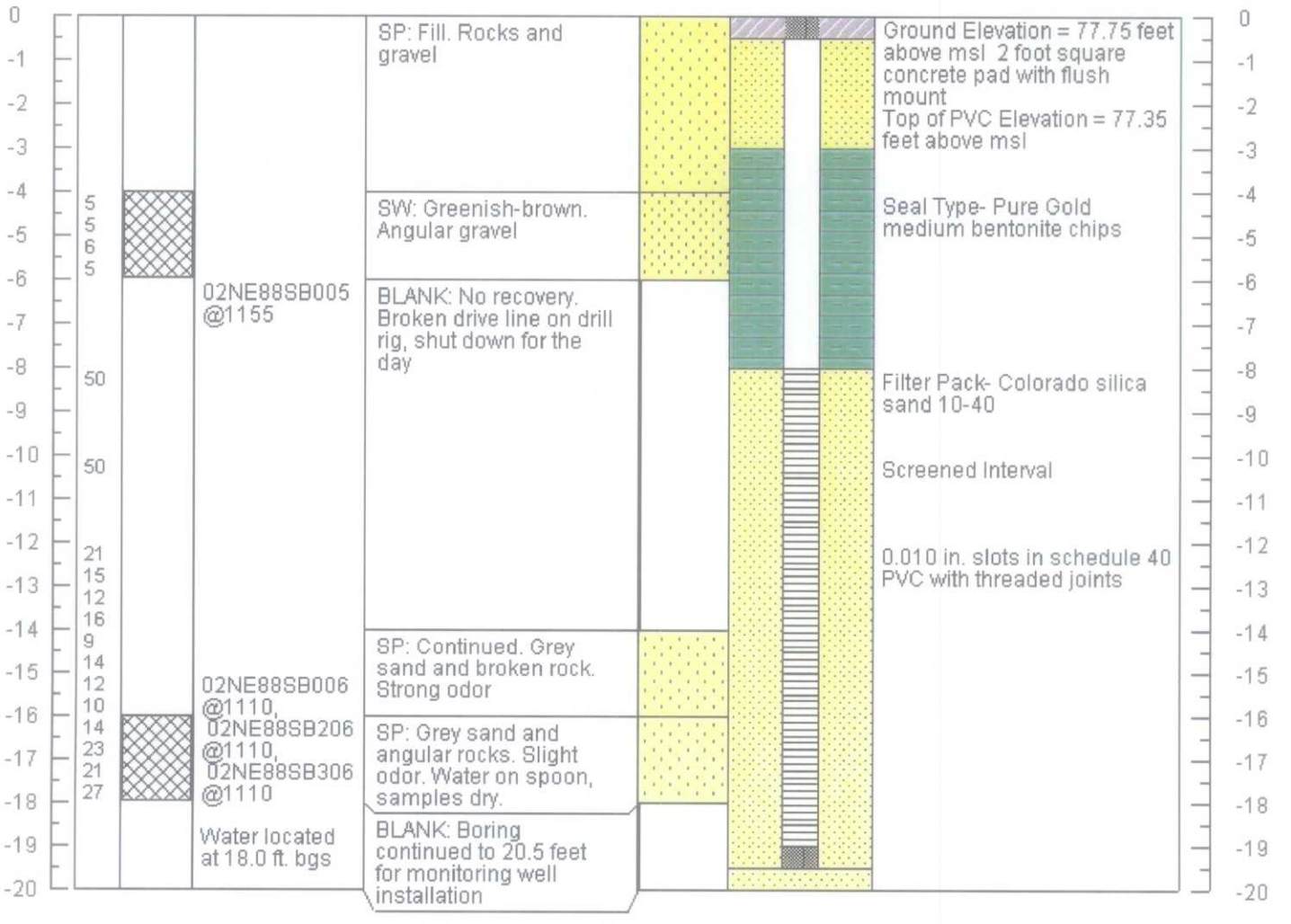
Boring Size- 8.25 in | AK State Plane Coordinates- 96458.3585 / 98169.9401 Northing / Easting

Drilling Method- Hollow Stem Augur

Rig Type- 45-C

Hammer Drop- 30 in / 360 lbs | Total Depth- 20 ft. | Elevation Datum- MSL

Sample Type- Grab | Sampler Type- 2.5 in SS | Geologist- O'Connell | Top of Hole Elev.- 77.75 ft.



Boring # - MW 88-4 | Project- NEC Phase III RI | Client- USACE | Date- 8/14/02

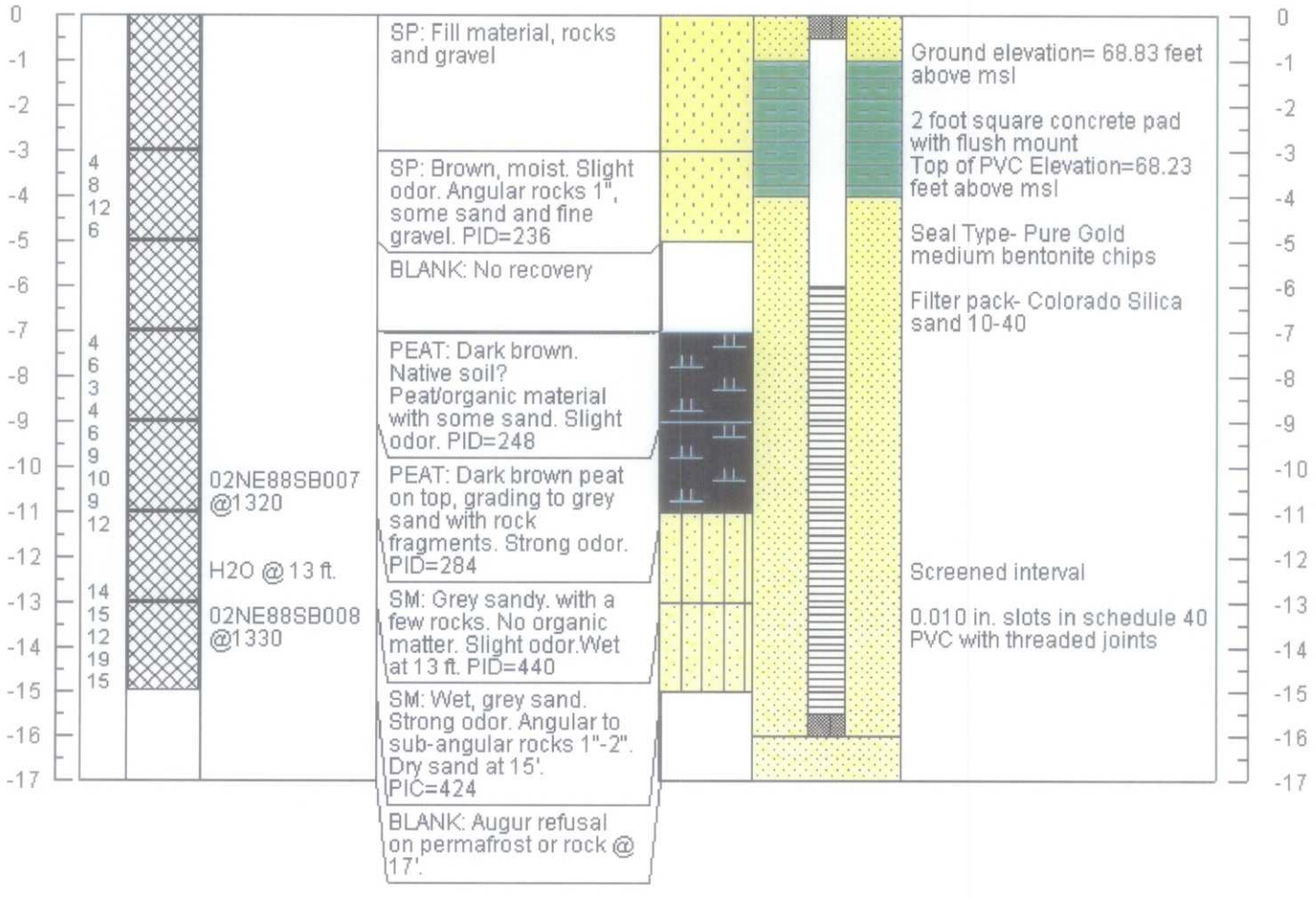
Boring Size- 8.25 in | AK State Plane Coordinates- 96331.1320 / 98365.8078 Northing / Easting

Drilling Method- Hollow Stem Augur

Rig Type- 45-C

Hammer Drop- 30 in / 360 lbs | Total Depth- 17 ft. | Elevation Datum- MSL

Sample Type- Grab | Sampler Type- 2.5 in SS | Geologist- O'Connell | Top of Hole Elev.- 68.63 ft.



Boring # - MW 88-5 | Project- NEC Phase III RI | Client- USACE | Date- 8/17/02

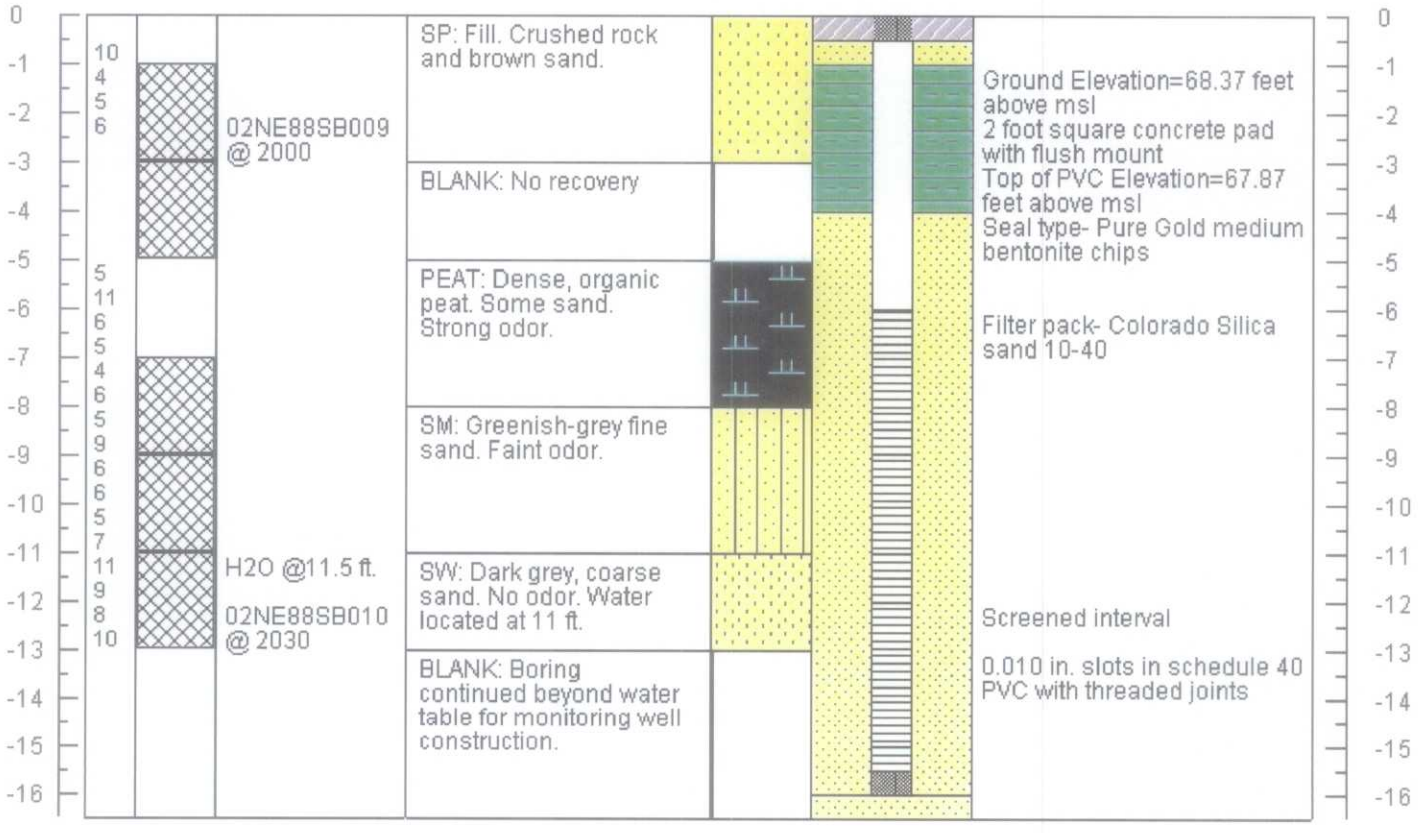
Boring Size- 8.25 in | AK State Plane Coordinates- 96216.7210 / 98292.1088 Northing / Easting

Drilling Method- Hollow Stem Augur

Rig Type- 45-C

Hammer Drop- 30 in / 360 lbs | Total Depth- 16.5 ft. | Elevation Datum- MSL

Sample Type- Grab | Sampler Type- 2.5 in SS | Geologist- O'Connell | Top of Hole Elev.- 68.37 ft.



Boring # - MW 88-6 | Project- NEC Phase III RI | Client- USACE | Date- 8/18/02

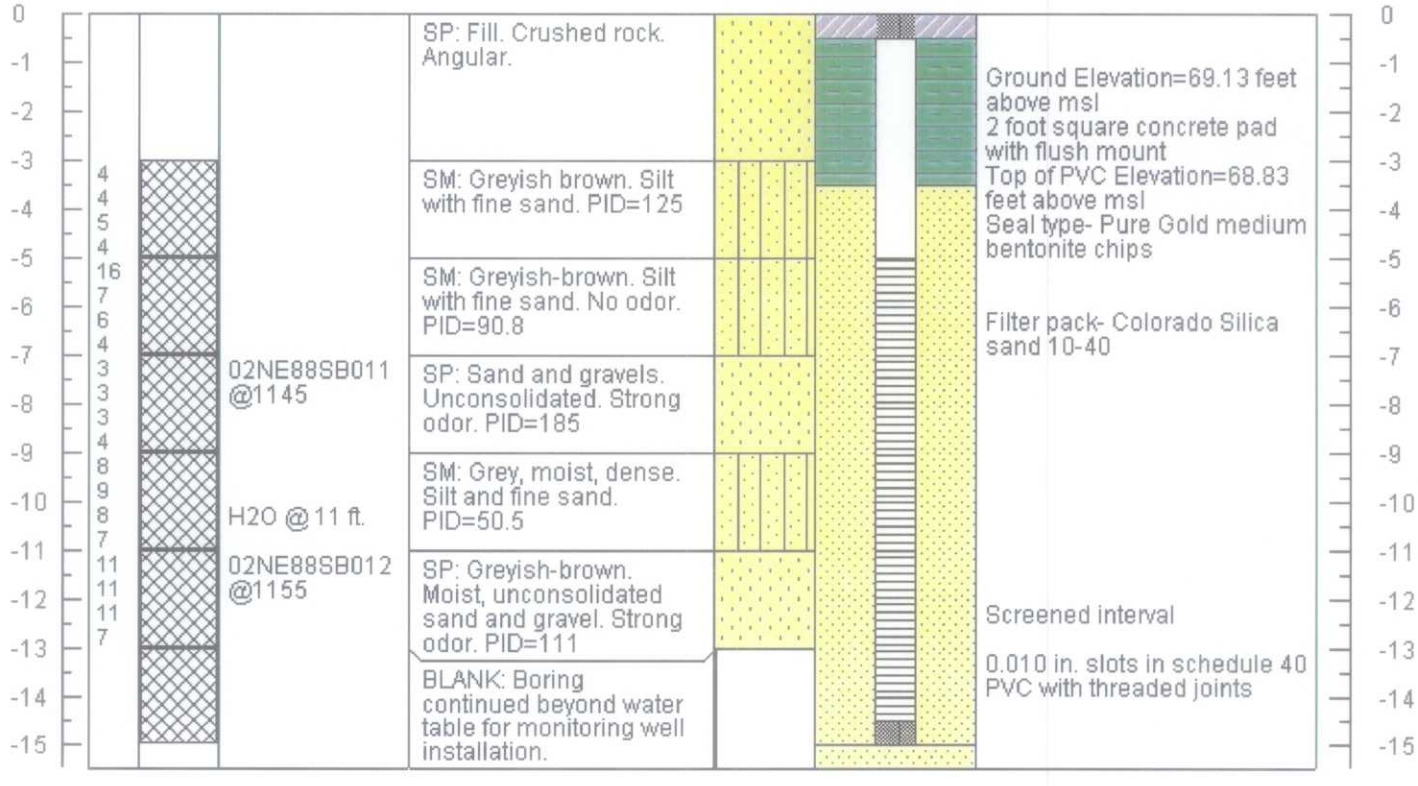
Boring Size- 8.25 in | AK State Plane Coordinates- 96140.494 / 98271.8042 Northing / Easting

Drilling Method- Hollow Stem Augur

Rig Type- 45-C

Hammer Drop- 30 in / 360 lbs | Total Depth- 15.5 ft. | Elevation Datum- MSL

Sample Type- Grab | Sampler Type- 2.5 in SS | Geologist- O'Connell | Top of Hole Elev.- 69.13 ft.



Boring # - MW 88-7 | Project- NEC Phase III RI | Client- USACE | Date- 8/18/02

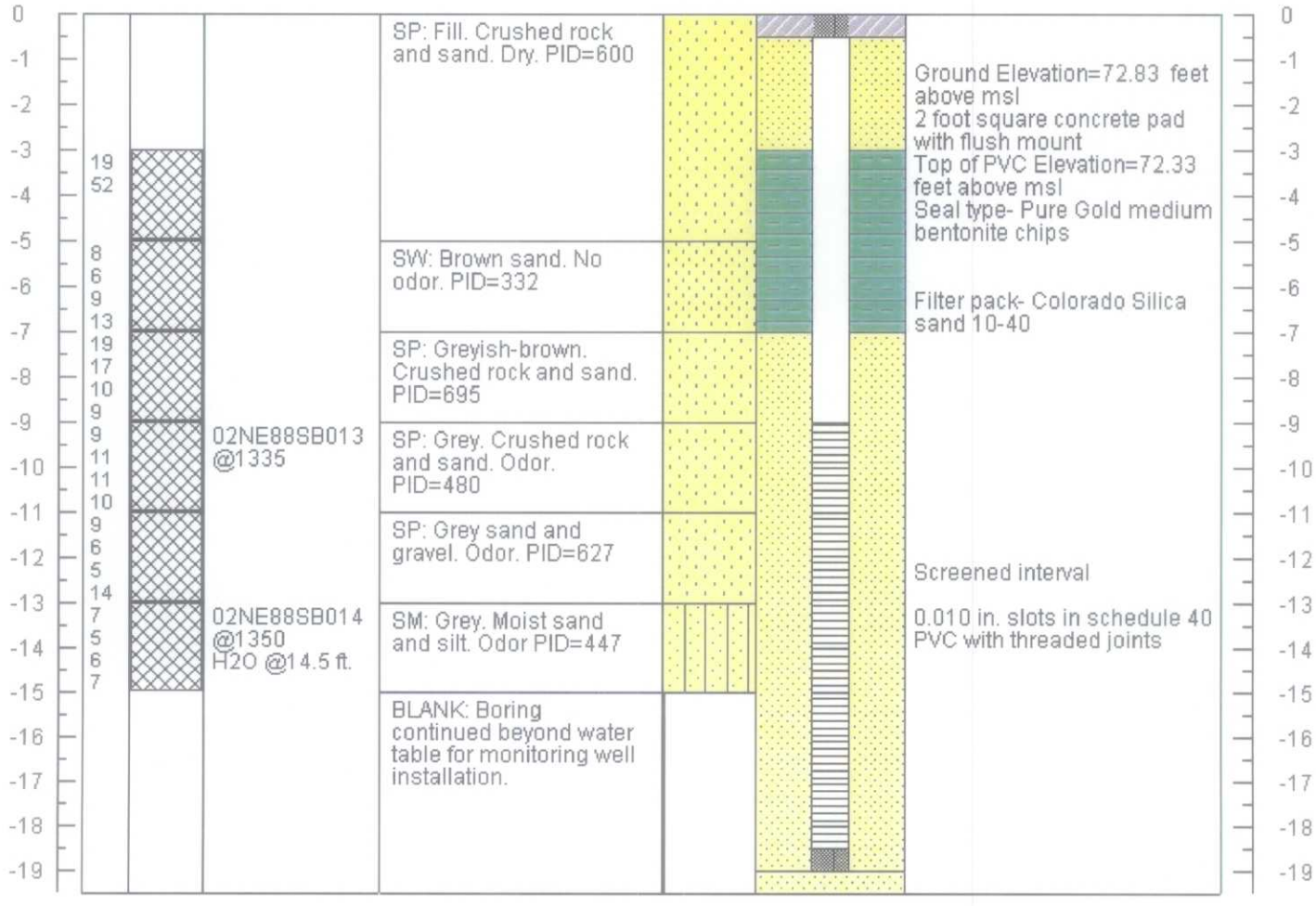
Boring Size- 8.25 in | AK State Plane Coordinates- 96033.1581 / 98271.2457 Northing / Easting

Drilling Method- Hollow Stem Augur

Rig Type- 45-C

Hammer Drop- 30 in / 360 lbs | Total Depth- 19.5 ft. | Elevation Datum- MSL

Sample Type- Grab | Sampler Type- 2.5 in SS | Geologist- O'Connell | Top of Hole Elev.- 72.83 ft.



Boring # - MW 88-8 | Project- NEC Phase III RI | Client- USACE | Date- 8/18/02

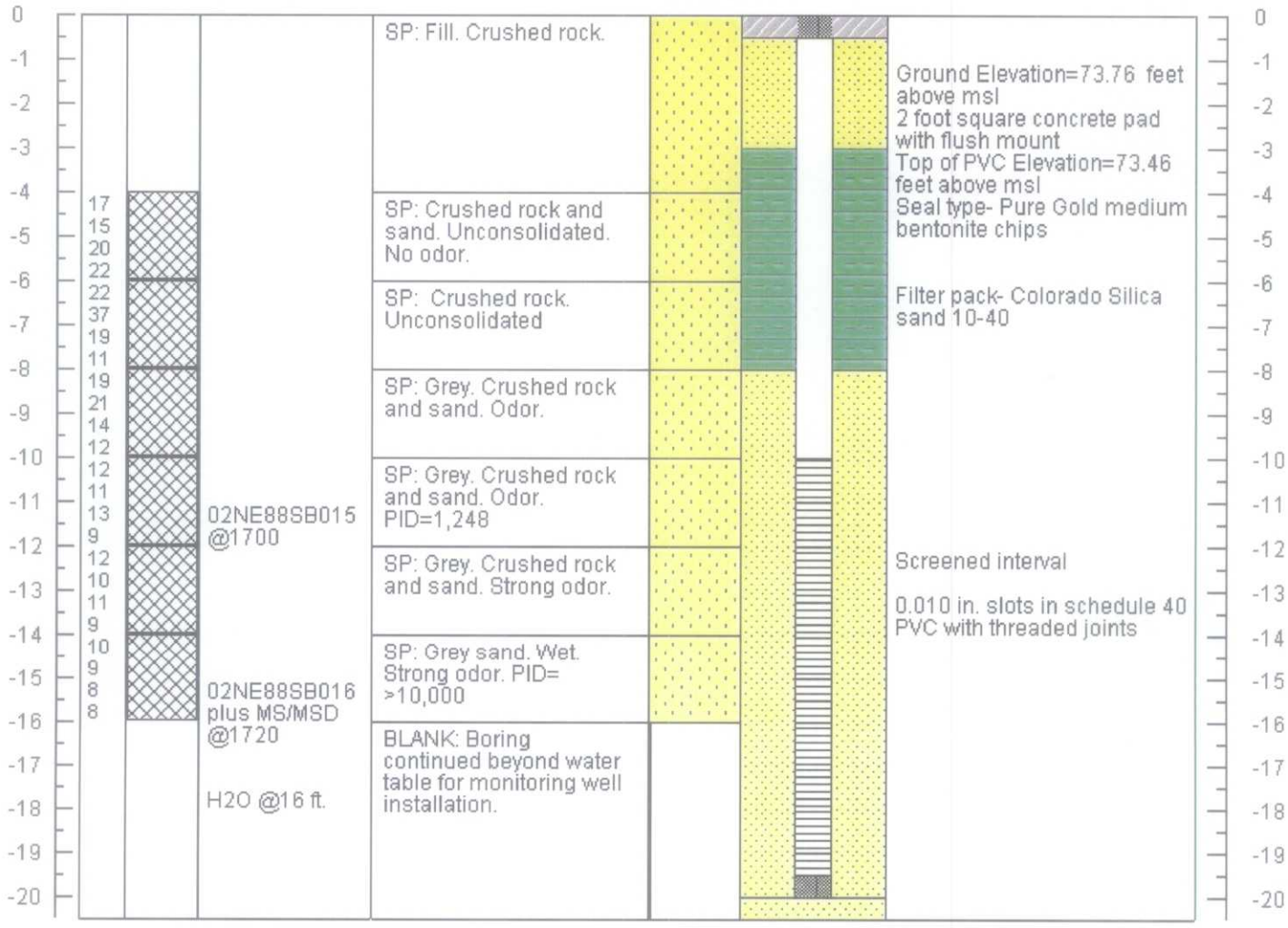
Boring Size- 8.25 in | AK State Plane Coordinates- 96083.4849 / 98185.9420 Northing / Easting

Drilling Method- Hollow Stem Augur

Rig Type- 45-C

Hammer Drop- 30 in / 360 lbs | Total Depth- 20.5 ft. | Elevation Datum- MSL

Sample Type- Grab | Sampler Type- 2.5 in SS | Geologist- O'Connell | Top of Hole Elev.- 73.76 ft.



Boring # - MW 88-9 | Project- NEC Phase III RI | Client- USACE | Date- 8/19/02

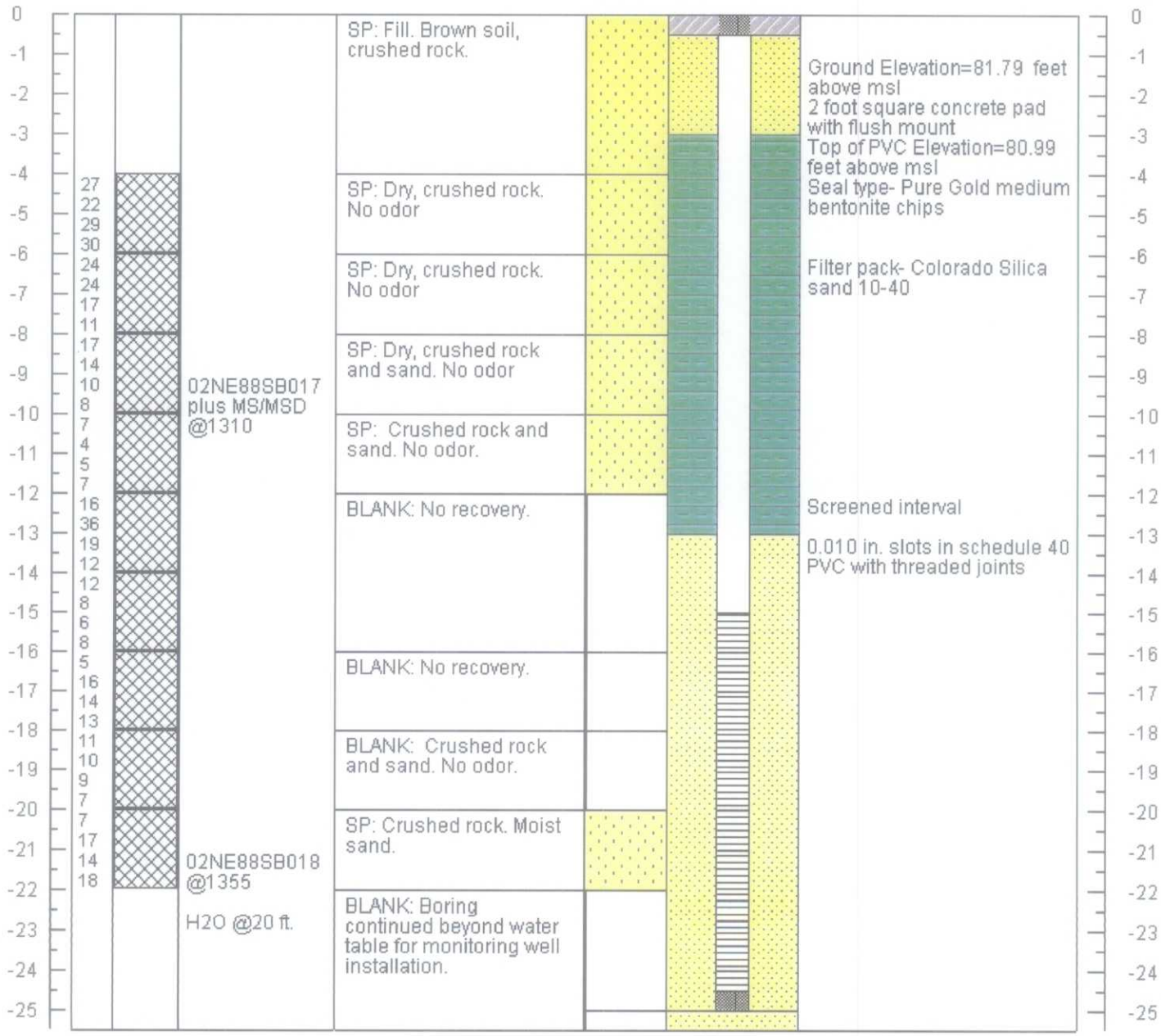
Boring Size- 8.25 in | AK State Plane Coordinates- 96154.1887 / 98.44.5023 Northing / Easting

Drilling Method- Hollow Stem Augur

Rig Type- 45-C

Hammer Drop- 30 in / 360 lbs | Total Depth- 25 ft. | Elevation Datum- MSL

Sample Type- Grab | Sampler Type- 2.5 in SS | Geologist- O'Connell | Top of Hole Elev.- 81.79 ft.



Boring # - MW 88-10 | Project- NEC Phase III RI | Client- USACE | Date- 8/19/02

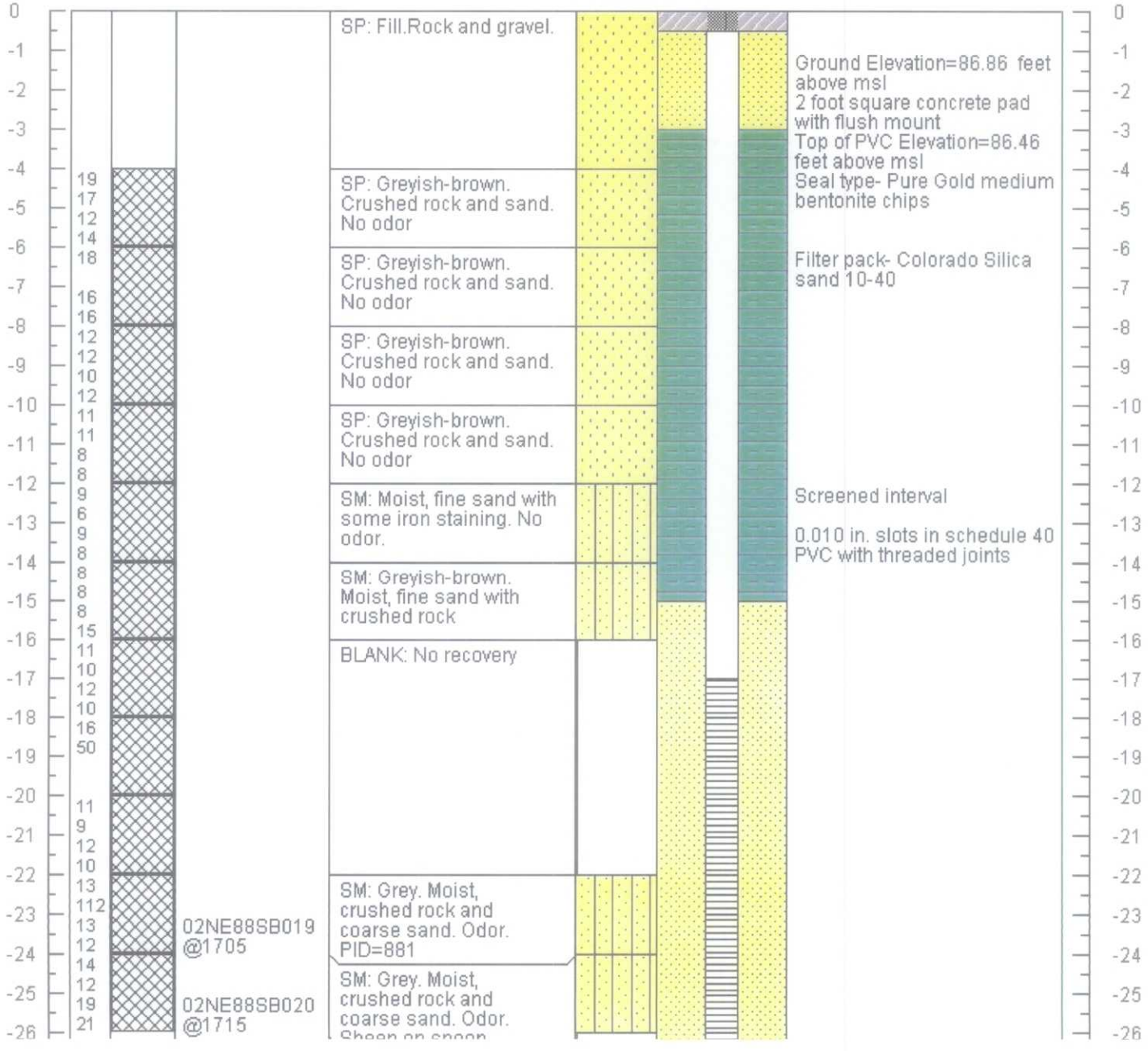
Boring Size- 8.25 in | AK State Plane Coordinates- 96293.0099 / 97970.2989 Northing / Easting

Drilling Method- Hollow Stem Augur

Rig Type- 45-C

Hammer Drop- 30 in / 360 lbs | Total Depth- 27.5 ft. | Elevation Datum- MSL

Sample Type- Grab | Sampler Type- 2.5 in SS | Geologist- O'Connell | Top of Hole Elev.- 86.86 ft.



Boring # - SB 88-11 | Project- NEC Phase III RI | Client- USACE | Date- 8/17/02

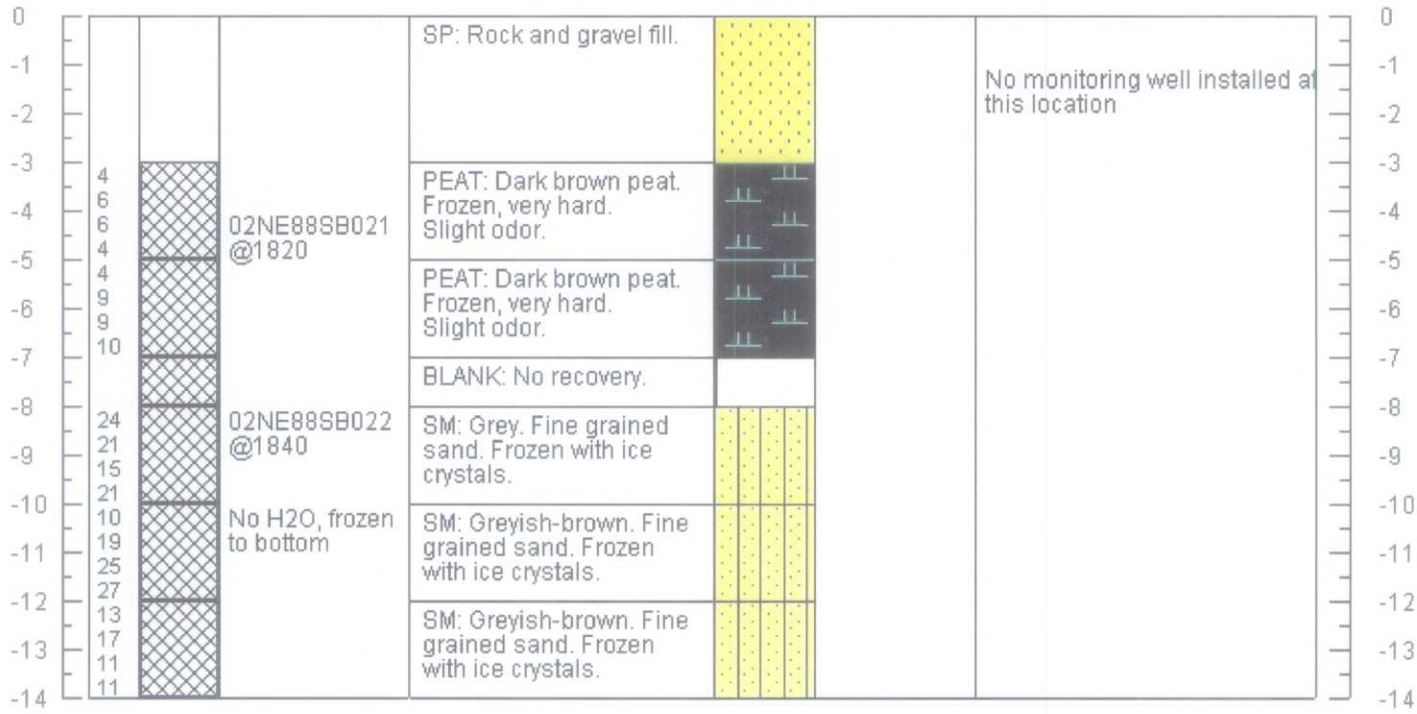
Boring Size- 8.25 in | AK State Plane Coordinates- 96241.8412 / 98320.2355 Northing / Easting

Drilling Method- Hollow Stem Augur

Rig Type- 45-C

Hammer Drop- 30 in / 360 lbs | Total Depth- 14 ft. | Elevation Datum- MSL

Sample Type- Grab | Sampler Type- 2.5 in SS | Geologist- O'Connell | Top of Hole Elev.- 66.84 ft.



Boring # - SB 88-12 | Project- NEC Phase III RI | Client- USACE | Date- 8/20/02

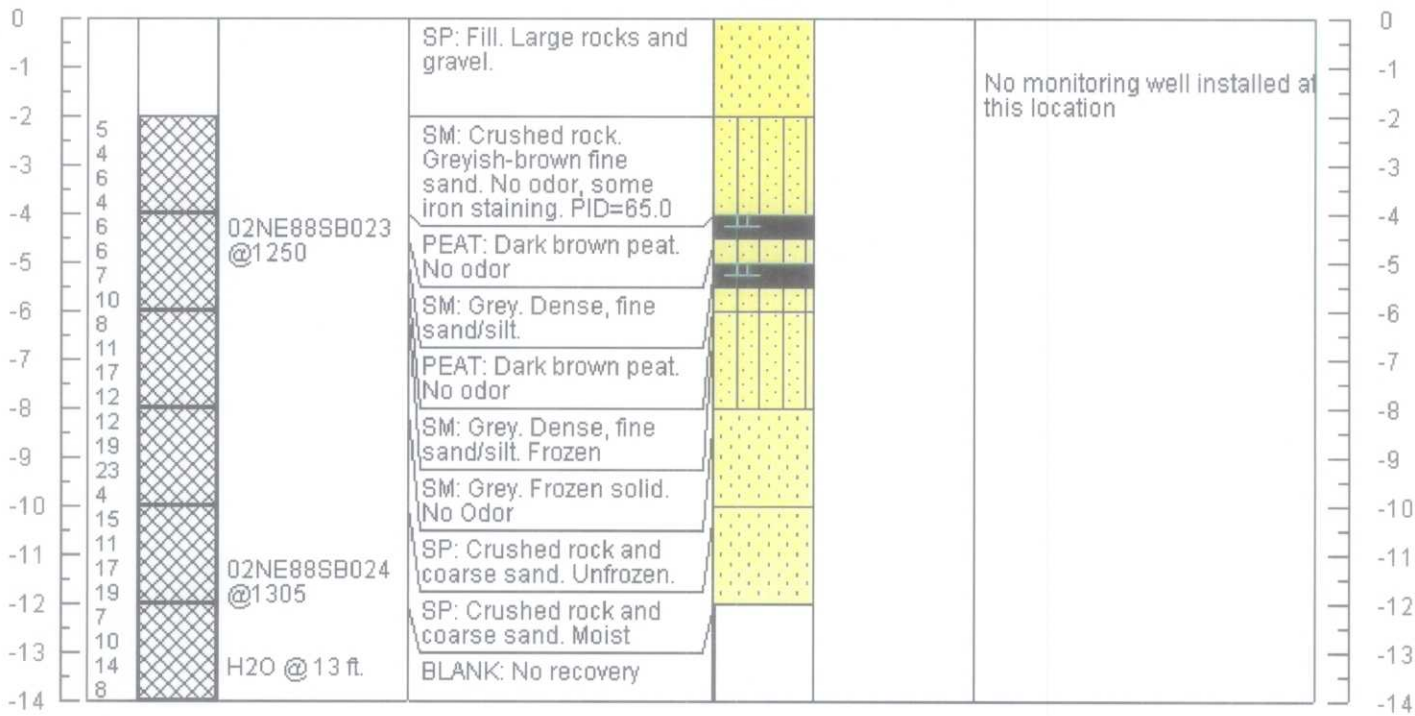
Boring Size- 8.25 in | AK State Plane Coordinates- 96398.0750 / 98329.8776 Northing / Easting

Drilling Method- Hollow Stem Augur

Rig Type- 45-C

Hammer Drop- 30 in / 360 lbs | Total Depth- 14 ft. | Elevation Datum- MSL

Sample Type- Grab | Sampler Type- 2.5 in SS | Geologist- O'Connell | Top of Hole Elev.- 69.71 ft.



Boring # - SB 88-13 | Project- NEC Phase III RI | Client- USACE | Date- 8/20/02

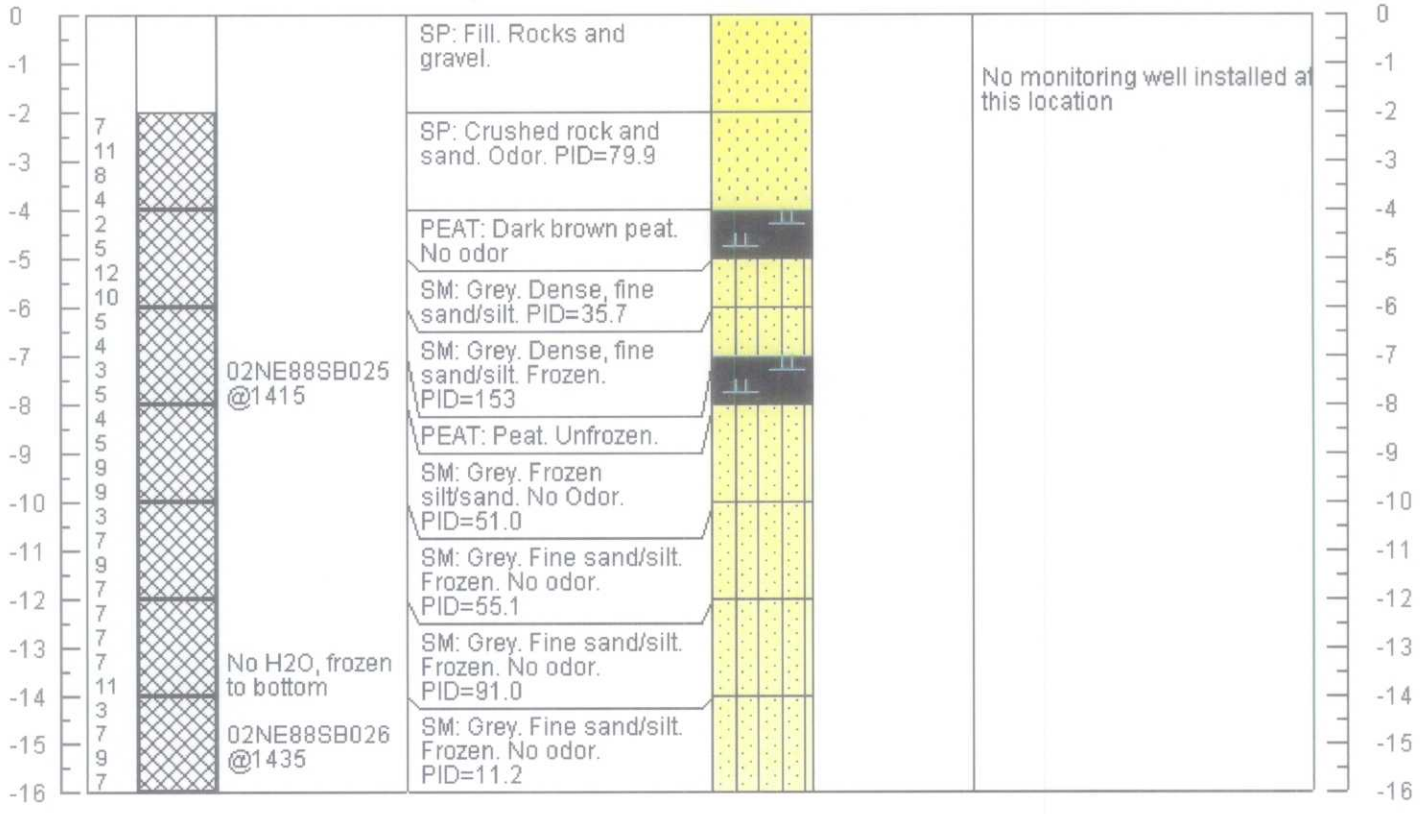
Boring Size- 8.25 in | AK State Plane Coordinates- 96341.1182 / 98303.2553 Northing / Easting

Drilling Method- Hollow Stem Augur

Rig Type- 45-C

Hammer Drop- 30 in / 360 lbs | Total Depth- 16 ft. | Elevation Datum- MSL

Sample Type- Grab | Sampler Type- 2.5 in SS | Geologist- O'Connell | Top of Hole Elev.- 69.51 ft.



Boring # - SB 88-14 | Project- NEC Phase III RI | Client- USACE | Date- 8/20/02

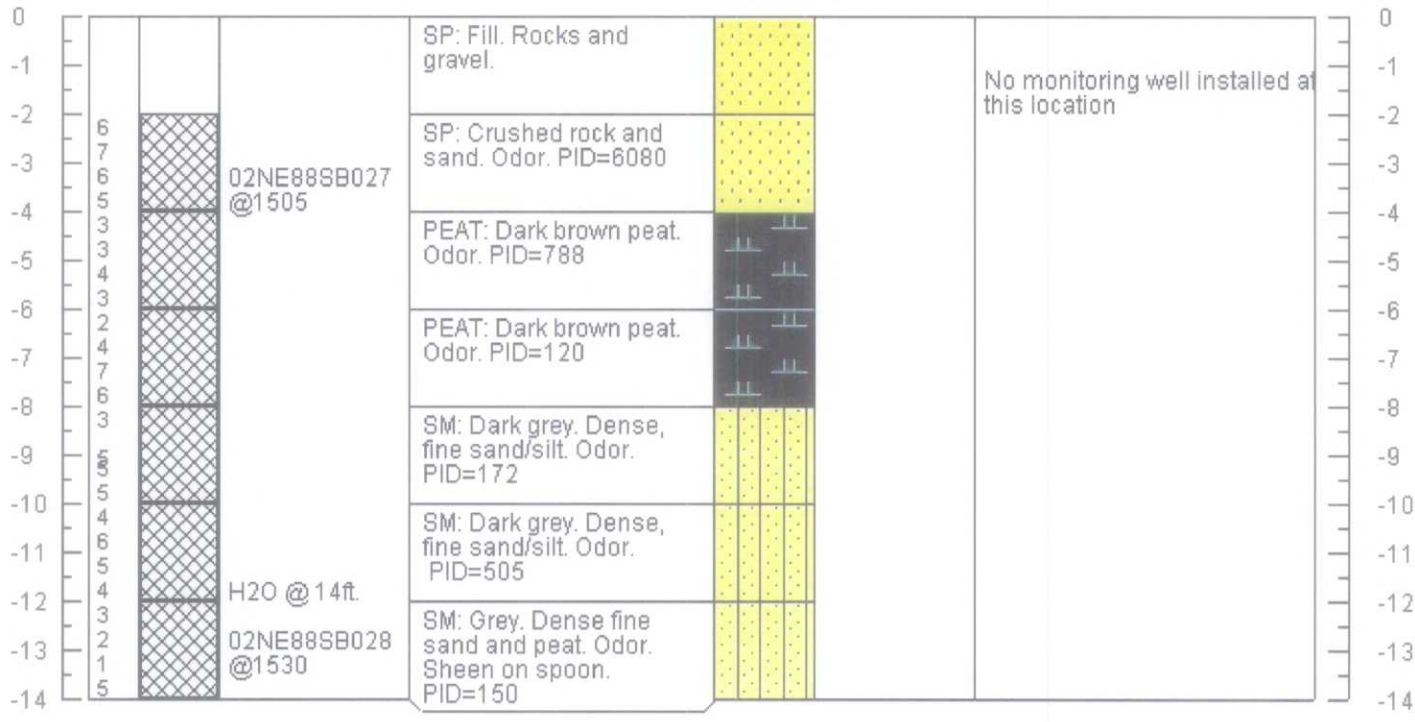
Boring Size- 8.25 in | AK State Plane Coordinates- 96251.2105 / 98292.8032 Northing / Easting

Drilling Method- Hollow Stem Augur

Rig Type- 45-C

Hammer Drop- 30 in / 360 lbs | Total Depth- 14 ft. | Elevation Datum- MSL

Sample Type- Grab | Sampler Type- 2.5 in SS | Geologist- O'Connell | Top of Hole Elev.- 67.11 ft.



Boring # - SB 88-15 | Project- NEC Phase III RI | Client- USACE | Date- 8/20/02

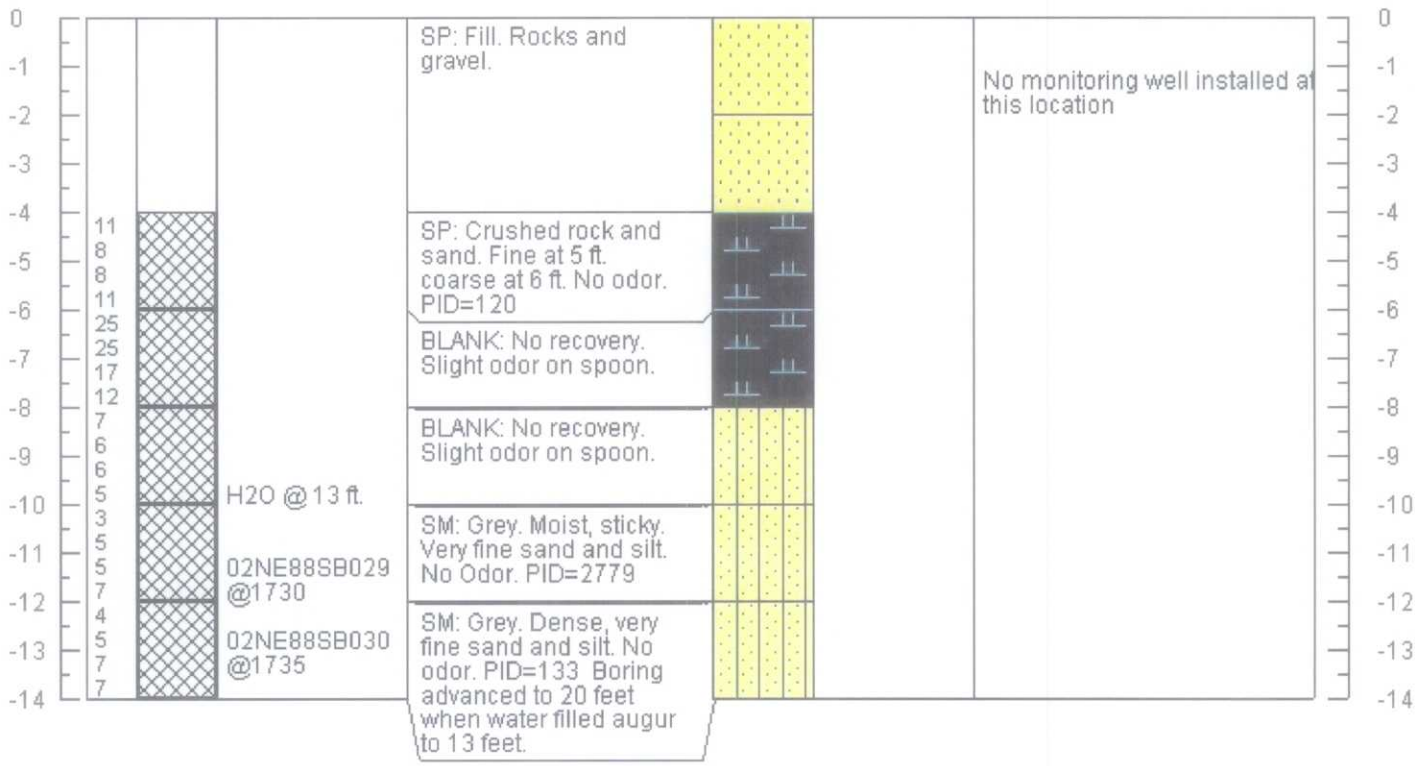
Boring Size- 8.25 in | AK State Plane Coordinates- 96253.7345 / 98224.4465 Northing / Easting

Drilling Method- Hollow Stem Augur

Rig Type- 45-C

Hammer Drop- 30 in / 360 lbs | Total Depth- 14 ft. | Elevation Datum- MSL

Sample Type- Grab | Sampler Type- 2.5 in SS | Geologist- O'Connell | Top of Hole Elev.- 71.21 ft.



Boring # - SB 88-16 | Project- NEC Phase III RI | Client- USACE | Date- 8/20/02

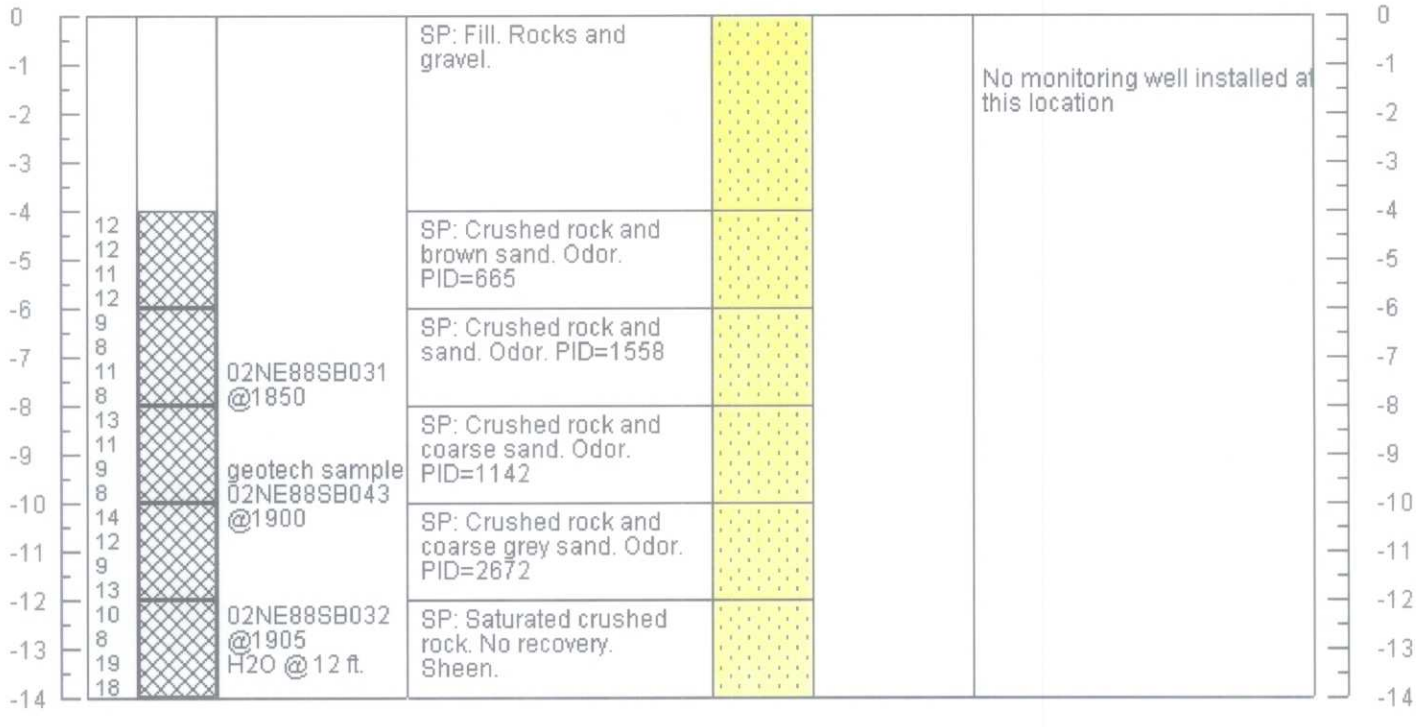
Boring Size- 8.25 in | AK State Plane Coordinates- 96260.0342 / 98182.7094 Northing / Easting

Drilling Method- Hollow Stem Augur

Rig Type- 45-C

Hammer Drop- 30 in / 360 lbs | Total Depth- 14.0 ft. | Elevation Datum- MSL

Sample Type- Grab | Sampler Type- 2.5 in SS | Geologist- O'Connell | Top of Hole Elev.- 72.95 ft.



Boring # - SB 88-17 | Project- NEC Phase III RI | Client- USACE | Date- 8/21/02

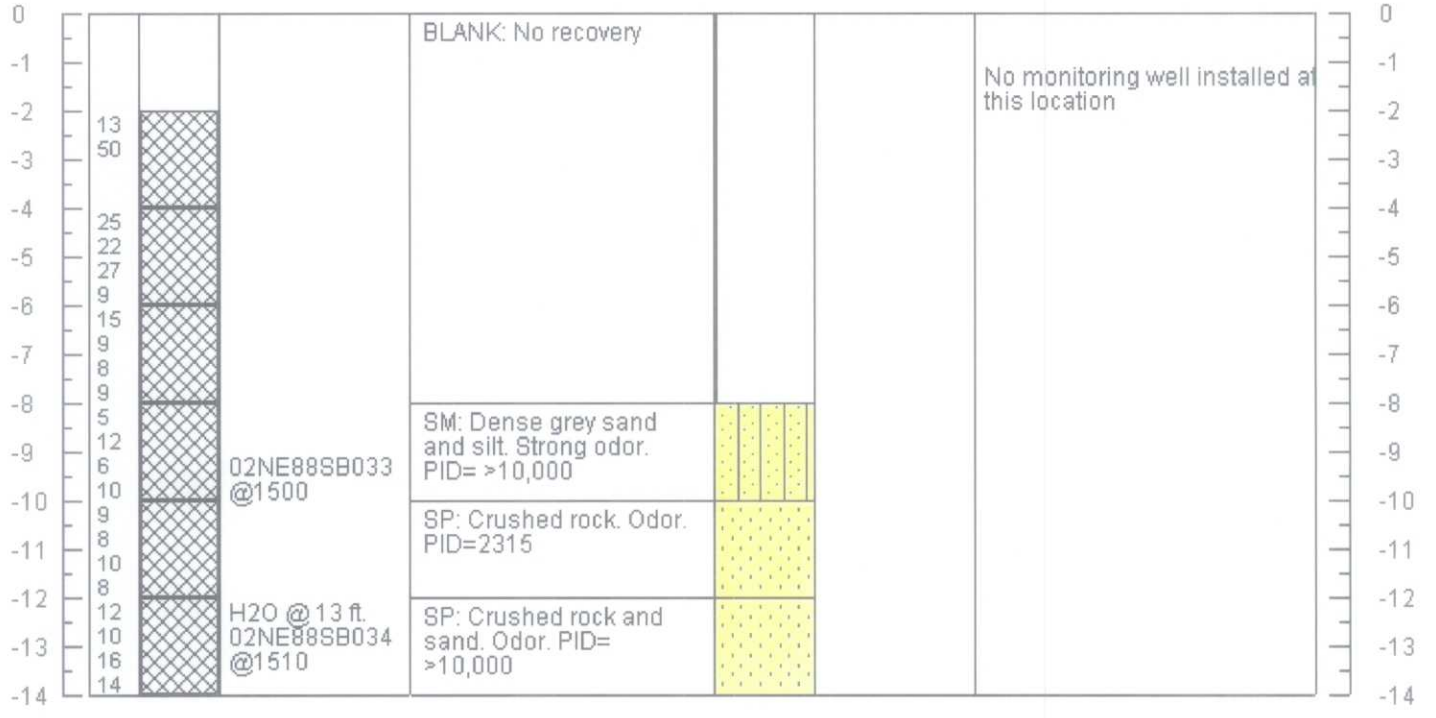
Boring Size- 8.25 in | AK State Plane Coordinates- 96171.5812 / 98270.0480 Northing / Easting

Drilling Method- Hollow Stem Augur

Rig Type- 45-C

Hammer Drop- 30 in / 360 lbs | Total Depth- 14 ft. | Elevation Datum- MSL

Sample Type- Grab | Sampler Type- 2.5 in SS | Geologist- O'Connell | Top of Hole Elev.- 69.65 ft.



Boring # - SB 88-18 | Project- NEC Phase III RI | Client- USACE | Date- 8/21/02

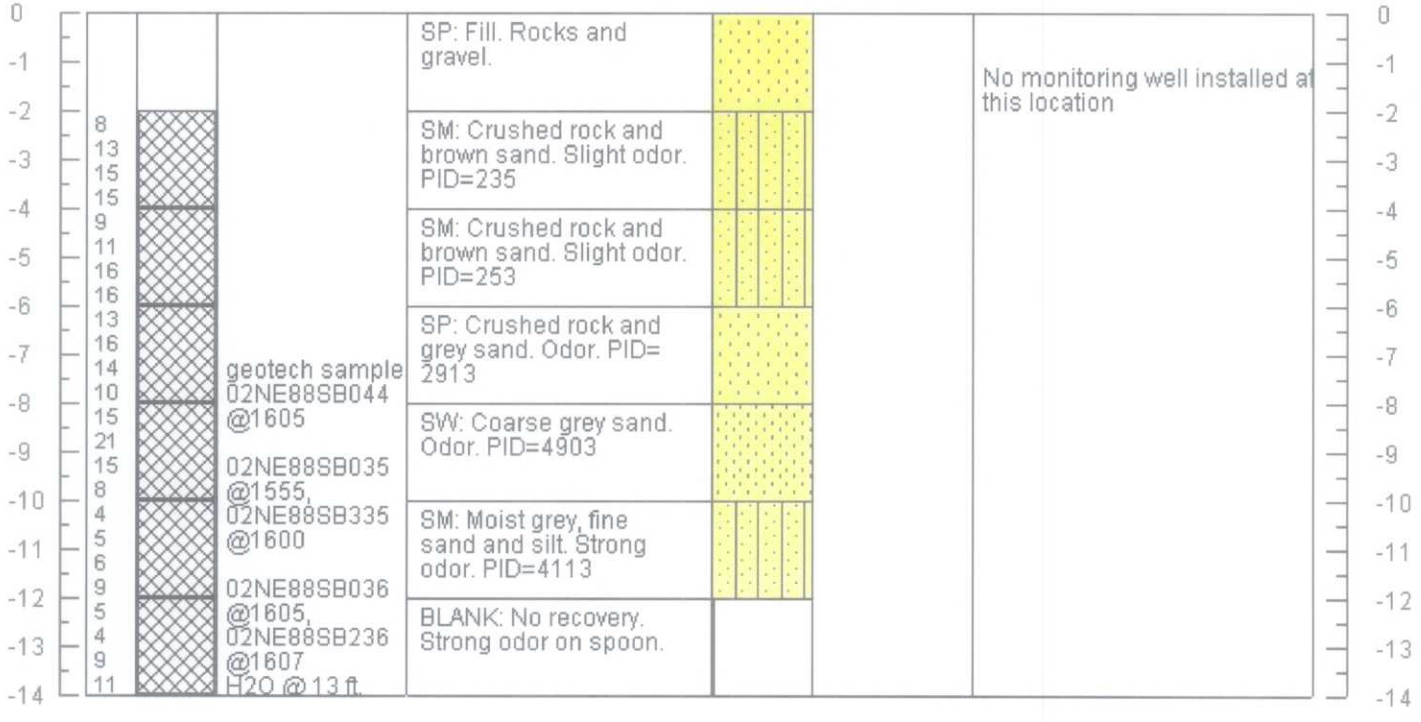
Boring Size- 8.25 in | AK State Plane Coordinates- 96070.5355 / 98228.2467 Northing / Easting

Drilling Method- Hollow Stem Augur

Rig Type- 45-C

Hammer Drop- 30 in / 360 lbs | Total Depth- 14 ft. | Elevation Datum- MSL

Sample Type- Grab | Sampler Type- 2.5 in SS | Geologist- O'Connell | Top of Hole Elev.- 71.93 ft.



Boring # - SB 22-1 (SB 88-20) Project- NEC Phase III RI Client- USACE Date- 8/20/02

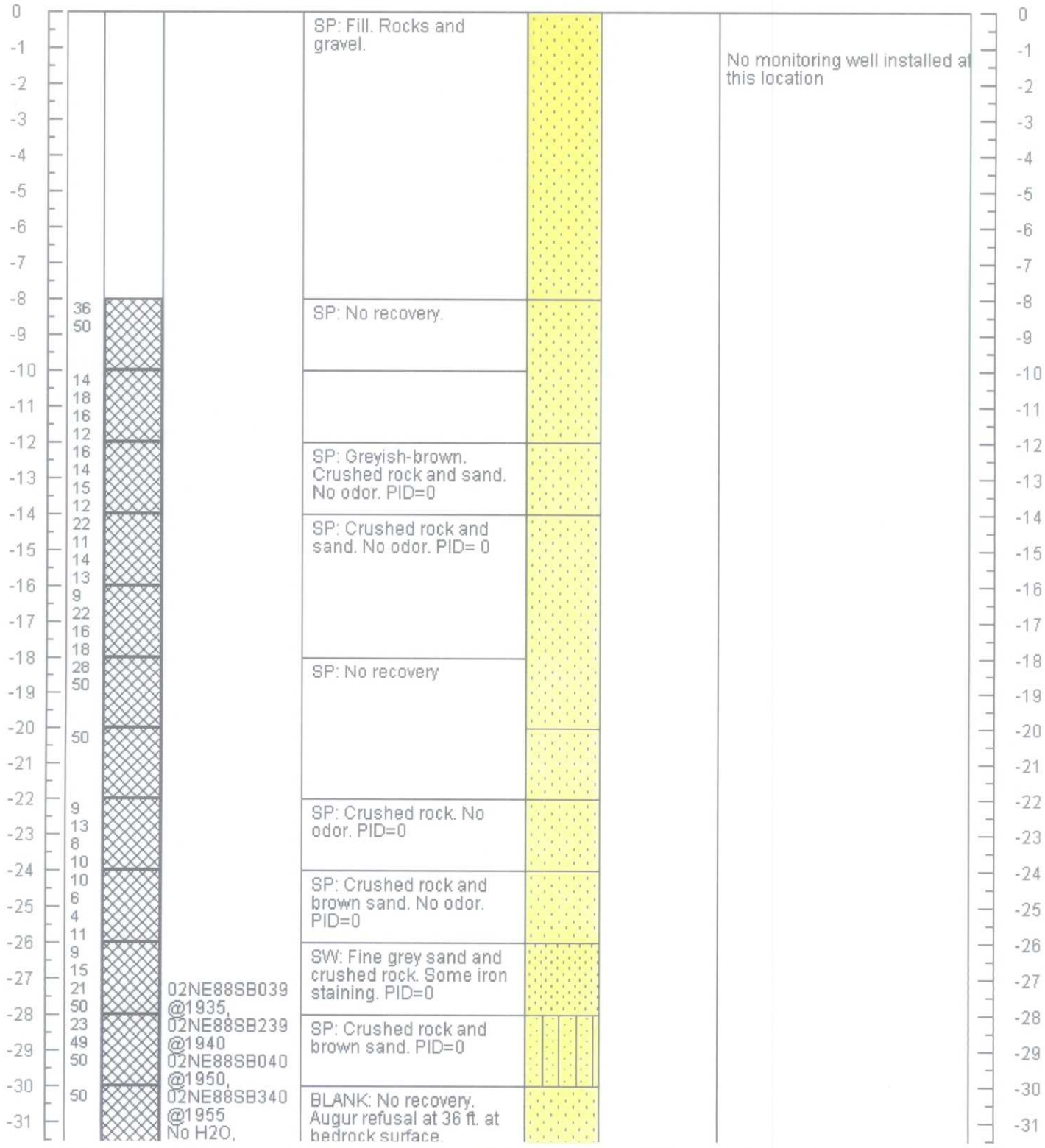
Boring Size- 8.25 in AK State Plane Coordinates- 96233.7486 / 97685.3823

Drilling Method- Hollow Stem Augur Northing / Easting

Rig Type- 45-C

Hammer Drop- 30 in / 360 lbs Total Depth- 36 ft. Elevation Datum- MSL

Sample Type- Grab Sampler Type- 2.5 in SS Geologist- O'Connell Top of Hole Elev.- 98.14 ft.



Boring # - SB 22-1 (SB 88-20) Project- NEC Phase III RI Client- USACE Date- 8/20/02

Boring Size- 8.25 in AK State Plane Coordinates- 96233.7486 / 97685.3823

Drilling Method- Hollow Stem Augur Northing / Easting

Rig Type- 45-C

Hammer Drop- 30 in / 360 lbs Total Depth- 36 ft. Elevation Datum- MSL

Sample Type- Grab Sampler Type- 2.5 in SS Geologist- O'Connell Top of Hole Elev.- 98.14 ft.

Blows	Sample Interval	Sample ID	Soil Class and Description	Soil Lithology	Well Construction Details



Boring # - SB 22-2 (SB 88-19) Project- NEC Phase III RI Client- USACE Date- 8/22/02

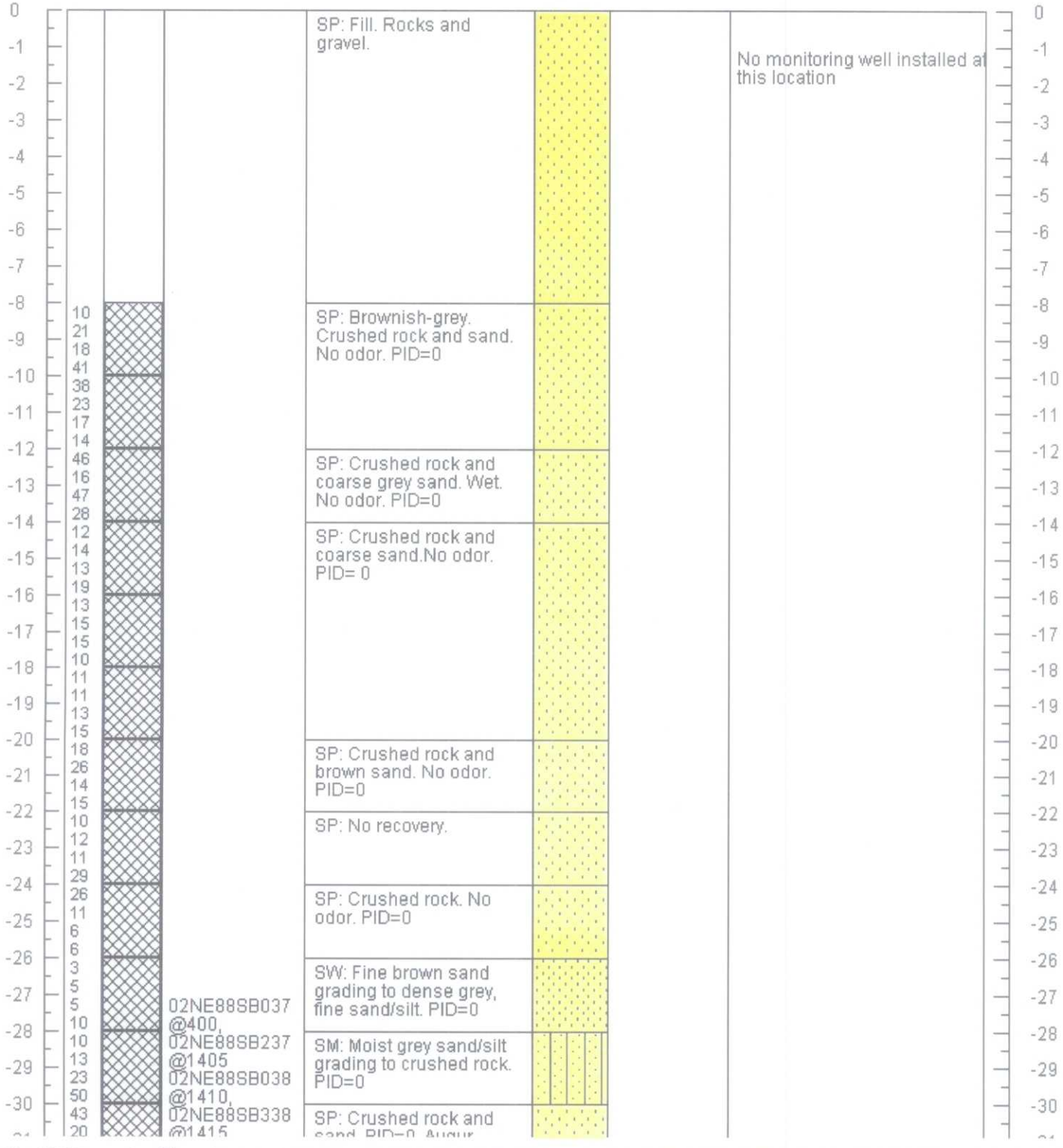
Boring Size- 8.25 in AK State Plane Coordinates- 96206.4925 / 97683.0309

Drilling Method- Hollow Stem Augur Northing / Easting

Rig Type- 45-C

Hammer Drop- 30 in / 360 lbs Total Depth- 32 ft Elevation Datum- MSL

Sample Type- Grab Sampler Type- 2.5 in SS Geologist- O'Connell Top of Hole Elev.- 97.75 ft.



APPENDIX B

Sample Plan Checklist, Chain-of-Custody Forms, and Lab Receipts

NEC July sampling
Sampling Summary

Site No.	**Site Description**	**Sample Location**	**Sample ID**
	METHOD		
35			01NE35GW101
			01NE35GW102
			01NE35GW103
			01NE35GW104
	01NE35GW101	FD	01NE35GW201
	01NE35GW101	QA	01NE35GW301
			01NE35TB101
		TB	01NE35TB102
		QATB	01NE35TB302
		Total Primary Samples	**Sampled to Date**
		Field Duplicates	
		MS/MSD set	
		Trip blanks	
		Equipment blanks	
		QA samples	
		QA MS/MSD set	
		QA Trip blank	

Natural Attenuation measurements include - field parameters: pH , temperature, oxidation reductio
Geotechnical parameters include - moisture content ASTM D2216, Sieve Analysis ASTM D-422, D
Water Quality Field parameters include - pH, conductivity, temperature, turbidity

Site 28 Northeast Cape 2001 Phase III RI
sampling plan
Northeast Cape, St. Lawrence Island, Alaska

						Soil/Sediment					Surface Water	
Site No.	Site Description	Sample Location	Sample ID			DRO/ RRO	PAHs	PCBs	Pb, Zn, Cr	TOC	DRO/ RRO	PCBs
	METHOD			DATE	TIME	AK 102/ 103	SW 8270C SIM	SW 8082	SW 6010B	LAB METHOD	AK 102/ 103	SW 8082
28	Drainage Basin Area	Drainage Basin Surface Water										
		6 SW SAMPLES	01NE28SW111	18-Aug	1002						1	1
			01NE28SW112	18-Aug	1455						1	1
			01NE28SW113	18-Aug	1710						1	1
			01NE28SW114	19-Aug	1415						1	1
			01NE28SW115	19-Aug	1430						1	1
			01NE28SW116	20-Aug	1010						1	1
	01NE28SW111	FD	01NE28SW211	18-Aug	1010						FD	FD
	01NE28SW111	QA	01NE28SW311	18-Aug	1002						QA	QA
	01NE28SW111	MS/MSD	01NE28SW111	18-Aug	1002						MS	MS
	01NE28SW111	QA MS/MSD	01NE28SW311	18-Aug	1002						QAMS	QAMS
		Drainage Basin Soil/Sediment										
	1	CROSS SECTION I	01NE28SD111	18-Aug	1025	1	1	1	1	1		
	2	6 SD SAMPLES	01NE28SD112	18-Aug	1040	1	1	1	1	1		
	3	111-116	01NE28SD113	18-Aug	1045	1	1	1	1	1		
	4		01NE28SD114	18-Aug	1050	1	1	1	1	1		
	5		01NE28SD115	18-Aug	1055	1	1	1	1	1		
	6		01NE28SD116	18-Aug	1100	1	1	1	1	1		
	01NE28SD111	FD	01NE28SD211	18-Aug	1030	FD	FD	FD	FD			
	01NE28SD111	QA	01NE28SD311	18-Aug	1025	QA	QA	QA	QA			
	01NE28SD111	MS/MSD	01NE28SD111	18-Aug	1025	MS	MS	MS	MS			
	01NE28SD111	QA MS/MSD	01NE28SD311	18-Aug	1025	QAMS	QAMS	QAMS	QAMS			
	01NE28SD111	USACE split	01NE28SD411	18-Aug	1025							
	1	CROSS SECTION 2	01NE28SD117	18-Aug	1325	1	1	1	1	1		
	2	6 SD SAMPLES	01NE28SD118	18-Aug	1335	1	1	1	1	1		
	3	117-122	01NE28SD119	18-Aug	1340	1	1	1	1	1		
	4		01NE28SD120	18-Aug	1345	1	1	1	1	1		
	5		01NE28SD121	18-Aug	1350	1	1	1	1	1		
	6		01NE28SD122	18-Aug	1355	1	1	1	1	1		
	1	CROSS SECTION 3	01NE28SD123	18-Aug	1510	1	1	1	1	1		
	2	6 SD SAMPLES	01NE28SD124	18-Aug	1520	1	1	1	1	1		
	3	123-128	01NE28SD125	18-Aug	1525	1	1	1	1	1		
	4		01NE28SD126	18-Aug	1540	1	1	1	1	1		
	5		01NE28SD127	18-Aug	1545	1	1	1	1	1		
	6		01NE28SD128	18-Aug	1550	1	1	1	1	1		
	01NE28SD125	FD	01NE28SD225	18-Aug	1530	FD	FD	FD	FD			
	01NE28SD125	QA	01NE28SD325	18-Aug	1525	QA	QA	QA	QA			
	01NE28SD125	MS/MSD	01NE28SD125	18-Aug	1525	MS	MS	MS	MS			
	01NE28SD125	USACE split	01NE28SD425	18-Aug	1525							
	1	CROSS SECTION 4	01NE28SD129	18-Aug	1610	1	1	1	1	1		
	2	6 SD SAMPLES	01NE28SD130	18-Aug	1615	1	1	1	1	1		
	3	129-134	01NE28SD131	18-Aug	1620	1	1	1	1	1		
	4		01NE28SD132	18-Aug	1625	1	1	1	1	1		
	5		01NE28SD133	18-Aug	1630	1	1	1	1	1		
	6		01NE28SD134	18-Aug	1635	1	1	1	1	1		
	1	CROSS SECTION 5	01NE28SD135	19-Aug	1000	1	1	1	1	1		
	2	6 SD SAMPLES	01NE28SD136	19-Aug	1010	1	1	1	1	1		
	3	135-140	01NE28SD137	19-Aug	1015	1	1	1	1	1		
	4		01NE28SD138	19-Aug	1025	1	1	1	1	1		
	5		01NE28SD139	19-Aug	1035	1	1	1	1	1		
	6		01NE28SD140	19-Aug	1100	1	1	1	1	1		
	01NE28SD139	FD	01NE28SD239	19-Aug	1040	FD	FD	FD	FD			
	01NE28SD139	QA	01NE28SD339	19-Aug	1035	QA	QA	QA	QA			
	01NE28SD139	MS/MSD	01NE28SD139	19-Aug	1035	MS	MS	MS	MS			
	1	CROSS SECTION 6	01NE28SD141	19-Aug	1310	1	1	1	1	1		
	2	6 SD SAMPLES	01NE28SD142	19-Aug	1315	1	1	1	1	1		
	3	141-146	01NE28SD143	19-Aug	1325	1	1	1	1	1		
	4		01NE28SD144	19-Aug	1335	1	1	1	1	1		
	5		01NE28SD145	19-Aug	1345	1	1	1	1	1		
	6		01NE28SD146	19-Aug	1355	1	1	1	1	1		
	1	CROSS SECTION 7	01NE28SD147	19-Aug	1455	1	1	1	1	1		
	2	6 SD SAMPLES	01NE28SD148	19-Aug	1505	1	1	1	1	1		
	3	147-152	01NE28SD149	19-Aug	1510	1	1	1	1	1		
	4		01NE28SD150	19-Aug	1520	1	1	1	1	1		
	5		01NE28SD151	19-Aug	1530	1	1	1	1	1		
	6		01NE28SD152	19-Aug	1545	1	1	1	1	1		
	01NE28SD151	FD	01NE28SD251	19-Aug	1535	FD	FD	FD	FD			
	01NE28SD151	QA	01NE28SD351	19-Aug	1530	QA	QA	QA	QA			
	01NE28SD151	MS/MSD	01NE28SD151	19-Aug	1530	MS	MS	MS	MS			
	01NE28SD151	USACE split	01NE28SD451	19-Aug	1530							
	1	CROSS SECTION 8	01NE28SD153	19-Aug	1610	1	1	1	1	1		
	2	6 SD SAMPLES	01NE28SD154	19-Aug	1620	1	1	1	1	1		
	3	153-158	01NE28SD155	19-Aug	1625	1	1	1	1	1		
	4		01NE28SD156	19-Aug	1630	1	1	1	1	1		
	5		01NE28SD157	19-Aug	1635	1	1	1	1	1		
	6		01NE28SD158	19-Aug	1645	1	1	1	1	1		
	01NE28SD153	FD	01NE28SD253	19-Aug	1615	FD	FD	FD	FD			
	01NE28SD153	QA	01NE28SD353	19-Aug	1610	QA	QA	QA	QA			
	01NE28SD157	FD	01NE28SD257	19-Aug	1640	FD	FD	FD	FD			
	01NE28SD157	QA	01NE28SD357	19-Aug	1635	QA	QA	QA	QA			
	1	CROSS SECTION 9	01NE28SD159	20-Aug	1355	1	1	1	1	1		
	2	6 SD SAMPLES	01NE28SD160	20-Aug	1405	1	1	1	1	1		
	3	159-164	01NE28SD161	20-Aug	1410	1	1	1	1	1		
	4	unable to sample	01NE28SD162			x	x	x	x	x		
	5		01NE28SD163	20-Aug	1430	1	1	1	1	1		
	6		01NE28SD164	20-Aug	1440	1	1	1	1	1		
	01NE28SD163	FD	01NE28SD263	20-Aug	1435	FD	FD	FD	FD			
	01NE28SD163	QA	01NE28SD363	20-Aug	1430	QA	QA	QA	QA			
	01NE28SD163	USACE split	01NE28SD463	20-Aug								

Site 28 Northeast Cape 2001 Phase III RI
sampling plan
Northeast Cape, St. Lawrence Island, Alaska

						Soil/Sediment					Surface Water	
Site No.	Site Description	Sample Location	Sample ID			DRO/ RRO	PAHs	PCBs	Pb, Zn, Cr	TOC	DRO/ RRO	PCBs
	METHOD			DATE	TIME	AK 102/ 103	SW 8270C SIM	SW 8082	SW 6010B	LAB METHOD	AK 102/ 103	SW 8082
	1	CROSS SECTION 10	01NE28SD165	20-Aug	1450	1	1	1	1	1		
	2	6 SD SAMPLES	01NE28SD166	20-Aug	1455	1	1	1	1	1		
	3	165-170	01NE28SD167	20-Aug	1505	1	1	1	1	1		
	4		01NE28SD168	20-Aug	1510	1	1	1	1	1		
	5		01NE28SD169	20-Aug	1515	1	1	1	1	1		
	6		01NE28SD170	20-Aug	1530	1	1	1	1	1		
	1	CROSS SECTION 11	01NE28SD171	20-Aug	1020	1	1	1	1	1		
	2	6 SD SAMPLES	01NE28SD172	20-Aug	1030	1	1	1	1	1		
	3	171-176	01NE28SD173	20-Aug	1035	1	1	1	1	1		
	4		01NE28SD174	20-Aug	1040	1	1	1	1	1		
	5		01NE28SD175	20-Aug	1045	1	1	1	1	1		
	6		01NE28SD176	20-Aug	1055	1	1	1	1	1		
	01NE28SD171	FD	01NE28SD271	20-Aug	1025	FD	FD	FD	FD			
	01NE28SD171	QA	01NE28SD371	20-Aug	1020	QA	QA	QA	QA			
	01NE28SD171	USACE split	01NE28SD471	20-Aug	1020							
	01NE28SD175	FD	01NE28SD275	20-Aug	1050	FD	FD	FD	FD			
	01NE28SD175	QA	01NE28SD375	20-Aug	1045	QA	QA	QA	QA			
	1	CROSS SECTION 12	01NE28SD177	20-Aug	1115	1	1	1	1	1		
	2	6 SD SAMPLES	01NE28SD178	20-Aug	1120	1	1	1	1	1		
	3	177-182	01NE28SD179	20-Aug	1125	1	1	1	1	1		
	4		01NE28SD180	20-Aug	1130	1	1	1	1	1		
	5		01NE28SD181	20-Aug	1135	1	1	1	1	1		
	6		01NE28SD182	20-Aug	1140	1	1	1	1	1		
		Total Primary Samples				71	71	71	71	71	6	6
		Field Duplicates				9	9	9	9	0	1	1
		MS/MSD Sets				4	4	4	4	0	1	1
		Trip blanks				0	0	0	0	0	0	0
		Equipment blanks				0	0	0	0	0	0	0
		QA samples				9	9	9	9	0	1	1
		QA MS/MSD sets				1	1	1	1	0	1	1
		QA Trip blanks				0	0	0	0	0	0	0
		Total Primary Samples				72	72	72	72	72	6	6
		QA/QC										
		Field Duplicates				8	8	8	8	8	1	1
		MS/MSD Sets				4	4	4	4	4	1	1
		Trip blanks				0	0	0	0	0	0	0
		Equipment blanks				0	0	0	0	0	0	0
		QA samples				8	8	8	8	8	1	1
		QA MS/MSD sets				1	1	1	0	1	1	1
		QA Trip blanks				0	0	0	0	0	0	0

Site 28 sampled to date

Site 28 total samples pre-sampling plan

NEC August sites (not including site 28)
Sampling Summary

						Soil/Sediment											Groundwater/Surface Water								
Site No.	Site Description	Sample Location	Sample ID			DRO/ RRO	GRO	BTEX	VOCs	PAHs	PCBs	Pesti-cides	TAL Metals	Pb	Pb, Zn, Cr	TOC	DRO	DRO/ RRO	GRO	GRO/ BTEX	VOCs	SVOCs	PAH	PCBs	TAL Metals	Natural Attenuation
	METHOD			DATE	TIME	AK 102/ 103	AK 101	SW 8260B SIM	SW 8260B	SW 8270C SIM	SW 8082	SW 8081	SW 6010/ 7000	SW 7421	SW 6010B	LAB METHOD	AK 102	AK 102/ 103	AK 101	AK101/SW 8260B	SW 8260	SW 8270	SW 8270C SIM	SW 8082		
3	Pumphouse	Groundwater (Well Points)																							
		WP 3-2	01NE03WP102	8/25/01	1015													1							
		WP3-3	01NE03WP103	8/25/01	1045													1							
		WP3-4	01NE03WP104	8/25/01	1115													1							
4	Subsistence Camp	Groundwater (Well Points)																							
		WP 4-2	01NE04WP102	8/25/01	1200													1							
		WP4-3	01NEO4WP103	8/25/01	1345													1							
		WP4-4	01NE04WP104	8/25/01	1500													1							
		TB	01NE00TB115	8/24/01	1900															TB	TB				
6	Cargo Beach Drum	Groundwater (Well Points 06-1,-2)																							
		WP 6-1	01NE06WP101															NO							
		WP6-2	01NE06WP102	8/27/01	1411													1							
			01NE06SW116	8/26/01	1100													1							
		Groundwater (Well Point 06-3)																							
		WP 6-3	01NE06WP103	8/25/01	1700													1		1				1	1
		TB	01NE00TB101	8/18/01	1600		TB	TB																	
		Soil from Test Pits																							
		TP 6-1	01NE06TP101	8/18/01	1100	1										1									
		TP6-2	01NE06TP102	8/18/01	1200	1										1									
		Discretionary Soil/Sed. Samples																							
			01NE06SD116	8/18/01	1600	1	1	1			1		1												
			01NE06SD117	8/18/01	1630	1	1	1			1		1												
	01NE06TP101	FD	01NE06TP201	8/18/01	1105	FD																			
	01NE06TP101	QA	01NE06TP301	8/18/01	1110	QA																			
	01NE06TP101	MS/MSD	01NE06TP101	8/18/01	1100	MS																			
7	Cargo Beach Landfill	Groundwater (Well Points)																							
		WP 7-1	01NE07WP101	8/28/01	1000												1	1		1			1	1	1
		WP7-2	01NE07WP102	8/27/01	1700												1	1		1			1	1	1
		WP7-3	01NE07WP103	8/27/01	1430												1	1		1			1	1	1
	01NE07WP102	FD	01NE07WP202	8/27/01	1700															FD			FD		
		QA	01NE07WP302	8/27/01	1700															QA			QA		
		TB	01NE00TB118	8/27/01	1900														TB	TB					
		QATB	01NE00TB117	8/27/01	1900															QATB					
		Surface Soil																							
		SS 7-125	01NE07SS125	8/19/01	1115	1			1	1	1		1												
		SS 7-126	01NE07SS126	8/19/01	1130	1			1	1	1		1												
		SS 7-127	01NE07SS127	8/19/01	1145	1			1	1	1		1												
		Surface Water																							
		SW 7-104	01NE07SW104	8/19/01	1330													1	1		1		1	1	1
		SW 7-105	01NE07SW105	8/19/01	1500													1	1		1		1	1	1
			01NE00TB101	8/19/01	1900														TB		TB				
		Sediment																							
		SD 7-104	01NE07SD104	8/19/01	1400	1			1	1	1		1												
		SD 7-105	01NE07SD105	8/19/01	1530	1			1	1	1		1												
		TB	01NE00TB102	8/19/01	1900		TB	TB	TB																
9	Housing Landfill	Groundwater (Well Points)																							
		WP 9-1	01NE09WP101															NO	NO		NO		NO	NO	NO
		WP 9-2	01NE09WP102	8/26/01	900													1	1		1		1	1	1
		WP 9-3	01NE09WP103															NO	NO		NO		NO	NO	NO
		WP 9-4	01NE09WP104															NO	NO		NO		NO	NO	NO
		WP 9-5	01NE09WP105															NO	NO		NO		NO	NO	NO
			01NE09SW111	8/26/01	1115													1	1		1		1	1	1
			01NE09SW112	8/26/01	1315													1	1		1		1	1	1
			01NE09MW103	8/26/01	1015													1	1		1		1	1	1
		TB	01NE00TB116	8/26/01	1115														1		1				
		Surface Water																							
		SW 9-107	01NE09SW107	8/23/01	1450													1	1		1		1	1	1
		FD	01NE09SW207	8/23/01	1455													FD	FD		FD		FD	FD	FD
		QA	01NE09SW307	8/23/01	1450																				

NEC August sites (not including site 28)
Sampling Summary

						Soil/Sediment											Groundwater/Surface Water								
Site No.	Site Description	Sample Location	Sample ID			DRO/ RRO	GRO	BTEX	VOCs	PAHs	PCBs	Pesti-cides	TAL Metals	Pb	Pb, Zn, Cr	TOC	DRO	DRO/ RRO	GRO	GRO/ BTEX	VOCs	SVOCs	PAH	PCBs	TAL Metals	Natural Attenuation
	METHOD			DATE	TIME	AK 102/ 103	AK 101	SW 8260B SIM	SW 8260B	SW 8270C SIM	SW 8082	SW 8081	SW 6010/ 7000	SW 7421	SW 6010B	LAB METHOD	AK 102	AK 102/ 103	AK 101	AK101/SW 8260B	SW 8260	SW 8270	SW 8270C SIM	SW 8082		
		MS/MSD	01NE09SW107	8/23/01	1450													MS						MS		
		TB	01NE00TB108	8/23/01	1900														TB		TB					
		QATB	01NE00TB106	8/23/01	1900														QATB		QATB					
		Discretionary Surface Water Samp.																								
		SW 9-108	01NE09SW108															NO	NO		NO		NO	NO	NO	
		SW9-109	01NE09SW109	8/23/01	1650													1	1		1		1	1	1	
			01NE09SW110	8/25/01	1720														1		1					
		Sediment																								
		SD 9-107	01NE09SD107	8/23/01	1540	1			1	1	1		1													
		SD 9-108	01NE09SD108	8/23/01	1610	1			1	1	1		1													
		SD 9-109	01NE09SD109	8/23/01	1705	1			1	1	1		1													
		Discretionary Sediment Samples																								
		SD 9-113	01NE09SD113	8/24/01	830	1	1		1	1	1		1			1										
		SD 9-114	01NE093D114	8/24/01	920	1	1		1	1	1		1			1										
	01NE09SD113	FD	01NE09SD213	8/24/01	835	FD	FD		FD	FD	FD		FD													
	01NE09SD113	QA	01NE09SD313	8/24/01	830	QA	NO		QA	QA	QA		QA													
		QAMS	01NE09SD313			QAMS			QAMS	QAMS	QAMS		QAMS													
			01NE09SS117	8/24/01	950				1																	
14	Emergency Bldg	Surface Soil																								
		SS 14-101	01NE14SS101	8/24/01	1130						1															
		SS 14-102	01NE14SS102	8/24/01	1135						1															
		SS 14-103	01NE14SS103	8/24/01	1140						1															
	01NE14SS103	FD	01NE14SS203	8/24/01	1145						FD															
		QA	01NE14SS303	8/24/01	1150						QA															
16	Paint and Dope	Groundwater (Existing Wells)																								
		GW 16-101	01NE16GW101	8/23/01	1135																	1				
		GW 16-102	01NE16GW102	8/23/01	1005																	1				
		GW 16-103	01NE16GW103	8/23/01	1045																	1				
	01NE16GW101	FD	01NE16GW201	8/23/01	1140																	FD				
	01NE16GW101	QA	01NE16GW301	8/23/01	1135																	QA				
		MS/MSD	01NE16GW101																			MS				
		QA MS/MSD	01NE16GW301																			QAMS				
		Surface Soil																								
		SS 16-165	01NE16SS165	8/23/01	1355						1			1												
	01NE16SS165	FD	01NE16SS265	8/23/01	1400									FD												
		QA	01NE16SS365	8/23/01	1355									QA												
		QAMS	01NE16SS365											QAMS												
		SS 16-166	01NE16SS166	8/23/01	1415						1			1												
		TB	01NE00TB06	8/23/01	1900		QATB	QATB																		
21	W W Treatment	Surface Soil																								
		5 SS SAMPLES	01NE21SS169	8/24/01	1045	1	1	1			1		1													
			01NE21SS170	8/24/01	1125	1	1	1			1		1													
			01NE21SS171	8/24/01	950	1	1	1			1		1													
			01NE21SS172	8/24/01	1345	1	1	1			1		1													
			01NE21SS173	8/24/01	1340	1	1	1			1		1													
	01NE21SS169	FD	01NE21SS269	8/24/01	1050	FD	FD	FD			FD		FD													
		QA	01NE21SS369	8/24/01	1045	QA	QA	QA			QA		QA													
		MS/MSD	01NE21SS169	8/24/01	1045	MS	MS	MS					MS													
		TB	01NE00TB111	8/24/01	1900		TB	TB																		
		QAMS	01NE21SS369	8/24/01	1045	QAMS	QAMS	QAMS			QAMS		QAMS													
		QATB	01NE00TB106	8/23/01	1900		QATB	QATB																		
		Subsurface Soil																								
		3 SB SAMPLES	01NE21SB169	8/24/01	1100	1	1	1			1		1													
			01NE21SB170	8/24/01	1130	1	1	1			1		1													
			01NE21SB171	8/24/01	1020	1	1	1			1		1													
		Surface Water																								
		2 SW SAMPLES	01NE21SW113	8/24/01	1440													1	1					1	1	
			01NE21SW114	8/24/01	1405													1	1					1	1	
	01NE21SW113	FD	01NE21SW213	8/24/01	1445													FD	FD							
		QA	01NE21SW313	8/24/01	1440													QA	QA							
		TB	01NE00TB0113	8/24/01	1900														TB							
		MS/MSD	01NE21SW113	8/24/01	1440														MS							
		QAMS GRO only	01NE21SW313	8/24/01	1440														QAMS							
		QATB	01NE00TB112	8/24/01	1900														QATB							
		Sediment	01NE00TB113	8/24/01	1900														TB							

NEC August sites (not including site 28)
Sampling Summary

						Soil/Sediment											Groundwater/Surface Water								
Site No.	Site Description	Sample Location	Sample ID			DRO/ RRO	GRO	BTEX	VOCs	PAHs	PCBs	Pesti-cides	TAL Metals	Pb	Pb, Zn, Cr	TOC	DRO	DRO/ RRO	GRO	GRO/ BTEX	VOCs	SVOCs	PAH	PCBs	TAL Metals	Natural Attenuation
	METHOD			DATE	TIME	AK 102/ 103	AK 101	SW 8260B SIM	SW 8260B	SW 8270C SIM	SW 8082	SW 8081	SW 6010/ 7000	SW 7421	SW 6010B	LAB METHOD	AK 102	AK 102/ 103	AK 101	AK101/SW 8260B	SW 8260	SW 8270	SW 8270C SIM	SW 8082		
		2 SD SAMPLES	01NE21SD113	8/24/01	1505	1	1	1			1		1													
			01NE21SD114	8/24/01	1425	1	1	1			1		1													
24	Receiver Bldg	Discretionary Soil/Sed. Samples																								
		2 SD SAMPLES	01NE24SD114	8/24/01	900	1	1	1			1		1													
			01NE24SD115	8/24/01	930	1	1	1			1		1													
		FD	01NE24SD214	8/24/01	905		FD	FD																		
	01NE24SD114	QA	01NE24SD314	8/24/01	910		QA	QA																		
		Discretionary Surface Water Samp.																								
		SW 24-	01NE24SW114	8/24/01	830													1		1				1	1	
	01NE24SW114	FD	01NE24SW214	8/24/01	835													FD						FD	FD	
		QA	01NE24SW314	8/24/01	840													QA						QA	QA	

NEC August sites (not including site 28)
Sampling Summary

						Soil/Sediment											Groundwater/Surface Water								
Site No.	Site Description	Sample Location	Sample ID	DATE	TIME	DRO/ RRO	GRO	BTEX	VOCs	PAHs	PCBs	Pesti-cides	TAL Metals	Pb	Pb, Zn, Cr	TOC	DRO	DRO/ RRO	GRO	GRO/ BTEX	VOCs	SVOCs	PAH	PCBs	TAL Metals	Natural Attenuation
	METHOD					AK 102/ 103	AK 101	SW 8260B SIM	SW 8260B	SW 8270C SIM	SW 8082	SW 8081	SW 6010/ 7000	SW 7421	SW 6010B	LAB METHOD	AK 102	AK 102/ 103	AK 101	AK101/SW 8260B	SW 8260	SW 8270	SW 8270C SIM	SW 8082		
29	Suqitughneq River																									
		Suqitughneq River Surface Water																								
		4 SW SAMPLES	01NE29SW114	8/20/01	1625													1		1			1	1	1	
			01NE29SW115	8/20/01	1530													1		1			1	1	1	
			01NE29SW116	8/20/01	1010													1		1			1	1	1	
			01NE29SW117	8/20/01	1950													1		1			1	1	1	
		FD	01NE29SW217	8/20/01	1955													FD		FD			FD	FD	FD	
		QA	01NE29SW317	8/20/01	1950													QA		QA			QA	QA	QA	
		MS/MSD	01NE29SW117	8/20/01	1950													MS		MS			MS	MS	MS	
		USACE split surface water	01NE29SW417	8/20/01	1950																					
		QA MS/MSD																		QA/MS			QAMS		QAMS	
		TB	01NE00TB103	8/20/01	1900															TB						
		QATB	01NE00TB007	8/20/01	1900															QATB						
		Suqitughneq River Soil/Sediment																								
		12 SD SAMPLES	01NE29SD114	8/21/01	1630	1				1	1				1	1										
			01NE29SD115	8/21/01	1650	1				1	1				1	1										
			01NE29SD116	8/21/01	1705	1				1	1				1	1										
			01NE29SD117	8/21/01	1540	1				1	1				1	1										
			01NE29SD118	8/21/01	1545	1				1	1				1	1										
			01NE29SD119	8/21/01	1550	1				1	1				1	1										
			01NE29SD120	8/21/01	1400	1				1	1				1	1										
			01NE29SD121	8/21/01	1405	1				1	1				1	1										
			01NE29SD122	8/21/01	1415	1				1	1				1	1										
			01NE29SD123	8/21/01	900	1				1	1				1	1										
			01NE29SD124	8/21/01	910	1				1	1				1	1										
			01NE29SD125	8/21/01	950	1				1	1				1	1										
	01NE29SD125	FD	01NE29SD225	8/21/01	955	FD				FD	FD				FD											
	01NE29SD125	QA	01NE29SD325	8/21/01	1000	QA				QA	QA				QA											
	01NE29SD125	MS/MSD	01NE29SD125	8/21/01	950	MS				MS	MS				MS											
	01NE29SD114	FD	01NE29SD214	8/21/01	1635	FD				FD	FD				FD											
	01NE29SD114	QA	01NE29SD314	8/21/01	1630	QA				QA	QA				QA											
	01NE29SD114	MS/MSD	01NE29SD114	8/21/01	1630	MS				MS	MS				MS											
		USACE split sediment																								
		USACE split sediment																								
		USACE split sediment																								
		USACE split sediment																								
		Suqi R. Estuary/Upgradient Sed.																								
		4 SD SAMPLES	01NE29SD126	8/21/01	1800	1	1	1		1	1		1													
			01NE29SD127	8/21/01	1740	1	1	1		1	1		1													
			01NE29SD128	8/21/01	1025	1	1	1		1	1		1													
			01NE29SD129	8/21/01	1045	1	1	1		1	1		1													
		TB	01NE00TB104	1900	8/21/01		TB	TB																		
30	Background	Surface Soil																								
		3 SS SAMPLES	01NE30SS101	8/24/01	1725	1				1			1													
			01NE30SS102			NO				NO			NO													
			01NE30SS103			NO				NO			NO													
	01NE30SS101	FD	01NE30SS201	8/24/01	1730								FD													
	01NE30SS101	QA	01NE30SS301	8/24/01	1725								QA													
		Groundwater (Well Points)																								
		2 WP LOCATIONS	01NE30WP101	8/25/01	1600													1	1		1		1		1	1
			01NE30WP102	8/28/01	930													1	1		1		1		1	1
		1 SW USACE only	01NE30SW401																							
		2 SW USACE only	01NE30SW402																							
		Sediment																								
		1 SD SAMPLE	01NE30SD101			NO				NO			NO			NO		NO	NO							
	01NE30SD101	USACE only	01NE30SD401																							
		2 SD SAMPLE USACE only	01NE30SD402																							

NEC August sites (not including site 28)
Sampling Summary

						Soil/Sediment											Groundwater/Surface Water									
Site No.	Site Description	Sample Location	Sample ID			DRO/ RRO	GRO	BTEX	VOCs	PAHs	PCBs	Pesti-cides	TAL Metals	Pb	Pb, Zn, Cr	TOC	DRO	DRO/ RRO	GRO	GRO/ BTEX	VOCs	SVOCs	PAH	PCBs	TAL Metals	Natural Attenuation
	METHOD			DATE	TIME	AK 102/ 103	AK 101	SW 8260B SIM	SW 8260B	SW 8270C SIM	SW 8082	SW 8081	SW 6010/ 7000	SW 7421	SW 6010B	LAB METHOD	AK 102	AK 102/ 103	AK 101	AK101/SW 8260B	SW 8260	SW 8270	SW 8270C SIM	SW 8082		
31	WAC	Soil at Transformer Pad																								
		4 SS	01NE31SS101	8/24/01	1040	1					1	1														
			01NE31SS102	8/24/01	1000	1					1	1														
			01NE31SS103	8/24/01	1020	1					1															
			01NE31SS104			NO					NO															
	01NE31SS102	FD	01NE31SS302	8/24/01	1915						FD	FD														
	01NE31SS102	QA	01NE31SS302	8/24/01	1910						QA	QA														
		QAMS	01NE31SS302	8/24/01	1910							QAMS														
		Soil at ASTs																								
		16 SS	01NE31SS105	8/23/01	1500	1																				
			01NE31SS106	8/23/01	1505	1																				
			01NE31SS107	8/23/01	1510	1																				
			01NE31SS108	8/23/01	1515	1																				
			01NE31SS109	8/23/01	1520	1																				
			01NE31SS110	8/23/01	1525	1																				
			01NE31SS111	8/23/01	1530	1																				
			01NE31SS112	8/23/01	1535	1																				
			01NE31SS113	8/23/01	1540	1																				
			01NE31SS114	8/23/01	1545	1																				
			01NE31SS115	8/23/01	1550	1																				
			01NE31SS116	8/23/01	1555	1																				
			01NE31SS117	8/23/01	1600	1																				
			01NE31SS118	8/23/01	1605	1																				
			01NE31SS119	8/23/01	1610	1																				
			01NE31SS120	8/23/01	1615	1																				
	01NE31SS120	FD	01NE31SS220	8/23/01	1650	FD																				
		QA	01NE31SS320	8/23/01	1625	QA																				
	01NE31SS105	QA	01NE31SS305	8/23/01	1504	QA																				
	01NE31SS105	FD	01NE31SS205	8/23/01	1503	FD																				
		Building 1001																								
		Discretionary Soil Samples																								
		4 SS	01NE31SS121	8/24/01	2025	1	1	1			1	1														
			01NE31SS122	8/24/01	2100	1	1	1			1	1														
			01NE31SS123	8/24/01	2230	1	1	1			1	1														
			01NE31SS124	8/24/01	2240	1	1	1			1	1														
	01NE31SS121	FD	01NE31SS221	8/24/01	2030	FD	FD	FD			FD	FD														
	01NE31SS121	QA	01NE31SS321	8/24/01	2035	QA	QA	QA																		
		TB	01NE00TB114	8/24/01	1900		TB	TB																		
		Background Soil																								
		1 SS	01NE31SS125	8/23/01	1630	1																				
		Surface Water (East Tributary)																								
		2 SW	01NE31SW101	8/24/01	2110													1		1			1	1	1	
			01NE31SW102	8/24/01	2245													1		1			1	1	1	
32	Lower Tram	Soil at AST																								
			01NEC32SS101			No																				
			01NEC32SS102			No																				
		Soil at Tram Bay																								
			01NEC32SS103			No					No	No														
			01NE32SS104			No					No	No														
			01NE32SS105	8/24/01	2020	1					1	1														
33	Upper Tram	Soil at Tram Bay																								
			01NE33SS101	8/23/01	830	1					1															
			01NE33SS102	8/23/01	835	1					1															
			01NE33SS103	8/23/01	840	1					1															

NEC August sites (not including site 28)
Sampling Summary

						Soil/Sediment											Groundwater/Surface Water									
Site No.	Site Description	Sample Location	Sample ID			DRO/ RRO	GRO	BTEX	VOCs	PAHs	PCBs	Pesti-cides	TAL Metals	Pb	Pb, Zn, Cr	TOC	DRO	DRO/ RRO	GRO	GRO/ BTEX	VOCs	SVOCs	PAH	PCBs	TAL Metals	Natural Attenuation
	METHOD			DATE	TIME	AK 102/ 103	AK 101	SW 8260B SIM	SW 8260B	SW 8270C SIM	SW 8082	SW 8081	SW 6010/ 7000	SW 7421	SW 6010B	LAB METHOD	AK 102	AK 102/ 103	AK 101	AK101/SW 8260B	SW 8260	SW 8270	SW 8270C SIM	SW 8082		
34	Upper Camp	Soil at Drum Dump Field																								
			01NE34SS101	8/23/01	1030	1				1	1															
			01NE34SS102	8/23/01	1035	1				1	1															
			01NE34SS103	8/23/01	1040	1				1	1															
		Soil at Transformer Pad																								
			01NE34SS104	8/23/01	1043						1															
		Soil at AST																								
			01NE34SS105	8/23/01	1045	1																				
			01NE34SS106	8/23/01	1050	1																				
		Building 124																								
		Building 221																								
		Discretionary Soil Samples																								
			01NE4SS107	8/23/01	1100	1					1					1										
			01NE34SS108	8/23/01	1105	1					1					1										
			01NE34SS109	8/23/01	1110	1					1					1										
			01NE34SS110	8/23/01	1115	1					1					1										
		Background Soil																								
			01NE34SS111	8/23/01	1130	1				1																

						Soil/Sediment											Groundwater/Surface Water									
Site No.	Site Description	Sample Location	Sample ID			DRO/ RRO	GRO	BTEX	VOCs	PAHs	PCBs	Pesti-cides	TAL Metals	Pb	Pb, Zn, Cr	TOC	DRO	DRO/ RRO	GRO	GRO/ BTEX	VOCs	SVOCs	PAH	PCBs	TAL Metals	Natural Attenuation
	METHOD			DATE	TIME	AK 102/ 103	AK 101	SW 8260B SIM	SW 8260B	SW 8270C SIM	SW 8082	SW 8081	SW 6010/ 7000	SW 7421	SW 6010B	LAB METHOD	AK 102	AK 102/ 103	AK 101	AK101/SW 8260B	SW 8260	SW 8270	SW 8270C SIM	SW 8082		
		Total Primary Samples	Sampled to Date			81	24	22	11	31	64	7	29	2	12	20	0	37	17	8	15	3	19	27	23	2
		Field Duplicates				8	4	3	1	3	7	2	3	1	2	0	0	4	2	1	2	1	3	3	3	0
		MS/MSD set				4	1	1	0	2	2	0	1	0	2	0	0	2	1	1	0	1	1	2	1	0
		Trip blanks				0	5	5	1	0	0	0	0	0	0	0	0	0	5	2	4	0	0	0	0	0
		Equipment blanks				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		QA samples				8	3	3	1	3	6	1	3	1	2	0	0	3	1	1	1	1	2	2	2	0
		QA MS/MSD set				2	1	1	1	1	2	1	2	1	0	0	0	0	1	0	0	1	1	1	0	0
		QA Trip blank				0	2	2	0	0	0	0	0	0	0	0	0	0	2	1	2	0	0	0	0	0
		Total Primary	Project WP sample totals- only sites listed			89	24	22	12	35	67	9	32	2	12	21	10	24	18	8	16	3	22	23	26	3
adjusted due to extra at 28		Field Duplicates				8	3	3	2	3	6	1	4	1	1	0	1	3	2	1	2	1	3	3	3	1
		MS/MSD set				5	2	2	1	2	4	1	2	1	1	0	1	2	1	1	1	1	2	2	2	1
		Trip blanks					3	3	2																	
		Equipment blanks																								
adjusted due to extra at 28		QA samples				8	3	3	2	3	6	1	4	1	1	0	1	3	2	1	2	1	3	3	3	0
		QA MS/MSD set				0	1	1	1	0	0	1	1	1	0	0	0	0	1	0	1	1	1	1	1	
		QA Trip blank					1	1	1																	

Natural Attenuation measurements include - field parameters: pH , temperature, oxidation reduction, ferrous ion, dissolved oxygen, nitrate: lab parameters: alkalinity EPA 310, sulfate EPA 300, and methane, ethane, ethene.
Geotechnical parameters include - moisture content ASTM D2216, Sieve Analysis ASTM D-422, Dry Bulk Density ASTM D-2937, Specific Gravity ASTM D-854, Hydraulic conductivity ASTM D-4511, and porosity calculated
Water Quality Field parameters include - pH, conductivity, temperature, turbidity

Table 2-2 Northeast Cape 2001 Phase III RI
Sampling Summary
Northeast Cape, St. Lawrence Island, Alaska

Site No.	Site Description	Sample Location	Sample ID	Date	Time	Soil/Sediment												Groundwater/Surface Water								
						DRO/ RRO	GRO	GRO/ BTEX	VOCs	PAH SW8270C SIM	PCBs	Pesti-cides	TAL Metals	Pb	Pb, Zn, Cr	TOC	Pesticides	Geo-tech-nical	DRO	DRO/ RRO	GRO	GRO/ BTEX	VOCs	SVOCs	PAH SW8270C SIM	PCBs	TAL Metals
	METHOD					AK 102/ 103	AK 101	SW 8260B SIM	SW 8260B	SW 8270C SIM	SW 8082	SW 8081	SW 6010/ 7000	SW 7421	SW 6010B	LAB METHOD	SW8081		AK 102	AK 102/ 103	AK 101	AK101/SW 8260B	SW 8260	SW 8270	SW 8270C SIM	SW 8082	
13,15,	Main Complex	Groundwater (Monitoring Wells) 10 GW SAAMPLES	NO samples due to delay in demo																	10							
19,		Soil from Well Borings				10		10		10	10				10	10		3									
& 27		Soil from Soil Borings				12		12		12	12				12	12		1									
			01NE16SS167	9/24/01	1100												1										
			01NE16SS168	9/24/01	1100												1										
			01NE28SD183	9/24/01	1110												1										
			01NE28SD184	9/24/01	1115												1										
			01NE28SD185	9/24/01	1120												1										
			01NE28SD186	9/24/01	1125												1										
			01NE28SD187	9/24/01	1135												1										
			01NE28SD188	9/24/01	1305												1										
			01NE28SD189	9/24/01	1300												1										
			01NE28SD190	9/24/01	1140												1										
			01NE28SD191	9/24/01	1145												1										
			01NE28SD192	9/24/01	1150												1										
	01NE28SD192	FD	01NE28SD292	9/24/01	1155												FD										
	01NE28SD185	FD	01NE28SD285	9/24/01	1130												FD										
	Total Primary Samples					**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**12**	**4**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	QA/QC																										
	Field Duplicates					0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	3
	MS					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	MSD					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Trip blanks																										
	Equipment blanks																			0	0		0	0		0	0
	Total Samples					**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**14**	**4**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Key:
AST - aboveground storage tank
BTEX - benzene, toluene, ethyibenzene, and xylenes
Cr - chromium
DRO - diesel range organics
GRO - gasoline range organics
MS - matrix spike
MSD - matrix spike duplicate
PAH - polynuclear aromatic hydrocarbon
Pb - lead
PCB - polychlorinated biphenyl
QA/QC - quality assurance/quality control
RI/FS - Remedial Investigation/Feasibility Study
RRO - residual range organics
SIM - selected ion monitoring
SVOC - semi-volatile organic compound
TAL - target analyte list
TCLP - toxicity characteristic leaching procedure
TOC - total organic carbon
VOC - volatile organic compound
Zn - zinc

Attach this sheet to the COC going to CAS for Plant Tissue analysis.

PAHs include the following **(DO NOT REPORT ANY OTHER PAH COMPOUNDS)**:

2-methylnaphthalene
acenaphthene
anthracene
benzo(a)anthracene
benzo(a)pyrene
benzo(b)fluoranthene
benzo(g,h,i)perylene
benzo(k)fluoranthene
chrysene
dibenzo(a,h)anthracene
fluoranthene
fluorene
indeno(1,2,3-cd)pyrene
naphthalene
phenanthrene
pyrene

Metals include the following inorganic analytes **[critical PQLs are noted in ()]**:

Arsenic (4.5 mg/Kg)
Barium
Cadmium (0.005 mg/Kg)
Chromium
Copper
Lead
Mercury (0.13 mg/Kg)
Nickel
Selenium (0.02 mg/Kg)
Silver
Vanadium
Zinc

Whole plant tissue samples (root, stem, flower, and fruit) are to be analyzed with the exception of berry samples. Berries are to be analyzed separately.

Several samples collected from a single location may be combined in order to meet the PQL.

Plant roots are to be free from soil before sample preparation is begun.

One MS/MSD sample will be provided by MWH.

Results should be reported "as is". Do not determine moisture content.

Mingta Lin

From: Lynn.A.DeGeorge@us.mwhglobal.com
Sent: Thursday, August 16, 2001 11:46 AM
To: mlin@kelso.caslab.com
Cc: Eileen.M.Maus@us.mwhglobal.com; Jane.Whitsett@us.mwhglobal.com; William.A.O'Connell@us.mwhglobal.com; Bonnie.G.McLean@us.mwhglobal.com
Subject: NEC Fish /Plant Tissue Sampling

Mingta,

We are on schedule for the Northeast Cape fish tissue sampling. The field crew is scheduled to begin fishing on Saturday and we anticipate it will take 4 days to gather the fish we have been scoped to collect. If we are able to stick with our proposed schedule you should anticipate seeing samples toward the end of next week. We do not have a target date for the plant tissue sampling (berries).

We intend to freeze the fish in the field.

Discussions with USACE earlier this week indentified the portion of each fish we will be analyzing. I have attempted to summarize our discussion below. Please do not hesitate to give me a call if you have any questions or concerns.

A set of 6 fish (D. Varden) will be collected from the Suqi. River. They are to be at least 12 - 18 inches in size. Two of the female fish are to be divided by the lab and split into three individual samples: fish head, fish eggs, fillets (this will total 6 samples from these 2 fish). Each fish portion (head, fillet, eggs) will be analyzed for metals, PCB, and PAHs. There will be no compositing of samples. However, since reporting limits are critical to this project we will probably need to discuss the attainable reporting limits based on the egg volume and the fish head weights once you are able to divide the fish.

One six fish will be analyzed as follows. The fillet will be removed and analyzed for Metals, PCBs, and PAHs. Then the remaineder of the fish will be homogenized and it will be analyzed for metals, PCBs, and PAHs. (Apparently there is some value in evaluating the fillet portion vs the entire fish.)

The remaining 3 fish will have only their fillets analyzed for all three suites of analysis (Metals, PCBs, PAH).

A set of 4 fish (D. Varden) will be collected from reference locations. They are to be at least 12 - 18 inches in length. One female fish is to be divided by the lab and split into three individual samples: fish head, fish eggs, fillets (this will total 3 samples from this fish). Each fish portion (head, fillet, eggs) will be analyzed for metals, PCB, and PAHs.

One of the four fish will be analyzed as follows. The fillet will be removed and analyzed for Metals, PCBs, and PAHs. Then the remaineder of the fish will be homogenized and it will be analyzed for metals, PCBs, and PAHs.

The remaining 2 fish will have only their fillets analyzed for all three suites of analysis (Metals, PCBs, PAH).

Blackfish collected from the Suqi River will be analyzed as whole fish samples. We anticipate 3 blackfish samples. Each sample will be analyzed for metals, PCBs and PAHs.

There is the potential for collecting 9 more samples for analysis. These may be D. Varden, pinks (only if available), or blackfish.

Please note that it is still unclear if the fillet samples should include the skin. The client has changed their mind twice already. I will need to resolve this issue befor you begin preparing the fish for analysis.

Finally, we still have three plant tissue samples to collect. They will be the berries which were not available in July.

Lynn
(907)266-1105

Mingta Lin
From: Lynn.A.DeGeorge@us.mwhglobal.com
Sent: Friday, August 24, 2001 12:28 PM
To: mlin@kelso.caslab.com
Cc: Eileen.M.Maus@us.mwhglobal.com; Jane.Whitsett@us.mwhglobal.com
Subject: Fish samples/conversation record 082401

Mingta,

This e-mail documents our phone conversation earlier today. It provides a summary of the fish tissue sample analysis and recounts our discussion regarding turnaround times for the plant and fish tissue samples as well as the reduced plant tissue sample volumes that resulted from drying the plant tissue.

A summary of the fish tissue samples you should receive is provided below. There are a few more individual samples than we anticipated (we've gone from 18 to 30).

As we discussed over the phone and as communicated in my earlier e-mail the fish are to be dissected so that the portions consumed by the local population are analyzed. For example, a number of the female fish will be dissected into three samples (head, eggs, and fillets).

Four of the fish in the following list are to have the fillets removed and analyzed separately from the remained of the fish. The remains of these fish are to be homogenized and analyzed separately. They are marked as "Fillet, homogenize" in the list below. There are four fish to be subdivided in this manner.

01NE29FT103
01NE29FT107
01NE30FT102
01NE30FT105

A number of the fish will have only their fillets homogenized.

The blackfish (small in size) will be composited (the list says homogenize) into three individual samples.

ALL samples are to be analyzed for metals, PCBs, and PAHs.

Several weeks ago you informed me that the plant tissue results would be approximately 30 days late because we chose to allow them to air dry. Air drying has impacted the sample weight of a few of the samples reducing the sample volume from 12 to 7 grams for the smallest sample weight submitted. This will impact the reporting limit. You agreed to provide me with the approximate MRLs we will be dealing with for this and other small volume plant tissue samples.

The increase in fish tissue samples, the complicated dissection requirements, and the fact that your PCB lab is at capacity will extend the turn around time for the fish tissue analysis approximately 3 weeks. That gives us a due date of approximately October 15th. I agreed this would be acceptable.

That should be about it.
Lynn
907-266-1105

---------- Forwarded by Lynn A DeGeorge/User/Americas/Montgomery Watson on 08/24/2001 11:46 AM

"Geist, Lisa K POA02" <Lisa.K.Geist@poa02.usace.army.mil> on 08/24/2001

08:13:06 AM

To: Lynn.A.DeGeorge@us.mwhglobal.com
cc: Bruce Narloch <Bruce.A.Narloch@mw.com>
Subject: Fish samples

Lynn,

I was out at NE Cape yesterday, so I hope it isn't too late to pass this info on to your lab. Its my understanding all the fish were shipped out on wednesday night, including the "extra" fish caught. Therefore, please have the lab analyze the base samples as we discussed in your message (with 8 PPAQs to cover the various parts, blackfish and pink salmon). In addition, please have the lab analyze 2 additional DV fish from the Suqi River as follows: 1 fish - fillet and homogenize, 1 fish - fillet and eggs (for a total of 4 PPAQs). The fillets should be prepared with skin on.

So, to recap:

Dolly Varden from Suqi River

01NE29FT101 Female, dissect (head, eggs, fillet)
01NE29FT102 Female, dissect (head, eggs, fillet)
01NE29FT103 Fillet, homogenize
01NE29FT104 Fillet
01NE29FT105 Fillet
01NE29FT106 Fillet

01NE29FT107 Fillet, homogenize
01NE29FT108 Fillet, eggs

Dolly Varden from Tap River
01NE30FT101 Female, dissect (head, eggs, fillet)
01NE30FT102 Fillet, homogenize
01NE30FT103 Fillet

Pink Salmon from Tap River
01NE30FT104 Female, dissect (head, eggs, fillet)
01NE30FT105 Fillet, homogenize
01NE30FT106 Fillet

Blackfish from Drainage Basin
01NE28FT101 Homogenize
01NE28FT102 Homogenize
01NE28FT103 Homogenize

Total: 30 samples

Thank you,
Lisa

CoolerID/COC#: 01NECPT02

Northeast Cape, St. Lawrence Island,Alaska
Chain of Custody

K2105386

Montgomery Watson Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Eileen Maus

Laboratory:
Columbia Analytical Services
1317 South 13th Avenue
Kelso, WA. 98626
(360) 577-7222
Fax (360) 636-1068
Attn: Mingta Lin

MW Job Number:
1850574.260120
NPDL #01-065

Sampler's signature: William A. O'Connell Bonnie McLean

	Date	Time	Sample ID	Matrix	Total Containers	Plant Tissue: PAH SW8270C SIM Ziplock Bags w/ ~~wax paper~~	Plant Tissue: PCB SW8082 Ziplock Bags w/ ~~wax paper~~	Plant Tissue: Metals SW6000/7000 Ziplock Bags w/ ~~wax paper~~			Comments
1	7-25-01	1500	01NE28PT4101	PT	1	X	X	X			~~MS/MSD~~ Bo C
2	7-25-01	1530	01NE28PT4102	PT	1	X	X	X			
3	7-25-01	1600	01NE28PT5101	PT	1	X	X	X			
4	7-25-01	1620	01NE28PT5102	PT	1	X	X	X			
5	7-25-01	1640	01NE28PT5103	PT	1	X	X	X			
6	7-25-01	1700	01NE28PT5104	PT	1	X	X	X			MS/MSD
7	7-25-01	1715	01NE28PT5105	PT	1	X	X	X			
8	7-25-01	1730	01NE28PT5106	PT	1	X	X	X			Please see attached sheet for PAH and metals required.
9	7-25-01	1705	01NE28PT5204	PT	1	X	X	X			
10	7-25-01	1820	01NE28PT6101	PT	1	X	X	X			Please record temperature blank only in the space provided.
11	7-25-01	1830	01NE28PT6102	PT	1	X	X	X			
12	7-25-01	1850	01NE28PT6103	PT	1	X	X	X			
											Following receipt of sample cooler, please fax CoC and
											Lab cooler check-in form to ~~Sandra Kimbrell~~ at Gerry Archibald
											(907) ~~353-7070~~ 753-2636 and Eileen Maus at (907) 248-8883

Relinquished by: William A. O'Connell Bonnie McLean	Date 7-27-01	Shipped via: AK Airlines Goldstreak		Shipping number: 1821 3985 Blank BOC
Company: Montgomery Watson	Time 1530			
Received by: Lori K. Hawn	Date 7/28/01	Relinquished by:	Date	Cooler temperature upon arrival: 0.5°C
Company: CTS-K	Time 1000	Company:	Time	mtl 10/23/01
Received by:	Date	Relinquished by:	Date	Custody seal #s:
Company:	Time	Company:	Time	17696 17697

CoolerID/COC#: 01NECPT01

Northeast Cape, St. Lawrence Island,Alaska
Chain of Custody

K2105386

Montgomery Watson
Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Eileen Maus

Laboratory:
Columbia Analytical Services
1317 South 13th Avenue
Kelso, WA. 98626
(360) 577-7222
Fax (360) 636-1068
Attn: Mingta Lin

MW Job Number:
1850574.260120
NPDL #01-065

Sampler's signature: William A. Connell / Bonnie McLean

	Date	Time	Sample ID	Matrix	Total Containers	Plant Tissue: PAH SW8270C SIM Ziplock Bags ~~w/ wax paper~~ AoC	PCB SW8082 Ziplock Bags ~~w/ wax paper~~ AoC	Metals SW6000/7000 Ziplock Bags ~~w/ wax paper~~ AoC			Comments
13	7-25-01	1220	01NE28PT1102	PT	1	X	X	X			
14	7-25-01	1200	01NE28PT1101	PT	1	X	X	X			
15	7-25-01	1240	01NE28PT2101	PT	1	X	X	X			
16	7-25-01	1300	01NE28PT2102	PT	1	X	X	X			
17	7-25-01	1320	01NE28PT3101	PT	1	X	X	X			
18	7-25-01	1340	01NE28PT3102	PT	1	X	X	X			
19	7-25-01	1400	01NE28PT3103	PT	1	X	X	X			
20	7-25-01	1430	01NE28PT3104	PT	1	X	X	X			Please see attached sheet for PAH and metals required.
											Please record temperature blank only in the space provided.
											Following receipt of sample cooler, please fax CoC and
											Lab cooler check-in form to Gerry Archibald at
											(907) 753-2636 and Eileen Maus at (907) 248-8883

Relinquished by: William A. Connell / Bonnie McLean	Date 7-27-01	Shipped via:	Shipping number: 1821 4000
Company: Montgomery Watson	Time 1530		
Received by: Lori K. Hahn	Date 7/28/01	Relinquished by:	Date
Company: CAS-K	Time 1000	Company:	Time
Received by:	Date	Relinquished by:	Date
Company:	Time	Company:	Time

Cooler temperature blank upon arrival: -0.1 °C with 10/23/01

Custody seal #s: 073335 073345

Attach this sheet to the COC going to CAS for Plant Tissue analysis.

PAHs include the following **(DO NOT REPORT ANY OTHER PAH COMPOUNDS):**

2-methylnaphthalene
acenaphthene
anthracene
benzo(a)anthracene
benzo(a)pyrene
benzo(b)fluoranthene
benzo(g,h,i)perylene
benzo(k)fluoranthene
chrysene
dibenzo(a,h)anthracene
fluoranthene
fluorene
indeno(1,2,3-cd)pyrene
naphthalene
phenanthrene
pyrene

Metals include the following inorganic analytes **[critical PQLs are noted in ()]:**

Arsenic (4.5 mg/Kg)
Barium
Cadmium (0.005 mg/Kg)
Chromium
Copper
Lead
Mercury (0.13 mg/Kg)
Nickel
Selenium (0.02 mg/Kg)
Silver
Vanadium
Zinc

Whole plant tissue samples (root, stem, flower, and fruit) are to be analyzed with the exception of berry samples. Berries are to be analyzed separately.

Several samples collected from a single location may be combined in order to meet the PQL.

Plant roots are to be free from soil before sample preparation is begun.

One MS/MSD sample will be provided by MWH.

Results should be reported "as is". Do not determine moisture content.

Columbia Analytical Services Inc.
Cooler Receipt And Preservation Form

Project/Client Mont. Watson Work Order K21 5386

Cooler received on 7/28/11 and opened on 7/28/11 by TBlack

1. Were custody seals on outside of cooler? AKEYS YES NO
   If yes, how many and where? 1-front
2. Were seals intact and signature & date correct? YES NO
3. COC # 01 NEC PT02
   Temperature of cooler(s) upon receipt: 3.9
   Temperature Blank: 0.5
4. Were custody papers properly filled out (ink, signed, etc.)? YES NO
5. Type of packing material present gel packs - bags
6. Did all bottles arrive in good condition (unbroken)? YES NO
7. Were all bottle labels complete (*i.e.* analysis, preservation, etc.)? YES NO
8. Did all bottle labels and tags agree with custody papers? YES NO
9. *Were the correct types of bottles used for the tests indicated?* YES NO
10. Were all of the preserved bottles received at the lab with the appropriate pH? YES NO
11. Were VOA vials checked for absence of air bubbles, and if present, noted below? YES NO
12. Did the bottles originate from CAS/K or a branch laboratory? _____ YES NO

Explain any discrepancies _____

Samples that required preservation or received out of temperature:

Sample ID	Reagent	Volume	Lot Number	Bottle Type	Rec'd out of Temperature	Initials

00011

Columbia Analytical Services Inc.
Cooler Receipt And Preservation Form

Project/Client Mont Watson Work Order K21 5386

Cooler received on 7/28/01 and opened on 7/28/01 by TBlack

1. Were custody seals on outside of cooler? AKGStrak YES NO
   If yes, how many and where? 1 front
2. Were seals intact and signature & date correct? YES NO
3. COC # 01NEEPTOT
   Temperature of cooler(s) upon receipt: 5.7
   Temperature Blank: -0.1
4. Were custody papers properly filled out (ink, signed, etc.)? YES NO
5. Type of packing material present bags-gel packs
6. Did all bottles arrive in good condition (unbroken)? YES NO
7. Were all bottle labels complete (*i.e.* analysis, preservation, etc.)? YES NO
8. Did all bottle labels and tags agree with custody papers? YES NO
9. *Were the correct types of bottles used for the tests indicated?* YES NO
10. Were all of the preserved bottles received at the lab with the appropriate pH? YES NO
11. Were VOA vials checked for absence of air bubbles, and if present, noted below? YES NO
12. Did the bottles originate from CAS/K or a branch laboratory? YES NO

Explain any discrepancies

Samples that required preservation or received out of temperature:

Sample ID	Reagent	Volume	Lot Number	Bottle Type	Rec'd out of Temperature	Initials

00912

Attach this sheet to the COC going to CAS for Fish Tissue analysis.

PAHs include the following **(DO NOT REPORT ANY OTHER PAH COMPOUNDS)**:

2-methylnaphthalene
acenaphthene
anthracene
benzo(a)anthracene
benzo(a)pyrene
benzo(b)fluoranthene
benzo(g,h,i)perylene
benzo(k)fluoranthene
chrysene
dibenzo(a,h)anthracene
fluoranthene
fluorene
indeno(1,2,3-cd)pyrene
naphthalene
phenanthrene
pyrene

The PQL for PCBs is 16 ppb. Adequate sample volume should be used to meet this PQL.

The PAH PQL is 5 mg/Kg for all compounds with the exception of 2-methylnaphthalene which is 50 ug/kg.

Fish tissue samples are to be composited by the laboratory. Bones and guts are to be removed from the fish. For the salmon species (pinks and Dolly Varden) fillets (without the skin), fish heads, and eggs are to be analyzed separately.

Blackfish samples will be analyzed as whole fish composites.

Results should be reported "as is". Do not determine moisture content.

Mingta Lin

From: Lynn.A.DeGeorge@us.mwhglobal.com
Sent: Thursday, August 16, 2001 11:46 AM
To: mlin@kelso.caslab.com
Cc: Eileen.M.Maus@us.mwhglobal.com; Jane.Whitsett@us.mwhglobal.com; William.A.O'Connell@us.mwhglobal.com; Bonnie.G.McLean@us.mwhglobal.com
Subject: NEC Fish /Plant Tissue Sampling

Mingta,

We are on schedule for the Northeast Cape fish tissue sampling. The field crew is scheduled to begin fishing on Saturday and we anticipate it will take 4 days to gather the fish we have been scoped to collect. If we are able to stick with our proposed schedule you should anticipate seeing samples toward the end of next week. We do not have a target date for the plant tissue sampling (berries).

We intend to freeze the fish in the field.

Discussions with USACE earlier this week indentified the portion of each fish we will be analyzing. I have attempted to summarize our discussion below. Please do not hesitate to give me a call if you have any questions or concerns.

A set of 6 fish (D. Varden) will be collected from the Suqi. River. They are to be at least 12 - 18 inches in size. Two of the female fish are to be divided by the lab and split into three individual samples: fish head, fish eggs, fillets (this will total 6 samples from these 2 fish). Each fish portion (head, fillet, eggs) will be analyzed for metals, PCB, and PAHs. There will be no compositing of samples. However, since reporting limits are critical to this project we will probably need to discuss the attainable reporting limits based on the egg volume and the fish head weights once you are able to divide the fish.

One six fish will be analyzed as follows. The fillet will be removed and analyzed for Metals, PCBs, and PAHs. Then the remaineder of the fish will be homogenized and it will be analyzed for metals, PCBs, and PAHs. (Apparently there is some value in evaluating the fillet portion vs the entire fish.)

The remaining 3 fish will have only their fillets analyzed for all three suites of analysis (Metals, PCBs, PAH).

A set of 4 fish (D. Varden) will be collected from reference locations. They are to be at least 12 - 18 inches in length. One female fish is to be divided by the lab and split into three individual samples: fish head, fish eggs, fillets (this will total 3 samples from this fish). Each fish portion (head, fillet, eggs) will be analyzed for metals, PCB, and PAHs.

One of the four fish will be analyzed as follows. The fillet will be removed and analyzed for Metals, PCBs, and PAHs. Then the remaineder of the fish will be homogenized and it will be analyzed for metals, PCBs, and PAHs.

The remaining 2 fish will have only their fillets analyzed for all three suites of analysis (Metals, PCBs, PAH).

Blackfish collected from the Suqi River will be analyzed as whole fish samples. We anticipate 3 blackfish samples. Each sample will be analyzed for metals, PCBs and PAHs.

There is the potential for collecting 9 more samples for analysis. These may be D. Varden, pinks (only if available), or blackfish.

Please note that it is still unclear if the fillet samples should include the skin. The client has changed their mind twice already. I will need to resolve this issue befor you begin preparing the fish for analysis.

Finally, we still have three plant tissue samples to collect. They will be the berries which were not available in July.

Lynn
(907)266-1105

Mingta Lin
From: Lynn.A.DeGeorge@us.mwhglobal.com
Sent: Friday, August 24, 2001 12:28 PM
To: mlin@kelso.caslab.com
Cc: Eileen.M.Maus@us.mwhglobal.com; Jane.Whitsett@us.mwhglobal.com
Subject: Fish samples/conversation record 082401

Mingta,

This e-mail documents our phone conversation earlier today. It provides a summary of the fish tissue sample analysis and recounts our discussion regarding turnaround times for the plant and fish tissue samples as well as the reduced plant tissue sample volumes that resulted from drying the plant tissue.

A summary of the fish tissue samples you should receive is provided below. There are a few more individual samples than we anticipated (we've gone from 18 to 30).

As we discussed over the phone and as communicated in my earlier e-mail the fish are to be dissected so that the portions consumed by the local population are analyzed. For example, a number of the female fish will be dissected into three samples (head, eggs, and fillets).

Four of the fish in the following list are to have the fillets removed and analyzed separately from the remained of the fish. The remains of these fish are to be homogenized and analyzed separately. They are marked as "Fillet, homogenize" in the list below. There are four fish to be subdivided in this manner.

01NE29FT103
01NE29FT107
01NE30FT102
01NE30FT105

A number of the fish will have only their fillets homogenized.

The blackfish (small in size) will be composited (the list says homogenize) into three individual samples.

ALL samples are to be analyzed for metals, PCBs, and PAHs.

Several weeks ago you informed me that the plant tissue results would be approximately 30 days late because we chose to allow them to air dry. Air drying has impacted the sample weight of a few of the samples reducing the sample volume from 12 to 7 grams for the smallest sample weight submitted. This will impact the reporting limit. You agreed to provide me with the approximate MRLs we will be dealing with for this and other small volume plant tissue samples.

The increase in fish tissue samples, the complicated dissection requirements, and the fact that your PCB lab is at capacity will extend the turn around time for the fish tissue analysis approximately 3 weeks. That gives us a due date of approximately October 15th. I agreed this would be acceptable.

That should be about it.
Lynn
907-266-1105

---------- Forwarded by Lynn A

DeGeorge/User/Americas/Montgomery Watson on 08/24/2001 11:46 AM

"Geist, Lisa K POA02" <Lisa.K.Geist@poa02.usace.army.mil> on 08/24/2001

08:13:06 AM

To: Lynn.A.DeGeorge@us.mwhglobal.com
cc: Bruce Narloch <Bruce.A.Narloch@mw.com>
Subject: Fish samples

Lynn,

I was out at NE Cape yesterday, so I hope it isn't too late to pass this info on to your lab. Its my understanding all the fish were shipped out on wednesday night, including the "extra" fish caught. Therefore, please have the lab analyze the base samples as we discussed in your message (with 8 PPAQs to cover the various parts, blackfish and pink salmon). In addition, please have the lab analyze 2 additional DV fish from the Suqi River as follows: 1 fish - fillet and homogenize, 1 fish - fillet and eggs (for a total of 4 PPAQs). The fillets should be prepared with skin on.

So, to recap:

Dolly Varden from Suqi River

01NE29FT101 Female, dissect (head, eggs, fillet)
01NE29FT102 Female, dissect (head, eggs, fillet)
01NE29FT103 Fillet, homogenize
01NE29FT104 Fillet
01NE29FT105 Fillet
01NE29FT106 Fillet

01NE29FT107 Fillet, homogenize
01NE29FT108 Fillet, eggs

Dolly Varden from Tap River
01NE30FT101 Female, dissect (head, eggs, fillet)
01NE30FT102 Fillet, homogenize
01NE30FT103 Fillet

Pink Salmon from Tap River
01NE30FT104 Female, dissect (head, eggs, fillet)
01NE30FT105 Fillet, homogenize
01NE30FT106 Fillet

Blackfish from Drainage Basin
01NE28FT101 Homogenize
01NE28FT102 Homogenize
01NE28FT103 Homogenize

Total: 30 samples

Thank you,
Lisa

Columbia Analytical Services -- Kelso
INTERNAL LOGIN SUMMARY REPORT (il01)
31-OCT-01 11:42

00011

Service Req. No. K2106278
Client No. 136500
Client Name Montgomery Watson, Inc.

Bill To: Montgomery Watson Americas, Inc.
Attn: Accounts Payable
4100 Spenard Road
Anchorage, AK 99517

P.O. No.
Logged In By FADAIR
ISR Num
COC Received Y
Samples Submitted 24-AUG-01

Project No. 1850574.260120
Project Name Northeast Cape, St. Lawrence Island

Report To: Montgomery Watson Americas, Inc.
Jane Whitsett
4100 Spenard Road
Anchorage, AK 99517

Site ID
Project Chemist Mingta Lin

Bottles: 1 - 8 oz Glass
37 - Baggie

Storage: KRYPTON 6

CAS Samp No.	Client Sample No.	Matrix	Collected	DueDate	8082-AR-L	CR/ICP	DOD-QA-REV	HG/CVAA	HOLD	ICP/MS-10	LIPIDS-SVG
K2106278-001	01NE29FT101 Head	TISSUE	08:51 21-AUG-01	23-SEP-01	V	V	V	V		V	V
K2106278-002	01NE29FT101 Eggs	TISSUE	08:51 21-AUG-01	23-SEP-01	V	V		V		V	V
K2106278-003	01NE29FT101 Fillet	TISSUE	08:51 21-AUG-01	23-SEP-01	V	V		V		V	V
K2106278-004	01NE29FT102 Head	TISSUE	08:51 21-AUG-01	23-SEP-01	V	V		V		V	V
K2106278-005	01NE29FT102 Eggs	TISSUE	08:51 21-AUG-01	23-SEP-01	V	V		V		V	V
K2106278-006	01NE29FT102 Fillet	TISSUE	08:51 21-AUG-01	23-SEP-01	V	V		V		V	V
K2106278-007	01NE29FT103 Fillet	TISSUE	08:51 21-AUG-01	23-SEP-01	V	V		V		V	V
K2106278-008	01NE29FT103 Remains	TISSUE	08:51 21-AUG-01	23-SEP-01	V	V		V		V	V
K2106278-009	01NE29FT104 Fillet	TISSUE	08:51 21-AUG-01	23-SEP-01	V	V		V		V	V
K2106278-010	01NE29FT105 Fillet	TISSUE	10:47 21-AUG-01	23-SEP-01	V	V		V		V	V
K2106278-011	01NE29FT106 Fillet	TISSUE	10:47 21-AUG-01	23-SEP-01	V	V		V		V	V
K2106278-012	01NE29FT107 Fillet	TISSUE	10:47 21-AUG-01	23-SEP-01	V	V		V		V	V
K2106278-013	01NE29FT107 Remains	TISSUE	10:47 21-AUG-01	23-SEP-01	V	V		V		V	V
K2106278-014	01NE29FT108 Fillet	TISSUE	08:00 22-AUG-01	23-SEP-01	V	V		V		V	V
K2106278-015	01NE29FT108 Egg	TISSUE	08:00 22-AUG-01	23-SEP-01	V	V		V		V	V
K2106278-016	01NE29FT109	TISSUE	08:00 22-AUG-01	23-SEP-01					V		
K2106278-017	01NE29FT110	TISSUE	08:00 22-AUG-01	23-SEP-01					V		
K2106278-018	01NE29FT111	TISSUE	08:00 22-AUG-01	23-SEP-01					V		
K2106278-019	01NE29FT112	TISSUE	08:00 22-AUG-01	23-SEP-01					V		
K2106278-020	01NE29FT113	TISSUE	08:00 22-AUG-01	23-SEP-01					V		
K2106278-021	01NE29FT114	TISSUE	08:00 22-AUG-01	23-SEP-01					V		
K2106278-022	01NE29FT115	TISSUE	08:00 22-AUG-01	23-SEP-01					V		
K2106278-023	01NE30FT101 Head	TISSUE	10:22 21-AUG-01	23-SEP-01	V	V		V		V	V
K2106278-024	01NE30FT101 Eggs	TISSUE	10:22 21-AUG-01	23-SEP-01	V	V		V		V	V
K2106278-025	01NE30FT101 Fillet	TISSUE	10:22 21-AUG-01	23-SEP-01	V	V		V		V	V
K2106278-026	01NE30FT102 Fillet	TISSUE	10:22 21-AUG-01	23-SEP-01	V	V		V		V	V
K2106278-027	01NE30FT102 Remains	TISSUE	10:22 21-AUG-01	23-SEP-01	V	V		V		V	V
K2106278-028	01NE30FT103 Fillet	TISSUE	10:22 21-AUG-01	23-SEP-01	V	V		V		V	V
K2106278-029	01NE30FT104 Head	TISSUE	20:15 20-AUG-01	23-SEP-01	V	V		V		V	V
K2106278-030	01NE30FT104 Remains	TISSUE	20:15 20-AUG-01	23-SEP-01	V	V		V		V	V
K2106278-031	01NE30FT105 Egg	TISSUE	20:15 20-AUG-01	23-SEP-01	V	V		V		V	V
K2106278-032	01NE30FT105 Fillet	TISSUE	20:15 20-AUG-01	23-SEP-01	V	V		V		V	V
K2106278-033	01NE30FT105 Remains	TISSUE	20:15 20-AUG-01	23-SEP-01	V	V		V		V	V
K2106278-034	01NE30FT106 Fillet	TISSUE	20:15 20-AUG-01	23-SEP-01	V	V		V		V	V
K2106278-035	01NE28FT101 Blackfish	TISSUE	11:19 19-AUG-01	23-SEP-01	V	V		V		V	V
K2106278-036	01NE28FT102 Blackfish	TISSUE	11:19 19-AUG-01	23-SEP-01	V	V		V		V	V
K2106278-037	01NE28FT103 Blackfish	TISSUE	11:19 19-AUG-01	23-SEP-01	V	V		V		V	V
K2106278-038	01NE28PT5107	TISSUE	15:30 20-AUG-01	23-SEP-01	V	V		V		V	

Samples Found To Be Hazardous: NONE__ ALL__ *SOME__

Reviewed By:_____

Columbia Analytical Services -- Kelso
INTERNAL LOGIN SUMMARY REPORT (il01)
31-OCT-01 11:42

00012

Service Req. No. K2106278
Client No. 136500
Client Name Montgomery Watson, Inc.

Project No. 1850574.260120
Project Name Northeast Cape, St. Lawrence Island

Bottles: 1 - 8 oz Glass
37 - Baggie

Bill To: Montgomery Watson Americas, Inc.
Attn: Accounts Payable
4100 Spenard Road
Anchorage, AK 99517

Report To: Montgomery Watson Americas, Inc.
Jane Whitsett
4100 Spenard Road
Anchorage, AK 99517

P.O. No.
Logged In By FADAIR
ISR Num
COC Received Y
Samples Submitted 24-AUG-01

Site ID
Project Chemist Mingta Lin

Storage: KRYPTON 6

CAS Samp No.	Client Sample No.	Matrix	Collected	DueDate	MISC METALS	MISC-SVG-GC	SIM-PAH	~DIGEST
K2106278-001	01NE29FT101 Head	TISSUE	08:51 21-AUG-01	23-SEP-01	V	V	V	V
K2106278-002	01NE29FT101 Eggs	TISSUE	08:51 21-AUG-01	23-SEP-01	V	V	V	V
K2106278-003	01NE29FT101 Fillet	TISSUE	08:51 21-AUG-01	23-SEP-01	V	V	V	V
K2106278-004	01NE29FT102 Head	TISSUE	08:51 21-AUG-01	23-SEP-01	V	V	V	V
K2106278-005	01NE29FT102 Eggs	TISSUE	08:51 21-AUG-01	23-SEP-01	V	V	V	V
K2106278-006	01NE29FT102 Fillet	TISSUE	08:51 21-AUG-01	23-SEP-01	V	V	V	V
K2106278-007	01NE29FT103 Fillet	TISSUE	08:51 21-AUG-01	23-SEP-01	V	V	V	V
K2106278-008	01NE29FT103 Remains	TISSUE	08:51 21-AUG-01	23-SEP-01	V	V	V	V
K2106278-009	01NE29FT104 Fillet	TISSUE	08:51 21-AUG-01	23-SEP-01	V	V	V	V
K2106278-010	01NE29FT105 Fillet	TISSUE	10:47 21-AUG-01	23-SEP-01	V	V	V	V
K2106278-011	01NE29FT106 Fillet	TISSUE	10:47 21-AUG-01	23-SEP-01	V	V	V	V
K2106278-012	01NE29FT107 Fillet	TISSUE	10:47 21-AUG-01	23-SEP-01	V	V	V	V
K2106278-013	01NE29FT107 Remains	TISSUE	10:47 21-AUG-01	23-SEP-01	V	V	V	V
K2106278-014	01NE29FT108 Fillet	TISSUE	08:00 22-AUG-01	23-SEP-01	V	V	V	V
K2106278-015	01NE29FT108 Egg	TISSUE	08:00 22-AUG-01	23-SEP-01	V	V	V	V
K2106278-016	01NE29FT109	TISSUE	08:00 22-AUG-01	23-SEP-01				
K2106278-017	01NE29FT110	TISSUE	08:00 22-AUG-01	23-SEP-01				
K2106278-018	01NE29FT111	TISSUE	08:00 22-AUG-01	23-SEP-01				
K2106278-019	01NE29FT112	TISSUE	08:00 22-AUG-01	23-SEP-01				
K2106278-020	01NE29FT113	TISSUE	08:00 22-AUG-01	23-SEP-01				
K2106278-021	01NE29FT114	TISSUE	08:00 22-AUG-01	23-SEP-01				
K2106278-022	01NE29FT115	TISSUE	08:00 22-AUG-01	23-SEP-01				
K2106278-023	01NE30FT101 Head	TISSUE	10:22 21-AUG-01	23-SEP-01	V	V	V	V
K2106278-024	01NE30FT101 Eggs	TISSUE	10:22 21-AUG-01	23-SEP-01	V	V	V	V
K2106278-025	01NE30FT101 Fillet	TISSUE	10:22 21-AUG-01	23-SEP-01	V	V	V	V
K2106278-026	01NE30FT102 Fillet	TISSUE	10:22 21-AUG-01	23-SEP-01	V	V	V	V
K2106278-027	01NE30FT102 Remains	TISSUE	10:22 21-AUG-01	23-SEP-01	V	V	V	V
K2106278-028	01NE30FT103 Fillet	TISSUE	10:22 21-AUG-01	23-SEP-01	V	V	V	V
K2106278-029	01NE30FT104 Head	TISSUE	20:15 20-AUG-01	23-SEP-01	V	V	V	V
K2106278-030	01NE30FT104 Remains	TISSUE	20:15 20-AUG-01	23-SEP-01	V	V	V	V
K2106278-031	01NE30FT105 Egg	TISSUE	20:15 20-AUG-01	23-SEP-01	V	V	V	V
K2106278-032	01NE30FT105 Fillet	TISSUE	20:15 20-AUG-01	23-SEP-01	V	V	V	V
K2106278-033	01NE30FT105 Remains	TISSUE	20:15 20-AUG-01	23-SEP-01	V	V	V	V
K2106278-034	01NE30FT106 Fillet	TISSUE	20:15 20-AUG-01	23-SEP-01	V	V	V	V
K2106278-035	01NE28FT101 Blackfish	TISSUE	11:19 19-AUG-01	23-SEP-01	V	V	V	V
K2106278-036	01NE28FT102 Blackfish	TISSUE	11:19 19-AUG-01	23-SEP-01	V	V	V	V
K2106278-037	01NE28FT103 Blackfish	TISSUE	11:19 19-AUG-01	23-SEP-01	V	V	V	V
K2106278-038	01NE28PT5107	TISSUE	15:30 20-AUG-01	23-SEP-01	V	V	V	V

Comments:

K2106278 ICP/MS-10: = Sb,As,Ba,Cd,Cr,Pb,Ni,Ag,V,Zn.

Samples Found To Be Hazardous: NONE__ ALL__ *SOME__

Reviewed By:_____

Columbia Analytical Services -- Kelso
INTERNAL LOGIN SUMMARY REPORT (il01)
31-OCT-01 11:42

00013

Service Req. No. K2106278
Client No. 136500
Client Name Montgomery Watson, Inc.

Project No. 1850574.260120
Project Name Northeast Cape, St. Lawrence Island

Bottles: 1 - 8 oz Glass
37 - Baggie

Bill To: Montgomery Watson Americas, Inc.
Attn: Accounts Payable
4100 Spenard Road
Anchorage, AK 99517

Report To: Montgomery Watson Americas, Inc.
Jane Whitsett
4100 Spenard Road
Anchorage, AK 99517

P.O. No.
Logged In By FADAIR
ISR Num
COC Received Y
Samples Submitted 24-AUG-01

Site ID
Project Chemist Mingta Lin

Storage: KRYPTON 6

CAS Samp No.	Client Sample No.	Matrix	Collected	DueDate	MISC METALS	MISC-SVG-GC	SIM-PAH	~DIGEST
K2106278	MISC METALS: = Se by EPA 7742.							

Samples Found To Be Hazardous: NONE__ ALL__ *SOME__

Reviewed By:_____

Northeast Cape, St. Lawrence Island, Alaska. 2001 Chain of Custody

CoolerID/COC#: Ø1NEC FT Ø2

00014

Montgomery Watson Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Columbia Analytical Services
1317 South 13th Avenue
Kelso, WA. 98626
(360) 577-7222
Fax (360) 636-1068
Attn: Mingta Lin

MW Job Number:
1850574.260120
NPDL #01-065
USACE & Fuel Chromatograms
30 day turnaround

Sampler's signature: William A. O'Connell

K2106278

Date	Time	Sample ID	Matrix	Total Containers	Fish Tissue, Freeze: PAH SW8270C SIM Ziplock Bags	PCB SW8082 Ziplock Bags	% Lipids PSEP Gravimetrix Method Ziplock Bags	Metals SW6000/7000 Ziplock bags	Comments
8-21-01	0851	Ø1NE29FT101	tissue	1					Female dissect (head, eggs, Fillet)
8-21-01	0851	Ø1NE29FT102	tissue	1					Female dissect (head, eggs, Fillet)
8-21-01	0851	Ø1NE29FT103	tissue	1					Fillet, Homogenize
8-21-01	0851	Ø1NE29FT104	tissue	1					Fillet
8-20-01	1047	Ø1NE29FT105	tissue	1					Fillet
8-20-01	1047	Ø1NE29FT106	tissue	1					Fillet
8-20-01	1047	Ø1NE29FT107	tissue	1					Fillet, additional sample
8-22-01	0800	Ø1NE29FT108	tissue	1					additional sample
8-22-01	0800	Ø1NE29FT109	tissue	1					additional sample
8-22-01	0800	Ø1NE29FT110	tissue	1					additional sample
8-22-01	0800	Ø1NE29FT111	tissue	1					additional sample
8-22-01	0800	Ø1NE29FT112	tissue	1					additional sample
8-22-01	0800	Ø1NE29FT113	tissue	1					additional sample
8-22-01	0800	Ø1NE29FT114	tissue	1					additional sample
8-22-01	0800	Ø1NE29FT115	tissue	1					additional sample
									Please see attached sheet for PAH and metals required.

Please record temperature blank only in the space provided.

Following receipt of sample cooler, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett at (907) 248-8883

Relinquished by: William A O'Connell Company: Montgomery Watson	Date 8-23-01 Time 1200	Shipped via: Alt. Air Goldstreak	Shipping number: 1720 4596
Received by: Fran Allaire Company: CAS	Date 8/24/01 Time 1022	Relinquished by: Company:	Date Time Temperature blank temperature upon arrival: °C
Received by: Company:	Date Time	Relinquished by: Company:	Date Time Custody seal #s: 17863 17860

Northeast Cape, St. Lawrence Island, Alaska. 2001 Chain of Custody

CoolerID/COC#: Ø1NEC FT Ø1

00015

IC 2106278

Montgomery Watson Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Columbia Analytical Services
1317 South 13th Avenue
Kelso, WA. 98626
(360) 577-7222
Fax (360) 636-1068
Attn: Mingta Lin

MW Job Number:
1850574.260120
NPDL #01-065
USACE & Fuel Chromatograms
30 day turnaround

Sampler's signature: William A. O'Connell

Date	Time	Sample ID	Matrix	Total Containers	Fish Tissue, Freeze: PAH SW8270C SIM Ziplock Bags	PCB SW8082 Ziplock Bags	% Lipids PSEP Gravimetrix Method Ziplock Bags	Metals SW6000/7000 Ziplock bags	Comments
8-21-01	1022	Ø1NE3ØFT101	tissue	1	✓	✓	✓	✓ DS	Female dissect (head, eggs, Fillet)
8-21-01	1022	Ø1NE3ØFT102	tissue	1	✓	✓	✓	✓	Fillet, Homogenize
8-21-01	1022	Ø1NE3ØFT103	tissue	1	✓	✓ DS	✓	✓ DS	Fillet
8-20-01	2015	Ø1NE3ØFT104	tissue	1	✓	✓	✓	✓	Fillet
8-20-01	2015	Ø1NE3ØFT105	tissue	1	✓	✓	✓	✓	Fillet
8-20-01	2015	Ø1NE3ØFT106	tissue	1	✓	✓	✓	✓	Fillet
8-19-01	1119	Ø1NE28FT101	tissue	1	✓	✓	✓	✓	Blackfish
8-19-01	1119	Ø1NE28FT102	tissue	1	✓	✓	✓	✓	Blackfish
8-19-01	0919	Ø1NE28FT103	tissue	1	✓	✓	✓	✓	Blackfish

Please see attached sheet for PAH and metals required.

Please record temperature blank only in the space provided.

Following receipt of sample coolers, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett at (907) 248-8883

Relinquished by: William A. O'Connell	Date 8-23-01	Shipped via: AK. air. Goldstreak	Shipping number: 1720 4600
Company: Montgomery Watson	Time 1200		
Received by: Jean Blaser	Date 8/24/01	Relinquished by:	Date
Company: OAS	Time 1000	Company:	Time
Received by:	Date	Relinquished by:	Date
Company:	Time	Company:	Time

Temperature blank temperature upon arrival: °C

Custody seal #s: 17866 17867

CoolerID/COC#: Ø1NE07 PT

00016

Northeast Cape, St. Lawrence Island,Alaska
Chain of Custody

Montgomery Watson Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Eileen Maus

Laboratory:
Columbia Analytical Services
1317 South 13th Avenue
Kelso, WA. 98626
(360) 577-7222
Fax (360) 636-1068
Attn: Mingta Lin

MW Job Number:
1850574.260120
NPDL #01-065

Sampler's signature: Bonnie Mcha

Plant Tissue

1 - 902 Jar

Date 2004	Time	Sample ID	Matrix	Total Containers	PAH SW8270C SIM Ziplock Bags w/ wax paper	PCB SW8682 Ziplock Bags w/ wax paper	Metals SW6000/7000 Ziplock Bags w/ wax paper			Comments
8-20	1530	01 NE 28 PT5 107	P	1	X ✓	✓	✓			MS/MSD
										Please see attached sheet for PAH and metals required.
										Please record temperature blank only in the space provided.
										Following receipt of sample cooler, please fax CoC and
										Lab cooler check-in form to Sandra Kimbrell at
										(907) 353-7070 and Eileen Maus at (907) 248-8883

Relinquished by: Bonnie Mcha	Date 8-22-04	Shipped via: 027 ANC		Shipping number:
Company: Montgomery Watson	Time 1900	AKAL 1720 4596		
Received by:	Date	Relinquished by:	Date	Cooler temperature upon arrival: °C
Company:	Time	Company:	Time	
Received by:	Date	Relinquished by:	Date	Custody seal #s:
Company:	Time	Company:	Time	17866 17867

Alaska G-S.

Columbia Analytical Services Inc.
Cooler Receipt And Preservation Form

Project/Client Montgomery Watson Work Order K21 06278

Cooler received on 8/24/01 and opened on 8/28/01 by UCH

1.	Were custody seals on outside of cooler? If yes, how many and where? Front						YES NO
2.	Were seals intact and signature & date correct?						YES NO
3.	COC #	01NECFT01	01NECFT02	____	____	____	
	Temperature of cooler(s) upon receipt:	3.7°	0.4	____	____	____	
	Temperature Blank:	FROZEN	FROZEN	____	____	____	
4.	Were custody papers properly filled out (ink, signed, etc.)?						YES NO
5.	Type of packing material present NONE						
6.	Did all bottles arrive in good condition (unbroken)?						YES NO
7.	Were all bottle labels complete (*i.e.* analysis, preservation, etc.)?						YES NO
8.	Did all bottle labels and tags agree with custody papers?						YES NO
9.	*Were the correct types of bottles used for the tests indicated?*						*YES NO*
10.	Were all of the preserved bottles received at the lab with the appropriate pH?						YES ~~NO~~
11.	Were VOA vials checked for absence of air bubbles, and if present, noted below?						~~YES NO~~
12.	Did the bottles originate from CAS/K or a branch laboratory? ____						YES NO

Explain any discrepancies ____

Samples that required preservation or received out of temperature:

Sample ID	Reagent	Volume	Lot Number	Bottle Type	Rec'd out of Temperature	Initials

* per Mingta freeze samples until further notice ... 8/24/01

00017

Northeast Cape, St. Lawrence Island Alaska. 2001 Chain of Custody

Cooler ID/COC#: 01NEC25

DN38

Montgomery Watson Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

Sampler's signature: Doug Quist Melissa Markell

Date 2001	Time	Sample ID	Matrix	Total Containers	DRO/RRO AK102/103 1 x 4oz. amber glass jar	BTEX SW 8260B 1 x 2oz. Glass jar w/MeOH	GRO AK101 1 x 2oz. glass jar w/MeOH	VOCs SW8260B 1 x 2oz. glass jar w/MeOH	PAHs SW8270C SIM 1 x 4oz. amber glass jar	PCBs SW8082 1 x 4oz. amber glass jar	Metals SW6010B ~~7000~~ Pb, Zn, Cr 1 x 4oz. amber glass jar	TOC lab method 1 x 4oz. amber glass jar	COMMENTS
8-20	1450	01NE28SD165	SD	5	X				X	X	X	X	
8-20	1455	01NE28SD166	SD	5	X				X	X	X	X	
8-20	1505	01NE28SD167	SD	5	X				X	X	X	X	01NE28SD167
8-20	1510	01NE28SD168	SD	5	X				X	X	X	X	
8-20	1515	01NE28SD169	SD	5	X				X	X	X	X	
8-20	1530	01NE28SD170	SD	5	X				X	X	X	X	

Please record Temperature Blank only in the space provided

Following receipt of sample cooler, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett at (907) 248-8884

Relinquished by: Eileen Mews	Date 8-22-01	Shipped via: AK AL GO PRI	Shipping number: 027 2754 1135
Company: Montgomery Watson	Time 1730		
Received by: Susan Snyder	Date 8-24-01	Relinquished by: Date	Temperature blank temperature upon arrival: °C
Company: ARI	Time 955	Company: Time	0.5°C
Received by: Date		Relinquished by: Date	Custody seal #s: 17785, 17780
Company: Time		Company: Time	

Northeast Cape, St. Lawrence Island Alaska. 2001 Chain of Custody

CoolerID/COC#: Ø1NEC 17

Montgomery Watson Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround Melissa Markell

Sampler's signature: Douglas Burnham

Date	Time	Sample ID	Matrix	Total Containers	DRO/RRO AK102/103 1 x 4oz. amber glass jar	BTEX SW 8260B 1 x 2oz. Glass jar w/MeOH	GRO AK101 1 x 2oz. glass jar w/MeOH	VOCs SW8260B 1 x 2oz. glass jar w/MeOH	PAHs SW8270C SIM 1 x 4oz. amber glass jar	PCBs SW8082 1 x 4oz. amber glass jar	Metals SW6010B~~7000~~ Pb, Zn, Cr 1 x 4oz. amber glass jar	TOC lab method 1 x 4oz. amber glass jar	COMMENTS
8/19/01	1610	01NE28SD153	SD	5	1 ✓				1 ✓	1 ✓	1 ✓	1 ✓	
8/19/01	1615	01NE28SD253	SD	4	1 ✓				1 ✓	1 ✓	1 ✓		
8/19/01	1620	01NE28SD154	SD	5	1 ✓				1 ✓	1 ✓	1 ✓	1 ✓	
8/19/01	1625	01NE28SD155	SD	5	1 ✓				1 ✓	1 ✓	1 ✓	1 ✓	
8/19/01	1630	01NE28SD156	SD	5	1 ✓				1 ✓	1 ✓	1 ✓	1 ✓	
8/19/01	1635	01NE28SD157	SD	5	1 ✓				1 ✓	1 ✓	1 ✓	1 ✓	
8/19/01	1640	01NE28SD257	SD	4	1 ✓				1 ✓	1 ✓	1 ✓		
8/19/01	1645	01NE28SD158	SD	5	1 ✓				1 ✓	1 ✓	1 ✓	1 ✓	

Please record Temperature Blank only in the space provided

Following receipt of sample cooler, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett at (907) 248-8884

Relinquished by: Eileen Mans	Date 8/20/01	Shipped via: GO-PRI AK Airlines	Shipping number: 2754 1146
Company: Montgomery Watson	Time 1000		
Received by: Susan Snyder	Date 8/21/01	Relinquished by:	Date
Company: AKI	Time 2215	Company:	Time
Received by:	Date	Relinquished by:	Date
Company:	Time	Company:	Time

Temperature blank temperature upon arrival: 5.5°C °C

Custody seal #s: 17573, 17984

Incorporated

ARI Client: Montgomery Watson Project: Northeast Cape

Delivered by: AK Airlines Tracking No.: 027275411 46 Date: 8/21/01

ARI Project No. _____ LIMS Nos.: _____

Preliminary Examination Phase

1.	Were intact, properly signed and dated custody seals attached to the outside of cooler?	(Yes)	No
2.	Were custody papers included with the cooler?	(Yes)	No
3.	Were custody papers properly filled out (ink,signed,etc.)?	(Yes)	No
4.	Complete custody forms and attach all shipping documents	(OK)	NA

Cooler Accepted by: [signature] Date: 8/21/01 Time: 2215

Log-in Phase

5.	Was a temperature blank included in the cooler?	(Yes)	No
6.	Record Cooler Temperature	5.5	degrees C
7.	What kind of packing material was used?	Bubble wrap	
8.	Was sufficient ice used (if appropriate)?	(Yes)	No
9.	Were all bottles sealed in seperate plastic bags?	(Yes)	No
10.	Did all bottles arrive in good condition (unbroken)?	(Yes)	No
11.	Were all bottle labels complete and legible?	(Yes)	No
12.	Did all bottle labels and tags agree with custody papers?	(Yes)	No
13.	Were all bottles used correct for the requested analyses?	(Yes)	No
14.	Do any of the analyses (bottles) require preservative? (If so, Preservation Verification checklist must be attached.)	Yes	(No)
15.	Were all VOA vials free of air bubbles?	Yes NA	No
16.	Was sufficient amount of sample sent in each bottle?	(Yes)	No
17.	Notify Project Manager of any discrepancies or concerns	(OK)	NA

Cooler Opened by: [signature] Date: 8/21/01 Time: 2215

Explain any discrepancies or negative responses:

PLEASE TYPE

027 | Airport of Departure 2754 1146 | Subject to Conditions of Contract on the Back of the Airbill | INSURANCE AVAILABLE | 027 2754 1146

SHIPPERS NAME AND ADDRESS: Montgomery Watson Harza
4100 Spenard Road
Anchorage, AK 99517 Site: Northeast Cape

SHIPPERS ACCOUNT NUMBER: 2744-006515-1

CONSIGNEE'S NAME AND ADDRESS: ARI
333 Ninth Avenue
North Seattle, WA 98109-5187

CONSIGNEE'S ACCOUNT NUMBER:

NOT NEGOTIABLE
AIR WAYBILL
(AIR CONSIGNMENT NOTE)

Alaska Airlines
SEATTLE-TACOMA INTERNATIONAL AIRPORT
SEATTLE, WASHINGTON

Copies 3, 9 and 1 of this Air Waybill are originals and have the same validity.

It is agreed that the goods described herein are accepted for carriage in apparent good order and condition (except as noted) and SUBJECT TO THE CONDITIONS OF CONTRACT ON THE REVERSE HEREOF. THE SHIPPER'S ATTENTION IS DRAWN TO THE NOTICE CONCERNING CARRIER'S LIMITATION OF LIABILITY.

TO EXPEDITE MOVEMENT, SHIPMENT MAY BE DIVERTED TO MOTOR OR OTHER CARRIER AS PER TARIFF RULE UNLESS SHIPPER GIVES OTHER INSTRUCTIONS HEREON.

ISSUING CARRIER'S AGENT NAME AND CITY

ALSO NOTIFY NAME AND ADDRESS *(OPTIONAL ACCOUNTING INFORMATION)*
Call Upon Arrival 206-389-6167
KEEP COOL - DO NOT FREEZE

AGENTS IATA CODE | ACCOUNT NO.

AIRPORT OF DEPARTURE (ADDR OF FIRST CARRIER) AND REQUESTED ROUTING

☐ DOOR-TO-DOOR ☐ DOMESTIC
☒ PRIORITY ☐ INTERNATIONAL

ROUTING AND DESTINATION TO	BY FIRST CARRIER	TO	BY	TO	BY	CURRENCY	CHGS CODE	WT/VAL PPD	WT/VAL COLL	OTHER PPD	OTHER COLL	DECLARED VALUE FOR CARRIAGE	DECLARED VALUE FOR CUSTOMS

AIRPORT OF DESTINATION	FOR CARRIER USE ONLY FLIGHT/DATE	FLIGHT/DATE	AMOUNT OF INSURANCE	INSURANCE - If shipper requests insurance in accordance with conditions on reverse hereof, indicate amount to be insured in figures in box marked amount of insurance.	TC

HANDLING INFORMATION These commodities licensed by US for ultimate destination. Diversion contrary to US law is prohibited.

Refrigerate - Do not freeze

GO - PRI

NO. OF PIECES RCP	GROSS WEIGHT	kg lb	RATE CLASS COMMODITY ITEM NO.	CHARGEABLE WEIGHT	RATE / CHARGE	TOTAL	NATURE AND QUANTITY OF GOODS (INCL. DIMENSIONS OR VOLUME)

PREPAID / WEIGHT CHARGE / COLLECT
A.

VALUATION CHARGE
D.

TAX
I.

TOTAL OTHER CHARGES DUE AGENT

TOTAL OTHER CHARGES DUE CARRIER

G. COD ➡ CURRENCY

TOTAL PREPAID | TOTAL COLLECT

CURRENCY CONVERSION RATES | TOTAL COLLECT IN DESTINATION CURRENCY

P-UP ZONE	PICKUP CHARGES	ORIGIN ADVANCE CHARGES	DESCRIPTION OF ORIGIN ADVANCE
	B.	K.	
DEL ZONE	DELIVERY CHARGES	DEST. ADVANCE CHARGES	DESCRIPTION OF DEST. ADVANCE
	C.	L	

OTHER CHARGES AND DESCRIPTION F. | ITEMS PREPAID | ITEMS COLLECT

The shipper certifies that the particulars on the face hereof are correct, agrees to the CONDITIONS ON REVERSE HEREOF, accepts that carrier's liability is limited as stated on the reverse hereof and accepts such value unless a higher value for carriage is declared on the face hereof subject to an additional charge and that insofar as any part of the consignment contains restricted articles, such part is properly described by name and is in proper condition for carriage by air according to applicable national governmental regulations, and for international shipments, the current International Air Transport Association's Restricted Articles Regulations.

SIGNATURE OF SHIPPER OR HIS AGENT ABOVE AND INITIAL APPLICABLE BOX BELOW.

[X] THIS SHIPMENT DOES NOT CONTAIN DANGEROUS GOODS.

[ ] THIS SHIPMENT DOES CONTAIN DANGEROUS GOODS.

EXECUTED ON

(Date) (Time) at (Place) SIGNATURE OF ISSUING CARRIER OR ITS AGENT.

Carrier certifies goods described above were received for carriage subject to the Conditions on reverse hereof, the goods then being in apparent good order and condition except as noted hereon

Northeast Cape, St. Lawrence Island Alaska. 2001 Chain of Custody

01-14718 01-14729

CoolerID/COC#: Ø1NEC23

Montgomery Watson Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder

DN38

MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

Sampler's signature: Doug Quist Melissa Markell

Date	Time	Sample ID	Matrix	Total Containers	SOIL, Cool to 4°C: DRO/RRO AK102/103 1 x 4oz. amber glass jar	BTEX SW 8260B 1 x 2oz. Glass jar w/MeOH	GRO AK101 1 x 2oz. glass jar w/MeOH	VOCs SW8260B 1 x 2oz. glass jar w/MeOH	PAHs SW8270C SIM 1 x 4oz. amber glass jar	PCBs SW8082 1 x 4oz. amber glass jar	Pb Zn Cr SW 6010 B Metals ~~Sb Co Cu~~ 6010/7000 1 x 4oz. amber glass jar	TOC lab method 1 x 4oz. amber glass jar	COMMENTS
8-21-01	1630	01NE29SD114	SD	9	X ✓				X ✓	X ✓	X ✓	X ✓	MS / MSD DRO/RRO, PCB, PAH, PbZnCr, only
8-21-01	1635	01NE29SD214	SD	4	X ✓				X ✓	X ✓	X ✓		
8-21-01	1650	01NE29SD115	SD	5	X ✓				X ✓	X ✓	X ✓	X ✓	
8-21-01	1705	01NE29SD116	SD	5	X ✓				X ✓	X ✓	X ✓	X ✓	
8-21-01	1540	01NE29SD117	SD	5	X ✓				X ✓	X ✓	X ✓	X ✓	
8-21-01	1545	01NE29SD118	SD	5	X ✓				X ✓	X ✓	X ✓	X ✓	
8-21-01	1550	01NE29SD119	SD	5	X ✓				X ✓	X ✓	X ✓	X ✓	

Please record Temperature Blank only in the space provided

Following receipt of sample cooler, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett at (907) 248-8884

Relinquished by: Eileen Maus	Date 8-22-01	Shipped via: GOPRI AK AL Goldstreak	Shipping number: 027 Anx 2754 1135	
Company: Montgomery Watson	Time 1730			
Received by: Susan Snyder	Date 8-24-01	Relinquished by:	Date	Temperature blank temperature upon arrival: °C
Company: ARI	Time 9:30	Company:	Time	3.5°C
Received by:	Date	Relinquished by:	Date	Custody seal #s:
Company:	Time	Company:	Time	17776 / 17777

Cooler Receipt Form

ANALYTICAL RESOURCES INCORPORATED

ARI Client: Montgomery Watson Project Name: Northeast Cape

COC NO.: 01NEC25 Delivered By: Ak Airlines

Tracking NO.: 027 27541135 Date: 8-24-01

ARI Job No.: DN38 Lims NO.: 01-14725-0147

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached To the outside of the cooler? ..... (YES) NO
2. Were custody papers included with the cooler ..... (YES) NO
3. Were custody papers properly filled out (ink, signed etc.)? ..... (YES) NO
4. Complete custody forms and attach all shipping documents ..... (OK) NA

Cooler Accepted BY: Theresa Reyda Date: 8-24-01 Time: 955

Log-IN Phase:

5. Was a temperature blank include in the cooler? ..... (YES) NO
6. Record Cooler Temperature ..... 0.5 °C
7. What kind of packing material was used? ..... Bubblewrap
8. Was sufficient ice used (if appropriate)? ..... (YES) NO
9. Were all bottles sealed in separate plastic bags? ..... (YES) NO
10. Did all bottles arrive in good condition (unbroken)? ..... (YES) NO
11. Were all bottle labels complete and legible? ..... (YES) NO
12. Did all bottle labels and tags agree with custody papers? ..... (YES) NO
13. Were all bottles used correct for the requested analyses? ..... (YES) NO
14. Do any of the analyses (bottles) require preservative? (If so, Preservation checklist must be attached) ..... YES (NO)
15. Were all VOA vials free of air bubbles? ..... YES NA NO
16. Was sufficient amount of sample sent in each bottle? ..... (YES) NO
17. Notify Project Manager of any discrepancies or concerns ..... (OK) NA

Cooler Opened By: Edward Johnson Date: 8/24/01 Time 9:55

Explain any discrepancies or negative responses:

Cooler Receipt Form

ANALYTICAL RESOURCES INCORPORATED

ARI Client: Montgomery Watson Project Name: Northeast Cape

COC NO.: 01NEC23 Delivered By: Ak Airlines

Tracking NO.: 027 2754 1135 Date: 8-24-01

ARI Job No.: DN38 Lims NO.: 01-14718 - 01-14724

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached
   To the outside of the cooler? 2 front & Back ..... (YES) NO
2. Were custody papers included with the cooler ..... (YES) NO
3. Were custody papers properly filled out (ink, signed etc.)? ..... (YES) NO
4. Complete custody forms and attach all shipping documents ..... (OK) NA

Cooler Accepted BY: Susan Snyder Date: 8-24-01 Time: 9:30

Log-IN Phase:

5. Was a temperature blank include in the cooler? ..... (YES) NO
6. Record Cooler Temperature ..... 3.5 °C
7. What kind of packing material was used? ..... Bubble Wrap
8. Was sufficient ice used (if appropriate)? ..... (YES) NO
9. Were all bottles sealed in separate plastic bags? ..... (YES) NO
10. Did all bottles arrive in good condition (unbroken)? ..... (YES) NO
11. Were all bottle labels complete and legible? ..... (YES) NO
12. Did all bottle labels and tags agree with custody papers? ..... (YES) NO
13. Were all bottles used correct for the requested analyses? ..... (YES) NO
14. Do any of the analyses (bottles) require preservative?
    (If so, Preservation checklist must be attached) ..... YES (NO)
15. Were all VOA vials free of air bubbles? ..... YES (NA) NO
16. Was sufficient amount of sample sent in each bottle? ..... (YES) NO
17. Notify Project Manager of any discrepancies or concerns ..... (OK) NA

Cooler Opened By: Deborah Amos Date: 8/24/01 Time 9:30

Explain any discrepancies or negative responses:

PLEASE TYPE

027 | Airport of Departure 2754 1135 | Subject to Conditions of Contract on the Back of the Airbill | INSURANCE AVAILABLE | 027 2754 1135

SHIPPERS NAME AND ADDRESS: Montgomery Watson Harza
SHIPPERS ACCOUNT NUMBER: 2744-006515-1
4100 Spenard Road
Anchorage, AK 99517 Site: Northeast cape

CONSIGNEE'S NAME AND ADDRESS: ARI
CONSIGNEE'S ACCOUNT NUMBER:
333 Ninth Avenue
North Seattle, WA 98109-5187

NOT NEGOTIABLE
AIR WAYBILL
(AIR CONSIGNMENT NOTE)

Alaska Airlines
SEATTLE-TACOMA INTERNATIONAL AIRPORT
SEATTLE, WASHINGTON

Copies 3, 9 and 1 of this Air Waybill are originals and have the same validity.

It is agreed that the goods described herein are accepted for carriage in apparent good order and condition (except as noted) and SUBJECT TO THE CONDITIONS OF CONTRACT ON THE REVERSE HEREOF. THE SHIPPER'S ATTENTION IS DRAWN TO THE NOTICE CONCERNING CARRIER'S LIMITATION OF LIABILITY.

TO EXPEDITE MOVEMENT, SHIPMENT MAY BE DIVERTED TO MOTOR OR OTHER CARRIER AS PER TARIFF RULE UNLESS SHIPPER GIVES OTHER INSTRUCTIONS HEREON.

ISSUING CARRIER'S AGENT NAME AND CITY

ALSO NOTIFY NAME AND ADDRESS *(OPTIONAL ACCOUNTING INFORMATION)*
Call Upon Arrival 206-389-6167
KEEP COOL _ DO NOT FREEZE

AGENTS IATA CODE | ACCOUNT NO.

AIRPORT OF DEPARTURE (ADDR OF FIRST CARRIER) AND REQUESTED ROUTING

[X] DOOR-TO-DOOR [ ] DOMESTIC
[ ] PRIORITY [ ] INTERNATIONAL

ROUTING AND DESTINATION						CURRENCY	CHGS CODE	WT/VAL		OTHER		DECLARED VALUE FOR CARRIAGE	DECLARED VALUE FOR CUSTOMS
TO	BY FIRST CARRIER	TO	BY	TO	BY			PPD	COLL	PPD	COLL		

AIRPORT OF DESTINATION	FOR CARRIER USE ONLY FLIGHT/DATE	FLIGHT/DATE	AMOUNT OF INSURANCE	INSURANCE - If shipper requests insurance in accordance with conditions on reverse hereof, indicate amount to be insured in figures in box marked amount of insurance.	TC

HANDLING INFORMATION These commodities licensed by US for ultimate destination. Diversion contrary to US law is prohibited.
Refrigerate - Do not freeze
GO PRI

NO. OF PIECES RCP	GROSS WEIGHT	kg lb	RATE CLASS COMMODITY ITEM NO.	CHARGEABLE WEIGHT	RATE / CHARGE	TOTAL	NATURE AND QUANTITY OF GOODS (INCL. DIMENSIONS OR VOLUME)

PREPAID	WEIGHT CHARGE	COLLECT	P-UP ZONE	PICKUP CHARGES	ORIGIN ADVANCE CHARGES	DESCRIPTION OF ORIGIN ADVANCE
A				B.	K.	
	VALUATION CHARGE		DEL ZONE	DELIVERY CHARGES	DEST. ADVANCE CHARGES	DESCRIPTION OF DEST. ADVANCE
D.				C.	L	
	TAX		OTHER CHARGES AND DESCRIPTION		ITEMS PREPAID	ITEMS COLLECT
I.			F.			
	TOTAL OTHER CHARGES DUE AGENT					
	TOTAL OTHER CHARGES DUE CARRIER					

The shipper certifies that the particulars on the face hereof are correct, agrees to the CONDITIONS ON REVERSE HEREOF, accepts that carrier's liability is limited as stated on the reverse hereof and accepts such value unless a higher value for carriage is declared on the face hereof subject to an additional charge and that insofar as any part of the consignment contains restricted articles, such part is properly described by name and is in proper condition for carriage by air according to applicable national governmental regulations, and for international shipments, the current International Air Transport Association's Restricted Articles Regulations.

G. COD → CURRENCY

SIGNATURE OF SHIPPER OR HIS AGENT ABOVE AND INITIAL APPLICABLE BOX BELOW.
[X] THIS SHIPMENT DOES NOT CONTAIN DANGEROUS GOODS.
[ ] THIS SHIPMENT DOES CONTAIN DANGEROUS GOODS.

TOTAL PREPAID	TOTAL COLLECT
CURRENCY CONVERSION RATES	TOTAL COLLECT IN DESTINATION CURRENCY

EXECUTED ON

(Date) (Time) at (Place) SIGNATURE OF ISSUING CARRIER OR ITS AGENT.

Carrier certifies goods described above were received for carriage subject to the Conditions on reverse hereof, the goods then being in apparent good order and condition except as noted hereon.

Northeast Cape, St. Lawrence Island Alaska. 2001 Chain of Custody

DNCC

CoolerID/COC#: Ø1NEC_14

Montgomery Watson Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround Melissa Markell

Sampler's signature: Douglas Grant Bonchosen

2001 Date	Time	Sample ID	Matrix	Total Containers	SOIL, Cool to 4°C: DRO/RRO AK102/103 1 x 4oz. amber glass jar	BTEX SW 8260B 1 x 2oz. Glass jar w/MeOH	GRO AK101 1 x 2oz. glass jar w/MeOH	VOCs SW8260B 1 x 2oz. glass jar w/MeOH	PAHs SW8270C SIM 1 x 4oz. amber glass jar	PCBs SW8082 1 x 4oz. amber glass jar	Metals SW6010B/7000 Pb Zn Cr 1 x 4oz. amber glass jar	TOC lab method 1 x 4oz. amber glass jar	COMMENTS
8-19	1000	01NE28SD135	SD	5	X ✓				X ✓	X ✓	X ✓	X ✓	
8-19	1010	01NE28SD136	SD	5	X ✓				X ✓	X ✓	X ✓	X ✓	
8-19	1015	01NE28SD137	SD	5	X ✓				X ✓	X ✓	X ✓	X ✓	
8-19	1025	01NE28SD138	SD	5	X ✓				X ✓	X ✓	X ✓	X ✓	
8-19	1035	01NE28SD139	SD	9	X ✓				X ✓	X ✓	X ✓	X ✓	MS/MSD DRO/RRO PAHs/PCB, Metals only
8-19	1100	01NE28SD140	SD	5	X ✓				X ✓	X ✓	X ✓	X ✓	
8-19	1040	01NE28SD239	SD	4	X ✓				X ✓	X ✓	X ✓		

Please record Temperature Blank only in the space provided

Following receipt of sample cooler, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett at (907) 248-8884

Relinquished by: Eileen Mays	Date 8-20-01	Shipped via: GO PRI AK Airlines	Shipping number: 2754 1146
Company: Montgomery Watson	Time 1000		
Received by: Susan Snyder	Date 8/21/01	Relinquished by:	Date
Company: AKI	Time 2210	Company:	Time
Received by:	Date	Relinquished by:	Date
Company:	Time	Company:	Time

Temperature blank temperature upon arrival: 3.5 °C

Custody seal #s: 17579, 17579

Northeast Cape, St. Lawrence Island Alaska. 2001 Chain of Custody

DNCC

CoolerID/COC#: ØINEC_18

Montgomery Watson
Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround Bmchoa

Sampler's signature: Douglas Quist Melissa Markell

Date	Time	Sample ID	Matrix	Total Containers	SOIL, Cool to 4°C: DRO/RRO AK102/103 1 x 4oz. amber glass jar	BTEX SW 8260B 1 x 2oz. Glass jar w/MeOH	GRO AK101 1 x 2oz. glass jar w/MeOH	VOCs SW8260B 1 x 2oz. glass jar w/MeOH	PAHs SW8270C SIM 1 x 4oz. amber glass jar	PCBs SW8082 1 x 4oz. amber glass jar	Metals SW6010B ~~7000~~ Pb Zn Cu 1 x 4oz. amber glass jar	TOC lab method 1 x 4oz. amber glass jar	COMMENTS
8-19-01	1310	OINE28SD141	SD	5	X ✓				X ✓	X ✓	X ✓	X ✓	
8-19-01	1315	OINE28SD142	SD	5	X ✓				X ✓	X ✓	X ✓	X ✓	
8-19-01	1325	OINE28SD143	SD	5	X ✓				X ✓	X ✓	X ✓	X ✓	
8-19-01	1335	OINE28SD144	SD	5	X ✓				X ✓	X ✓	X ✓	X ✓	
8-19-01	1345	OINE28SD145	SD	5	X ✓				X ✓	X ✓	X ✓	X ✓	
8-19-01	1355	OINE28SD146	SD	5	X ✓				X ✓	X ✓	X ✓	X ✓	

Please record Temperature Blank only in the space provided

Following receipt of sample cooler, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett at (907) 248-8884

Relinquished by: Eileen Mauro	Date 8-20-01	Shipped via: GO PRI AK Airlines	Shipping number: 27541 1146
Company: Montgomery Watson	Time 1000		
Received by: Susan Snyder	Date 8/21/01	Relinquished by:	Date
Company: AKI	Time 2215	Company:	Time
Received by:	Date	Relinquished by:	Date
Company:	Time	Company:	Time

Temperature blank temperature upon arrival: 1.5 °C

Custody seal #s: 17369, 17526

Northeast Cape, St. Lawrence Island Alaska. 2001 Chain of Custody

DNC

CoolerID/COC#: Ø1NEC19

Montgomery Watson Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

Sampler's signature: Douglas Quist BMcLaughlin Melissa Markell

Date (2001)	Time	Sample ID	Matrix	Total Containers	DRO/RRO AK102/103 1 x 4oz. amber glass jar	BTEX SW 8260B 1 x 2oz. Glass jar w/MeOH	GRO AK101 1 x 2oz. glass jar w/MeOH	VOCs SW8260B 1 x 2oz. glass jar w/MeOH	PAHs SW8270C SIM 1 x 4oz. amber glass jar	PCBs SW8082 1 x 4oz. amber glass jar	Metals SW6010B/~~7000~~ Pb, Zn, Cr 1 x 4oz. amber glass jar	TOC lab method 1 x 4oz. amber glass jar	COMMENTS
8-19	1455	01NE28SD147	SD	5	X ✓				X ✓	X ✓	X ✓	X ✓	
8-19	1505	01NE28SD148	SD	5	X ✓				X ✓	X ✓	X ✓	X ✓	
8-19	1510	01NE28SD149	SD	5	X ✓				X ✓	X ✓	X ✓	X ✓	
8-19	1520	01NE28SD150	SD	5	X ✓				X ✓	X ✓	X ✓	X ✓	
8-19	1530	01NE28SD151	SD	9	X ✓				X ✓	X ✓	X ✓	X ✓	MS/MSD DRO/RRO, PAH, PCB metals only
* 8-19	1535	01NE28SD252	SD	4	X ✓				X ✓	X ✓	X ✓		* all bottle labels = 01NE28SD251 (1535)
8-19	1545	01NE28SD152	SD	5	X ✓				X ✓	X ✓	X ✓	X ✓	

SOIL, Cool to 4°C

Please record Temperature Blank only in the space provided

Following receipt of sample cooler, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett at (907) 248-8884

Relinquished by: Eileen Mars	Date 8-20-01	Shipped via: GO-PRI AK Airlines	Shipping number: 27541 1146
Company: Montgomery Watson	Time 1000		
Received by: Susan Snyder	Date 8-21-01	Relinquished by:	Date
Company: AKI	Time 2200	Company:	Time
Received by:	Date	Relinquished by:	Date
Company:	Time	Company:	Time

Temperature blank temperature upon arrival: 5.0°C

Custody seal #s: 17774, 17775

COOLER RECEIPT FORM

Incorporated

ARI Client: Montgomery Watson Project: Northeast Cape

Delivered by: ak Airlines Tracking No.: 02725411 46 Date: 8/21/01

ARI Project No. DNC6 LIMS Nos.:

Preliminary Examination Phase

1.	Were intact, properly signed and dated custody seals attached to the outside of cooler?	(Yes)	No
2.	Were custody papers included with the cooler?	(Yes)	No
3.	Were custody papers properly filled out (ink, signed, etc.)?	(Yes)	No
4.	Complete custody forms and attach all shipping documents	(OK)	NA

Cooler Accepted by: Susan Snyder Date: 8/21/01 Time: 9:55 pm

Log-in Phase

5.	Was a temperature blank included in the cooler?	(Yes)	No
6.	Record Cooler Temperature	5.0	degrees C
7.	What kind of packing material was used?	Bubble Wrap	
8.	Was sufficient ice used (if appropriate)?	(Yes)	No
9.	Were all bottles sealed in seperate plastic bags?	(Yes)	No
10.	Did all bottles arrive in good condition (unbroken)?	(Yes)	No
11.	Were all bottle labels complete and legible?	(Yes)	No
12.	Did all bottle labels and tags agree with custody papers?	(Yes)	No
13.	Were all bottles used correct for the requested analyses?	(Yes)	No
14.	Do any of the analyses (bottles) require preservative? (If so, Preservation Verification checklist must be attached.)	Yes	(No)
15.	Were all VOA vials free of air bubbles?	Yes	NA No
16.	Was sufficient amount of sample sent in each bottle?	(Yes)	No
17.	Notify Project Manager of any discrepancies or concerns	OK	(NA)

Cooler Opened by: logged Date: 8/22/01 Time: 1130

Explain any discrepancies or negative responses:

COOLER RECEIPT FORM

Incorporated

ARI Client: Montgomery Watson Project: Northeast Cape

Delivered by: ak Airlines Tracking No.: 027275411 46 Date: 8/21/01

ARI Project No. DNC6 LIMS Nos.:

Preliminary Examination Phase

1.	Were intact, properly signed and dated custody seals attached to the outside of cooler?	(Yes)	No
2.	Were custody papers included with the cooler?	(Yes)	No
3.	Were custody papers properly filled out (ink,signed,etc.)?	(Yes)	No
4.	Complete custody forms and attach all shipping documents	(OK)	NA

Cooler Accepted by: Jessica Snyder Date: 8-21-01 Time: 22:15

Log-In Phase

5.	Was a temperature blank included in the cooler?	(Yes)	No
6.	Record Cooler Temperature	1.5	degrees C
7.	What kind of packing material was used?	Bubble Wrap	
8.	Was sufficient ice used (if appropriate)?	(Yes)	No
9.	Were all bottles sealed in seperate plastic bags?	(Yes)	No
10.	Did all bottles arrive in good condition (unbroken)?	(Yes)	No
11.	Were all bottle labels complete and legible?	(Yes)	No
12.	Did all bottle labels and tags agree with custody papers?	Yes	(No)
13.	Were all bottles used correct for the requested analyses?	(Yes)	No
14.	Do any of the analyses (bottles) require preservative? (If so, Preservation Verification checklist must be attached.)	Yes	(No)
15.	Were all VOA vials free of air bubbles?	Yes NA	No
16.	Was sufficient amount of sample sent in each bottle?	(Yes)	No
17.	Notify Project Manager of any discrepancies or concerns	(OK)	NA

Cooler Opened by: Josh Date: 8/22/01 Time: 1107

Explain any discrepancies or negative responses:

Sample ONE28SD252 (on COC) all bottle labels = ONE28SD25 1 8/22/01

COOLER RECEIPT FORM

Resources Incorporated

ARI Client: Montgomery Watson Project: Northeast Cape

Delivered by: ak airlines Tracking No.: 027275411 46 Date: 8/21/01

ARI Project No. DNC LIMS Nos.:

Preliminary Examination Phase

1.	Were intact, properly signed and dated custody seals attached to the outside of cooler?	(Yes)	No
2.	Were custody papers included with the cooler?	(Yes)	No
3.	Were custody papers properly filled out (ink,signed,etc.)?	(Yes)	No
4.	Complete custody forms and attach all shipping documents	(OK)	NA

Cooler Accepted by: Susan Snyder Date: 8-21-01 Time: 22:10

Log-In Phase

5.	Was a temperature blank included in the cooler?	(Yes)	No
6.	Record Cooler Temperature	3.5	degrees C
7.	What kind of packing material was used?	Bubble Wrap	
8.	Was sufficient ice used (if appropriate)?	(Yes)	No
9.	Were all bottles sealed in seperate plastic bags?	(Yes)	No
10.	Did all bottles arrive in good condition (unbroken)?	(Yes)	No
11.	Were all bottle labels complete and legible?	(Yes)	No
12.	Did all bottle labels and tags agree with custody papers?	(Yes)	(No) *
13.	Were all bottles used correct for the requested analyses?	(Yes)	No
14.	Do any of the analyses (bottles) require preservative? (If so, Preservation Verification checklist must be attached.)	Yes N	(No)
15.	Were all VOA vials free of air bubbles?	Yes NA	No
16.	Was sufficient amount of sample sent in each bottle?	(Yes)	No
17.	Notify Project Manager of any discrepancies or concerns	OK	(NA)

Cooler Opened by: (logged by) SJORN Date: 8/22/01 Time: 1100

Explain any discrepancies or negative responses:

* OK see COC 19 of 8/22/01

Northeast Cape, St. Lawrence Island Alaska. 2001 Chain of Custody

DN07

CoolerID/COC#: Ø1NEC06

Montgomery Watson Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Analytical Resources Inc
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround Melissa Markell

Sampler's signature: Bonnie McLean / Douglas Quast

2001 Date	Time	Sample ID	Matrix	Total Containers	DRO/RRO AK102/103 1 x 4oz. amber glass jar	BTEX SW 8260B 1 x 2oz. Glass jar w/MeOH	GRO AK101 1 x 2oz. glass jar w/MeOH	VOCs SW8260B 1 x 2oz. glass jar w/MeOH	PAHs SW8270C SIM 1 x 4oz. amber glass jar	PCBs SW8082 1 x 4oz. amber glass jar	~~Metals SW6010B/7000~~ Pb, Zn, Cr 1 x 4oz. amber glass jar	TOC lab method 1 x 4oz. amber glass jar	COMMENTS
					SOIL, Cool to 4°C								
8-18	1100	01NE06TP101	S	3	X							X	MS/MSD DRO/RRO only
8-18	1105	01NE06TP201	S	1	X								
8-18	1200	01NE06TP102	S	2	X							X	
8-18	1025	01NE28SD111	SD	9	X				X	X	X	X	MS/MSD DRO/RRO, PAHs SIM, PCBs & metals only
8-18	1030	01NE28SD211	SD	4	X				X	X	X		
8-18	1040	01NE28SD112	SD	5	X				X	X	X	X	
8-18	1045	01NE28SD113	SD	5	X				X	X	X	X	
8-18	1050	01NE28SD114	SD	5	X				X	X	X	X	
8-18	1055	01NE28SD115	SD	5	X				X	X	X	X	
8-18	1100	01NE28SD116	SD	5	X				X	X	X	X	
~~8-18~~													

Please record Temperature Blank only in the space provided

Following receipt of sample cooler, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett at (907) 248-8884

Relinquished by: Bonnie McLean	Date 8-20-01	Shipped via: GO PRI AK Airlines	Shipping number: 2754 1146
Company: Montgomery Watson	Time 1000		
Received by: Susan Snyder	Date 8/21/01	Relinquished by:	Date
Company: ARI	Time 22.07	Company:	Time
Received by:	Date	Relinquished by:	Date
Company:	Time	Company:	Time

Temperature blank temperature upon arrival: 1.0°C °C

Custody seal #s: 17520, 17521

Northeast Cape, St. Lawrence Island Alaska. 2001 Chain of Custody

DN07

CoolerID/COC#: Ø1NEC 09

Montgomery Watson Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder

MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround Melissa Markell

2001

Sampler's signature: BMcKee — Douglas Quist

Date	Time	Sample ID	Matrix	Total Containers	DRO/RRO AK102/103 1 x 4oz. amber glass jar	BTEX SW 8260B 5 1/4 1 x 2oz. Glass jar w/MeOH	GRO AK101 1 x 2oz. glass jar w/MeOH	VOCs SW8260B 1 x 2oz. glass jar w/MeOH	PAHs SW8270C SIM 1 x 4oz. amber glass jar	PCBs SW8082 1 x 4oz. amber glass jar	Metals SW6010B/7000 1 x 4oz. amber glass jar TAL	TOC lab method 1 x 4oz. amber glass jar	COMMENTS BTM
8-18	1600	01NE06SD116	SD	5 BTM	X ✓	X ✓	X ✓			X ✓	X ✓		ADDED: (20 mL MeOH) 10g soil (Betx & gro)
8-18	1630	01NE06SD117	SD	5 BTM	X ✓	X ✓	X ✓			X ✓	X ✓		10g soil – 10 mL
8-18	1600	01NE00TB101	SS	1		X ✓	X ✓						
8-19	1115	01NE07SS125	SS	5	X ✓			X ✓	X ✓	X ✓	X ✓		10g – 10mL MeOH VOC
8-19	1130	01NE07SS126	SS	5	X ✓			X ✓	X ✓	X ✓	X ✓		10g – 10mL MeOH VOC
8-19	1145	01NE07SS127	SS	5	X ✓			X ✓	X ✓	X ✓	X ✓		10g – 10 mL MeOH VOC
8-19	1530	01NE07SD105	SD	5	X ✓			X ✓	X ✓	X ✓	X ✓		10g – 10 mL MeOH VOC
8-19	1400	01NE07SD104	SD	5	X ✓			X ✓	X ✓	X ✓	X ✓		10g – 10mL MeOH VOC

SOIL, Cool to 4°C

Please record Temperature Blank only in the space provided

Following receipt of sample cooler, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett at (907) 248-8884

Relinquished by: Bonnie McKee	Date 8/20/01	Shipped via: GO PRI AK Airlines	Shipping number: 2754 1146
Company: Montgomery Watson	Time 1010		
Received by: Susan Snyder	Date 8/21/01	Relinquished by:	Date
Company: ARI	Time 9:45p	Company:	Time
Received by:	Date	Relinquished by:	Date
Company:	Time	Company:	Time

Temperature blank temperature upon arrival: 1.0 °C

Custody seal #s: 073305, 073295

Q1NEC06

COOLER RECEIPT FORM

Resources Incorporated

ARI Client: Montgomery Watson Project: Northeast Cape

Delivered by: ak Airlines Tracking No.: Q272541146 Date: 8/21/01

ARI Project No. DN07 LIMS Nos.: 01-14449 & 14458

Preliminary Examination Phase

1.	Were intact, properly signed and dated custody seals attached to the outside of cooler?	(Yes)	No
2.	Were custody papers included with the cooler?	(Yes)	No
3.	Were custody papers properly filled out (ink,signed,etc.)?	(Yes)	No
4.	Complete custody forms and attach all shipping documents	(OK)	NA

Cooler Accepted by: Jessica Snyder Date: 8-21-01 Time: 22:07

Log-in Phase

5.	Was a temperature blank included in the cooler?	(Yes)	No
6.	Record Cooler Temperature	1.0	degrees C
7.	What kind of packing material was used?	Bubble Wrap	
8.	Was sufficient ice used (if appropriate)?	(Yes)	No
9.	Were all bottles sealed in seperate plastic bags?	(Yes)	No
10.	Did all bottles arrive in good condition (unbroken)?	(Yes)	No
11.	Were all bottle labels complete and legible?	(Yes)	No
12.	Did all bottle labels and tags agree with custody papers?	(Yes)	No
13.	Were all bottles used correct for the requested analyses?	(Yes)	No
14.	Do any of the analyses (bottles) require preservative? (If so, Preservation Verification checklist must be attached.)	Yes DL 8/22/01	(No)
15.	Were all VOA vials free of air bubbles?	Yes N/A	No
16.	Was sufficient amount of sample sent in each bottle?	(Yes)	No
17.	Notify Project Manager of any discrepancies or concerns	(OK)	NA

Cooler Opened by: Deborah Simon Date: 8/21/01 Time: 22:07

Explain any discrepancies or negative responses:

Ø INECØ9

COOLER RECEIPT FORM

Analytical Resources Incorporated

ARI Client: Montgomery Watson Project: Northeast Cape

Delivered by: ak Airlines Tracking No.: Ø272754 1146 Date: 8/21/01

ARI Project No. DN07 LIMS Nos.: 01-014459 to 014466

Preliminary Examination Phase

1.	Were intact, properly signed and dated custody seals attached to the outside of cooler?	(Yes)	No
2.	Were custody papers included with the cooler?	(Yes)	No
3.	Were custody papers properly filled out (ink, signed, etc.)?	(Yes)	No
4.	Complete custody forms and attach all shipping documents	(OK)	NA

Cooler Accepted by: SSnyder Date: 8/21/01 Time: 9:50

Log-in Phase

5.	Was a temperature blank included in the cooler?	(Yes)	No
6.	Record Cooler Temperature	1.0	degrees C
7.	What kind of packing material was used?	Bubble Wrap	
8.	Was sufficient ice used (if appropriate)?	(Yes)	No
9.	Were all bottles sealed in seperate plastic bags?	(Yes)	No
10.	Did all bottles arrive in good condition (unbroken)?	(Yes)	No
11.	Were all bottle labels complete and legible?	(Yes)	No
12.	Did all bottle labels and tags agree with custody papers?	Yes	(No)
13.	Were all bottles used correct for the requested analyses?	(Yes)	No
14.	Do any of the analyses (bottles) require preservative? (If so, Preservation Verification checklist must be attached.)	Yes	(No)
15.	Were all VOA vials free of air bubbles?	Yes N/A	No
16.	Was sufficient amount of sample sent in each bottle?	(Yes)	No
17.	Notify Project Manager of any discrepancies or concerns	(OK)	NA

Cooler Opened by: Deborah Shinn Date: 8/21/01 Time: 21:50

Explain any discrepancies or negative responses:

Samples OINEO75S125, OINEO75S126, OINEO75S127 each had the metals container read OINEO75D...125, 126, 127. We will use 75S per the rest of the samples unless notified.

PLEASE TYPE

027 | Airport of Departure 2754 1148 | Subject to Conditions of Contract on the Back of the Airbill | INSURANCE AVAILABLE | 027 2754 1148

SHIPPERS NAME AND ADDRESS	SHIPPERS ACCOUNT NUMBER
Montgomery Watson Harza 4100 Spenard Road Anchorage, AK 99517 Site: Northeast Cape	2744-006515-1

NOT NEGOTIABLE
AIR WAYBILL
(AIR CONSIGNMENT NOTE)

Alaska Airlines
SEATTLE-TACOMA INTERNATIONAL AIRPORT
SEATTLE, WASHINGTON

Copies 3, 9 and 1 of this Air Waybill are originals and have the same validity.

It is agreed that the goods described herein are accepted for carriage in apparent good order and condition (except as noted) and SUBJECT TO THE CONDITIONS OF CONTRACT ON THE REVERSE HEREOF. THE SHIPPER'S ATTENTION IS DRAWN TO THE NOTICE CONCERNING CARRIER'S LIMITATION OF LIABILITY.

CONSIGNEE'S NAME AND ADDRESS	CONSIGNEE'S ACCOUNT NUMBER
ARI 333 Ninth Avenue North Seattle, WA 98109-5187	

TO EXPEDITE MOVEMENT, SHIPMENT MAY BE DIVERTED TO MOTOR OR OTHER CARRIER AS PER TARIFF RULE UNLESS SHIPPER GIVES OTHER INSTRUCTIONS HEREON.

ISSUING CARRIER'S AGENT NAME AND CITY

ALSO NOTIFY NAME AND ADDRESS *(OPTIONAL ACCOUNTING INFORMATION)*
Call Upon Arrival 206-389-6167
KEEP COOL - DO NOT FREEZE

AGENTS IATA CODE | ACCOUNT NO.

AIRPORT OF DEPARTURE (ADDR OF FIRST CARRIER) AND REQUESTED ROUTING

☐ DOOR-TO-DOOR ☐ DOMESTIC
☒ PRIORITY ☐ INTERNATIONAL

ROUTING AND DESTINATION						CURRENCY	CHGS CODE	WT/VAL		OTHER		DECLARED VALUE FOR CARRIAGE	DECLARED VALUE FOR CUSTOMS
TO	BY FIRST CARRIER	TO	BY	TO	BY			PPD	COLL	PPD	COLL		

AIRPORT OF DESTINATION	FOR CARRIER USE ONLY FLIGHT/DATE	FLIGHT/DATE	AMOUNT OF INSURANCE	INSURANCE - If shipper requests insurance in accordance with conditions on reverse hereof, indicate amount to be insured in figures in box marked amount of insurance.	TC

HANDLING INFORMATION These commodities licensed by US for ultimate destination. Diversion contrary to US law is prohibited.

Refrigerate - Do not freeze

GO-PRI

NO. OF PIECES RCP	GROSS WEIGHT	kg lb	RATE CLASS COMMODITY ITEM NO.	CHARGEABLE WEIGHT	RATE / CHARGE	TOTAL	NATURE AND QUANTITY OF GOODS (INCL. DIMENSIONS OR VOLUME)

PREPAID | WEIGHT CHARGE | COLLECT
A.

VALUATION CHARGE
D.

TAX
I.

TOTAL OTHER CHARGES DUE AGENT

TOTAL OTHER CHARGES DUE CARRIER

P-UP ZONE	PICKUP CHARGES	ORIGIN ADVANCE CHARGES	DESCRIPTION OF ORIGIN ADVANCE
	B.	K.	
DEL ZONE	DELIVERY CHARGES	DEST. ADVANCE CHARGES	DESCRIPTION OF DEST. ADVANCE
	C.	L	

OTHER CHARGES AND DESCRIPTION
F

ITEMS PREPAID | ITEMS COLLECT

The shipper certifies that the particulars on the face hereof are correct, agrees to the CONDITIONS ON REVERSE HEREOF, accepts that carrier's liability is limited as stated on the reverse hereof and accepts such value unless a higher value for carriage is declared on the face hereof subject to an additional charge and that insofar as any part of the consignment contains restricted articles, such part is properly described by name and is in proper condition for carriage by air according to applicable national governmental regulations, and for international shipments, the current International Air Transport Association's Restricted Articles Regulations.

G. COD → CURRENCY

TOTAL PREPAID | TOTAL COLLECT

CURRENCY CONVERSION RATES | TOTAL COLLECT IN DESTINATION CURRENCY

SIGNATURE OF SHIPPER OR HIS AGENT ABOVE AND INITIAL APPLICABLE BOX BELOW.

[X] THIS SHIPMENT DOES NOT CONTAIN DANGEROUS GOODS.

[ ] THIS SHIPMENT DOES CONTAIN DANGEROUS GOODS.

EXECUTED ON

(Date) (Time) at (Place) SIGNATURE OF ISSUING CARRIER OR ITS AGENT.

Carrier certifies goods described above were received for carriage subject to the Conditions on reverse hereof, the goods then being in apparent good order and condition except as noted hereon

DN36

Northeast Cape, St. Lawrence Island Alaska. 2001 Chain of Custody

Ø1NEC29

Montgomery Watson
Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

Sampler's signature: Gary Grant Melissa Markell

WATER, COOL to 4 °C

Date 2001	Time	Sample ID	Matrix	Total Containers	DRO/RRO AK102/103 2 X 1L Amber Glass w/HCL	GRO/~~BTEX~~ AK101/SW8260B 3 X 40- ml vial w/HCL	VOCs SW8260B 3 X 40- ml vial w/HCL	SVOCs SW8270C 2 X 1L Amber Glass	PAHs SW8270C SIM 2 X 1L Amber Glass	PCBs SW8082 2 X 1L Amber Glass	Metals SW6010B/7060A/7131A/7191/ 7421/7471 1x1 L Poly, w/HN03	Alkalinity EPA 310.1 1 x 1 L Poly	Sulfate EPA 300 1 x 1 L Poly	Methane, Ethane, Ethene RSK 175 3 x 40 ml glass vials w/ HCL	COMMENTS
8-20	1010	01NE28SW116	SW	4	X ✓					X ✓					
8-21	1335	01NE29SW116	SW	3		X ✓	X ✓								
8-20	1900	01NE00TB103	SW	3		X ✓	X ✓								01NE00TB103
8-20	1940	01NE29SW117	SW	6		X ✓	X ✓								MS/MSD
8-20	1945	01NE29SW217	SW	3		X ✓	X ✓								
8-20	1530	01NE29SW115	SW	3		X ✓	X ✓								
8-20	1625	01NE29SW114	SW	3		X ✓	X ✓								

Please record Temperature Blank only in the space provided

Following receipt of sample, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett At (907) 248-8884

Relinquished by: Eileen Maus	Date 8-22-01	Shipped via:	Shipping number:
Company: Montgomery Watson	Time 1730	Alaska Airline GO PRI	027 2754 1135
Received by: Jessica Snyder	Date 8-24-01	Relinquished by: Date	Temperature blank temperature upon arrival: °C
Company: TAR	Time 1000	Company: Time	2.0°C
Received by: Date		Relinquished by: Date	Custody seal #s:
Company: Time		Company: Time	17861, 17877

Cooler Receipt Form

ANALYTICAL RESOURCES INCORPORATED

ARI Client: Montgomery Watson Project Name: Northeast Cape

COC NO.: QINEC29 Delivered By: ak airlines

Tracking NO.: 027 27541135 Date: 8-24-01

ARI Job No.: DN36 Lims NO.: 01-14708 to 01-14713

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached To the outside of the cooler?	(YES)	NO
2. Were custody papers included with the cooler	(YES)	NO
3. Were custody papers properly filled out (ink, signed etc.)?	(YES)	NO
4. Complete custody forms and attach all shipping documents	(OK)	NA

Cooler Accepted BY: Susan Snyder Date: 8-24-01 Time: 1000

Log-IN Phase:

5. Was a temperature blank include in the cooler?	(YES)	NO
6. Record Cooler Temperature	2.0 °C	
7. What kind of packing material was used?	Bubblewrap	
8. Was sufficient ice used (if appropriate)?	(YES)	NO
9. Were all bottles sealed in separate plastic bags?	(YES)	NO
10. Did all bottles arrive in good condition (unbroken)?	(YES)	NO
11. Were all bottle labels complete and legible?	(YES)	NO
12. Did all bottle labels and tags agree with custody papers?	(YES)	NO
13. Were all bottles used correct for the requested analyses?	(YES)	NO
14. Do any of the analyses (bottles) require preservative? (If so, Preservation checklist must be attached)	(YES)	NO
15. Were all VOA vials free of air bubbles? 8/24/01	~~YES~~	(NO) 1
16. Was sufficient amount of sample sent in each bottle?	(YES)	NO
17. Notify Project Manager of any discrepancies or concerns	(OK)	NA

Cooler Opened By: Susan Snyder Date: 8-24-01 Time 1000

Explain any discrepancies or negative responses:

(1) Temp blank contained 1 pea size air bubble in 2 VOAs. Will tag and instruct to use VOA without air bubbles.

DN36

Northeast Cape, St. Lawrence Island Alaska. 2001 Chain of Custody

Ø1NEC30

Montgomery Watson
Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

Sampler's signature: Gary Grant Melissa Marshall

Date	Time	Sample ID	Matrix	Total Containers	DRO/RRO AK102/103 2 X 1L Amber Glass w/HCL	GRO/BTEX AK101/SW8260B 3 X 40- ml vial w/HCL	VOCs SW8260B 3 X 40- ml vial w/HCL	SVOCs SW8270C 2 X 1L Amber Glass	PAHs SW8270C SIM 2 X 1L Amber Glass	PCBs SW8082 2 X 1L Amber Glass	~~TAL Metals~~ ~~Metals~~ ~~SW6010B/7060A/7741A/7191/~~ 7421/7471 1x1 L Poly w/HN03	Alkalinity EPA 310.1 1 x 1 L Poly	Sulfate EPA 300 1 x 1 L Poly	Methane, Ethane, Ethene RSK 175 3 x 40 ml glass vials w/ HCL	COMMENTS
08-21-01	1335	Ø1NE29SW11B	W	7	X				X	X	X				

Please record Temperature Blank only in the space provided

Following receipt of sample, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett At (907) 248-8884

Relinquished by: Eileen Mans	Date 8-22-01	Shipped via: 027 GO PRI AKAL ~~GCA Straight~~	Shipping number: 027 AWC 27524 1135
Company: Montgomery Watson	Time 1730		
Received by: Susan Snyder	Date 8-24-01	Relinquished by:	Date
Company: ARI	Time 945	Company:	Time
Received by:	Date	Relinquished by:	Date
Company:	Time	Company:	Time

Temperature blank temperature upon arrival: 1.5°C °C

Custody seal #s: 17771, 1753

Cooler Receipt Form

ANALYTICAL RESOURCES INCORPORATED

ARI Client: Montgomery Watson Project Name: Northeast Cape

COC NO.: 01NEC30 Delivered By: Ak Airlines

Tracking NO.: 027 27541135 Date: 8-24-01

ARI Job No.: DN36 Lims NO.: 01-14704

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached To the outside of the cooler?	(YES)	NO
2. Were custody papers included with the cooler	(YES)	NO
3. Were custody papers properly filled out (ink, signed etc.)?	(YES)	NO
4. Complete custody forms and attach all shipping documents	(OK)	NA

Cooler Accepted BY: Susan Siegler Date: 8-24-01 Time: 9:45

Log-IN Phase:

5. Was a temperature blank include in the cooler?	(YES)	NO
6. Record Cooler Temperature	1.5 °C	
7. What kind of packing material was used?	Bubble Wrap	
8. Was sufficient ice used (if appropriate)?	(YES)	NO
9. Were all bottles sealed in separate plastic bags?	(YES)	NO
10. Did all bottles arrive in good condition (unbroken)?	(YES)	NO
11. Were all bottle labels complete and legible?	(YES)	NO
12. Did all bottle labels and tags agree with custody papers?	(YES)	NO
13. Were all bottles used correct for the requested analyses?	(YES)	NO
14. Do any of the analyses (bottles) require preservative? (If so, Preservation checklist must be attached)	(YES)	NO
15. Were all VOA vials free of air bubbles? N/A	(YES)	NO
16. Was sufficient amount of sample sent in each bottle?	(YES)	NO
17. Notify Project Manager of any discrepancies or concerns	OK	(NA)

Cooler Opened By: Susan Siegler Date: 8/24/01 Time 945

Explain any discrepancies or negative responses:

Northeast Cape, St. Lawrence Island Alaska. 2001 Chain of Custody

DN36

CoolerID/COC#: Ø1NEC31

Water

~~Air~~ ~~SOIL~~, Cool to 4°C

Montgomery Watson Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

Sampler's signature: Lucy Ghent Melissa Markell

Date	Time	Sample ID	Matrix	Total Containers	DRO/RRO AK102/103 1x 4oz. amber glass jar ~~2x~~ 1 + HCl	BTEX SW 8260B 1 x 2oz. Glass jar w/MeOH	GRO AK101 1 x 2oz. glass jar w/MeOH	VOCs SW8260B 1 x 2oz. glass jar w/MeOH	PAHs SW8270C SIM 1 x 4oz. amber glass jar	PCBs SW8082 ~~1x 4oz. amber glass jar~~ 2 x 1 L plastic	Metals SW6010B/7000 1 x 4oz. amber glass jar	TOC lab method 1 x 4oz. amber glass jar	COMMENTS
8-20-01	1940	Ø1NE29SW117	SW	8	X✓					X✓			MS/MSD

Please record Temperature Blank only in the space provided

Following receipt of sample cooler, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett at (907) 248-8884

Relinquished by: Eileen Maus	Date 8-22-01	Shipped via: ~~Courier~~ AK AL	Shipping number:
Company: Montgomery Watson	Time 1730	Go PRI	027 2754 1135
Received by: Susan Spingler	Date 8-24-01	Relinquished by:	Date
Company: AKI	Time 9:30	Company:	Time
Received by:	Date	Relinquished by:	Date
Company:	Time	Company:	Time

Temperature blank temperature upon arrival: 2.5°C °C

Custody seal #s: 17874 ~~17875~~ ~~17791~~, 17810 Cust

Cooler Receipt Form

ANALYTICAL RESOURCES INCORPORATED

ARI Client: Montgomery Watson Project Name: Northeast Cape

COC NO.: @INEC31 Delivered By: AK Airlines

Tracking NO.: 027 2754 1135 Date: 8-24-01

ARI Job No.: DN36 Lims NO.: 01-14702

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached To the outside of the cooler? ..... 2 front & back ..... YES NO
2. Were custody papers included with the cooler ..... YES NO
3. Were custody papers properly filled out (ink, signed etc.)? ..... YES NO
4. Complete custody forms and attach all shipping documents ..... OK NA

Cooler Accepted BY: Susan Snyder Date: 8-24-01 Time: 9:30

Log-IN Phase:

5. Was a temperature blank include in the cooler? ..... YES NO
6. Record Cooler Temperature ..... 2.5 °C
7. What kind of packing material was used? ..... Bubblewrap
8. Was sufficient ice used (if appropriate)? ..... YES NO
9. Were all bottles sealed in separate plastic bags? ..... YES NO
10. Did all bottles arrive in good condition (unbroken)? ..... YES NO
11. Were all bottle labels complete and legible? ..... YES NO
12. Did all bottle labels and tags agree with custody papers? ..... YES NO
13. Were all bottles used correct for the requested analyses? ..... YES NO
14. Do any of the analyses (bottles) require preservative? (If so, Preservation checklist must be attached) ..... YES NO
15. Were all VOA vials free of air bubbles? ..... N/A YES NO
16. Was sufficient amount of sample sent in each bottle? ..... YES NO
17. Notify Project Manager of any discrepancies or concerns ..... OK NA

Cooler Opened By: Susan Snyder Date: 8-24-01 Time 9:30

Explain any discrepancies or negative responses:

DN36

Northeast Cape, St. Lawrence Island Alaska. 2001 Chain of Custody

Ø1NEC32

Montgomery Watson
Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

Sampler's signature: Laura Quist Melissa Markell

Date	Time	Sample ID	Matrix	Total Containers	DRO/RRO AK102/103 2 X 1L Amber Glass w/HCL	GRO/~~BTEX~~ AK101/SW8260B 3 X 40- ml vial w/HCL	VOCs SW8260B 3 X 40- ml vial w/HCL	SVOCs SW8270C 2 X 1L Amber Glass	PAHs SW8270C SIM 2 X 1L Amber Glass	PCBs SW8082 2 X 1L Amber Glass	Metals SW6010B/7060A/7131A/7191/ 7421/7471 1x1 L Poly.w/HN03 T4L metals	Alkalinity EPA 310.1 1 x 1 L Poly	Sulfate EPA 300 1 x 1 L Poly	Methane, Ethane, Ethene RSK 175 3 x 40 ml glass vials w/ HCL	COMMENTS
					WATER, COOL to 4 °C										
8-20-01	1940	01NE29SW117	SW	6					X ✓		X ✓				MS/MSD

Please record Temperature Blank only in the space provided

Following receipt of sample, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett At (907) 248-8884

Relinquished by: Eileen Maus	Date 8-22-01	Shipped via: AK AL GOPRI	Shipping number: 027 2754 1135
Company: Montgomery Watson	Time 1730		
Received by: Susan Snyder	Date 8-24-01	Relinquished by:	Date
Company: ARI	Time 9:32	Company:	Time
Received by:	Date	Relinquished by:	Date
Company:	Time	Company:	Time

Temperature blank temperature upon arrival: 3.5°C °C

Custody seal #s: 17856 17769

Cooler Receipt Form

ANALYTICAL RESOURCES INCORPORATED

ARI Client: Montgomery Watson Project Name: Northeast Cape

COC NO.: QINEC32 Delivered By: AK Airlines

Tracking NO.: 027 2754 1135 Date: 8-24-01

ARI Job No.: DN36 Lims NO.: 01-14702 QC

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached To the outside of the cooler?	(YES)	NO
2. Were custody papers included with the cooler	(YES)	NO
3. Were custody papers properly filled out (ink, signed etc.)?	(YES)	NO
4. Complete custody forms and attach all shipping documents	(OK)	NA

Cooler Accepted BY: Susan Spyda Date: 8-24-01 Time: 9:32

Log-IN Phase:

5. Was a temperature blank include in the cooler?	(YES)	NO
6. Record Cooler Temperature	3.5 °C	
7. What kind of packing material was used?	Bubblewrap	
8. Was sufficient ice used (if appropriate)?	(YES)	NO
9. Were all bottles sealed in separate plastic bags?	(YES)	NO
10. Did all bottles arrive in good condition (unbroken)?	(YES)	NO
11. Were all bottle labels complete and legible?	(YES)	NO
12. Did all bottle labels and tags agree with custody papers?	(YES)*	NO
13. Were all bottles used correct for the requested analyses?	(YES)	NO
14. Do any of the analyses (bottles) require preservative? (If so, Preservation checklist must be attached)	(YES)	NO
15. Were all VOA vials free of air bubbles? N/A	(YES)	NO
16. Was sufficient amount of sample sent in each bottle?	(YES)	NO
17. Notify Project Manager of any discrepancies or concerns	(OK)	NA

Cooler Opened By: Susan Spyda Date: 8-24-01 Time 9:32

Explain any discrepancies or negative responses:

* 2 A/G for PNA = QINE29SW117 sg 8/24/01

DN36

Northeast Cape, St. Lawrence Island Alaska. 2001 Chain of Custody

ØINEC33

Montgomery Watson Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

Sampler's signature: Kacy Quist Melissa Markell

WATER, COOL to 4 °C

Date	Time	Sample ID	Matrix	Total Containers	DRO/RRO AK102/103 2 X 1L Amber Glass w/HCL	GRO/BTEX AK101/SW8260B 3 X 40- ml vial w/HCL	VOCs SW8260B 3 X 40- ml vial w/HCL	SVOCs SW8270C 2 X 1L Amber Glass	PAHs SW8270C SIM 2 X 1L Amber Glass	PCBs SW8082 2 X 1L Amber Glass	Metals SW6010B/7060A/7131A/7191/ 7421/7471 1x1 L Poly w/HNO3 14 L metals	Alkalinity EPA 310.1 1 x 1 L Poly	Sulfate EPA 300 1 x 1 L Poly	Methane, Ethane, Ethene RSK 175 3 x 40 ml glass vials w/ HCL	COMMENTS
8-20-01	1945	01NE29SW217	SW	7	X				X	X	X				

Please record Temperature Blank only in the space provided

Following receipt of sample, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett At (907) 248-8884

Relinquished by: Ethan Thomas	Date 8-22-01	Shipped via: AK AL GO PRI	Shipping number: 027 2754 1135
Company: Montgomery Watson	Time 1730		
Received by: Jessen Breyde	Date 8-24-01	Relinquished by: Date	Temperature blank temperature upon arrival: °C
Company: ARI	Time 935	Company: Time	2.0°C
Received by: Date		Relinquished by: Date	Custody seal #s: 17767, 17876
Company: Time		Company: Time	

DN36

Northeast Cape, St. Lawrence Island Alaska. 2001 Chain of Custody

Ø1NEC 35

Montgomery Watson
Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

Sampler's signature: Jane Whitsett Melissa Markell

WATER, COOL to 4 °C

Date	Time	Sample ID	Matrix	Total Containers	DRO/RRO AK102/103 2 X 1L Amber Glass w/HCL	GRO/BTEX AK101/SW8260B 3 X 40- ml vial w/HCL	VOCs SW8260B 3 X 40- ml vial w/HCL	SVOCs SW8270C 2 X 1L Amber Glass	PAHs SW8270C SIM 2 X 1L Amber Glass	PCBs SW8082 2 X 1L Amber Glass	Metals SW6010B/~~7000/7131A/7191~~ 7000 7421/7471 1x1 L Poly w/HN03	Alkalinity EPA 310.1 1 x 1 L Poly	Sulfate EPA 300 1 x 1 L Poly	Methane, Ethane, Ethene RSK 175 3 x 40 ml glass vials w/ HCL	COMMENTS
8-21-01	1530	Ø1NE29SW115	SW	7	X ✓				X ✓	X ✓	X ✓				

Please record Temperature Blank only in the space provided

Following receipt of sample, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett At (907) 248-8884

Relinquished by: Eileen Maus	Date 8-22-01	Shipped via:		Shipping number: 027 2754 1135	
Company: Montgomery Watson	Time 1730				
Received by: Susan Snyder	Date 8-24-01	Relinquished by:	Date	Temperature blank temperature upon arrival:	°C
Company: ARI	Time 950	Company:	Time	2.5	
Received by:	Date	Relinquished by:	Date	Custody seal #s:	
Company:	Time	Company:	Time	17525 17524	

Cooler Receipt Form

ANALYTICAL RESOURCES INCORPORATED

ARI Client: Montgomery Watson Project Name: Northeast Cape

COC NO.: QLNEC 35 Delivered By: Ak Airlines

Tracking NO.: 027 27541135 Date: 8-24-01

ARI Job No.: DN36 Lims NO.: 01-14705

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached To the outside of the cooler? ..... (YES) NO
2. Were custody papers included with the cooler ..... (YES) NO
3. Were custody papers properly filled out (ink, signed etc.)? ..... (YES) NO
4. Complete custody forms and attach all shipping documents ..... (OK) NA

Cooler Accepted BY: Teresa Snyder Date: 8-24-01 Time: 950

Log-IN Phase:

5. Was a temperature blank include in the cooler? ..... (YES) NO
6. Record Cooler Temperature ..... 2.5 °C
7. What kind of packing material was used? ..... Bubble wrap
8. Was sufficient ice used (if appropriate)? ..... (YES) NO
9. Were all bottles sealed in separate plastic bags? ..... (YES) NO
10. Did all bottles arrive in good condition (unbroken)? ..... (YES) NO
11. Were all bottle labels complete and legible? ..... (YES) NO
12. Did all bottle labels and tags agree with custody papers? ..... (YES) NO
13. Were all bottles used correct for the requested analyses? ..... (YES) NO
14. Do any of the analyses (bottles) require preservative? (If so, Preservation checklist must be attached) ..... (YES) NO
15. Were all VOA vials free of air bubbles? ..... N/A (YES) NO
16. Was sufficient amount of sample sent in each bottle? ..... (YES) NO
17. Notify Project Manager of any discrepancies or concerns ..... OK (NA)

Cooler Opened By: Teresa Snyder Date: 8-24-01 Time 950

Explain any discrepancies or negative responses:

DN36

Northeast Cape, St. Lawrence Island Alaska. 2001 Chain of Custody

ØINEC 34

Montgomery Watson
Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

Sampler's signature: Tony Grant Melissa Markell

WATER, COOL to 4 °C

Date	Time	Sample ID	Matrix	Total Containers	DRO/RRO AK102/103 2 X 1L Amber Glass w/HCL	GRO/BTEX AK101/SW8260B 3 X 40- ml vial w/HCL	VOCs SW8260B 3 X 40- ml vial w/HCL	SVOCs SW8270C 2 X 1L Amber Glass	PAHs SW8270C SIM 2 X 1L Amber Glass	PCBs SW8082 2 X 1L Amber Glass	Metals SW6010B/7060A/7131A/7191/ 7421/7471 1x1 L Poly w/HNO3	Alkalinity EPA 310.1 1 x 1 L Poly	Sulfate EPA 300 1 x 1 L Poly	Methane, Ethane, Ethene RSK 175 3 x 40 ml glass vials w/ HCL	COMMENTS
8/21/01	1625	01NE.29SW114	SW	7	X ✓				X ✓	X ✓	✓ per Jane w MW # 8/24/01 @ 4:13pm				metals bottle received for this Sample 8s 8/24/01

Please record Temperature Blank only in the space provided

Following receipt of sample, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett At (907) 248-8884

Relinquished by: Eileen Maus	Date 8-22-01	Shipped via: AK AL	Shipping number:
Company: Montgomery Watson	Time 1730	027 2754 1135	027 2754 1135
Received by: Susan Snyder	Date 8-24-01	Relinquished by:	Date
Company: ARI	Time 955	Company:	Time
Received by:	Date	Relinquished by:	Date
Company:	Time	Company:	Time

Temperature blank temperature upon arrival: 2.5 °C

Custody seal #s: 17792 A857

Airport of Departure

027 ORK 27541135 OOM R 027 27541135

SHIPPER'S NAME AND STREET ADDRESS

MONTGOMERY WATSON
4100 SPENARD RD
ANCHORAGE AK 99517
/US

SHIPPER'S ACCOUNT NUMBER: 027440065151

NOT NEGOTIABLE

AIR WAYBILL

(AIR CONSIGNMENT NOTE)

Air Cargo
Alaska Airlines
1-800-225-2752
P.O. BOX 68900
SEATTLE, WASHINGTON 98168 U.S.A.

CONSIGNEE'S NAME AND STREET ADDRESS

ANALYTICAL RESOURCES INC
333 9TH AVE
NO. SEATTLE 98109
/US

CONSIGNEE'S ACCOUNT NUMBER

If the carriage involves an ultimate destination or stop in a country other than the country of departure, the Warsaw Convention may be applicable and the Convention governs and in most cases limits the liability of carriers in respect of loss of or damage to cargo. The agreed stopping places (which may be altered by Carrier in case of necessity) are those places, except the place of departure and the place of destination, set forth on the face hereof or shown in Carriers' timetables as scheduled stopping places for the route. Address of first carrier is the airport of departure. SEE CONDITIONS ON REVERSE HEREOF.

Received in good condition at SEATTLE WAWHO (LOCATION) on 8/24 0825 (Date/Time)

Please print your name Bruce r. Bernards

Signature Bruce r. Bernards

ISSUING CARRIER'S AGENT NAME AND CITY

ACCOUNTING INFORMATION (OPTIONAL - ALSO NOTIFY NAME AND ADDRESS)

AGENTS IATA CODE

ACCOUNT NO.

AIRPORT OF DEPARTURE (ADDR OF FIRST CARRIER) AND REQUESTED ROUTING

NOME

ROUTING AND DESTINATION

TO	BY FIRST CARRIER	TO	BY	TO	BY
ANC	AS			SEA	AS

CURRENCY	CHGE CODE	WT / VAL PPD	WT / VAL COLL	OTHER PPD	OTHER COLL	DECLARED VALUE FOR CARRIAGE	DECLARED VALUE FOR CUSTOMS
	PX	X				NVD	NCV

AIRPORT OF DESTINATION: SEATTLE

FLIGHT / DATE (for Carrier use only)

FLIGHT / DATE

AMOUNT OF INSURANCE: NIL

LOCN-AWB5/ 14P

HANDLING INFORMATION These commodities licensed by U.S. for ultimate destination. Diversion contrary to U.S. law is prohibited.

MTPY-REFRIGERATE DO NOT FREEZE

NO. of PIECES RCP	GROSS WEIGHT	kg lb	RATE CLASS / COMMODITY ITEM NO.	CHARGEABLE WEIGHT	RATE / CHARGE	TOTAL	NATURE AND QUANTITY OF GOODS (INCL. DIMENSIONS OR VOLUME)
14	687	L	PRI	687	105.00	700.35	COOLERS
14	687	L				700.35	

PREPAID	WEIGHT CHARGE	COLLECT	P-UP ZONE	PICKUP CHARGES	ORIGIN ADVANCE CHARGES	DESCRIPTION OF ORIGIN ADVANCE	ITEMS PREPAID
A. 700.35			XXX	B.	K.		

VALUATION CHARGE	DEL. ZONE	DELIVERY CHARGES	DEST. ADVANCE CHARGES	DESCRIPTION OF DEST. ADVANCE	ITEMS COLLECT
D.	XXX	C.	L.		

TAX	OTHER CHARGES AND DESCRIPTION
I. 17.86	F.

TOTAL OTHER CHARGES DUE AGENT	TOTAL OTHER CHARGES DUE CARRIER

G. C.O.D. CURRENCY: CNA

TOTAL PREPAID	TOTAL COLLECT
718.21	

CURRENCY CONVERSION RATES	TOTAL COLLECT IN DESTINATION CURRENCY

FOR CARRIERS USE ONLY AT DESTINATION (ALL COLLECT CHARGES IN DESTINATION CURRENCY)

CHARGES AT DESTINATION

TOTAL COLLECT CHARGES

TIME ACCPT 1140
DATE ACCPT 23AUG01

OTHER CHARGES AND CHARGE CODES

AC - ANIMAL CONTAINER	CX - DESTINATION COLLECT CREDIT OR THIRD PARTY	PU - PICK UP
AS - ASSEMBLY SERVICE FEE	DA - DESTINATION ADVANCE	PX - PREPAID CREDIT
AT - ATTENDANT	DB - DISBURSEMENT FEE	RA - DANGEROUS GOODS SURCHARGE
AW - AIR WAYBILL FEE	DF - DISTRIBUTION SERVICE FEE	RF - REMIT FOLLOWING COLLECTION FEE
BL - BLACKLIST CERTIFICATE	DL - DELIVERY	SD - SURFACE CHARGE - DESTINATION
BR - BANK RELEASE	FC - COLLECT CHARGES FEE	SI - STOP IN TRANSIT
CA - PART PREPAID CASH, PART COLLECT CREDIT	GT - GOVERNMENT TAX	SO - STORAGE - ORIGIN
CB - PART PREPAID CREDIT, PART COLLECT CREDIT	HR - HUMAN REMAINS	SP - SEPARATE EARLY RELEASE
CC - ALL CHARGES COLLECT	IN - INSURANCE PREMIUM	SR - STORAGE - DESTINATION
CD - CLEARANCE AND HANDLING DESTINATION	LA - LIVE ANIMALS	SS - SIGNATURE SERVICE
CE - CONTAINER PURCHASE	MD - MISCELLANEOUS - DUE LAST CARRIER	ST - STATE SALES TAX
CF - C.O.D. FEE	PC - PART PREPAID CASH, PART COLLECT CASH	SU - SURFACE CHARGES
CG - ALL CHARGES COLLECT G.B.L.	PD - PART PREPAID CREDIT, PART COLLECT CASH	TR - TRANSIT
CH - CLEARANCE AND HANDLING ORIGIN	PG - PREPAID G.B.L. AND/OR G.T.R.	TX - TAXES
CP - DESTINATION COLLECT CASH	PK - PACKAGING	UH - ULD HANDLING
CT - CASKET AIRTRAY PURCHASE	PP - PREPAID CASH	VS - EXTRAORDINARY VALUE

PRINTED IN U.S.A. FORM AC-17-A-68 REV 8/96

USCAR-1 (10-94) © 1995, MOORE NORTH AMERICA. All rights reserved. - 1220 -

Dr168 2.5

Northeast Cape, St. Lawrence Island Alaska. 2001 Chain of Custody

01-15015 ; 01-15034/01-15077

CoolerID/COC#: Ø1NEC 47

Montgomery Watson Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

Sampler's signature: Johanna L. Dreher, William A. Duff, Doug Dietz, Melissa Manket

Date	Time	Sample ID	Matrix	Total Containers	SOIL, Cool to 4°C: DRO/RRO AK102/103 1 x 4oz. amber glass jar	BTEX SW 8260B 1 x 2oz. Glass jar w/MeOH	GRO AK101 1 x 2oz. glass jar w/MeOH	VOCs SW8260B 1 x 2oz. glass jar w/MeOH	PAHs SW8270C SIM 1 x 4oz. amber glass jar	PCBs SW8082 1 x 4oz. glass jar	TAL Metals SW6010B/7000 1 x 4oz. amber glass jar	TOC lab method 1 x 4oz. amber glass jar	COMMENTS
08-24-01	1045	01NE21SS 109	SS	9	X ✓	X ✓	X ✓	~~9~~ 10		X ✓	X ✓		MS/MSD BTEXSIM GRO TAL Metals only
08-24-01	1050	01NE21SS 269	SS	6	X ✓	X ✓	X ✓	~~6~~ 10		X ✓	X ✓		
08-24-01	1900	01NE00TB 111	SS	2		X ✓	X ✓	X ✓					
08-25-01	1610	01NE09SD 108	SD	1				X ✓					
08-25-01	1705	01NE09SD 109	SD	1				X ✓					
08-25-01	1540	01NE09SD 107	SD	1				X ✓					
08-24-01	0920	01NE09SD 114	SD	5	X ✓				X ✓	X ✓	X ✓	X ✓	
08-24-01	0830	01NE09SD 113	SD	3			X ✓	X ✓					MS/MSD VOC only
08-24-01	0835	01NE09SD 213	SD	1				X ✓					
08-24-01	0920	01NE09SD 114	SD	2				X ✓					MS/MSD VOC only
08-24-01	0950	01NE09SS 171	SS	2		X	X						
		~~01~~ MD											

Please record Temperature Blank only in the space provided

Following receipt of sample cooler, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett at (907) 248-8884

Relinquished by: Johanna L. Dreher Johanna L. Dreher	Date 08-26-01	Shipped via: Goldstreak	Shipping number: 4218 3890
Company: Montgomery Watson	Time 1600		
Received by:	Date 8-28-01	Relinquished by:	Date
Company: ARI	Time 11:00	Company:	Time
Received by:	Date	Relinquished by:	Date
Company:	Time	Company:	Time

Temperature blank temperature upon arrival: 2.5° °C

Custody seal #s: 3, 4

Cooler Receipt Form

ANALYTICAL RESOURCES INCORPORATED

ARI Client: Montgomery Watson Project Name: Northeast Cape

COC NO.: 47 OINEC47 Delivered By: Fed X

Tracking NO.: 027421833890 Date: 8/28/01

ARI Job No.: DN68 Lims NO.: 01-15015 - 01-15077

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached To the outside of the cooler?	(YES)	NO
2. Were custody papers included with the cooler	(YES)	NO
3. Were custody papers properly filled out (ink, signed etc.)?	(YES)	NO
4. Complete custody forms and attach all shipping documents	(OK)	NA

Cooler Accepted BY: [signature] Date: 8/28/01 Time: 11:00

Log-IN Phase:

5. Was a temperature blank include in the cooler?	(YES)	NO
6. Record Cooler Temperature	2.5 °C	
7. What kind of packing material was used?	Bubble Wrap	
8. Was sufficient ice used (if appropriate)?	(YES)	NO
9. Were all bottles sealed in separate plastic bags?	(YES)	NO
10. Did all bottles arrive in good condition (unbroken)?	(YES)	NO
11. Were all bottle labels complete and legible?	(YES)	NO
12. Did all bottle labels and tags agree with custody papers?	(YES)	NO
13. Were all bottles used correct for the requested analyses?	(YES)	NO
14. Do any of the analyses (bottles) require preservative? (If so, Preservation checklist must be attached)	YES	(NO)
15. Were all VOA vials free of air bubbles?	(YES)	NO
16. Was sufficient amount of sample sent in each bottle?	(YES)	NO
17. Notify Project Manager of any discrepancies or concerns	(OK)	NA

Cooler Opened By: [signature] Date: 8/28/01 Time 11:00

Explain any discrepancies or negative responses:

1.0

Northeast Cape, St. Lawrence Island Alaska. 2001 Chain of Custody

CoolerID/COC#: ✓
Ø1NEC54

Montgomery Watson
Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder

DN68

MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround Dave Quist

Sampler's signature: Bonchean Melissa Marshall

Date	Time	Sample ID	Matrix	Total Containers	DRO/RRO AK102/103 1 x 4oz. amber glass jar	BTEX SW 8260B 1 x 2oz. Glass jar w/MeOH	GRO AK101 1 x 2oz. glass jar w/MeOH	VOCs SW8260B 1 x 2oz. glass jar w/MeOH	PAHs SW8270C SIM 1 x 4oz. amber glass jar	PCBs SW8082 1 x 4oz. amber glass jar	Metals SW6010B/7000 1 x 4oz. amber glass jar	Pesticides SW 8081 TOC lab method 1 x 4oz. amber glass jar	COMMENTS
8-23-01	1043	01NE34SS104	SS	1						X ✓			
8-24-01	1900	01NE31SS101	SS	3	X ✓					X ✓		X ✓	
8-24-01	1905	01NE31SS102	SS	5	X ✓					X ✓		X ✓	MS/MSD Pesticides, PCBs
8-24-01	1915	01NE31SS202	SS	2						X ✓		X ✓	
8-24-01	1920	01NE31SS103	SS	3	X ✓					X ✓		X ✓	
8-24-01	1925	01NE31SS104	SS	3	X ✓					X ✓		X ✓	
8-24-01	2000	01NE32SS101	SS	1	X ✓								
8-24-01	2005	01NE32SS102	SS	1	X ✓								
8-24-01	2010	01NE32SS103	SS	3	X ✓					X ✓		X ✓	
8-24-01	2015	01NE32SS104	SS	3	X ✓					X ✓		X ✓	

Please record Temperature Blank only in the space provided

Following receipt of sample cooler, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett at (907) 248-8884

Relinquished by: Johanna L. Dreher	Date 08-24-01	Shipped via: Goldstreak	Shipping number: 4218 3842
Company: Montgomery Watson	Time 1600		
Received by:	Date 8/28/01	Relinquished by:	Date
Company: ARI	Time 11:00	Company:	Time
Received by:	Date	Relinquished by:	Date
Company:	Time	Company:	Time

Temperature blank temperature upon arrival: 1.0° °C

Custody seal #s: 17, 18

Cooler Receipt Form

ANALYTICAL RESOURCES INCORPORATED

ARI Client: Montgomery Watson Project Name: NorthEast Cape

COC NO.: 54 of INEC54 Delivered By: Fed-X

Tracking NO.: 4218384 2 Date: 8/28/01

ARI Job No.: DN68 Lims NO.: 01-15015 - 01-15077

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached To the outside of the cooler? ..... (YES) NO
2. Were custody papers included with the cooler ..... (YES) NO
3. Were custody papers properly filled out (ink, signed etc.)? ..... (YES) NO
4. Complete custody forms and attach all shipping documents ..... (OK) NA

Cooler Accepted BY: [signature] Date: 8/28/01 Time: 1108

Log-IN Phase:

5. Was a temperature blank include in the cooler? ..... (YES) NO
6. Record Cooler Temperature ..... 1.0 °C
7. What kind of packing material was used? ..... Bubble Wrap
8. Was sufficient ice used (if appropriate)? ..... (YES) NO
9. Were all bottles sealed in separate plastic bags? ..... (YES) NO
10. Did all bottles arrive in good condition (unbroken)? ..... (YES) NO
11. Were all bottle labels complete and legible? ..... (YES) NO
12. Did all bottle labels and tags agree with custody papers? ..... (YES) NO
13. Were all bottles used correct for the requested analyses? ..... (YES) NO
14. Do any of the analyses (bottles) require preservative? (If so, Preservation checklist must be attached) ..... YES (NO)
15. Were all VOA vials free of air bubbles? ..... (YES) NO
16. Was sufficient amount of sample sent in each bottle? ..... (YES) NO
17. Notify Project Manager of any discrepancies or concerns ..... (OK) NA

Cooler Opened By: [signature] Date: 8/28/01 Time 1108

Explain any discrepancies or negative responses:

Northeast Cape, St. Lawrence Island Alaska. 2001 Chain of Custody

CoolerID/COC#: Ø1NEC58 ✓

Montgomery Watson Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

Sampler's signature: Bruchea Melissa Marshall

Date	Time	Sample ID	Matrix	Total Containers	SOIL, Cool to 4°C: DRO/RRO AK102/103 1 x 4oz. amber glass jar	BTEX SW 3260B 1 x 2oz. Glass jar w/MeOH	GRO AK101 1 x 2oz. glass jar w/MeOH	VOCs SW8260B 1 x 2oz. glass jar w/MeOH	PAHs SW8270C SIM 1 x 4oz. amber glass jar	PCBs SW8082 1 x 4oz. amber glass jar	TAL Metals SW6010B/7000 1 x 4oz. amber glass jar	TOC lab method 1 x 4oz. amber glass jar	COMMENTS
08-24-01	1100	01NE21SB169	SB	3	X ✓					X ✓	X ✓		
08-24-01	1130	01NE21SB170	SB	3	X ✓					X ✓	X ✓		
08-24-01	1125	01NE21SS170	SS	3	X ✓					X ✓	X ✓		
08-24-01	1020	01NE21SB171	SB	3	X ✓					X ✓	X ✓		
08-24-01	0950	01NE21SS171	SS	3	X ✓					X ✓	X ✓		
08-24-01	1345	01NE21SS172	SS	3	X ✓					X ✓	X ✓		
08-24-01	1340	01NE21SS173	SS	3	X ✓					X ✓	X ✓		
08-24-01	1130	01NE14SS101	SS	1						X ✓			
08-24-01	1135	01NE14SS102	SS	1						X ✓			
08-24-01	1140	01NE14SS103	SS	2						X ✓			MS/MSD PCB Only
08-24-01	1145	01NE14SS203	SS	1						X ✓			
08-24-01	1505	01NE21SD113	SD	3	X ✓					X ✓	X ✓		
08-24-01	1425	01NE21SD114	SD	3	X ✓					X ✓	X ✓		

Please record Temperature Blank only in the space provided

Following receipt of sample cooler, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett at (907) 248-8884

Relinquished by: Johanna L. Dreher / Johanna L. Dreher	Date 08-26-01	Shipped via: Gold Streak	Shipping number: 4218 3912
Company: Montgomery Watson	Time 1600		
Received by: EJoshi	Date 08/28/01	Relinquished by:	Date
Company: ARI	Time 1125	Company:	Time
Received by:	Date	Relinquished by:	Date
Company:	Time	Company:	Time

Temperature blank temperature upon arrival: 3.5 °C

Custody seal #s: 25, 26

Cooler Receipt Form

ANALYTICAL RESOURCES INCORPORATED

ARI Client: MONTGOMERY WATSON Project Name: NE CAPE

COC NO.: ØINE 582 Delivered By: AK AIRLINES

Tracking NO.: Ø274218 3912 Date: 8-27-01

ARI Job No.: DN69 Lims NO.: 01-15058 to 01-15076

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached
   To the outside of the cooler? ..... (YES) NO
2. Were custody papers included with the cooler ..... (YES) NO
3. Were custody papers properly filled out (ink, signed etc.)? ..... (YES) NO
4. Complete custody forms and attach all shipping documents ..... (OK) NA

Cooler Accepted BY: EJ Date: 8/28/01 Time: 1125

Log-IN Phase:

5. Was a temperature blank include in the cooler? ..... (YES) NO
6. Record Cooler Temperature ..... 3.5 °C
7. What kind of packing material was used? ..... Bubble wrap
8. Was sufficient ice used (if appropriate)? ..... (YES) NO
9. Were all bottles sealed in separate plastic bags? ..... (YES) NO
10. Did all bottles arrive in good condition (unbroken)? ..... (YES) NO
11. Were all bottle labels complete and legible? ..... (YES) NO
12. Did all bottle labels and tags agree with custody papers? ..... (YES) NO
13. Were all bottles used correct for the requested analyses? ..... (YES) NO
14. Do any of the analyses (bottles) require preservative?
    (If so, Preservation checklist must be attached) ..... YES (NO)
15. Were all VOA vials free of air bubbles? ..... YES NA NO
16. Was sufficient amount of sample sent in each bottle? ..... (YES) NO
17. Notify Project Manager of any discrepancies or concerns ..... (OK) NA

Cooler Opened By: EJ Date: 8/28/01 Time 1200

Explain any discrepancies or negative responses:

Northeast Cape, St. Lawrence Island Alaska. 2001 Chain of Custody

DN69

CoolerID/COC#: Ø1NEC 57 ✓

Montgomery Watson
Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

Sampler's signature: Johanna L. Brehm William A. Zmuda Dana Quist Melissa Wharton

Date	Time	Sample ID	Matrix	Total Containers	SOIL, Cool to 4°C: DRO/RRO AK102/103 1 x 4oz. amber glass jar	BTEX SW 8260B 1 x 2oz. Glass jar w/MeOH	GRO AK101 1 x 2oz. glass jar w/MeOH	VOCs SW8260B 1 x 2oz. glass jar w/MeOH	PAHs SW8270C SIM 1 x 4oz. amber glass jar	PCBs SW8082 1 x 4oz. amber glass jar	Metals SW6010B/7000 1 x 4oz. amber glass jar	Pesticides ~~SW 8081 TOC lab method~~ 1 x 4oz. amber glass jar	COMMENTS
8-24-01	2025	01NE31SS121	SS	8	X ✓	X ✓	X ✓			X ✓		X ✓	BTEX SW DRO/RRO MS/MSD CRO only
8-24-01	2030	01NE31SS221	SS	3	X ✓	X ✓	X ✓						
8-24-01	2100	01NE31SS122	SS	5	X ✓	X ✓	X ✓			X ✓		X ✓	
8-24-01	2230	01NE31SS123	SS	5	X ✓	X ✓	X ✓			X ✓		X ✓	
8-24-01	2240	01NE31SS124	SS	5	X ✓	X ✓	X ✓			X ✓		X ✓	
8-24-01	1900	01NE00TB114	SS	1		X ✓	X ✓						

Please record Temperature Blank only in the space provided

Following receipt of sample cooler, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett at (907) 248-8884

Relinquished by: Johanna L. Brehm Johanna L. Brehm Company: Montgomery Watson	Date 08-28-01 Time 1600	Shipped via: Goldstreak	Shipping number: 4218 3923
Received by: G Joshi Company: ARI	Date 8/28/01 Time 1125	Relinquished by: Company:	Date Time	Temperature blank temperature upon arrival: 25 °C
Received by: Company:	Date Time	Relinquished by: Company:	Date Time	Custody seal #s: 27, 28

Cooler Receipt Form

ANALYTICAL RESOURCES INCORPORATED

ARI Client: Montgomery Watson Project Name: NE Cap

COC NO.: 01NEC59 Delivered By: AK Airlines

Tracking NO.: 027428 3923 Date: 8-27-01

ARI Job No.: DN69 Lims NO.: 01-15058 to 01-15076

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached To the outside of the cooler?	(YES)	NO
2. Were custody papers included with the cooler	(YES)	NO
3. Were custody papers properly filled out (ink, signed etc.)?	(YES)	NO
4. Complete custody forms and attach all shipping documents	(OK)	NA

Cooler Accepted BY: EJ Date: 8/28/01 Time: 1125

Log-IN Phase:

5. Was a temperature blank include in the cooler?	(YES)	NO
6. Record Cooler Temperature	2.5 °C	
7. What kind of packing material was used?	Bubblewrap	
8. Was sufficient ice used (if appropriate)?	(YES)	NO
9. Were all bottles sealed in separate plastic bags?	(YES)	NO
10. Did all bottles arrive in good condition (unbroken)?	(YES)	NO
11. Were all bottle labels complete and legible?	(YES)	NO
12. Did all bottle labels and tags agree with custody papers?	(YES)	NO
13. Were all bottles used correct for the requested analyses?	(YES)	NO
14. Do any of the analyses (bottles) require preservative? (If so, Preservation checklist must be attached)	YES	(NO)
15. Were all VOA vials free of air bubbles?	YES NA	NO
16. Was sufficient amount of sample sent in each bottle?	(YES)	NO
17. Notify Project Manager of any discrepancies or concerns	(OK)	NA

Cooler Opened By: EJ Date: 8/28/01 Time 1200

Explain any discrepancies or negative responses:

-0.5

DNSS

Northeast Cape, St. Lawrence Island Alaska. 2001 Chain of Custody

CoolerID/COC#: Ø1NEC 43

Montgomery Watson Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

Sampler's signature: [signature] & Doug Quist & Preston Markell

Date	Time	Sample ID	Matrix	Total Containers	SOIL, Cool to 4°C: DRO/RRO AK102/103 1 x 4oz. amber glass jar	BTEX SW 8260B 1 x 2oz. Glass jar w/MeOH	GRO AK101 1 x 2oz. glass jar w/MeOH	VOCs SW8260B 1 x 2oz. glass jar w/MeOH	PAHs SW8270C SIM 1 x 4oz. amber glass jar	PCBs SW8082 1 x 4oz. amber glass jar	Metals SW6010B/7000 1 x 4oz. amber glass jar	TOC lab method 1 x 4oz. amber glass jar	COMMENTS
8-23-01	0830	Ø1NE33SS101	SS	2	X					X			
8-23-01	0835	Ø1NE33SS102	SS	2	X					X			
8-23-01	0840	Ø1NE33SS103	SS	2	X					X			
8-23-01	1030	Ø1NE34SS101	SS	3	X				X	X			
8-23-01	1035	Ø1NE34SS102	SS	3	X				X	X			
8-23-01	1040	Ø1NE34SS103	SS	3	X				X	X			
8-23-01	1045	Ø1NE34SS105	SS	1	X								
8-23-01	1050	Ø1NE34SS106	SS	1	X					FIELD			
8-23-01	1100	Ø1NE34SS107	SS	3	X					X		X	
8-23-01	1105	Ø1NE34SS108	SS	3	X					X		X	
8-23-01	1110	Ø1NE34SS109	SS	3	X					X		X	
8-23-01	1115	Ø1NE34SS110	SS	3	X					X		X	
8-23-01	1130	Ø1NE34SS111	SS	2	X				X				
8-23-													

Please record Temperature Blank only in the space provided

Following receipt of sample cooler, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett at (907) 248-8884

Relinquished by: Johanna Dreher	Date 8-24-01	Shipped via: 8-24-01 FED AK AL Cold Streak	Shipping number: 027 2754 1050
Company: Montgomery Watson	Time 1000		
Received by: [signature]	Date 8/25/01	Relinquished by:	Date
Company: ARI	Time 1410	Company:	Time
Received by:	Date	Relinquished by:	Date
Company:	Time	Company:	Time

Temperature blank temperature upon arrival: -0.5 °C

Custody seal #s: 17768, 17788

Cooler Receipt Form

ANALYTICAL RESOURCES INCORPORATED

ARI Client: Montgomery Watson Project Name: North East Cape

COC NO.: 01NEC43 Delivered By: Alaska Airlines

Tracking NO.: 027 #754 1080 Date: 8/25/01

ARI Job No.: DN55 Lims NO.: 01-14855 to 01-14871

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached To the outside of the cooler?	(YES)	NO
2. Were custody papers included with the cooler	(YES)	NO
3. Were custody papers properly filled out (ink, signed etc.)?	(YES)	NO
4. Complete custody forms and attach all shipping documents	(OK)	NA

Cooler Accepted BY: ERIC BRANSON Date: 8/25/01 Time: 1400

Log-IN Phase:

5. Was a temperature blank include in the cooler?	(YES)	NO
6. Record Cooler Temperature	-0.5	°C
7. What kind of packing material was used?	Bubble Wrap	
8. Was sufficient ice used (if appropriate)?	(YES)	NO
9. Were all bottles sealed in separate plastic bags?	(YES)	NO
10. Did all bottles arrive in good condition (unbroken)?	(YES)	NO
11. Were all bottle labels complete and legible?	(YES)	NO
12. Did all bottle labels and tags agree with custody papers?	(YES)	NO
13. Were all bottles used correct for the requested analyses?	(YES)	NO
14. Do any of the analyses (bottles) require preservative? (If so, Preservation checklist must be attached)	YES	(NO)
15. Were all VOA vials free of air bubbles?	YES NA	NO
16. Was sufficient amount of sample sent in each bottle?	(YES)	NO
17. Notify Project Manager of any discrepancies or concerns	(OK)	NA

Cooler ~~Opened~~ logged By: EJ Date: 8/27/01 Time 1030

Explain any discrepancies or negative responses:

DN53 -0.5

Northeast Cape, St. Lawrence Island Alaska. 2001 Chain of Custody

CoolerID/COC#: Ø1NEC 40

Montgomery Watson
Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

Sampler's signature: Cole Mezz for Doug Quist & Mel Isaacson Mackell

WATER, COOL to 4 °C

Date	Time	Sample ID	Matrix	Total Containers	DRO/RRO AK102/103 2 X 1L Amber Glass w/HCL	GRO/BTEX AK101/SW8260B 3 X 40- ml vial w/HCL	VOCs SW8260B 3 X 40- ml vial w/HCL	SVOCs SW8270C 2 X 1L Amber Glass	PAHs SW8270C SIM 2 X 1L Amber Glass	PCBs SW8082 2 X 1L Amber Glass	Metals SW6010B/7060A/7131A/7191/7421/7471 1x1 L Poly.w/HN03	Alkalinity EPA 310.1 1 x 1 L Poly	Sulfate EPA 300 1 x 1 L Poly	Methane, Ethane, Ethene RSK 175 3 x 40 ml glass vials w/ HCL	COMMENTS
8-23-01	1135	01NE16GW101	GW	4				X ✓✓							MS/MSD
8-23-01	1140	01NE16GW201	GW	2				X ✓							
8-23-01	1005	01NE16GW102	GW	2				X ✓							

Please record Temperature Blank only in the space provided

Following receipt of sample, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett At (907) 248-8884

Relinquished by: Johanna Dreher	Date 8-24-01	Shipped via: AK AL GO PRI	Shipping number: 027 2754 1080
Company: Montgomery Watson	Time 1000		
Received by:	Date 8/25/01	Relinquished by:	Date
Company: ARI	Time 1410	Company:	Time
Received by:	Date	Relinquished by:	Date
Company:	Time	Company:	Time

Temperature blank temperature upon arrival: -0.5 °C

Custody seal #s: 17517, 17516

DNS3 0.5

Northeast Cape, St. Lawrence Island Alaska. 2001 Chain of Custody

CoolerID/COC#: Ø1NEC 42

Montgomery Watson
Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

Sampler's signature: Johanna Dreher M Mayfield Brendan Freeman

WATER, COOL to 4 °C

Date	Time	Sample ID	Matrix	Total Containers	DRO/RRO AK102/103 2 X 1L Amber Glass w/HCL	GRO/~~BTEX~~ AK101/~~SW8260B~~ 3 X 40- ml vial w/HCL	VOCs SW8260B 3 X 40- ml vial w/HCL	SVOCs SW8270C 2 X 1L Amber Glass	PAHs SW8270C SIM 2 X 1L Amber Glass	PCBs SW8082 2 X 1L Amber Glass	Metals SW6010B/7060A/7131A/7191/ 7421/7471 1x1 L Poly w/HN03	Alkalinity EPA 310.1 1 x 1 L Poly	Sulfate EPA 300 1 x 1 L Poly	Methane, Ethane, Ethene RSK 175 3 x 40 ml glass vials w/ HCL	COMMENTS
8-23-01	1045	01NE16GW103	GW	2					X ✓						
8-23-01	1455	01NE09SW207	SW	6		X ✓	X ✓								GRO & VOC only
8-23-01	1650	01NE09SW109	SW	5		X ✓	X ✓								GRO & VOC only
8-23-01	1555	01NE09SW108	SW	6		X ✓	X ✓								GRO & VOC only
8-23-01	1450	01NE09SW107	SW	12		~~X~~ ✓	~~X~~								GRO & VOC only ms/msd
		~~01NE09S-Eqm~~													
8-23-01	1900	01NE00TB108	SW	6		X ✓	X ✓								

Please record Temperature Blank only in the space provided

Following receipt of sample, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett At (907) 248-8884

Relinquished by: Johanna Dreher	Date 6-24-01	Shipped via: AL AL Gold Streak	Shipping number: 027 2754 1080
Company: Montgomery Watson	Time 1000		
Received by:	Date 8/25/01	Relinquished by:	Date
Company: AR	Time 1420	Company:	Time
Received by:	Date	Relinquished by:	Date
Company:	Time	Company:	Time

Temperature blank temperature upon arrival: 0.5 °C

Custody seal #s: 17789 , 17518

DNS3 2.0

Northeast Cape, St. Lawrence Island Alaska. 2001 Chain of Custody

CoolerID/COC#: Ø1NEC 39

Montgomery Watson Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

Sampler's signature: Johanna Dreher & Doug Quist & Mel Markell

WATER, COOL to 4 °C

Date	Time	Sample ID	Matrix	Total Containers	DRO/RRO AK102/103 2 X 1L Amber Glass w/HCL	GRO/BTEX AK101/SW8260B 3 X 40- ml vial w/HCL	VOCs SW8260B 3 X 40- ml vial w/HCL	SVOCs SW8270C 2 X 1L Amber Glass	PAHs SW8270C SIM 2 X 1L Amber Glass	PCBs SW8082 2 X 1L Amber Glass	Metals SW6010B/7060A/7131A/7191/ 7421/7471 1x1 L Poly.w/HN03	Alkalinity EPA 310.1 1 x 1 L Poly	Sulfate EPA 300 1 x 1 L Poly	Methane, Ethane, Ethene RSK 175 3 x 40 ml glass vials w/ HCL	COMMENTS
8/23/01	1450	O1NE09SW107	SW	8	X✓				X✓	X✓					MS/MSD DRO/RRO & PCB

Please record Temperature Blank only in the space provided

Following receipt of sample, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett At (907) 248-8884

Relinquished by: Johanna Dreher	Date 8-24-01	Shipped via: AKAL GO PRI	Shipping number: 027 2754 1080
Company: Montgomery Watson	Time 1000		
Received by:	Date 8/25/01	Relinquished by: Date	Temperature blank temperature upon arrival: °C
Company: AR1	Time 1420	Company: Time	2.0
Received by:	Date	Relinquished by: Date	Custody seal #s: 17515, 17514
Company:	Time	Company: Time	

2.0

DN53

Northeast Cape, St. Lawrence Island Alaska. 2001 Chain of Custody

CoolerID/COC#: Ø1NEC 37

Montgomery Watson
Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

Sampler's signature:

WATER, COOL to 4 °C

Date	Time	Sample ID	Matrix	Total Containers	DRO/RRO AK102/103 2 X 1L Amber Glass w/HCL	GRO/BTEX AK101/SW8260B 3 X 40- ml vial w/HCL	VOCs SW8260B 3 X 40- ml vial w/HCL	SVOCs SW8270C 2 X 1L Amber Glass	PAHs SW8270C SIM 2 X 1L Amber Glass	PCBs SW8082 2 X 1L Amber Glass	TAL Metals SW6010B/7060A/7131A/7191/7421/7471 1x1 L Poly w/HNO3	Alkalinity EPA 310.1 1 x 1 L Poly	Sulfate EPA 300 1 x 1 L Poly	Methane, Ethane, Ethene RSK 175 3 x 40 ml glass vials w/ HCL	COMMENTS
08-23-01	555	Ø1NEØ95W108	SW	7	X ✓				X ✓	X ✓	X ✓				
08-23-01	1450	Ø1NEØ95W107	SW	2							X ✓				MS/MSD

Please record Temperature Blank only in the space provided

Following receipt of sample, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett At (907) 248-8884

Relinquished by: Johanna Dreher	Date 8-24-01	Shipped via: AL AL GOPRI		Shipping number: 027 2754 1080
Company: Montgomery Watson	Time 10:00			
Received by:	Date 8/25/01	Relinquished by:	Date	Temperature blank temperature upon arrival: °C
Company: AAI	Time 1420	Company:	Time	2.0
Received by:	Date	Relinquished by:	Date	Custody seal #s: 17786 , 17772
Company:	Time	Company:	Time	

DN53 2 of 8

Northeast Cape, St. Lawrence Island Alaska. 2001 Chain of Custody

CoolerID/COC#: Ø1NEC_38

Montgomery Watson
Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

Sampler's signature: [signature]

WATER, COOL to 4 °C

Date	Time	Sample ID	Matrix	Total Containers	DRO/RRO AK102/103 2 X 1L Amber Glass w/HCL	GRO/BTEX AK101/SW8260B 3 X 40- ml vial w/HCL	VOCs SW8260B 3 X 40- ml vial w/HCL	SVOCs SW8270C 2 X 1L Amber Glass	PAHs SW8270C SIM 2 X 1L Amber Glass	PCBs SW8082 2 X 1L Amber Glass	TAL Metals SW6010B/~~7060A/7421A/7191~~ 7000 ~~7431/7471~~ 1x1 L Poly w/HN03	Alkalinity EPA 310.1 1 x 1 L Poly	Sulfate EPA 300 1 x 1 L Poly	Methane, Ethane, Ethene RSK 175 3 x 40 ml glass vials w/ HCL	COMMENTS
08-23-01	1455	01NE09SW207	~~Soil~~ SW	7	X				X	X	X				

Please record Temperature Blank only in the space provided

Following receipt of sample, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett At (907) 248-8884

Relinquished by: Johanna Dreher	Date 8-24-01	Shipped via: AKAL GOPRI	Shipping number: 027 2754 1080
Company: Montgomery Watson	Time 1000		
Received by: [signature]	Date 8/25/01	Relinquished by:	Date
Company: ARI	Time 1416	Company:	Time
Received by:	Date	Relinquished by:	Date
Company:	Time	Company:	Time

Temperature blank temperature upon arrival: 2.0 °C

Custody seal #s: 17512, 17513

DN531.5 DN533 01-14842 01-14856 1.5

Northeast Cape, St. Lawrence Island Alaska. 2001 Chain of Custody

CoolerID/COC#: Ø1NEC 39 46

Montgomery Watson Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

Sampler's signature: Johanna Dreher for Douglas Post & Michael Mo-Kol

WATER, COOL to 4 °C

Date	Time	Sample ID	Matrix	Total Containers	DRO/RRO AK102/103 2 X 1L Amber Glass w/HCL	GRO/BTEX AK101/SW8260B 3 X 40- ml vial w/HCL	VOCs SW8260B 3 X 40- ml vial w/HCL	SVOCs SW8270C 2 X 1L Amber Glass	PAHs SW8270C SIM 2 X 1L Amber Glass	PCBs SW8082 2 X 1L Amber Glass	Metals SW6010B/7060A/7131A/7191/ 7421/7471 1x1 L Poly w/HN03	Alkalinity EPA 310.1 1 x 1 L Poly	Sulfate EPA 300 1 x 1 L Poly	Methane, Ethane, Ethene RSK 175 3 x 40 ml glass vials w/ HCL	COMMENTS
8-23-01	1650	Ø1NEC09SW109	SW	7	X				X	X				X	TAL Metals

Please record Temperature Blank only in the space provided

Following receipt of sample, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett At (907) 248-8884

Relinquished by: Johanna Dreher	Date ~~8-24-01~~ 8-25-01	Shipped via: AK AL Gold Streak	Shipping number: 027-2754-1080
Company: Montgomery Watson	Time 1000		
Received by: Jane Branson	Date 8/25/01	Relinquished by:	Date
Company:	Time 1410	Company:	Time
Received by:	Date	Relinquished by:	Date
Company:	Time	Company:	Time

Temperature blank temperature upon arrival: 1.5C °C

Custody seal #s: 17787, 17790

Cooler Receipt Form

ANALYTICAL RESOURCES INCORPORATED

ARI Client: Montgomery Watson Project Name: Northeast Cape

COC NO.: 42 Delivered By: Fed-X

Tracking NO.: 027 2754 1080 Date: 8/25/01

ARI Job No.: DN53 Lims NO.: 01-14852-01-14856

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached To the outside of the cooler? ..... (YES) NO
2. Were custody papers included with the cooler ..... (YES) NO
3. Were custody papers properly filled out (ink, signed etc.)? ..... (YES) NO
4. Complete custody forms and attach all shipping documents ..... (OK) NA

Cooler Accepted BY: Deborah Thurman Date: 8/25/01 Time: 14:10

Log-IN Phase:

5. Was a temperature blank include in the cooler? ..... (YES) NO
6. Record Cooler Temperature ..... 0.5 °C
7. What kind of packing material was used? ..... Bubble Wrap
8. Was sufficient ice used (if appropriate)? ..... (YES) NO
9. Were all bottles sealed in separate plastic bags? ..... (YES) NO
10. Did all bottles arrive in good condition (unbroken)? ..... (YES) NO
11. Were all bottle labels complete and legible? ..... (YES) NO
12. Did all bottle labels and tags agree with custody papers? ..... (YES) NO
13. Were all bottles used correct for the requested analyses? ..... (YES) NO
14. Do any of the analyses (bottles) require preservative? (If so, Preservation checklist must be attached) ..... (YES) N/A NO
15. Were all VOA vials free of air bubbles? ..... YES (NO)
16. Was sufficient amount of sample sent in each bottle? ..... (YES) NO
17. Notify Project Manager of any discrepancies or concerns ..... (OK) NA

Cooler Opened By: Deborah Thurman Date: 8/25/01 Time 14:10

Explain any discrepancies or negative responses:

DNE00TB108 (3 of 3) Air bubbles - trip Blank all less than pea size.

Cooler Receipt Form

ANALYTICAL RESOURCES INCORPORATED

ARI Client: Montgomery Watson Project Name: Northeast Cape

COC NO.: 37 Delivered By: Fed-X

Tracking NO.: 027275541080 Date: 8/25/01

ARI Job No.: DN53 Lims NO.: 014849 - 01-14851

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached To the outside of the cooler? ..... (YES) NO
2. Were custody papers included with the cooler ..... (YES) NO
3. Were custody papers properly filled out (ink, signed etc.)? ..... (YES) NO
4. Complete custody forms and attach all shipping documents ..... (OK) NA

Cooler Accepted BY: Deborah Johnson Date: 8/25/01 Time: 14:10

Log-IN Phase:

5. Was a temperature blank include in the cooler? ..... (YES) NO
6. Record Cooler Temperature ..... 2.0 °C
7. What kind of packing material was used? ..... Bubble Wrap
8. Was sufficient ice used (if appropriate)? ..... (YES) NO
9. Were all bottles sealed in separate plastic bags? ..... (YES) NO
10. Did all bottles arrive in good condition (unbroken)? ..... (YES) NO
11. Were all bottle labels complete and legible? ..... (YES) NO
12. Did all bottle labels and tags agree with custody papers? ..... (YES) NO
13. Were all bottles used correct for the requested analyses? ..... (YES) NO
14. Do any of the analyses (bottles) require preservative? (If so, Preservation checklist must be attached) ..... (YES) NA NO
15. Were all VOA vials free of air bubbles? ..... YES (NA) NO
16. Was sufficient amount of sample sent in each bottle? ..... (YES) NO
17. Notify Project Manager of any discrepancies or concerns ..... (OK) NA

Cooler Opened By: Deborah Johnson Date: 8/25/01 Time 14:10

Explain any discrepancies or negative responses:

Cooler Receipt Form

ANALYTICAL RESOURCES INCORPORATED

ARI Client: Montgomery Watson Project Name: Northeast Cape

COC NO.: 38 Delivered By: Fed-X

Tracking NO.: 027275410 80 Date:

ARI Job No.: DN53 Lims NO.: 01-14848-01-14848

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached To the outside of the cooler? ..... (YES) NO
2. Were custody papers included with the cooler ..... (YES) NO
3. Were custody papers properly filled out (ink, signed etc.)? ..... (YES) NO
4. Complete custody forms and attach all shipping documents ..... (OK) NA

Cooler Accepted BY: Deborah Shuman Date: 8/25/01 Time: 14:10

Log-IN Phase:

5. Was a temperature blank include in the cooler? ..... (YES) NO
6. Record Cooler Temperature ..... 2.0 °C
7. What kind of packing material was used? ..... Bubble wrap
8. Was sufficient ice used (if appropriate)? ..... (YES) NO
9. Were all bottles sealed in separate plastic bags? ..... (YES) NO
10. Did all bottles arrive in good condition (unbroken)? ..... (YES) NO
11. Were all bottle labels complete and legible? ..... (YES) NO
12. Did all bottle labels and tags agree with custody papers? ..... (YES) NO
13. Were all bottles used correct for the requested analyses? ..... (YES) NO
14. Do any of the analyses (bottles) require preservative? (If so, Preservation checklist must be attached) ..... YES NA NO
15. Were all VOA vials free of air bubbles? ..... YES NA NO
16. Was sufficient amount of sample sent in each bottle? ..... (YES) NO
17. Notify Project Manager of any discrepancies or concerns ..... (OK) NA

Cooler Opened By: Deborah Shuman Date: 8/25/01 Time 14:10

Explain any discrepancies or negative responses:

Cooler Receipt Form

ANALYTICAL RESOURCES INCORPORATED

ARI Client: Montgomery Watson Project Name: Northeast Cape

COC NO.: 40 Delivered By: Fed-X

Tracking NO.: _____ Date: 8/25/01

ARI Job No.: DN53 Lims NO.: 01-14845-01-14847

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached To the outside of the cooler? ..... (YES) NO
2. Were custody papers included with the cooler ..... (YES) NO
3. Were custody papers properly filled out (ink, signed etc.)? ..... (YES) NO
4. Complete custody forms and attach all shipping documents ..... (OK) NA

Cooler Accepted BY: Deborah Thurman Date: 8/25/01 Time: 14:10

Log-IN Phase:

5. Was a temperature blank include in the cooler? ..... (YES) NO
6. Record Cooler Temperature ..... 0.5 °C
7. What kind of packing material was used? ..... Bubble Wrap
8. Was sufficient ice used (if appropriate)? ..... (YES) NO
9. Were all bottles sealed in separate plastic bags? ..... (YES) NO
10. Did all bottles arrive in good condition (unbroken)? ..... (YES) NO
11. Were all bottle labels complete and legible? ..... (YES) NO
12. Did all bottle labels and tags agree with custody papers? ..... (YES) NO
13. Were all bottles used correct for the requested analyses? ..... (YES) NO
14. Do any of the analyses (bottles) require preservative? (If so, Preservation checklist must be attached) ..... (YES) NA NO
15. Were all VOA vials free of air bubbles? ..... YES (NA) NO
16. Was sufficient amount of sample sent in each bottle? ..... (YES) NO
17. Notify Project Manager of any discrepancies or concerns ..... (OK) NA

Cooler Opened By: Deborah Thurman Date: 8/25/01 Time 14:10

Explain any discrepancies or negative responses:

Cooler Receipt Form

ANALYTICAL RESOURCES INCORPORATED

ARI Client: Montgomery Watson Project Name: Northeast Cape

COC NO.: 39 Delivered By: Fed-X

Tracking NO.: 027275410 80 Date: 8/25/01

ARI Job No.: DNS3 Lims NO.: 01-14844 - 01-14844

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached To the outside of the cooler? ..... (YES) NO
2. Were custody papers included with the cooler ..... (YES) NO
3. Were custody papers properly filled out (ink, signed etc.)? ..... (YES) NO
4. Complete custody forms and attach all shipping documents ..... (OK) NA

Cooler Accepted BY: Deborah Thomas Date: 8/25/01 Time: 14:10

Log-IN Phase:

5. Was a temperature blank include in the cooler? ..... (YES) NO
6. Record Cooler Temperature..... 2.0 °C
7. What kind of packing material was used? ..... Bubble Wrap
8. Was sufficient ice used (if appropriate)? ..... (YES) NO
9. Were all bottles sealed in separate plastic bags? ..... (YES) NO
10. Did all bottles arrive in good condition (unbroken)? ..... (YES) NO
11. Were all bottle labels complete and legible? ..... (YES) NO
12. Did all bottle labels and tags agree with custody papers? ..... (YES) NO
13. Were all bottles used correct for the requested analyses? ..... (YES) NO
14. Do any of the analyses (bottles) require preservative? (If so, Preservation checklist must be attached) ..... (YES) N/A NO
15. Were all VOA vials free of air bubbles? ..... YES (N/A) NO
16. Was sufficient amount of sample sent in each bottle? ..... (YES) NO
17. Notify Project Manager of any discrepancies or concerns..... (OK) NA

Cooler Opened By: Deborah Thomas Date: 8/25/01 Time 14:10

Explain any discrepancies or negative responses:

Cooler Receipt Form

ANALYTICAL RESOURCES INCORPORATED

ARI Client: Montgomery Watson Project Name: North East Cape

COC NO.: #460 Delivered By: Fed-X

Tracking NO.: Date: 8/25/01

ARI Job No.: DN53 Lims NO.: 01-14842-01-14843

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached To the outside of the cooler? ..... (YES) NO
2. Were custody papers included with the cooler ..... (YES) NO
3. Were custody papers properly filled out (ink, signed etc.)? ..... (YES) NO
4. Complete custody forms and attach all shipping documents ..... (OK) NA

Cooler Accepted BY: Deborah L Shuman Date: 8/25/01 Time: 14:10

Log-IN Phase:

5. Was a temperature blank include in the cooler? ..... (YES) NO
6. Record Cooler Temperature ..... 1.5 °C
7. What kind of packing material was used? ..... Bubble Wrap
8. Was sufficient ice used (if appropriate)? ..... (YES) NO
9. Were all bottles sealed in separate plastic bags? ..... (YES) NO
10. Did all bottles arrive in good condition (unbroken)? ..... (YES) NO
11. Were all bottle labels complete and legible? ..... (YES) NO
12. Did all bottle labels and tags agree with custody papers? ..... (YES) NO
13. Were all bottles used correct for the requested analyses? ..... (YES) NO
14. Do any of the analyses (bottles) require preservative? (If so, Preservation checklist must be attached) ..... (YES) NO
15. Were all VOA vials free of air bubbles? ..... YES (NA) NO
16. Was sufficient amount of sample sent in each bottle? ..... (YES) NO
17. Notify Project Manager of any discrepancies or concerns ..... (OK) NA

Cooler Opened By: Deborah L Shuman Date: 8/25/01 Time 14:10

Explain any discrepancies or negative responses:

Tal Metals Containers Included Not on COC

027 | Airport of Departure 2754 1080 | Subject to Conditions of Contract on the Back of the Airbill | INSURANCE AVAILABLE | 027 2754 1080

SHIPPERS NAME AND ADDRESS
Montgomery Watson Harza
4100 Spenard Road
Anchorage, AK 99517 Site: Northeast Cape

SHIPPERS ACCOUNT NUMBER
2744-006515-1

NOT NEGOTIABLE
AIR WAYBILL
(AIR CONSIGNMENT NOTE)

Alaska Airlines
SEATTLE-TACOMA INTERNATIONAL AIRPORT
SEATTLE, WASHINGTON

Copies 3, 9 and 1 of this Air Waybill are originals and have the same validity.

It is agreed that the goods described herein are accepted for carriage in apparent good order and condition (except as noted) and SUBJECT TO THE CONDITIONS OF CONTRACT ON THE REVERSE HEREOF. THE SHIPPER'S ATTENTION IS DRAWN TO THE NOTICE CONCERNING CARRIER'S LIMITATION OF LIABILITY.

CONSIGNEE'S NAME AND ADDRESS
ARI
333 Ninth Avenue
North Seattle, WA 98109-5187

CONSIGNEE'S ACCOUNT NUMBER

TO EXPEDITE MOVEMENT, SHIPMENT MAY BE DIVERTED TO MOTOR OR OTHER CARRIER AS PER TARIFF RULE UNLESS SHIPPER GIVES OTHER INSTRUCTIONS HEREON.

ISSUING CARRIER'S AGENT NAME AND CITY

ALSO NOTIFY NAME AND ADDRESS *(OPTIONAL ACCOUNTING INFORMATION)*
Call Upon Arrival 206-389-6167
KEEP COOL- DO NOT FREEZE
Flight 152 → 186

AGENTS IATA CODE | ACCOUNT NO.

AIRPORT OF DEPARTURE (ADDR OF FIRST CARRIER) AND REQUESTED ROUTING

[redacted] DOMESTIC
☒ PRIORITY [redacted] INTERNATIONAL

ROUTING AND DESTINATION TO	BY FIRST CARRIER	TO	BY	TO	BY	CURRENCY	CHGS CODE	WT/VAL PPD	WT/VAL COLL	OTHER PPD	OTHER COLL	DECLARED VALUE FOR CARRIAGE	DECLARED VALUE FOR CUSTOMS

AIRPORT OF DESTINATION	FOR CARRIER USE ONLY FLIGHT/DATE	FLIGHT/DATE	AMOUNT OF INSURANCE	INSURANCE - If shipper requests insurance in accordance with conditions on reverse hereof, indicate amount to be insured in box (Marked amount of insurance)	TC

HANDLING INFORMATION These commodities licensed by US for ultimate destination. Diversion contrary to US law is prohibited.

Refrigerate- Do not freeze GO PRI

NO. OF PIECES RCP	GROSS WEIGHT	kg lb	RATE CLASS COMMODITY ITEM NO.	CHARGEABLE WEIGHT	RATE / CHARGE	TOTAL	NATURE AND QUANTITY OF GOODS (INCL. DIMENSIONS OR VOLUME)
7							

PREPAID	WEIGHT CHARGE	COLLECT	P-UP ZONE	PICKUP CHARGES	ORIGIN ADVANCE CHARGES	DESCRIPTION OF ORIGIN ADVANCE
A.			B.		K.	

	VALUATION CHARGE		DEL ZONE	DELIVERY CHARGES	DEST. ADVANCE CHARGES	DESCRIPTION OF DEST. ADVANCE
D.			C.		L.	

TAX	OTHER CHARGES AND DESCRIPTION	ITEMS PREPAID	ITEMS COLLECT
I.	F.		

TOTAL OTHER CHARGES DUE AGENT

TOTAL OTHER CHARGES DUE CARRIER

The shipper certifies that the particulars on the face hereof are correct, agrees to the CONDITIONS ON REVERSE HEREOF, accepts that carrier's liability is limited as stated on the reverse hereof and accepts such value unless a higher value for carriage is declared on the face hereof subject to an additional charge and that insofar as any part of the consignment contains restricted articles, such part is properly described by name and is in proper condition for carriage by air according to applicable national governmental regulations, and for International shipments, the current International Air Transport Association's Restricted Articles Regulations.

Bonnie McLean B McLEAN

G. COD → CURRENCY

SIGNATURE OF SHIPPER OR HIS AGENT ABOVE AND INITIAL APPLICABLE BOX BELOW.

BMcL THIS SHIPMENT DOES NOT CONTAIN DANGEROUS GOODS.

[ ] THIS SHIPMENT DOES CONTAIN DANGEROUS GOODS.

TOTAL PREPAID | TOTAL COLLECT

EXECUTED ON

CURRENCY CONVERSION RATES | TOTAL COLLECT IN DESTINATION CURRENCY

(Date) (Time) at (Place) SIGNATURE OF ISSUING CARRIER OR ITS AGENT.

Carrier certifies goods described above were received for carriage subject to the Conditions on reverse hereof, the goods then being in apparent good order and condition except as noted hereon

FOR CARRIERS USE ONLY AT DESTINATION (ALL COLLECT CHARGES IN DESTINATION CURRENCY) | CHARGES AT DESTINATION | TOTAL COLLECT CHARGES

0272754 1080

PRINTED IN U.S.A. FORM AS 17 [illegible]

Northeast Cape, St. Lawrence Island Alaska. 2001 Chain of Custody

B DN40

CoolerID/COC#: Ø1NEC 27

Montgomery Watson Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

Sampler's signature: Tang Quist Allison Marshall

Date	Time	Sample ID	Matrix	Total Containers	SOIL, Cool to 4°C: DRO/RRO AK102/103 1 x 4oz. amber glass jar	BTEX SW 8260B 1 x 2oz. Glass jar w/MeOH	GRO AK101 1 x 2oz. glass jar w/MeOH	VOCs SW8260B 1 x 2oz. glass jar w/MeOH	PAHs SW8270C SIM 1 x 4oz. amber glass jar	PCBs SW8082 1 x 4oz. amber glass jar	Pb Zn Cr Metals SW6010B/7000 1 x 4oz. amber glass jar	TOC lab method 1 x 4oz. amber glass jar	TAL metals Soil/Sed/PCBs	COMMENTS
08-21-01	1400	Ø1NE29SD120	SD	5	X ✓				X ✓	X ✓	X ✓	X ✓		
08-21-01	1405	Ø1NE29SD121	SD	5	X ✓				X ✓	X ✓	X ✓	X ✓		
08-21-01	1415	Ø1NE29SD122 dup	SD	5	X ✓				X ✓	X ✓	X ✓	X ✓		Ø1NE29SD122
08-21-01	1025	Ø1NE29SD128	SD	2		X ✓	X ✓							
08-21-01	1045	Ø1NE29SD129	SD	2		X ✓	X ✓							
08-21-01	1900	Ø1NEQQTB104	SD	1		X ✓	X ✓							
8-21-01	1740	Ø1NE29SD127	SD	6	X ✓	X ✓	X ✓		X ✓	X ✓			X ✓	
8-21-01	1800	Ø1NE29SD126	SD	6	X ✓	X ✓	X ✓		X ✓	X ✓			X ✓	

Please record Temperature Blank only in the space provided

Following receipt of sample cooler, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett at (907) 248-8884

Relinquished by: Ellen Mans Ellen Mans	Date 8-22-01	Shipped via: AK AL GO PRI	Shipping number: 027 2754 1135
Company: Montgomery Watson	Time 1730		
Received by: Jeeson Kugeler	Date 8-24-01	Relinquished by:	Date
Company: AKI	Time 940	Company:	Time
Received by:	Date	Relinquished by:	Date
Company:	Time	Company:	Time

Temperature blank temperature upon arrival: 3.5 °C

Custody seal #s: 1773, 1779

Northeast Cape, St. Lawrence Island Alaska. 2001 Chain of Custody

A DN46

01-14750 - 01-14763

CoolerID/COC#: Ø1NEC 26

Montgomery Watson Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

Sampler's signature: Tony Grant Melissa Markell

Date	Time	Sample ID	Matrix	Total Containers	SOIL, Cool to 4°C: DRO/RRO AK102/103 1 x 4oz. amber glass jar	BTEX SW 8260B 1 x 2oz. Glass jar w/MeOH	GRO AK101 1 x 2oz. glass jar w/MeOH	VOCs SW8260B 1 x 2oz. glass jar w/MeOH	PAHs SW8270C SIM 1 x 4oz. amber glass jar	PCBs SW8082 1 x 4oz. amber glass jar	~~Metals~~ Pb Zn Cr SW6010B/7000 1 x 4oz. amber glass jar	TOC lab method 1 x 4oz. amber glass jar	TAL metals Sw6010B/7000	COMMENTS
8-21-01	0900	Ø1NE29SD123	SD	5	X ✓				X ✓	X ✓	X ✓	X ✓		
8-21-01	0910	Ø1NE29SD124	SD	5	X ✓				X ✓	X ✓	X ✓	X ✓		
8-21-01	0950	Ø1NE29SD125	SD	9	X ✓				X ✓	X ✓	X ✓	X ✓		MS/MSD DRO/RRO PAH, PCB, Pb, Zn, Cr only
8-21-01	0955	Ø1NE29SD225	SD	4	X ✓				X ✓	X ✓	X ✓			
8-21-01	1025	Ø1NE29SD128	SD	4	X ✓				X ✓	X ✓			X ✓	
8-21-01	1045	Ø1NE29SD129	SD	4	X ✓				X ✓	X ✓			X ✓	

Please record Temperature Blank only in the space provided

Following receipt of sample cooler, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett at (907) 248-8884

Relinquished by: Eileen Maus	Date 8-22-01	Shipped via: AK AL GO PRI	Shipping number: 027 2754 1135
Company: Montgomery Watson	Time 1730		
Received by: Greg Thompson	Date 8-24-01	Relinquished by:	Date
Company: XRI	Time 955	Company:	Time
Received by:	Date	Relinquished by:	Date
Company:	Time	Company:	Time

Temperature blank temperature upon arrival: 1.5°C °C

Custody seal #s: 17782, 17781

Cooler Receipt Form

ANALYTICAL RESOURCES INCORPORATED

ARI Client: Montgomery Watson Project Name: Northeast Cape

COC NO.: 01NEC26 Delivered By: Ak Airlines

Tracking NO.: 027 2754 1135 Date: 8-24-01

ARI Job No.: DN40 Lims NO.: 01-14750 - 01-14755

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached To the outside of the cooler?	(YES)	NO
2. Were custody papers included with the cooler	(YES)	NO
3. Were custody papers properly filled out (ink, signed etc.)?	(YES)	NO
4. Complete custody forms and attach all shipping documents	(OK)	NA

Cooler Accepted BY: Susan Hughes Date: 8-24-01 Time: 955

Log-IN Phase:

5. Was a temperature blank include in the cooler?	(YES)	NO
6. Record Cooler Temperature	1.5 °C	
7. What kind of packing material was used?	Bubble wrap	
8. Was sufficient ice used (if appropriate)?	(YES)	NO
9. Were all bottles sealed in separate plastic bags?	(YES)	NO
10. Did all bottles arrive in good condition (unbroken)?	(YES)	NO
11. Were all bottle labels complete and legible?	(YES)	NO
12. Did all bottle labels and tags agree with custody papers?	(YES)	NO
13. Were all bottles used correct for the requested analyses?	(YES)	NO
14. Do any of the analyses (bottles) require preservative? (If so, Preservation checklist must be attached)	YES	(NO)
15. Were all VOA vials free of air bubbles?	YES N/A	NO
16. Was sufficient amount of sample sent in each bottle?	(YES)	NO
17. Notify Project Manager of any discrepancies or concerns	(OK)	NA

Cooler Opened By: Deborah Flanagan Date: 8/24/01 Time 9:55

Explain any discrepancies or negative responses:

Cooler Receipt Form

ANALYTICAL RESOURCES INCORPORATED

ARI Client: Montgomery Watson Project Name: Northeast Cape

COC NO.: 01NEC27 Delivered By: ak airlines

Tracking NO.: 027 27541135 Date: 8-24-01

ARI Job No.: DN40 Lims NO.: 01-14756 - 01-14761

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached To the outside of the cooler?	(YES)	NO
2. Were custody papers included with the cooler	(YES)	NO
3. Were custody papers properly filled out (ink, signed etc.)?	(YES)	NO
4. Complete custody forms and attach all shipping documents	(OK)	NA

Cooler Accepted BY: Susan Snyder Date: 8-24-01 Time: 9:40

Log-IN Phase:

5. Was a temperature blank include in the cooler?	(YES)	NO
6. Record Cooler Temperature	3.5 °C	
7. What kind of packing material was used?	Bubble Wrap	
8. Was sufficient ice used (if appropriate)?	(YES)	NO
9. Were all bottles sealed in separate plastic bags?	(YES)	NO
10. Did all bottles arrive in good condition (unbroken)?	(YES)	NO
11. Were all bottle labels complete and legible?	(YES)	NO
12. Did all bottle labels and tags agree with custody papers?	(YES)	NO
13. Were all bottles used correct for the requested analyses?	(YES)	NO
14. Do any of the analyses (bottles) require preservative? (If so, Preservation checklist must be attached) VOA - at bench	(YES)	NO
15. Were all VOA vials free of air bubbles?	(YES)	NO
16. Was sufficient amount of sample sent in each bottle?	(YES)	NO
17. Notify Project Manager of any discrepancies or concerns	(OK)	NA

Cooler Opened By: Susan Snyder Date: 8-24-01 Time 9:40

Explain any discrepancies or negative responses:

Northeast Cape, St. Lawrence Island Alaska. 2001 Chain of Custody

DN39

CoolerID/COC#: Ø1NEC 21

Montgomery Watson Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

Sampler's signature: Doug Quist Melissa Markell

Date (2001)	Time	Sample ID	Matrix	Total Containers	DRO/RRO AK102/103 1 x 4oz. amber glass jar	BTEX SW 8260B 1 x 2oz. Glass jar w/MeOH	GRO AK101 1 x 2oz. glass jar w/MeOH	VOCs SW8260B 1 x 2oz. glass jar w/MeOH	PAHs SW8270C SIM 1 x 4oz. amber glass jar	PCBs SW8082 1 x 4oz. amber glass jar	Metals SW6010B/7000 Pb, Zn, Cr 1 x 4oz. amber glass jar	TOC lab method 1 x 4oz. amber glass jar	COMMENTS
					SOIL, Cool to 4°C								
8-20	1020	01NE28SD171	SD	5	X ✓				X ✓	X ✓	X ✓	X ✓	
8-20	1030	01NE28SD172	SD	5	X ✓				X ✓	X ✓	X ✓	X ✓	
8-20	1035	01NE28SD173	SD	5	X ✓				X ✓	X ✓	X ✓	X ✓	
8-20	1040	01NE28SD174	SD	5	X ✓				X ✓	X ✓	X ✓	X ✓	
8-20	1045	01NE28SD175	SD	5	X ✓				X ✓	X ✓	X ✓	X ✓	
8-20	1055	01NE28SD176	SD	5	X ✓				X ✓	X ✓	X ✓	X ✓	
8-20	1025	01NE28SD2761	SD	4	X ✓				X ✓	X ✓	X ✓		01NE28SD271
8-20	1050	01NE28SD275	SD	4	X ✓				X ✓	X ✓	X ✓		

Please record Temperature Blank only in the space provided

Following receipt of sample cooler, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett at (907) 248-8884

Relinquished by: Eileen Maus / Eileen Maus	Date 8-22-01	Shipped via: AK AL GO PRI	Shipping number: C27 2754 1135
Company: Montgomery Watson	Time 1730		
Received by: Sieglinde Kugler	Date 8-24-01	Relinquished by:	Date
Company: ARI	Time 4:50	Company:	Time
Received by:	Date	Relinquished by:	Date
Company:	Time	Company:	Time

Temperature blank temperature upon arrival: 3.5 °C

Custody seal #s: 17527, 17528

Northeast Cape, St. Lawrence Island Alaska. 2001 Chain of Custody

CoolerID/COC#: Ø1NEC_22

DN39

Montgomery Watson
Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

Sampler's signature: Douglas Quist Melissa L Markell

Date 2001	Time	Sample ID	Matrix	Total Containers	DRO/RRO AK102/103 1 x 4oz. amber glass jar	BTEX SW 8260B 1 x 2oz. Glass jar w/MeOH	GRO AK101 1 x 2oz. glass jar w/MeOH	VOCs SW8260B 1 x 2oz. glass jar w/MeOH	PAHs SW8270C SIM 1 x 4oz. amber glass jar	PCBs SW8082 1 x 4oz. amber glass jar	Metals SW6010B/~~7000~~ Pb ZnCr 1 x 4oz. amber glass jar	TOC lab method 1 x 4oz. amber glass jar	COMMENTS
8-20	1115	O1NE28SD177	SD	5	X ✓				X ✓	X ✓	X ✓	X ✓	
8-20	1120	O1NE28SD178	SD	5	X ✓				X ✓	X ✓	X ✓	X ✓	
8-20	1125	O1NE28SD179	SD	5	X ✓				X ✓	X ✓	X ✓	X ✓	
8-20	1130	O1NE28SD180	SD	5	X ✓				X ✓	X ✓	X ✓	X ✓	
8-20	1135	O1NE28SD181	SD	5	X ✓				X ✓	X ✓	X ✓	X ✓	
8-20	1140	O1NE28SD182	SD	5	X ✓				X ✓	X ✓	X ✓	X ✓	

Please record Temperature Blank only in the space provided

Following receipt of sample cooler, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett at (907) 248-8884

Relinquished by: Eileen Maus	Date 8-22-01	Shipped via: AK AL GO PRI	Shipping number: 027 2754-1135
Company: Montgomery Watson	Time 1730		
Received by: Susan Snyder	Date 8-24-0	Relinquished by:	Date
Company: ARI	Time 945	Company:	Time
Received by:	Date	Relinquished by:	Date
Company:	Time	Company:	Time

Temperature blank temperature upon arrival: 1.5°C °C

Custody seal #s: 17783, 17784

Northeast Cape, St. Lawrence Island Alaska. 2001 Chain of Custody

DN39

Cooler ID/COC#: Ø1NEC24

Montgomery Watson
Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

Sampler's signature: Sarah Quist Melissa Markell

2001 Date	Time	Sample ID	Matrix	Total Containers	SOIL, Cool to 4°C: DRO/RRO AK102/103 1 x 4oz. amber glass jar	BTEX SW 8260B 1 x 2oz. Glass jar w/MeOH	GRO AK101 1 x 2oz. glass jar w/MeOH	VOCs SW8260B 1 x 2oz. glass jar w/MeOH	PAHs SW8270C SIM 1 x 4oz. amber glass jar	PCBs SW8082 1 x 4oz. amber glass jar	Metals SW6010B/~~7000~~ Pb Zn Cr 1 x 4oz. amber glass jar	TOC lab method 1 x 4oz. amber glass jar	COMMENTS
8-20	1355	O1NE28SD159	SD	5	X ✓				X ✓	X ✓	X ✓	X ✓	
8-20	1405	O1NE28SD160	SD	5	X ✓				X ✓	X ✓	X ✓	X ✓	
8-20	1410	O1NE28SD161	SD	5	X ✓				X ✓	X ✓	X ✓	X ✓	
8-20	1430	O1NE28SD163	SD	5	X ✓				X ✓	X ✓	X ✓	X ✓	
8-20	1440	O1NE28SD164	SD	5	X ✓				X ✓	X ✓	X ✓	X ✓	
8-20	1435	O1NE28SD263	SD	4	X ✓				X ✓	X ✓	X ✓		

Please record Temperature Blank only in the space provided

Following receipt of sample cooler, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett at (907) 248-8884

Relinquished by: Eileen Mars Eileen Mars	Date 8-22-01	Shipped via: AK AL GO PRI	Shipping number: 027 2754 1135
Company: Montgomery Watson	Time 1730		
Received by: Susan Snyder	Date 8-24-01	Relinquished by:	Date
Company: AKI	Time 945	Company:	Time
Received by:	Date	Relinquished by:	Date
Company:	Time	Company:	Time

Temperature blank temperature upon arrival: 1.5 °C

Custody seal #s: 17778, 17862

Cooler Receipt Form

ANALYTICAL RESOURCES INCORPORATED

ARI Client: Montgomery Watson Project Name: Northeast Cape

COC NO.: 01NEC21 Delivered By: Ak Airlines

Tracking NO.: 027 27541135 Date: 8-24-01

ARI Job No.: DN39 Lims NO.: 01-14730 to 01-14749

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached To the outside of the cooler? ..... (YES) NO
2. Were custody papers included with the cooler ..... (YES) NO
3. Were custody papers properly filled out (ink, signed etc.)? ..... (YES) NO
4. Complete custody forms and attach all shipping documents ..... (OK) NA

Cooler Accepted BY: Jessica Hayden Date: 8-24-01 Time: 9:50

Log-IN Phase:

5. Was a temperature blank include in the cooler? ..... (YES) NO
6. Record Cooler Temperature ..... 3.5 °C
7. What kind of packing material was used? ..... Bubble wrap
8. Was sufficient ice used (if appropriate)? ..... (YES) NO
9. Were all bottles sealed in separate plastic bags? ..... (YES) NO
10. Did all bottles arrive in good condition (unbroken)? ..... (YES) NO
11. Were all bottle labels complete and legible? ..... (YES) NO
12. Did all bottle labels and tags agree with custody papers? ..... YES (NO)
13. Were all bottles used correct for the requested analyses? ..... (YES) NO
14. Do any of the analyses (bottles) require preservative? (If so, Preservation checklist must be attached) AK102/103 waters only ..... (YES) (NO) SS 8/24/01
15. Were all VOA vials free of air bubbles? ..... YES NA NO
16. Was sufficient amount of sample sent in each bottle? ..... (YES) NO
17. Notify Project Manager of any discrepancies or concerns ..... (OK) NA

Cooler Opened By: CM Date: 8-24-01 Time 1000

Explain any discrepancies or negative responses:

01NE28SD172 PCB JAR TIME ON LABEL = 1130

01NE28SD173 PCB " " " " = 1030

MET " " NO TIME LISTED CJ 8/24/01

Cooler Receipt Form

ANALYTICAL RESOURCES INCORPORATED

ARI Client: Montgomery Watson Project Name: Northeast Cape

COC NO.: ONEC22 Delivered By: Ak Airlines

Tracking NO.: 027 2754 1135 Date: 8-24-01

ARI Job No.: DN39 Lims NO.: 01-14736 - 01-14743

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached To the outside of the cooler? ..... (YES) NO
2. Were custody papers included with the cooler ..... (YES) NO
3. Were custody papers properly filled out (ink, signed etc.)? ..... (YES) NO
4. Complete custody forms and attach all shipping documents ..... (OK) NA

Cooler Accepted BY: Susan Sieyler Date: 8-24-01 Time: 945

Log-IN Phase:

5. Was a temperature blank include in the cooler? ..... (YES) NO
6. Record Cooler Temperature ..... 1.5 °C
7. What kind of packing material was used? ..... Bubble Wrap
8. Was sufficient ice used (if appropriate)? ..... (YES) NO
9. Were all bottles sealed in separate plastic bags? ..... (YES) NO
10. Did all bottles arrive in good condition (unbroken)? ..... (YES) NO
11. Were all bottle labels complete and legible? ..... (YES) NO
12. Did all bottle labels and tags agree with custody papers? ..... (YES) NO
13. Were all bottles used correct for the requested analyses? ..... (YES) NO
14. Do any of the analyses (bottles) require preservative? (If so, Preservation checklist must be attached) ..... (YES) (NO) 8/24/01
15. Were all VOA vials free of air bubbles? ..... YES N/A NO
16. Was sufficient amount of sample sent in each bottle? ..... (YES) NO
17. Notify Project Manager of any discrepancies or concerns ..... OK NA

Cooler Opened By: SF Date: 8/24/01 Time 1000

Explain any discrepancies or negative responses:

Cooler Receipt Form

ANALYTICAL RESOURCES INCORPORATED

ARI Client: Montgomery Watson Project Name: Northeast Cape

COC NO.: 01NEC24 Delivered By: Ak Airlines

Tracking NO.: 027 27541135 Date: 8-24-01

ARI Job No.: DN39 Lims NO.: 01-14730 - 01-14735

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached To the outside of the cooler?	(YES)	NO
2. Were custody papers included with the cooler	(YES)	NO
3. Were custody papers properly filled out (ink, signed etc.)?	(YES)	NO
4. Complete custody forms and attach all shipping documents	(OK)	NA

Cooler Accepted BY: Susan Snyder Date: 8-24-01 Time: 945

Log-IN Phase:

5. Was a temperature blank include in the cooler?	(YES)	NO
6. Record Cooler Temperature	1.5 °C	
7. What kind of packing material was used?	Bubble wrap	
8. Was sufficient ice used (if appropriate)?	(YES)	NO
9. Were all bottles sealed in separate plastic bags?	(YES)	NO
10. Did all bottles arrive in good condition (unbroken)?	(YES)	NO
11. Were all bottle labels complete and legible?	(YES)	NO
12. Did all bottle labels and tags agree with custody papers?	(YES)	NO
13. Were all bottles used correct for the requested analyses?	(YES)	NO
14. Do any of the analyses (bottles) require preservative? (If so, Preservation checklist must be attached) AK102/103	YES	(NO)
15. Were all VOA vials free of air bubbles?	YES	N A NO
16. Was sufficient amount of sample sent in each bottle?	(YES)	NO
17. Notify Project Manager of any discrepancies or concerns	(OK)	NA

Cooler Opened By: SD Date: 8-24-01 Time 1000

Explain any discrepancies or negative responses:

DN 88

Northeast Cape, St. Lawrence Island Alaska. 2001 Chain of Custody

Ø1NEC_64

Montgomery Watson
Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

Sampler's signature: Bonnie McKeon

WATER, COOL to 4 °C

Date 2001	Time	Sample ID	Matrix	Total Containers	DRO/RRO AK102/103 2 X 1L Amber Glass w/HCL	GRO/BTEX AK101/SW8260B 3 X 40- ml vial w/HCL	VOCs SW8260B 3 X 40- ml vial w/HCL	SVOCs SW8270C 2 X 1L Amber Glass	PAHs SW8270C SIM 2 X 1L Amber Glass	PCBs SW8082 2 X 1L Amber Glass	Metals SW6010B/7060A/7131A/7191/ 7421/7471 1x1 L Poly.w/HN03	Alkalinity EPA 310.1 1 x 1 L Poly	Sulfate EPA 300 1 x 1 L Poly	Methane, Ethane, Ethene RSK 175 3 x 40 ml glass vials w/ HCL	COMMENTS
8-27	1700	Ø1NE07WP102	W	6		X✓	X✓								
8-27	1700	Ø1NE07WP202	W	6			X✓								MS/MSD
8-27	1900	Ø1NE00TB118	W	3		X✓	X✓								
8-27	1430	Ø1NEØ7WP103	W	6		X✓	X✓								
8-26	1620	Ø1NEØ7WP101	W	6		X✓	X✓								
8-28	0930	Ø1NE30WP102	W	9		X✓	X✓							X✓	

Please record Temperature Blank only in the space provided

Following receipt of sample, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett At (907) 248-8884

Relinquished by: Bonnie McKeon	Date 8-28-00	Shipped via: Gold Sheech AK AK		Shipping number: 4218 40155	
Company: Montgomery Watson	Time 1800				
Received by:	Date	Relinquished by:	Date	Temperature blank temperature upon arrival:	°C
Company:	Time	Company:	Time	4.0	
Received by:	Date	Relinquished by:	Date	Custody seal #s: 17889 / 17895	
Company:	Time	Company:	Time		

Cooler Receipt Form

ANALYTICAL RESOURCES INCORPORATED

ARI Client: Montgomery Watson Project Name: NECape

COC NO.: 01 NEC 69 Delivered By: AK AIRLINES

Tracking NO.: 027 4218 4015 Date: 8/29/01

ARI Job No.: DN88 Lims NO.: 01-15273

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached To the outside of the cooler? ..... (YES) NO
2. Were custody papers included with the cooler ..... (YES) NO
3. Were custody papers properly filled out (ink, signed etc.)? ..... (YES) NO
4. Complete custody forms and attach all shipping documents ..... (OK) NA

Cooler Accepted BY: AJ Date: 8/29/01 Time: 1355

Log-IN Phase:

5. Was a temperature blank include in the cooler? ..... (YES) NO
6. Record Cooler Temperature ..... 4.0 °C
7. What kind of packing material was used? ..... BUBBLEWRAP
8. Was sufficient ice used (if appropriate)? ..... (YES) NO
9. Were all bottles sealed in separate plastic bags? ..... (YES) NO
10. Did all bottles arrive in good condition (unbroken)? ..... (YES) NO
11. Were all bottle labels complete and legible? ..... (YES) NO
12. Did all bottle labels and tags agree with custody papers? ..... (YES) NO
13. Were all bottles used correct for the requested analyses? ..... (YES) NO
14. Do any of the analyses (bottles) require preservative? (If so, Preservation checklist must be attached) ..... (YES) NO
15. Were all VOA vials free of air bubbles? ..... YES (NO)
16. Was sufficient amount of sample sent in each bottle? ..... (YES) NO
17. Notify Project Manager of any discrepancies or concerns ..... (OK) NA

Cooler Opened By: [signature] Date: 8/29/01 Time 1605

Explain any discrepancies or negative responses:

01NEC00TB1196 - AIR BUBBLES (trip blanks)

DN88

Northeast Cape, St. Lawrence Island Alaska. 2001 Chain of Custody

Ø1NEC'/C

Montgomery Watson
Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

Sampler's signature: Bonnie McRae

Date	Time	Sample ID	Matrix	Total Containers	WATER, COOL to 4 °C: DRO/RRO AK102/103 2 X 1L Amber Glass w/HCL	GRO/BTEX AK101/SW8260B 3 X 40- ml vial w/HCL	VOCs SW8260B 3 X 40- ml vial w/HCL	SVOCs SW8270C 2 X 1L Amber Glass	PAHs SW8270C SIM 2 X 1L Amber Glass	PCBs SW8082 2 X 1L Amber Glass	Metals SW6010B/7060A/7131A/7191/ 7421/7471 1x1 L Poly w/HN03	Alkalinity EPA 310.1 1 x 1 L Poly	Sulfate EPA 300 1 x 1 L Poly	Methane, Ethane, Ethene RSK 175 3 x 40 ml glass vials w/ HCL	COMMENTS
8-28-01	0930	Ø1NE30WP102	GW	7	X				X		X	X	X		
8-27-01	1411	Ø1NE06WP102	GW	2	X										

Please record Temperature Blank only in the space provided

Following receipt of sample, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett At (907) 248-8884

Relinquished by: Bonnie McRae	Date 8-28-01	Shipped via: AK A-Gold Streak		Shipping number: 4218 397	
Company: Montgomery Watson	Time 1400				
Received by: EJoshi	Date 8/29/01	Relinquished by:	Date	Temperature blank temperature upon arrival: 4.0	°C
Company: ARI	Time 1355	Company:	Time		
Received by:	Date	Relinquished by:	Date	Custody seal #s: 17556 & 17555	
Company:	Time	Company:	Time		

Cooler Receipt Form

ANALYTICAL RESOURCES INCORPORATED

ARI Client: Montgomery Watson Project Name: NE Cape

COC NO.: 01NEC70 Delivered By: AK Airlines

Tracking NO.: 027421838971 Date: 8/29/01

ARI Job No.: DN88 Lims NO.: 01-15273-01-15280

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached To the outside of the cooler?	(YES)	NO
2. Were custody papers included with the cooler	(YES)	NO
3. Were custody papers properly filled out (ink, signed etc.)?	(YES)	NO
4. Complete custody forms and attach all shipping documents	(OK)	NA

Cooler Accepted BY: [signature] Date: 8/29/01 Time: 1355

Log-IN Phase:

5. Was a temperature blank include in the cooler?	(YES)	NO
6. Record Cooler Temperature	4.0 °C	
7. What kind of packing material was used?	BUBBLE WRAP	
8. Was sufficient ice used (if appropriate)?	(YES)	NO
9. Were all bottles sealed in separate plastic bags?	(YES)	NO
10. Did all bottles arrive in good condition (unbroken)?	(YES)	NO
11. Were all bottle labels complete and legible?	(YES)	NO
12. Did all bottle labels and tags agree with custody papers?	(YES)	NO
13. Were all bottles used correct for the requested analyses?	(YES)	NO
14. Do any of the analyses (bottles) require preservative? (If so, Preservation checklist must be attached)	(YES)	NO
15. Were all VOA vials free of air bubbles?	(YES)	NO
16. Was sufficient amount of sample sent in each bottle?	(YES)	NO
17. Notify Project Manager of any discrepancies or concerns	(OK)	NA

Cooler Opened By: [signature] Date: 8/29/01 Time 1605

Explain any discrepancies or negative responses:

DN8

Northeast Cape, St. Lawrence Island Alaska. 2001 Chain of Custody

Ø1NEC_'71

Montgomery Watson
Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

Sampler's signature:

WATER, COOL to 4 °C

Date	Time	Sample ID	Matrix	Total Containers	DRO/RRO AK102/103 2 X 1L Amber Glass w/HCL	GRO/BTEX AK101/SW8260B 3 X 40- ml vial w/HCL	VOCs SW8260B 3 X 40- ml vial w/HCL	SVOCs SW8270C 2 X 1L Amber Glass	PAHs SW8270C SIM 2 X 1L Amber Glass	PCBs SW8082 2 X 1L Amber Glass	Metals SW6010B/7060A/7131A/7191/ 7421/7471 1x1 L Poly.w/HNO3	Alkalinity EPA 310.1 1 x 1 L Poly	Sulfate EPA 300 1 x 1 L Poly	Methane, Ethane, Ethene RSK 175 3 x 40 ml glass vials w/ HCL	COMMENTS
8-28-01	1000	Ø1NEØ7W~~78~~BL01	GW	7	X				X	X	X				

Please record Temperature Blank only in the space provided

Following receipt of sample, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett At (907) 248-8884

Relinquished by: Bonnie Mcha Date 8-28-01	Shipped via: Gold Streak AK HL	Shipping number: 4218 4413	
Company: Montgomery Watson Time 1200			
Received by: Joshi Date 8/29/01	Relinquished by: Date	Temperature blank temperature upon arrival: 1.5 °C	
Company: ARI Time 1600	Company: Time		
Received by: Date	Relinquished by: Date	Custody seal #s: 17088 & 17170	
Company: Time	Company: Time		

Cooler Receipt Form

ANALYTICAL RESOURCES INCORPORATED

ARI Client: Montgomery Watson Project Name: NECape

COC NO.: 01NEC71 Delivered By: AK Airlines

Tracking NO.: 027421844B Date: 8/29/01

ARI Job No.: DN98 Lims NO.: 01-15273-01-15280

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached To the outside of the cooler? ..... (YES) NO
2. Were custody papers included with the cooler ..... (YES) NO
3. Were custody papers properly filled out (ink, signed etc.)? ..... (YES) NO
4. Complete custody forms and attach all shipping documents ..... (OK) NA

Cooler Accepted BY: [signature] Date: 8/29/01 Time: 1600

Log-IN Phase:

5. Was a temperature blank include in the cooler? ..... (YES) NO
6. Record Cooler Temperature ..... 1.5 °C
7. What kind of packing material was used? ..... Bubble Wrap
8. Was sufficient ice used (if appropriate)? ..... (YES) NO
9. Were all bottles sealed in separate plastic bags? ..... (YES) NO
10. Did all bottles arrive in good condition (unbroken)? ..... (YES) NO
11. Were all bottle labels complete and legible? ..... (YES) NO
12. Did all bottle labels and tags agree with custody papers? ..... (YES) NO
13. Were all bottles used correct for the requested analyses? ..... (YES) NO
14. Do any of the analyses (bottles) require preservative? (If so, Preservation checklist must be attached) ..... (YES) NO
15. Were all VOA vials free of air bubbles? ..... (YES) NO
16. Was sufficient amount of sample sent in each bottle? ..... (YES) NO
17. Notify Project Manager of any discrepancies or concerns ..... (OK) NA

Cooler Opened By: [signature] Date: 8/29/01 Time 1605

Explain any discrepancies or negative responses:

DN88

Northeast Cape, St. Lawrence Island Alaska. 2001 Chain of Custody

Ø1NEC72

Montgomery Watson
Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder

MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

Sampler's signature: William A. O'Connell

WATER, COOL to 4 °C

Date	Time	Sample ID	Matrix	Total Containers	DRO/RRO AK102/103 2 X 1L Amber Glass w/HCL	GRO/BTEX AK101/SW8260B 3 X 40- ml vial w/HCL	VOCs SW8260B 3 X 40- ml vial w/HCL	SVOCs SW8270C 2 X 1L Amber Glass	PAHs SW8270C SIM 2 X 1L Amber Glass	PCBs SW8082 2 X 1L Amber Glass	Metals SW6010B/7060A/7131A/7191/ 7421/7471 1x1 L Poly w/HN03	Alkalinity EPA 310.1 1 x 1 L Poly	Sulfate EPA 300 1 x 1 L Poly	Methane, Ethane, Ethene RSK 175 3 x 40 ml glass vials w/ HCL	COMMENTS
8-27-01	1430	ØINEØ7WP1Ø3	GW	7	X				X	X	X				

Please record Temperature Blank only in the space provided

Following receipt of sample, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett At (907) 248-8884

Relinquished by: William A. O'Connell	Date 8-28-01	Shipped via: AK. Air. Goldstreak	Shipping number: 4218 4030
Company: Montgomery Watson	Time 1200		
Received by: Joshua	Date 8/29/01	Relinquished by:	Date
Company: ARI	Time 1605	Company:	Time
Received by:	Date	Relinquished by:	Date
Company:	Time	Company:	Time

Temperature blank temperature upon arrival: 2.0 °C

Custody seal #s: 2911 & 17258

Cooler Receipt Form

ANALYTICAL RESOURCES INCORPORATED

ARI Client: Montgomery Watson Project Name: NECape

COC NO.: 01NEC72 Delivered By: AK Airlines

Tracking NO.: 027421854030 Date: 8/29/01

ARI Job No.: DN88 Lims NO.: 01-15273-15280

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached To the outside of the cooler? ..... (YES) NO
2. Were custody papers included with the cooler ..... (YES) NO
3. Were custody papers properly filled out (ink, signed etc.)? ..... (YES) NO
4. Complete custody forms and attach all shipping documents ..... (OK) NA

Cooler Accepted BY: CJ Date: 8/29/01 Time: 1605

Log-IN Phase:

5. Was a temperature blank include in the cooler? ..... (YES) NO
6. Record Cooler Temperature ..... 2.0 °C
7. What kind of packing material was used? ..... BUBBLE WRAP
8. Was sufficient ice used (if appropriate)? ..... (YES) NO
9. Were all bottles sealed in separate plastic bags? ..... (YES) NO
10. Did all bottles arrive in good condition (unbroken)? ..... (YES) NO
11. Were all bottle labels complete and legible? ..... (YES) NO
12. Did all bottle labels and tags agree with custody papers? ..... (YES) NO
13. Were all bottles used correct for the requested analyses? ..... (YES) NO
14. Do any of the analyses (bottles) require preservative? (If so, Preservation checklist must be attached) ..... (YES) NO
15. Were all VOA vials free of air bubbles? ..... (YES) NO
16. Was sufficient amount of sample sent in each bottle? ..... (YES) NO
17. Notify Project Manager of any discrepancies or concerns ..... (OK) NA

Cooler Opened By: [signature] Date: 8/29/01 Time 1600

Explain any discrepancies or negative responses:

DN88

Northeast Cape, St. Lawrence Island Alaska. 2001 Chain of Custody

Ø1NEC_67

Montgomery Watson
Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

Sampler's signature: Bonnie Mhea

2001 Date	Time	Sample ID	Matrix	Total Containers	WATER, COOL to 4 °C											
					DRO/RRO AK102/103 2 X 1L Amber Glass w/HCL	GRO/BTEX AK101/SW8260B 3 X 40- ml vial w/HCL	VOCs SW8260B 3 X 40- ml vial w/HCL	SVOCs SW8270C 2 X 1L Amber Glass	PAHs SW8270C SIM 2 X 1L Amber Glass	PCBs SW8082 2 X 1L Amber Glass	Metals SW6010B/7060A/7131A/7191/ 7421/7471 1x1 L Poly.w/HN03	Alkalinity EPA 310.1 1 x 1 L Poly	Sulfate EPA 300 1 x 1 L Poly	Methane, Ethane, Ethene RSK 175 3 x 40 ml glass vials w/ HCL	COMMENTS
8-27	1750	01NE07WP102	W	7	X✓				X✓	X✓	X✓				
8-27	1700	01NE07WP202	W	2					X✓						

Please record Temperature Blank only in the space provided

Following receipt of sample, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett At (907) 248-8884

Relinquished by: Bonnie Mhea Company: Montgomery Watson	Date 8-28-01 Time 1200	Shipped via: AK AL Gold Streak	Shipping number: 4218 4402
Received by: EJoshi Company: ARI	Date 8/29/01 Time 1355	Relinquished by: Company:	Date Time	Temperature blank temperature upon arrival: 5.0 °C
Received by: Company:	Date Time	Relinquished by: Company:	Date Time	Custody seal #s: 17854 / 17255

Cooler Receipt Form

ANALYTICAL RESOURCES INCORPORATED

ARI Client: Montgomery Watson Project Name: NEC

COC NO.: 01NEC67 Delivered By: AK Airlines

Tracking NO.: 027421844402 Date: 8/29/01

ARI Job No.: DN88 Lims NO.: 01-15273- 01-15280

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached To the outside of the cooler?	(YES)	NO
2. Were custody papers included with the cooler	(YES)	NO
3. Were custody papers properly filled out (ink, signed etc.)?	(YES)	NO
4. Complete custody forms and attach all shipping documents	(OK)	NA

Cooler Accepted BY: CJ Date: 8/29/01 Time: 1315 55

Log-IN Phase:

5. Was a temperature blank include in the cooler?	(YES)	NO
6. Record Cooler Temperature	5.0 °C	
7. What kind of packing material was used?	Bubblewrap/bags	
8. Was sufficient ice used (if appropriate)?	(YES)	NO
9. Were all bottles sealed in separate plastic bags?	(YES)	NO
10. Did all bottles arrive in good condition (unbroken)?	(YES)	NO
11. Were all bottle labels complete and legible?	(YES)	NO
12. Did all bottle labels and tags agree with custody papers?	(YES)	NO
13. Were all bottles used correct for the requested analyses?	(YES)	NO
14. Do any of the analyses (bottles) require preservative? (If so, Preservation checklist must be attached)	(YES)	NO
15. Were all VOA vials free of air bubbles?	(YES)	NO
16. Was sufficient amount of sample sent in each bottle?	(YES)	NO
17. Notify Project Manager of any discrepancies or concerns	(OK)	NA

Cooler Opened By: Jw Branson Date: 8/29/01 Time 1605

Explain any discrepancies or negative responses:

Northeast Cape, St. Lawrence Island Alaska. 2001 Chain of Custody

DNO4

CoolerID/COC#: Ø1NEC 2 10

Montgomery Watson Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround Melissa Markell

Sampler's signature: Douglas Quist Bruchea

Date 2001	Time	Sample ID	Matrix	Total Containers	DRO/RRO AK102/103 1 x 4oz. amber glass jar	BTEX SW 8260B 1 x 2oz. Glass jar w/MeOH	GRO AK101 1 x 2oz. glass jar w/MeOH	VOCs SW8260B 1 x 2oz. glass jar w/MeOH	PAHs SW8270C SIM 1 x 4oz. amber glass jar	PCBs SW8082 1 x 4oz. amber glass jar	Metals SW6010B/7000 Pb Zn Cr 1 x 4oz. amber glass jar	TOC lab method 1 x 4oz. amber glass jar	COMMENTS
8-18	1325	01NE28SD117	SD		X				X	X	X	X	
8-18	1335	01NE28SD118	SD		X				X	X	X	X	
8-18	1340	01NE28SD119	SD		X				X	X	X	X	
8-18	1345	01NE28SD120	SD		X				X	X	X	X	
8-18	1350	01NE28SD121	SD		X				X	X	X	X	
8-18	1355	01NE28SD122	SD		X				X	X	X	X	

Please record Temperature Blank only in the space provided

Following receipt of sample cooler, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett at (907) 248-8884

Relinquished by: Eden M	Date 8-20-01	Shipped via: GO PRI AK Airlines	Shipping number: 2754 1146
Company: Montgomery Watson	Time 1000		
Received by: Susan Snyder	Date 8/21/01	Relinquished by:	Date
Company: ARI Labs	Time 2230	Company:	Time
Received by:	Date	Relinquished by:	Date
Company:	Time	Company:	Time

Temperature blank temperature upon arrival: 2.0°C °C

Custody seal #s: 17949, 17953

Northeast Cape, St. Lawrence Island Alaska. 2001 Chain of Custody

DN04

Cooler ID: 001
Ø1NEC 12

Montgomery Watson
Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

Sampler's signature: Douglas Quist Brenda Melissa Markell

2001 Date	Time	Sample ID	Matrix	Total Containers	SOIL, Cool to 4°C: DRO/RRO AK102/103 1 x 4oz. amber glass jar	BTEX SW 8260B 1 x 2oz. Glass jar w/MeOH	GRO AK101 1 x 2oz. glass jar w/MeOH	VOCs SW8260B 1 x 2oz. glass jar w/MeOH	PAHs SW8270C SIM 1 x 4oz. amber glass jar	PCBs SW8082 1 x 4oz. amber glass jar	Metals SW6010B/7000 Pb Zn Cr 1 x 4oz. amber glass jar	TOC lab method 1 x 4oz. amber glass jar	COMMENTS
8-18	1510	01NE28SD123	SD	5	X ✓				X ✓	X ✓	X ✓	X ✓	
8-18	1520	01NE28SD124	SD	5	X ✓				X ✓	X ✓	X ✓	X ✓	
8-18	1525	01NE28SD125	SD	9	X ✓				X ✓	X ✓	X ✓	X ✓	ms/msd DRO/RRO, PAHs/PCBs, Metals only
8-18	1540	01NE28SD126	SD	5	X ✓				X ✓	X ✓	X ✓	X ✓	
8-18	1545	01NE28SD127	SD	5	X ✓				X ✓	X ✓	X ✓	X ✓	
8-18	1550	01NE28SD128	SD	5	X ✓				X ✓	X ✓	X ✓	X ✓	
8-18	1530	01NE28SD225	SD	4	X ✓				X ✓	X ✓	X ✓		

Please record Temperature Blank only in the space provided

Following receipt of sample cooler, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett at (907) 248-8884

Relinquished by: Eileen Mena	Date 8-20-01	Shipped via: GO PRI AK Airlines	Shipping number: 2754 1146
Company: Montgomery Watson	Time 1080		
Received by: Suzanne Snyder	Date 8/21/01	Relinquished by:	Date
Company: ARI	Time 2210	Company:	Time
Received by:	Date	Relinquished by:	Date
Company:	Time	Company:	Time

Temperature blank temperature upon arrival: 1.0°C °C

Custody seal #s: 17323, 17552

Northeast Cape, St. Lawrence Island Alaska: 2001 Chain of Custody

DN04

Cooler ID/COC#: Ø1NEC_13

Montgomery Watson Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround Melissa Markell

Sampler's signature: Douglas Quist Bruce Lean

Date (2001)	Time	Sample ID	Matrix	Total Containers	SOIL, Cool to 4°C: DRO/RRO AK102/103 1 x 4oz. amber glass jar	BTEX SW 8260B 1 x 2oz. Glass jar w/MeOH	GRO AK101 1 x 2oz. glass jar w/MeOH	VOCs SW8260B 1 x 2oz. glass jar w/MeOH	PAHs SW8270C SIM 1 x 4oz. amber glass jar	PCBs SW8082 1 x 4oz. amber glass jar	Metals SW6010B/7000 Pb Zn Cr 1 x 4oz. amber glass jar	TOC lab method 1 x 4oz. amber glass jar	COMMENTS
8-18	1610	01NE28SD129	SD		X ✓				X ✓	X ✓	X ✓	X ✓	
8-18	1615	01NE28SD130	SD		X ✓				X ✓	X ✓	X ✓	X ✓	
8-18	1620	01NE28SD131	SD		X ✓				X ✓	X ✓	X ✓	X ✓	
8-18	1625	01NE28SD132	SD		X ✓				X ✓	X ✓	X ✓	X ✓	
8-18	1630	01NE28SD133	SD		X ✓				X ✓	X ✓	X ✓	X ✓	
8-18	1635	01NE28SD134	SD		X ✓				X ✓	X ✓	X ✓	X ✓	

Please record Temperature Blank only in the space provided

Following receipt of sample cooler, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett at (907) 248-8884

Relinquished by: Eileen Maas	Date 8-20-01	Shipped via: GO PRI AKAirlines	Shipping number: 2754 1146
Company: Montgomery Watson	Time 1000		
Received by: Susan Snyder	Date 8/21/01	Relinquished by:	Date
Company: ARI	Time 2215	Company:	Time
Received by:	Date	Relinquished by:	Date
Company:	Time	Company:	Time

Temperature blank temperature upon arrival: 2.0°C

Custody seal #s: 3160, 17364

0INEC10

COOLER RECEIPT FORM

Analytical Resources Incorporated

ARI Client: Montgomery Watson Project: Northeast Cape

Delivered by: Fed Ex Tracking No.: 027275411146 Date: 8/21/0

ARI Project No. DN04 LIMS Nos.: 01-14386 01-14404

Preliminary Examination Phase

1.	Were intact, properly signed and dated custody seals attached to the outside of cooler?	Yes	No
2.	Were custody papers included with the cooler?	Yes	No
3.	Were custody papers properly filled out (ink,signed,etc.)?	Yes	No
4.	Complete custody forms and attach all shipping documents	OK	NA

Cooler Accepted by: Susan Kuzzle Date: 8-21-0 Time: 2215

Log-in Phase

5.	Was a temperature blank included in the cooler?	Yes	No
6.	Record Cooler Temperature	2.0	degrees C
7.	What kind of packing material was used?	Bubble wrap	
8.	Was sufficient ice used (if appropriate)?	Yes	No
9.	Were all bottles sealed in seperate plastic bags?	Yes	No
10.	Did all bottles arrive in good condition (unbroken)?	Yes	No
11.	Were all bottle labels complete and legible?	Yes	No
12.	Did all bottle labels and tags agree with custody papers?	Yes	No
13.	Were all bottles used correct for the requested analyses?	Yes	No
14.	Do any of the analyses (bottles) require preservative? (If so, Preservation Verification checklist must be attached.)	Yes	No
15.	Were all VOA vials free of air bubbles?	Yes N A	No
16.	Was sufficient amount of sample sent in each bottle?	Yes	No
17.	Notify Project Manager of any discrepancies or concerns	OK	NA

Cooler Opened by: logged by cw Date: 8/22/0 Time: 900

Explain any discrepancies or negative responses:

01NEC12

COOLER RECEIPT FORM

Resources Incorporated

ARI Client: Montgomery Watson Project: Northeast Cape

Delivered by: ak airlines Tracking No.: 027275411 46 Date: 8/21/01

ARI Project No. DN04 LIMS Nos.: 01-14386 - 01-14404

Preliminary Examination Phase

1.	Were intact, properly signed and dated custody seals attached to the outside of cooler?	(Yes)	No
2.	Were custody papers included with the cooler?	(Yes)	No
3.	Were custody papers properly filled out (ink,signed,etc.)?	(Yes)	No
4.	Complete custody forms and attach all shipping documents	(OK)	NA

Cooler Accepted by: Jeffrey Snyder Date: 8-21-01 Time: 2210

Log-in Phase

5.	Was a temperature blank included in the cooler?	(Yes)	No
6.	Record Cooler Temperature	1.0°C	degrees C
7.	What kind of packing material was used?	Bubble Wrap	
8.	Was sufficient ice used (if appropriate)?	(Yes)	No
9.	Were all bottles sealed in seperate plastic bags?	(Yes)	No
10.	Did all bottles arrive in good condition (unbroken)?	(Yes)	No
11.	Were all bottle labels complete and legible?	(Yes)	No
12.	Did all bottle labels and tags agree with custody papers?	(Yes)	No
13.	Were all bottles used correct for the requested analyses?	(Yes)	No
14.	Do any of the analyses (bottles) require preservative? (If so, Preservation Verification checklist must be attached.)	(Yes)	(No) sp
15.	Were all VOA vials free of air bubbles?	Yes NA	No
16.	Was sufficient amount of sample sent in each bottle?	(Yes)	No
17.	Notify Project Manager of any discrepancies or concerns	OK	NA

Cooler Opened by: Logged Date: 8/22/01 Time: 900

Explain any discrepancies or negative responses:

GINEC12

COOLER RECEIPT FORM

Analytical Resources Incorporated

ARI Client: Montgomery Watson Project: Northeast Cape

Delivered by: Fed Ex Tracking No.: 027275411 46 Date: 8/21/01

ARI Project No. DN04 LIMS Nos.: 01-14386 - 01-14409

Preliminary Examination Phase

1.	Were intact, properly signed and dated custody seals attached to the outside of cooler?	(Yes)	No
2.	Were custody papers included with the cooler?	(Yes)	No
3.	Were custody papers properly filled out (ink,signed,etc.)?	(Yes)	No
4.	Complete custody forms and attach all shipping documents	(OK)	NA

Cooler Accepted by: Theresa Snyder Date: 8-21-01 Time: 2230

Log-in Phase

5.	Was a temperature blank included in the cooler?	(Yes)	No
6.	Record Cooler Temperature	2.0	degrees C
7.	What kind of packing material was used?	Bubble Wrap	
8.	Was sufficient ice used (if appropriate)?	(Yes)	No
9.	Were all bottles sealed in seperate plastic bags?	(Yes)	No
10.	Did all bottles arrive in good condition (unbroken)?	(Yes)	No
11.	Were all bottle labels complete and legible?	(Yes)	No
12.	Did all bottle labels and tags agree with custody papers?	(Yes)	No
13.	Were all bottles used correct for the requested analyses?	(Yes)	No
14.	Do any of the analyses (bottles) require preservative? (If so, Preservation Verification checklist must be attached.)	Yes	(No)
15.	Were all VOA vials free of air bubbles?	Yes NA	No
16.	Was sufficient amount of sample sent in each bottle?	(Yes)	No
17.	Notify Project Manager of any discrepancies or concerns	OK	NA

Cooler Opened by: logged in SX Date: 8/22/01 Time: 900

Explain any discrepancies or negative responses:

PLEASE TYPE

027 | Airport of Departure 2754 1146 | **Subject to Conditions of Contract on the Back of the Airbill** | **INSURANCE AVAILABLE** | 027 2754 1146

SHIPPERS NAME AND ADDRESS
Montgomery Watson Harza
4100 Spenard Road
Anchorage, AK 99517 Site: Northeast Cape

SHIPPERS ACCOUNT NUMBER
2744-006515-1

CONSIGNEE'S NAME AND ADDRESS
ARI
333 Ninth Avenue
North Seattle, WA 98109-5187

CONSIGNEE'S ACCOUNT NUMBER

NOT NEGOTIABLE
AIR WAYBILL
(AIR CONSIGNMENT NOTE)

Alaska Airlines
SEATTLE-TACOMA INTERNATIONAL AIRPORT
SEATTLE, WASHINGTON

Copies 3, 9 and 1 of this Air Waybill are originals and have the same validity.

It is agreed that the goods described herein are accepted for carriage in apparent good order and condition (except as noted) and SUBJECT TO THE CONDITIONS OF CONTRACT ON THE REVERSE HEREOF. THE SHIPPER'S ATTENTION IS DRAWN TO THE NOTICE CONCERNING CARRIER'S LIMITATION OF LIABILITY.

TO EXPEDITE MOVEMENT, SHIPMENT MAY BE DIVERTED TO MOTOR OR OTHER CARRIER AS PER TARIFF RULE UNLESS SHIPPER GIVES OTHER INSTRUCTIONS HEREON.

ISSUING CARRIER'S AGENT NAME AND CITY

ALSO NOTIFY NAME AND ADDRESS *(OPTIONAL ACCOUNTING INFORMATION)*
Call Upon Arrival 206-389-6167
KEEP COOL - DO NOT FREEZE

AGENTS IATA CODE | ACCOUNT NO.

AIRPORT OF DEPARTURE (ADDR OF FIRST CARRIER) AND REQUESTED ROUTING

☐ DOOR-TO-DOOR ☐ DOMESTIC
☒ PRIORITY ☐ INTERNATIONAL

ROUTING AND DESTINATION						CURRENCY	CHGS CODE	WT/VAL		OTHER		DECLARED VALUE FOR CARRIAGE	DECLARED VALUE FOR CUSTOMS
TO	BY FIRST CARRIER	TO	BY	TO	BY			PPD	COLL	PPD	COLL		

AIRPORT OF DESTINATION	FOR CARRIER USE ONLY FLIGHT/DATE	FLIGHT/DATE	AMOUNT OF INSURANCE	INSURANCE - If shipper requests insurance in accordance with conditions on reverse hereof, indicate amount to be insured in figures in box marked amount of insurance.	TC

HANDLING INFORMATION These commodities licensed by US for ultimate destination. Diversion contrary to US law is prohibited.

Refrigerate - Do not freeze

GO-PRI

NO. OF PIECES RCP	GROSS WEIGHT	kg lb	RATE CLASS / COMMODITY ITEM NO.	CHARGEABLE WEIGHT	RATE / CHARGE	TOTAL	NATURE AND QUANTITY OF GOODS (INCL. DIMENSIONS OR VOLUME)

PREPAID / WEIGHT CHARGE / COLLECT
A.

VALUATION CHARGE
D.

TAX
I.

TOTAL OTHER CHARGES DUE AGENT

TOTAL OTHER CHARGES DUE CARRIER

P-UP ZONE	PICKUP CHARGES	ORIGIN ADVANCE CHARGES	DESCRIPTION OF ORIGIN ADVANCE
	B.	K.	
DEL ZONE	DELIVERY CHARGES	DEST. ADVANCE CHARGES	DESCRIPTION OF DEST. ADVANCE
	C.	L	

OTHER CHARGES AND DESCRIPTION
F.

ITEMS PREPAID | ITEMS COLLECT

The shipper certifies that the particulars on the face hereof are correct, agrees to the CONDITIONS ON REVERSE HEREOF, accepts that carrier's liability is limited as stated on the reverse hereof and accepts such value unless a higher value for carriage is declared on the face hereof subject to an additional charge and that insofar as any part of the consignment contains restricted articles, such part is properly described by name and is in proper condition for carriage by air according to applicable national governmental regulations, and for international shipments, the current International Air Transport Association's Restricted Articles Regulations.

G. COD → CURRENCY

TOTAL PREPAID | TOTAL COLLECT

CURRENCY CONVERSION RATES | TOTAL COLLECT IN DESTINATION CURRENCY

SIGNATURE OF SHIPPER OR HIS AGENT ABOVE AND INITIAL APPLICABLE BOX BELOW.

[X] THIS SHIPMENT DOES NOT CONTAIN DANGEROUS GOODS.

[ ] THIS SHIPMENT DOES CONTAIN DANGEROUS GOODS.

EXECUTED ON

(Date) (Time) at (Place) SIGNATURE OF ISSUING CARRIER OR ITS AGENT.

Carrier certifies goods described above were received for carriage subject to the Conditions on reverse hereof, the goods then being in apparent good order and condition except as noted hereon

DN70

Northeast Cape, St. Lawrence Island Alaska. 2001 Chain of Custody

01-15078 ; 01-15089

CoolerID/COC#: ✓
Ø1NEC 53

Montgomery Watson
Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

Sampler's signature: Bonchosa Melissa Markell

2001 Date	Time	Sample ID	Matrix	Total Containers	SOIL, Cool to 4°C: DRO/RRO AK102/103 1 x 4oz. amber glass jar	BTEX SW 8260B SIM 1 x 2oz. Glass jar w/MeOH	GRO AK101 1 x 2oz. glass jar w/MeOH	VOCs SW8260B 1 x 2oz. glass jar w/MeOH	PAHs SW8270C SIM 1 x 4oz. amber glass jar	PCBs SW8082 1 x 4oz. amber glass jar	Metals SW6010B/7000 1 x 4oz. amber glass jar	TOC lab method 1 x 4oz. amber glass jar	COMMENTS
8/24	1130	ØINE21SB170	Soil	2		1 ✓	1 ✓						
8/24	1125	ØINE21SS170	Soil	2		1 ✓	1 ✓						
8/24	0900	ØINE24SD114	SD	2		1 ✓	1 ✓						
8/24	1505	ØINE21SD113	SD	2		1 ✓	1 ✓						
8/24	0905	ØINE24SD214	SD	2		1 ✓	1 ✓						
8/24	1100	ØINE21SB169	Soil	2		1 ✓	1 ✓						
8/24	1020	ØINE21SB171	Soil	2		1 ✓	1 ✓						
8/24	1345	ØINE21SS172	Soil	2		1 ✓	1 ✓						
8/24	1425	ØINE21SD114	SD	2		1 ✓	1 ✓						
8/24	1340	ØINE21SS173	Soil	2		1 ✓	1 ✓						
8/24	0930	ØINE24SD115	SD	2		1 ✓	1 ✓						
8/24	1900	ØINE00TB109	SD	1		1 ✓	1 ✓						

Please record Temperature Blank only in the space provided

Following receipt of sample cooler, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett at (907) 248-8884

Relinquished by: Johanna L. Drecher / Johanna L. Drecher	Date 08-24-01	Shipped via: Goldstreak	Shipping number: 4218 4435
Company: Montgomery Watson	Time 1600		
Received by: Joshua	Date 8/25/01	Relinquished by:	Date
Company: AR1	Time 1310	Company:	Time
Received by:	Date	Relinquished by:	Date
Company:	Time	Company:	Time

Temperature blank temperature upon arrival: 5.0 °C

Custody seal #s: 15, 16

Cooler Receipt Form

ANALYTICAL RESOURCES INCORPORATED

ARI Client: Montgomery Watson Project Name: Northeast Cape

COC NO.: 53 Delivered By: Fed X

Tracking NO.: 027 4218 4435 Date: 8/28/01

ARI Job No.: DN10 Lims NO.: 01-15078 - 01-15089

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached To the outside of the cooler? ..... (YES) NO
2. Were custody papers included with the cooler ..... (YES) NO
3. Were custody papers properly filled out (ink, signed etc.)? ..... (YES) NO
4. Complete custody forms and attach all shipping documents ..... (OK) NA

Cooler Accepted BY: [signature] Date: 8/28/01 Time: 11:00

Log-IN Phase:

5. Was a temperature blank include in the cooler? ..... (YES) NO
6. Record Cooler Temperature ..... 5.0 °C
7. What kind of packing material was used? ..... Bubble Wrap
8. Was sufficient ice used (if appropriate)? ..... (YES) NO
9. Were all bottles sealed in separate plastic bags? ..... (YES) NO
10. Did all bottles arrive in good condition (unbroken)? ..... (YES) NO
11. Were all bottle labels complete and legible? ..... (YES) NO
12. Did all bottle labels and tags agree with custody papers? ..... (YES) NO
13. Were all bottles used correct for the requested analyses? ..... (YES) NO
14. Do any of the analyses (bottles) require preservative? (If so, Preservation checklist must be attached) ..... YES ~~N/A~~ NO
15. Were all VOA vials free of air bubbles? ..... YES N/A NO
16. Was sufficient amount of sample sent in each bottle? ..... (YES) NO
17. Notify Project Manager of any discrepancies or concerns ..... (OK) NA

Cooler Opened By: [signature] Date: 8/28/01 Time 11:00

Explain any discrepancies or negative responses:

GoldStreak Alaska Airlines

www.ALASKAAIR.com
1-800-2ALASKA

P.O. Box 68900
Seattle, WA 98168

Airline 027- | Origin PDX | AIR WAYBILL Number 4218 3853

From Shipper: [illegible]

Address: [illegible] | Phone:

City: [illegible] State: | Zip Code:

I certify that this shipment does not contain any unauthorized explosives, destructive devices or hazardous materials.

Shipper's Signature X [illegible] PRINTED NAME [illegible] Date 8-24-21

Domestic ☒ | International ☐

Insured Value | Declared Value For Customs

Airport of Departure | First Carrier | Airport of Destination

Nature and Quantity of Goods: [illegible]

Handling Information: [illegible]

To Consignee: (Complete Consignee Information required on package)

Address: [illegible] | Phone:

City: State: | Zip Code

Consignee's Printed Name - Signature (Received in Good Order Except as Noted) Time a.m. p.m. Date

Airline 027- | Origin PDX | AIR WAYBILL Number 4218 3853

GoldStreak Alaska Airlines

This is a non-negotiable AIR WAYBILL subject to the terms and conditions set forth on the reverse of shippers copy.

Shipper to complete all shaded areas

Total Pieces: 1 | Total Weight: 11 LB

MULTIPLE PIECES FOR AS FLIGHTS ONLY

Please ✓ If Live Animal ☐

Form of Payment

☐ Cash ☐ Check ☐ GBL—Attach GBL

☒ AS / QX Account Number [illegible]

☐ Credit Card Number

Validata Approval (Required for all except cash and GBL)

CHECK ONE ONLY

☒ AIRPORT TO AIRPORT SERVICE

PICK-UP ONLY ☐ | DELIVERY ONLY ☐ | DOOR TO DOOR ☐

Executed By: Date/Time a.m. p.m.

Carrier	Flight	Destination	E.T.A.
AS	152	ANC	1:35
	[illegible]	[illegible]	[illegible]

Remarks

PCS.	WT. RANGE	RATE	CHARGE
	GSX LETTER		
	1-15		
1	16-50		75.00
	51-70		
	71-100		
	Subtotal Charges		75.00

AS COURIER CHARGES

Other Charges

1st Carrier	
2nd Carrier	
3rd Carrier	
Tax (Offline only)	
Pickup (NON AS COURIER)	
Delivery (NON AS COURIER)	
Special Service	
Insurance	
TOTAL	75.00

Door-To-Door Service: (800) 634-7113

2. Consignee Memo

DN03 01-14376 - 01-14385

Northeast Cape, St. Lawrence Island Alaska. 2001 Chain of Custody

CoolerID/COC#: Ø1NEC 08

Montgomery Watson Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

WATER, COOL to 4 °C

Sampler's signature: Doug Ott Bonchea Melissa Marshall

Date	Time	Sample ID	Matrix	Total Containers	DRO/RRO AK102/103 2 X 1L Amber Glass w/HCL	GRO/BTEX AK101/SW8260B 3 X 40- ml vial w/HCL	VOCs SW8260B 3 X 40- ml vial w/HCL	SVOCs SW8270C 2 X 1L Amber Glass	PAHs SW8270C SIM 2 X 1L Amber Glass	PCBs SW8082 2 X 1L Amber Glass	Metals SW6010B/7060A/7131A/7191/ 7421/7471 1x1 L Poly w/HN03	Alkalinity EPA 310.1 1 x 1 L Poly	Sulfate EPA 300 1 x 1 L Poly	Methane, Ethane, Ethene RSK 175 3 x 40 ml glass vials w/ HCL	COMMENTS
8/18/01	1010	01NE28SW211	SW	4	X✓					X✓					
8/18/01	1710	01NE28SW113	SW	4	X✓					X✓					

Please record Temperature Blank only in the space provided

Following receipt of sample, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett At (907) 248-8884

Relinquished by: Eileen Maus	Date 8-20-01	Shipped via: GO PAI AK Airlines	Shipping number: 2754 1146
Company: Montgomery Watson	Time 1000		
Received by: Susan Hayden	Date 8/20/01	Relinquished by:	Date
Company: ARI	Time 2225	Company:	Time
Received by:	Date	Relinquished by:	Date
Company:	Time	Company:	Time

Temperature blank temperature upon arrival: 2.5°C

Custody seal #s: 17577, 17575

QINEC08

COOLER RECEIPT FORM

Analytical Resources Incorporated

ARI Client: MWHanza Project: NECape

Delivered by: Fed Ex Tracking No.: 027275411 46 Date: 8/21/01

ARI Project No. DN03 LIMS Nos.: 01-14377 - 01-14378

Preliminary Examination Phase

1.	Were intact, properly signed and dated custody seals attached to the outside of cooler?	(Yes)	No
2.	Were custody papers included with the cooler?	(Yes)	No
3.	Were custody papers properly filled out (ink,signed,etc.)?	(Yes)	No
4.	Complete custody forms and attach all shipping documents	(OK)	NA

Cooler Accepted by: Teresa Hayden Date: 8-21-01 Time: 2225

Log-in Phase

5.	Was a temperature blank included in the cooler?	(Yes)	No
6.	Record Cooler Temperature	2.5°C	degrees C
7.	What kind of packing material was used?	Bubble Wrap	
8.	Was sufficient ice used (if appropriate)?	(Yes)	No
9.	Were all bottles sealed in seperate plastic bags?	(Yes)	No
10.	Did all bottles arrive in good condition (unbroken)?	(Yes)	No
11.	Were all bottle labels complete and legible?	(Yes)	No
12.	Did all bottle labels and tags agree with custody papers?	(Yes)	No
13.	Were all bottles used correct for the requested analyses?	(Yes)	No
14.	Do any of the analyses (bottles) require preservative? (If so, Preservation Verification checklist must be attached.)	Yes	No
15.	Were all VOA vials free of air bubbles?	(Yes)	No
16.	Was sufficient amount of sample sent in each bottle?	Yes	No
17.	Notify Project Manager of any discrepancies or concerns	OK	NA

Cooler Opened by: Edward Thomas Date: 8/21/01 Time: 2225

Explain any discrepancies or negative responses:

LNC3

Northeast Cape, St. Lawrence Island Alaska. 2001 Chain of Custody

CoolerID/COC#: Ø1NEC 04

Montgomery Watson Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

Sampler's signature: Douglas Quist Ronchon Melissa Markell

WATER, COOL to 4 °C

Date	Time	Sample ID	Matrix	Total Containers	DRO/RRO AK102/103 2 X 1L Amber Glass w/HCL	GRO/BTEX AK101/SW8260B 3 X 40- ml vial w/HCL	VOCs SW8260B 3 X 40- ml vial w/HCL	SVOCs SW8270C 2 X 1L Amber Glass	PAHs SW8270C SIM 2 X 1L Amber Glass	PCBs SW8082 2 X 1L Amber Glass	Metals SW6010B/7060A/7131A/7191/ 7421/7471 1x1 L Poly.w/HN03	Alkalinity EPA 310.1 1 x 1 L Poly	Sulfate EPA 300 1 x 1 L Poly	Methane, Ethane, Ethene RSK 175 3 x 40 ml glass vials w/ HCL	COMMENTS
8/18/01	1002	01NE28SW111	SW	8	X ✓					X ✓					MS/MSD

Please record Temperature Blank only in the space provided

Following receipt of sample, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett At (907) 248-8884

Relinquished by: Eileen Maus	Date 8-20-01	Shipped via: GO PRI AK Airlines	Shipping number: 2754 1146	
Company: Montgomery Watson	Time 1000			
Received by: Jayson Ryde	Date 8/21/01	Relinquished by:	Date	Temperature blank temperature upon arrival: °C
Company: PAI	Time 2200	Company:	Time	1.5°C
Received by:	Date	Relinquished by:	Date	Custody seal #s:
Company:	Time	Company:	Time	17255, 17523

9 INEC04

COOLER RECEIPT FORM

Resources Incorporated

ARI Client: Montgomery Watson Project: Northeast Cape

Delivered by: ak Airlines Tracking No.: 272754 1146 Date: 8/21/01

ARI Project No. DN03 LIMS Nos.: 01-14379

Preliminary Examination Phase

1.	Were intact, properly signed and dated custody seals attached to the outside of cooler?	(Yes)	No
2.	Were custody papers included with the cooler?	(Yes)	No
3.	Were custody papers properly filled out (ink,signed,etc.)?	(Yes)	No
4.	Complete custody forms and attach all shipping documents	(OK)	NA

Cooler Accepted by: Jessica Snyder Date: 8-21-01 Time: 2200

Log-in Phase

5.	Was a temperature blank included in the cooler?	(Yes)	No
6.	Record Cooler Temperature	1.5°C	degrees C
7.	What kind of packing material was used?	Bubble Wrap	
8.	Was sufficient ice used (if appropriate)?	(Yes)	No
9.	Were all bottles sealed in seperate plastic bags?	(Yes)	No
10.	Did all bottles arrive in good condition (unbroken)?	(Yes)	No
11.	Were all bottle labels complete and legible?	(Yes)	No
12.	Did all bottle labels and tags agree with custody papers?	(Yes)	No
13.	Were all bottles used correct for the requested analyses?	(Yes)	No
14.	Do any of the analyses (bottles) require preservative? (If so, Preservation Verification checklist must be attached.)	Yes	No
15.	Were all VOA vials free of air bubbles?	(Yes)	No
16.	Was sufficient amount of sample sent in each bottle?	Yes	No
17.	Notify Project Manager of any discrepancies or concerns	(OK)	NA

Cooler Opened by: Deborah Stevens Date: 8/21/01 Time: 22:25

Explain any discrepancies or negative responses:

DNB

Northeast Cape, St. Lawrence Island Alaska. 2001 Chain of Custody

CoolerID/COC#: Ø1NEC20

Montgomery Watson
Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround Melissa Markell

Sampler's signature: Douglas Quist Bonnicksen

WATER, COOL to 4 °C

Date	Time	Sample ID	Matrix	Total Containers	DRO/RRO AK102/103 2 X 1L Amber Glass w/HCL	GRO/BTEX AK101/SW8260B 3 X 40- ml vial w/HCL	VOCs SW8260B 3 X 40- ml vial w/HCL	SVOCs SW8270C 2 X 1L Amber Glass	PAHs SW8270C SIM 2 X 1L Amber Glass	PCBs SW8082 2 X 1L Amber Glass	Metals SW6010B/7060A/7131A/7191/ 7421/7471 1x1 L Poly.w/HN03	Alkalinity EPA 310.1 1 x 1 L Poly	Sulfate EPA 300 1 x 1 L Poly	Methane, Ethane, Ethene RSK 175 3 x 40 ml glass vials w/ HCL	COMMENTS
8-19-01	1420	01NE28SW115	SW	4	X					X					

Please record Temperature Blank only in the space provided

Following receipt of sample, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett At (907) 248-8884

Relinquished by: Eileen Mares	Date 8-20-01	Shipped via: GO PRI AK Airlines	Shipping number: 2754 1146
Company: Montgomery Watson	Time 1000		
Received by: Susan Snyder	Date 8/21/01	Relinquished by:	Date
Company: PARI	Time 2205	Company:	Time
Received by:	Date	Relinquished by:	Date
Company:	Time	Company:	Time

Temperature blank temperature upon arrival: 0.5°C °C

Custody seal #s: 17522, 17988

Ø INEC20

COOLER RECEIPT FORM

Resources Incorporated

ARI Client: Montgomery Watson Project: Northeast Cape

Delivered by: ak Airlines Tracking No.: 272754 1146 Date: 8/21/01

ARI Project No. DN03 LIMS Nos.: 01-14376

Preliminary Examination Phase

1.	Were intact, properly signed and dated custody seals attached to the outside of cooler?	(Yes)	No
2.	Were custody papers included with the cooler?	(Yes)	No
3.	Were custody papers properly filled out (ink,signed,etc.)?	(Yes)	No
4.	Complete custody forms and attach all shipping documents	(OK)	NA

Cooler Accepted by: Susan Snyder Date: 8-21-01 Time: 2205

Log-in Phase

5.	Was a temperature blank included in the cooler?	(Yes)	No
6.	Record Cooler Temperature	0.5	degrees C
7.	What kind of packing material was used?	Bubble Wrap	
8.	Was sufficient ice used (if appropriate)?	(Yes)	No
9.	Were all bottles sealed in seperate plastic bags?	(Yes)	No
10.	Did all bottles arrive in good condition (unbroken)?	(Yes)	No
11.	Were all bottle labels complete and legible?	(Yes)	No
12.	Did all bottle labels and tags agree with custody papers?	(Yes)	No
13.	Were all bottles used correct for the requested analyses?	(Yes)	No
14.	Do any of the analyses (bottles) require preservative? (If so, Preservation Verification checklist must be attached.)	Yes	(No)
15.	Were all VOA vials free of air bubbles?	(Yes)	No
16.	Was sufficient amount of sample sent in each bottle?	Yes	No
17.	Notify Project Manager of any discrepancies or concerns	(OK)	NA

Cooler Opened by: [signature] Date: 8/21/01 Time: 22:25

Explain any discrepancies or negative responses:

DN03

Northeast Cape, St. Lawrence Island Alaska. 2001 Chain of Custody

CoolerID/COC#: Ø1NEC_11

Montgomery Watson
Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

Sampler's signature: Douglas Quist Bonnie Melissa Markel

Date	Time	Sample ID	Matrix	Total Containers	DRO/RRO AK102/103 2 X 1L Amber Glass w/HCL	GRO/BTEX AK101/SW8260B 3 X 40- ml vial w/HCL	VOCs SW8260B 3 X 40- ml vial w/HCL	SVOCs SW8270C 2 X 1L Amber Glass	PAHs SW8270C SIM 2 X 1L Amber Glass	PCBs SW8082 2 X 1L Amber Glass	Metals SW6010B/7060A/7131A/7191/ 7421/7471 1x1 L Poly.w/HN03	Alkalinity EPA 310.1 1 x 1 L Poly	Sulfate EPA 300 1 x 1 L Poly	Methane, Ethane, Ethene RSK 175 3 x 40 ml glass vials w/ HCL	COMMENTS
8/18/01	1455	01NE28SW112	SW	4	X					X					
8/19/01	1415	01NE28SW114	SW	4	X					X					

WATER, COOL to 4 °C

Please record Temperature Blank only in the space provided

Following receipt of sample, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett At (907) 248-8884

Relinquished by: Eileen Maus	Date 8-20-01	Shipped via: GO PRI AK Airlines	Shipping number: 2754 1146
Company: Montgomery Watson	Time 1000		
Received by: Susan Floyd	Date 8/21/01	Relinquished by:	Date
Company: AK1	Time 9:50 pm	Company:	Time
Received by:	Date	Relinquished by:	Date
Company:	Time	Company:	Time

Temperature blank temperature upon arrival: °C

Custody seal #s: 17987, 17295

Ø INEC11

COOLER RECEIPT FORM

Resources Incorporated

ARI Client: Montgomery Watson Project: Northeast Cape

Delivered by: ak Airlines Tracking No.: Q272754 1146 Date: 8/21/01

ARI Project No. DN03 LIMS Nos.: 01-14380, 01-14381

Preliminary Examination Phase

1.	Were intact, properly signed and dated custody seals attached to the outside of cooler?	(Yes)	No
2.	Were custody papers included with the cooler?	(Yes)	No
3.	Were custody papers properly filled out (ink,signed,etc.)?	(Yes)	No
4.	Complete custody forms and attach all shipping documents	(OK)	NA

Cooler Accepted by: Jessica Pryde Date: 8/20/01 Time: 9:45

Log-in Phase

5.	Was a temperature blank included in the cooler?	(Yes)	No
6.	Record Cooler Temperature	1.5	degrees C
7.	What kind of packing material was used?	Bubble Wrap	
8.	Was sufficient ice used (if appropriate)?	(Yes)	No
9.	Were all bottles sealed in seperate plastic bags?	(Yes)	No
10.	Did all bottles arrive in good condition (unbroken)?	(Yes)	No
11.	Were all bottle labels complete and legible?	(Yes)	No
12.	Did all bottle labels and tags agree with custody papers?	(Yes)	No
13.	Were all bottles used correct for the requested analyses?	(Yes)	No
14.	Do any of the analyses (bottles) require preservative? (If so, Preservation Verification checklist must be attached.)	Yes	No
15.	Were all VOA vials free of air bubbles?	(Yes)	No
16.	Was sufficient amount of sample sent in each bottle?	Yes	No
17.	Notify Project Manager of any discrepancies or concerns	(OK)	NA

Cooler Opened by: [signature] Date: 8/21/01 Time: 22:25

Explain any discrepancies or negative responses:

DN03

Northeast Cape, St. Lawrence Island Alaska. 2001 Chain of Custody

CoolerID/COC#: Ø1NEC 15

Montgomery Watson Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

WATER, COOL to 4 °C

Sampler's signature: Douglas Quist Brucha Melissa Markell

Date 2001	Time	Sample ID	Matrix	Total Containers	DRO/RRO AK102/103 2 X 1L Amber Glass w/HCL	GRO/BTEX AK101/SW8260B 3 X 40- ml vial w/HCL	VOCs SW8260B 3 X 40- ml vial w/HCL	SVOCs SW8270C 2 X 1L Amber Glass	PAHs SW8270C SIM 2 X 1L Amber Glass	PCBs SW8082 2 X 1L Amber Glass	Metals SW6010B/7060A/7131A/7191/ 7421/7471 1x1 L Poly.w/HN03 T4L	Alkalinity EPA 310.1 1 x 1 L Poly	Sulfate EPA 300 1 x 1 L Poly	Methane, Ethane, Ethene RSK 175 3 x 40 ml glass vials w/ HCL	COMMENTS
8-19	1330	CINE07SW104	SW	7	X				X	X	X				

Please record Temperature Blank only in the space provided

Following receipt of sample, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett At (907) 248-8884

Relinquished by: Tiffany Mans	Date 8-20-01	Shipped via: GO PRT AK Airlines	Shipping number: 2754 1146
Company: Montgomery Watson	Time 1000		
Received by: Susan Hunzeker	Date 8/21/01	Relinquished by:	Date
Company: ARI	Time 2220	Company:	Time
Received by:	Date	Relinquished by:	Date
Company:	Time	Company:	Time

Temperature blank temperature upon arrival: 2.0 °C

Custody seal #s: 17576, 17571

QINEC15

COOLER RECEIPT FORM

Resources Incorporated

ARI Client: Montgomery Watson Project: Northeast Cape

Delivered by: ak Airlines Tracking No.: CQ72754 1146 Date: 8/21/01

ARI Project No. DN03 LIMS Nos.: 01-14382

Preliminary Examination Phase

1.	Were intact, properly signed and dated custody seals attached to the outside of cooler?	(Yes)	No
2.	Were custody papers included with the cooler?	(Yes)	No
3.	Were custody papers properly filled out (ink,signed,etc.)?	(Yes)	No
4.	Complete custody forms and attach all shipping documents	(OK)	NA

Cooler Accepted by: Susan Snyder Date: 8/21/01 Time: 2220

Log-In Phase

5.	Was a temperature blank included in the cooler?	(Yes)	No
6.	Record Cooler Temperature	2.0	degrees C
7.	What kind of packing material was used?	Bubble wrap	
8.	Was sufficient ice used (if appropriate)?	(Yes)	No
9.	Were all bottles sealed in seperate plastic bags?	(Yes)	No
10.	Did all bottles arrive in good condition (unbroken)?	(Yes)	No
11.	Were all bottle labels complete and legible?	(Yes)	No
12.	Did all bottle labels and tags agree with custody papers?	(Yes)	No
13.	Were all bottles used correct for the requested analyses?	(Yes)	No
14.	Do any of the analyses (bottles) require preservative? (If so, Preservation Verification checklist must be attached.)	Yes	(No)
15.	Were all VOA vials free of air bubbles?	(Yes)	No
16.	Was sufficient amount of sample sent in each bottle?	Yes	No
17.	Notify Project Manager of any discrepancies or concerns	(OK)	NA

Cooler Opened by: [signature] Date: 8/21/01 Time: 22:25

Explain any discrepancies or negative responses:

DNG3

Northeast Cape, St. Lawrence Island Alaska. 2001 Chain of Custody

CoolerID/COC#: Ø1NEC 16

Montgomery Watson
Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

WATER, COOL to 4 °C

Sampler's signature: Douglas Quist Bruchea Melissa Marbell

Date (2001)	Time	Sample ID	Matrix	Total Containers	DRO/RRO AK102/103 2 X 1L Amber Glass w/HCL	GRO/BTEX AK101/SW8260B 3 X 40- ml vial w/HCL	VOCs SW8260B 3 X 40- ml vial w/HCL	SVOCs SW8270C 2 X 1L Amber Glass	PAHs SW8270C SIM 2 X 1L Amber Glass	PCBs SW8082 2 X 1L Amber Glass	Metals SW6010B/7060A/7131A/7191/ 7421/7471 1x1 L Poly.w/HNO3 T4	Alkalinity EPA 310.1 1 x 1 L Poly	Sulfate EPA 300 1 x 1 L Poly	Methane, Ethane, Ethene RSK 175 3 x 40 ml glass vials w/ HCL	COMMENTS
8-19	1330	01NE07SW104	SW	6		X ✓	X ✓								
8-19	1500	01NE07SW105	SW	13	X ✓	X ✓	X ✓		X ✓	X ✓	X ✓				
8-19	1500	01NE00TB102	SW	3		X ✓	X ✓								

Please record Temperature Blank only in the space provided

Following receipt of sample, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett At (907) 248-8884

Relinquished by: Eileen Mac Eileen mac	Date 8-20-01	Shipped via: GO PRT AK airlines	Shipping number: 2754 1146
Company: Montgomery Watson	Time 1000		
Received by: Susan Snyder	Date 8-21-01	Relinquished by:	Date
Company: ARI	Time 2223	Company:	Time
Received by:	Date	Relinquished by:	Date
Company:	Time	Company:	Time

Temperature blank temperature upon arrival: 1.0 °C

Custody seal #s: 17911, 17399

COOLER RECEIPT FORM

Analytical Resources Incorporated

ARI Client: Montgomery Watson Project: Northeast Cape

Delivered by: Fed Ex Tracking No.: 027275411 46 Date: 8/24/01

ARI Project No. DN03 LIMS Nos.:

Preliminary Examination Phase

1.	Were intact, properly signed and dated custody seals attached to the outside of cooler?	(Yes)	No
2.	Were custody papers included with the cooler?	(Yes)	No
3.	Were custody papers properly filled out (ink,signed,etc.)?	(Yes)	No
4.	Complete custody forms and attach all shipping documents	(OK)	NA

Cooler Accepted by: Susan Snyder Date: 8-21-01 Time: 2223

Log-in Phase

5.	Was a temperature blank included in the cooler?	(Yes)	No
6.	Record Cooler Temperature	1.0	degrees C
7.	What kind of packing material was used?	Bubble Wrap	
8.	Was sufficient ice used (if appropriate)?	(Yes)	No
9.	Were all bottles sealed in seperate plastic bags?	(Yes)	No
10.	Did all bottles arrive in good condition (unbroken)?	(Yes)	No
11.	Were all bottle labels complete and legible?	(Yes)	No
12.	Did all bottle labels and tags agree with custody papers?	(Yes)	No
13.	Were all bottles used correct for the requested analyses?	(Yes)	No
14.	Do any of the analyses (bottles) require preservative? (If so, Preservation Verification checklist must be attached.)	Yes	No
15.	Were all VOA vials free of air bubbles?	(Yes)	No
16.	Was sufficient amount of sample sent in each bottle?	Yes	No
17.	Notify Project Manager of any discrepancies or concerns	(OK)	NA

Cooler Opened by: [illegible] Date: 8/21/01 Time: 22:25

Explain any discrepancies or negative responses:

Departure

SHIPPER'S NAME AND STREET ADDRESS

MONTGOMERY WATSON
4100 SPENARD RD
ANCHORAGE AK 995
USA

SHIPPER'S ACCOUNT NUMBER

NOT NEGOTIABLE

AIR WAYBILL

(AIR CONSIGNMENT NOTE)

Air Cargo
Alaska Airlines
1-800-225-2752
P.O. BOX 68900
SEATTLE, WASHINGTON 98168 U.S.A.

CONSIGNEE'S NAME AND STREET ADDRESS

CONSIGNEE'S ACCOUNT NUMBER

If the carriage involves an ultimate destination or stop in a country other than the country of departure, the Warsaw Convention may be applicable and the Convention governs and in most cases limits the liability of carriers in respect of loss of or damage to cargo. The agreed stopping places (which may be altered by Carrier in case of necessity) are those places, except the place of departure and the place of destination, set forth on the face hereof or shown in Carriers' timetables as scheduled stopping places for the route. Address of first carrier is the airport of departure. SEE CONDITIONS ON REVERSE HEREOF.

Received in good condition at _____ (LOCATION) on _____ Date/Time

Please print your name _____

Signature _____

ISSUING CARRIER'S AGENT NAME AND CITY

ACCOUNTING INFORMATION (OPTIONAL - ALSO NOTIFY NAME AND ADDRESS)

AGENTS IATA CODE

ACCOUNT NO.

AIRPORT OF DEPARTURE (ADDR OF FIRST CARRIER) AND REQUESTED ROUTING

ROUTING AND DESTINATION

TO	BY FIRST CARRIER	TO	BY	TO	BY
ANC				SEA	AS

CURRENCY	CHGE CODE	WT / VAL PPD	WT / VAL COLL	OTHER PPD	OTHER COLL	DECLARED VALUE FOR CARRIAGE	DECLARED VALUE FOR CUSTOMS
	PA						NVD

AIRPORT OF DESTINATION	FLIGHT / DATE (for Carrier use only)	FLIGHT / DATE	AMOUNT OF INSURANCE
SEA	AS0153/20		

HANDLING INFORMATION These commodities licensed by U.S. for ultimate destination. Diversion contrary to U.S. law is prohibited.

NO. of PIECES RCP	GROSS WEIGHT	kg lb	RATE CLASS / COMMODITY ITEM NO.	CHARGEABLE WEIGHT	RATE / CHARGE	TOTAL	NATURE AND QUANTITY OF GOODS (INCL. DIMENSIONS OR VOLUME)
			A				SAMPLES MED AND SOIL

PREPAID	WEIGHT CHARGE	COLLECT	P - UP ZONE	PICKUP CHARGES	ORIGIN ADVANCE CHARGES	DESCRIPTION OF ORIGIN ADVANCE	ITEMS PREPAID
A.				B.	K.		
VALUATION CHARGE			DEL. ZONE	DELIVERY CHARGES	DEST. ADVANCE CHARGES	DESCRIPTION OF DEST. ADVANCE	ITEMS COLLECT
D.				C.	L.		
TAX				OTHER CHARGES AND DESCRIPTION			
I.				F.			

TOTAL OTHER CHARGES DUE AGENT

TOTAL OTHER CHARGES DUE CARRIER

C.O.D. CURRENCY

TOTAL PREPAID | TOTAL COLLECT

CURRENCY CONVERSION RATES | TOTAL COLLECT IN DESTINATION CURRENCY

FOR CARRIERS USE ONLY AT DESTINATION (ALL COLLECT CHARGES IN DESTINATION CURRENCY)

CHARGES AT DESTINATION

TOTAL COLLECT CHARGES

OTHER CHARGES AND CHARGE CODES

AC - ANIMAL CONTAINER	CX - DESTINATION COLLECT CREDIT OR THIRD PARTY	PU - PICK UP
AS - ASSEMBLY SERVICE FEE	DA - DESTINATION ADVANCE	PX - PREPAID CREDIT
AT - ATTENDANT	DB - DISBURSEMENT FEE	RA - DANGEROUS GOODS SURCHARGE
AW - AIR WAYBILL FEE	DF - DISTRIBUTION SERVICE FEE	RF - REMIT FOLLOWING COLLECTION FEE
BL - BLACKLIST CERTIFICATE	DL - DELIVERY	SD - SURFACE CHARGE - DESTINATION
BR - BANK RELEASE	FC - COLLECT CHARGES FEE	SI - STOP IN TRANSIT
CA - PART PREPAID CASH, PART COLLECT CREDIT	GT - GOVERNMENT TAX	SO - STORAGE - ORIGIN
CB - PART PREPAID CREDIT, PART COLLECT CREDIT	HR - HUMAN REMAINS	SP - SEPARATE EARLY RELEASE
CC - ALL CHARGES COLLECT	IN - INSURANCE PREMIUM	SR - STORAGE - DESTINATION
CD - CLEARANCE AND HANDLING DESTINATION	LA - LIVE ANIMALS	SS - SIGNATURE SERVICE
CE - CONTAINER PURCHASE	MD - MISCELLANEOUS - DUE LAST CARRIER	ST - STATE SALES TAX
CF - C.O.D. FEE	PC - PART PREPAID CASH, PART COLLECT CASH	SU - SURFACE CHARGES
CG - ALL CHARGES COLLECT G.B.L.	PD - PART PREPAID CREDIT, PART COLLECT CASH	TR - TRANSIT
CH - CLEARANCE AND HANDLING ORIGIN	PG - PREPAID G.B.L. AND/OR G.T.R.	TX - TAXES
CP - DESTINATION COLLECT CASH	PK - PACKAGING	UH - ULD HANDLING
CT - CASKET AIRTRAY PURCHASE	PP - PREPAID CASH	VS - EXTRAORDINARY VALUE

PRINTED IN U.S.A. FORM AC-17-A-68 REV. 8/96

CoolerID/COC#:
Ø1NECØ1

DK21

Montgomery Watson
Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Eileen Maus

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187

(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder

MW Job Number:
1850574.260120
NPDL # 01-065

Sampler's signature: Bonnie McLean

Date 2001	Time	Sample ID	Matrix	Total Containers	DRO/RRO AK102/103 2 X 1L Amber Glass w/HCL	GRO AK101 3 X 40- ml vial	BTEX SW 8260B 3 X 40-mL vials	Total Mn,Fe SW6020 1 X 1- L Poly w/ HNO3	Alkalinity, Sulfate, Chloride, pH EPA 310.1/EPA 300/EPA 150.1 2 X 1-L Poly	Sulfite EPA 300 1 X 1 L Poly w/ZnOAC	NO2/NO3 as Nitrogen EPA 353.1 1 X 1L Poly w/H2SO4	Dissolved Mn,Fe SW6020 1 X 125 ml Poly w/ HNO3	Nitrogen as Ammonia TKN,COD EPA 350 1 X 1L Poly w/H2SO4	COMMENTS
7-24	1100	ØINE35GWIØ2	GW	15	X	X	X	X	X	X	X	X	X	~~MS/MSD~~ BOL
7-24	1100	ØINE35TBIØI	GW	3		X	X							

Please record temperature blank only in the space provided.

Following receipt of sample cooler, please fax CoC and Lab cooler check-in form within 24 hours to Sandra Kimbrell at (907) 353-7070 and Eileen Maus At (907) 248-8884

Relinquished by: Bonnie McLean	Date 7/24/01	Shipped via: Ak. Air Goldstreak	1720 4445	Shipping number: 1720 4445	
Company: Montgomery Watson	Time 1400				
Received by:	Date 07/25/01	Relinquished by:	Date	Cooler temperature upon arrival: 2 °C	
Company: ARI	Time 15:30	Company:	Time		
Received by:	Date	Relinquished by:	Date	Custody seal #s: 17458 17208	
Company:	Time	Company:	Time		

000004

Copy - See Bx1

CoolerID/COC#: ØINECØ4

Montgomery Watson
Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Eileen Maus

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187

(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder

MW Job Number:
1850574.260120
NPDL # 01-065

Sampler's signature: William A. O'Connell Bonnie McLean

Date	Time	Sample ID	Matrix	Total Containers	WATER: DRO/RRO AK102/103 2 X 1L Amber Glass w/HCL	GRO AK101 3 X 40- ml vial	BTEX SW 8260B 3 X 40-mL vials	Total Mn,Fe SW6020 1 X 1- L Poly w/ HNO3	Alkalinity, Sulfate, Chloride, pH EPA 310.1/EPA 300/EPA 150.1 2 X 1-L Poly	Sulfite EPA 300 1 X 1 L Poly w/ZnOAC	NO2/NO3 as Nitrogen EPA 353.1 1 X 1L Poly w/H2SO4	Dissolved Mn,Fe SW6020 1 X 125 500 ml Poly w/ HNO3	Nitrogen as Ammonia TKN,COD EPA 350 1 X 1L Poly w/H2SO4	COMMENTS
7-25	1000	ØINE35GW101	GW	23	x vv	x v	x v	x v	x v	x v	x v	x v	x	MS/MSD
7-25	1015	ØINE35GW201	GW	8	x v	x v	x v							
7-25	1215	ØINE35TB102	GW	4		x v	x v							
7-25	1700	ØINE35GW103	GW	15	x vv	x v	x v	x v	x v	x v	x v	x v	x	
7-26	0900	ØINE35GW104	GW	15	x vv	x v	x v	x v	x v	x v	x v	x v	x	

LAST Sample for July 2001

Please record temperature blank only in the space provided.

Following receipt of sample cooler, please fax CoC and Lab cooler check-in form within 24 hours to Sandra Kimbrell at (907) 353-7070 and Eileen Maus At (907) 248-8884

Relinquished by: William A. O'Connell Bonnie McLean	Date 7/26/01	Shipped via: Ak. Airlines Goldstreak		Shipping number: 1720 4423	
Company: Montgomery Watson	Time 1500				
Received by: Susan Snyder	Date 7/27/01	Relinquished by:	Date	Cooler temperature upon arrival: 2.0	°C
Company: CARI	Time 12:00pm	Company:	Time		
Received by:	Date	Relinquished by:	Date	Custody seal #s:	
Company:	Time	Company:	Time	Bx1 17595 / 17593	
				Bx2 17817 / 17819	
				Bx3 17812 / 17811	
				Bx4 17814 / 17958	

500000

COOLER RECEIPT FORM

Analytical Resources Incorporated

ARI Client: Montgomery Watson Project: 1850574.260120

Delivered by: P/U from Goldsheal Tracking No.: 027-ANC-1720-4445 Date: 07/25/01

ARI Project No. DKZ4 LIMS Nos.: 01-12541-12543

Preliminary Examination Phase

1.	Were intact, properly signed and dated custody seals attached to the outside of cooler? **N/A ST. 1720	(Yes)	No
2.	Were custody papers included with the cooler?	(Yes)	No
3.	Were custody papers properly filled out (ink,signed,etc.)?	(Yes)	No
4.	Complete custody forms and attach all shipping documents	OK	NA

Cooler Accepted by: [signature] Date: 07/25/01 Time: 15:30

Log-In Phase

5.	Was a temperature blank included in the cooler?	(Yes)	No
6.	Record Cooler Temperature	2 degrees C	
7.	What kind of packing material was used?	Bubble wrap, BW bags, plastic bags	
8.	Was sufficient ice used (if appropriate)?	(Yes)	No
9.	Were all bottles sealed in seperate plastic bags?	Yes	(No) **
10.	Did all bottles arrive in good condition (unbroken)?	(Yes)	No
11.	Were all bottle labels complete and legible?	(Yes)	No
12.	Did all bottle labels and tags agree with custody papers?	(Yes)	No
13.	Were all bottles used correct for the requested analyses?	(Yes)	No
14.	Do any of the analyses (bottles) require preservative? (If so, Preservation Verification checklist must be attached.)	(Yes)	No
15.	Were all VOA vials free of air bubbles? 3 VOAs (5 small) P. Bubbles	Yes	(No)
16.	Was sufficient amount of sample sent in each bottle?	(Yes)	No
17.	Notify Project Manager of any discrepancies or concerns	(OK)	NA

Cooler Opened by: [signature] Date: 07/25/01 Time: 15:46

Explain any discrepancies or negative responses:

The trip blank VOAs (3) has less than 1mm air bubbles - ok per method Criteria & ARI SOP's.

** Samples were individually wrapped in Bubble Wrap/bags and plastic bags). SMS 7/26/01 @ 3pm

COOLER RECEIPT FORM

Analytical Resources Incorporated

ARI Client: Montgomery Watson Project: NECape (ØINECØ4) 3of4

Delivered by: Ok Edelstein Tracking No.: 1120 4423 Date: 7-27-01

ARI Project No. _____ LIMS Nos.: _____

Preliminary Examination Phase

1.	Were intact, properly signed and dated custody seals attached to the outside of cooler?	(Yes)	No
2.	Were custody papers included with the cooler?	(Yes)	No
3.	Were custody papers properly filled out (ink,signed,etc.)?	(Yes)	No
4.	Complete custody forms and attach all shipping documents	(OK)	NA

Cooler Accepted by: Susan Poynter Date: 7/27/01 Time: 2:15pm

Log-In Phase

5.	Was a temperature blank included in the cooler?	(Yes)	No
6.	Record Cooler Temperature	2.0	degrees C
7.	What kind of packing material was used?	Bubble Wrap & bags	
8.	Was sufficient ice used (if appropriate)?	(Yes)	No
9.	Were all bottles sealed in seperate plastic bags?	(Yes)	No
10.	Did all bottles arrive in good condition (unbroken)?	(Yes)	No
11.	Were all bottle labels complete and legible?	(Yes)	No
12.	Did all bottle labels and tags agree with custody papers?	(Yes)	No
13.	Were all bottles used correct for the requested analyses?	(Yes)	No
14.	Do any of the analyses (bottles) require preservative? (If so, Preservation Verification checklist must be attached.)	(Yes)	No
15.	Were all VOA vials free of air bubbles?	(Yes)	No
16.	Was sufficient amount of sample sent in each bottle?	(Yes)	No
17.	Notify Project Manager of any discrepancies or concerns	(OK)	NA

Cooler Opened by: Susan Poynter Date: 7-27-01 Time: 1430

Explain any discrepancies or negative responses:

COOLER RECEIPT FORM

Analytical Resources Incorporated

4 of 4

ARI Client: Montgomery Watson Project: NE Cape

Delivered by: Goldstreak Tracking No.: 1720423 Date: 7-27-01

ARI Project No. _____ LIMS Nos.: _____

Preliminary Examination Phase

1.	Were intact, properly signed and dated custody seals attached to the outside of cooler?	(Yes)	No
2.	Were custody papers included with the cooler?	(Yes)	No
3.	Were custody papers properly filled out (ink,signed,etc.)?	(Yes)	No
4.	Complete custody forms and attach all shipping documents	(OK)	NA

Cooler Accepted by: Jason Lynch Date: 7-27-01 Time: 1430

Log-in Phase

5.	Was a temperature blank included in the cooler?	(Yes)	No
6.	Record Cooler Temperature	1.0	degrees C
7.	What kind of packing material was used?	Bubble wrap/bags	
8.	Was sufficient ice used (if appropriate)?	(Yes)	No
9.	Were all bottles sealed in seperate plastic bags?	(Yes)	No
10.	Did all bottles arrive in good condition (unbroken)?	(Yes)	No
11.	Were all bottle labels complete and legible?	(Yes)	No
12.	Did all bottle labels and tags agree with custody papers?	(Yes)	No
13.	Were all bottles used correct for the requested analyses?	(Yes)	No
14.	Do any of the analyses (bottles) require preservative? (If so, Preservation Verification checklist must be attached.)	(Yes)	No
15.	Were all VOA vials free of air bubbles? N/A	Yes	No
16.	Was sufficient amount of sample sent in each bottle?	(Yes)	No
17.	Notify Project Manager of any discrepancies or concerns	(OK)	NA

Cooler Opened by: Jason Lynch Date: 7-27-01 Time: 1435

Explain any discrepancies or negative responses:

COOLER RECEIPT FORM

Analytical Resources Incorporated

ARI Client: Montgomery Watson Project: NE Cape 2 of 4 (01NEC04)

Delivered by: AK Goldstreak Tracking No.: 1720 4423 Date: 7-27-01

ARI Project No. _____ LIMS Nos.: _____

Preliminary Examination Phase

1.	Were intact, properly signed and dated custody seals attached to the outside of cooler?	(Yes)	No
2.	Were custody papers included with the cooler?	(Yes)	No
3.	Were custody papers properly filled out (ink,signed,etc.)?	(Yes)	No
4.	Complete custody forms and attach all shipping documents	(OK)	NA

Cooler Accepted by: Susan Snyder Date: 7-27-01 Time: 2:15 pm

Log-In Phase

5.	Was a temperature blank included in the cooler?	(Yes)	No
6.	Record Cooler Temperature	2.0	degrees C
7.	What kind of packing material was used?	Bubble Wrap/bags	
8.	Was sufficient ice used (if appropriate)?	(Yes)	No
9.	Were all bottles sealed in seperate plastic bags?	(Yes)	No
10.	Did all bottles arrive in good condition (unbroken)?	(Yes)	No
11.	Were all bottle labels complete and legible?	(Yes)	No
12.	Did all bottle labels and tags agree with custody papers?	(Yes)	No
13.	Were all bottles used correct for the requested analyses?	(Yes)	No
14.	Do any of the analyses (bottles) require preservative? (If so, Preservation Verification checklist must be attached.)	Yes	(No)
15.	Were all VOA vials free of air bubbles? N/A	Yes	No
16.	Was sufficient amount of sample sent in each bottle?	(Yes)	No
17.	Notify Project Manager of any discrepancies or concerns	(OK)	NA

Cooler Opened by: Susan Snyder Date: 7-27-01 Time: 2:15 pm

Explain any discrepancies or negative responses:

COOLER RECEIPT FORM

Analytical Resources Incorporated

ARI Client: Montgomery Watson Project: NE Cape 01NEC04 1 of 4

Delivered by: AK Goldstreak Tracking No.: 7204423 Date: 7-27-01

ARI Project No. _____ LIMS Nos.: _____

Preliminary Examination Phase

1.	Were intact, properly signed and dated custody seals attached to the outside of cooler?	(Yes)	No
2.	Were custody papers included with the cooler?	(Yes)	No
3.	Were custody papers properly filled out (ink,signed,etc.)?	(Yes)	No
4.	Complete custody forms and attach all shipping documents	(OK)	NA

Cooler Accepted by: Susan Hyde Date: 7-27-01 Time: 1350

Log-in Phase

5.	Was a temperature blank included in the cooler?	(Yes)	No
6.	Record Cooler Temperature	4.5	degrees C
7.	What kind of packing material was used?	Bubble Wrap, bags	
8.	Was sufficient ice used (if appropriate)?	(Yes)	No
9.	Were all bottles sealed in seperate plastic bags?	(Yes)	No
10.	Did all bottles arrive in good condition (unbroken)?	(Yes)	No
11.	Were all bottle labels complete and legible?	(Yes)	No
12.	Did all bottle labels and tags agree with custody papers?	(Yes)	No
13.	Were all bottles used correct for the requested analyses?	(Yes)	No
14.	Do any of the analyses (bottles) require preservative? (If so, Preservation Verification checklist must be attached.)	(Yes)	No
15.	Were all VOA vials free of air bubbles? NA	Yes	No
16.	Was sufficient amount of sample sent in each bottle?	(Yes)	No
17.	Notify Project Manager of any discrepancies or concerns	(OK)	NA

Cooler Opened by: Susan Hyde Date: 7-27-0 Time: 14:05

Explain any discrepancies or negative responses:

DN73

Northeast Cape, St. Lawrence Island Alaska. 2001 Chain of Custody

CoolerID/COC#: Ø1NEC 55 ✓

Montgomery Watson
Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

Sampler's signature: Jane Whitsett Matthew A. Stanwell Douglas Quist Melissa Warker

WATER, COOL to 4 °C

Date	Time	Sample ID	Matrix	Total Containers	DRO/RRO AK102/103 2 X 1L Amber Glass w/HCL	GRO/BTEX AK101/SW8260B 3 X 40- ml vial w/HCL	VOCs SW8260B 3 X 40- ml vial w/HCL	SVOCs SW8270C 2 X 1L Amber Glass	PAHs SW8270C SIM 2 X 1L Amber Glass	PCBs SW8082 2 X 1L Amber Glass	Metals SW6010B/7060A/7131A/7191/ 7421/7471 1x1 L Poly.w/HN03	Alkalinity EPA 310.1 1 x 1 L Poly	Sulfate EPA 300 1 x 1 L Poly	Methane, Ethane, Ethene RSK 175 3 x 40 ml glass vials w/ HCL	COMMENTS
8-24-01	2110	01NE31SW101	SW	4	X ✓				X ✓						
8-24-01	2245	01NE31SW102	SW	4	X ✓				X ✓						

Please record Temperature Blank only in the space provided

Following receipt of sample, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett At (907) 248-8884

Relinquished by: Johanna L. Dreher	Date 08-26-01	Shipped via: Goldstreak	Shipping number: 4218 3820
Company: Montgomery Watson	Time 1600		
Received by: Jeesen Ryan	Date 8/28-01	Relinquished by:	Date
Company: ARI	Time 1100	Company:	Time
Received by:	Date	Relinquished by:	Date
Company:	Time	Company:	Time

Temperature blank temperature upon arrival: 4.5 °C

Custody seal #s: 19, 20

Cooler Receipt Form

ANALYTICAL RESOURCES INCORPORATED

ARI Client: Montgomery Watson Project Name: NorthEast Cojas

COC NO.: 55 Delivered By: ~~Fed-X~~ Eddstead

Tracking NO.: 027 4218 3820 Date: 8/28/01

ARI Job No.: DLV73 Lims NO.: 01-15112 - 01-15126

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached To the outside of the cooler? ..... (YES) NO
2. Were custody papers included with the cooler ..... (YES) NO
3. Were custody papers properly filled out (ink, signed etc.)? ..... (YES) NO
4. Complete custody forms and attach all shipping documents ..... (OK) NA

Cooler Accepted BY: Deborah Shuman Date: 8/28/01 Time: 11:00

Log-IN Phase:

5. Was a temperature blank include in the cooler? ..... (YES) NO
6. Record Cooler Temperature ..... 4.5 °C
7. What kind of packing material was used? ..... Bubble Wrap
8. Was sufficient ice used (if appropriate)? ..... (YES) NO
9. Were all bottles sealed in separate plastic bags? ..... (YES) NO
10. Did all bottles arrive in good condition (unbroken)? ..... (YES) NO
11. Were all bottle labels complete and legible? ..... (YES) NO
12. Did all bottle labels and tags agree with custody papers? ..... (YES) NO
13. Were all bottles used correct for the requested analyses? ..... (YES) NO
14. Do any of the analyses (bottles) require preservative? (If so, Preservation checklist must be attached) ..... (YES) NO
15. Were all VOA vials free of air bubbles? ..... (YES) NO
16. Was sufficient amount of sample sent in each bottle? ..... (YES) NO
17. Notify Project Manager of any discrepancies or concerns ..... (OK) NA

Cooler Opened By: Deborah Shuman Date: 8/28/01 Time 11:00

Explain any discrepancies or negative responses:

DN73

Northeast Cape, St. Lawrence Island Alaska. 2001 Chain of Custody

CoolerID/COC#: Ø1NEC (6)

Montgomery Watson
Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

William A. Howell Doug Quist

Sampler's signature: Melissa Monkin

Date	Time	Sample ID	Matrix	Total Containers	DRO/RRO AK102/103 2 X 1L Amber Glass w/HCL	DRO ~~GRO/BTEX AK101/SW8260B~~ 102 ~~3 X 40- ml vial w/HCL~~ 2 x 1L Amber Glass w/ HCl	VOCs SW8260B 3 X 40- ml vial w/HCL	SVOCs SW8270C 2 X 1L Amber Glass	PAHs SW8270C SIM 2 X 1L Amber Glass	PCBs SW8082 2 X 1L Amber Glass	~~Total~~ Metals SW6010B/~~7060A/7131A/7191/~~ ~~7421/7471~~ 1x1 L Poly.w/HN03	Alkalinity EPA 310.1 1 x 1 L Poly	Sulfate EPA 300 1 x 1 L Poly	Methane, Ethane, Ethene RSK 175 3 x 40 ml glass vials w/ HCL	COMMENTS
08-25-01	1700	01NE00WP103	W	5	X ✓					X ✓	X ✓				
08-25-01	1200	01NE04WP102	W	2		X ✓ RRO requested TBD									
08-25-01	1345	01NE04WP103	W	2		X ✓ RRO requested TBD								←	one Lab Reads 01NEWP104

Please record Temperature Blank only in the space provided

Following receipt of sample, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett At (907) 248-8884

Relinquished by: Johanna L. Dreher Johanna L. Dreher	Date 08-26-01	Shipped via: Goldstreak	Shipping number: 4218 3945
Company: Montgomery Watson	Time 1600		
Received by: S Joshi	Date 8/28/01	Relinquished by:	Date
Company: AK1	Time 1310	Company:	Time
Received by:	Date	Relinquished by:	Date
Company:	Time	Company:	Time

Temperature blank temperature upon arrival: 4.0 °C

Custody seal #s: 31, 32

Cooler Receipt Form

ANALYTICAL RESOURCES INCORPORATED

ARI Client: Montgomery Watson Project Name: Northeast Cape

COC NO.: 01NEC61 Delivered By: ~~Fed Ex~~ Goldstreak

Tracking NO.: 027421839 45 Date: 8/28/01

ARI Job No.: DN73 Lims NO.: 01-15112-01-15126

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached To the outside of the cooler?	YES	NO
2. Were custody papers included with the cooler	YES	NO
3. Were custody papers properly filled out (ink, signed etc.)?	YES	NO
4. Complete custody forms and attach all shipping documents	OK	NA

Cooler Accepted BY: [signature] Date: 8/28/01 Time: 11:00

Log-IN Phase:

5. Was a temperature blank include in the cooler?	YES	NO
6. Record Cooler Temperature	4.0 °C	
7. What kind of packing material was used?	Bubble Wrap	
8. Was sufficient ice used (if appropriate)?	YES	NO
9. Were all bottles sealed in separate plastic bags?	YES	NO
10. Did all bottles arrive in good condition (unbroken)?	YES	NO
11. Were all bottle labels complete and legible?	YES	NO
12. Did all bottle labels and tags agree with custody papers?	YES	NO
13. Were all bottles used correct for the requested analyses?	YES	NO
14. Do any of the analyses (bottles) require preservative? (If so, Preservation checklist must be attached)	YES	NO
15. Were all VOA vials free of air bubbles?	YES	NO
16. Was sufficient amount of sample sent in each bottle?	YES	NO
17. Notify Project Manager of any discrepancies or concerns	OK	NA

Cooler Opened By: [signature] Date: 8/28/01 Time 11:00

Explain any discrepancies or negative responses:

Sample ID 01NE04WP103 - Bottle Label read 01NE WP104, Time Matches

DN73

Northeast Cape, St. Lawrence Island Alaska. 2001 Chain of Custody

CoolerID/COC#: Ø1NEC51

Montgomery Watson Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

Sampler's signature: William A. Howell Douglas Quist Melissa Markell

WATER, COOL to 4 °C

Date	Time	Sample ID	Matrix	Total Containers	DRO/RRO AK102/103 2 X 1L Amber Glass w/HCL	GRO/~~BTEX~~ AK101/~~SW8260B~~ 3 X 40- ml vial w/HCL	~~GRO/BTEX AK101/SW8260B~~ ~~VOCs SW8260B~~ 3 X 40- ml vial w/HCL	SVOCs SW8270C 2 X 1L Amber Glass	PAHs SW8270C SIM 2 X 1L Amber Glass	PCBs SW8082 2 X 1L Amber Glass	~~TAL~~ Metals SW6010B/~~7060A/7131A/7191/7421/7471~~ 1x1 L Poly.w/HN03	Alkalinity EPA 310.1 1 x 1 L Poly	Sulfate EPA 300 1 x 1 L Poly	Methane, Ethane, Ethene RSK 175 3 x 40 ml glass vials w/ HCL	COMMENTS
08-24-01	1440	01NE21SW113	SW	4		X					X				MS/MSD GRO only
08-24-01	0835	01NE24SW214	SW	1							X				
08-24-01	0830	01NE24SW114	SW	4 MS/MSD		X	X				X				
08-21-01	1405	01NE21SW114	SW	7	X	X				X					
08-24-01	1445	01NE21SW213	SW	3		X									
08-24-00	1900	01NE00TB113	SW	3		X									

Please record Temperature Blank only in the space provided

Following receipt of sample, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett At (907) 248-8884

Relinquished by: Johanna L. Dreher	Date 08-26-01	Shipped via: Goldstreak	Shipping number: 4218 3816
Company: Montgomery Watson	Time 1600		
Received by:	Date 9/28/01	Relinquished by:	Date
Company: ARI	Time 11:00	Company:	Time
Received by:	Date	Relinquished by:	Date
Company:	Time	Company:	Time

Temperature blank temperature upon arrival: 4.5 °C

Custody seal #s: 11, 12

Cooler Receipt Form

ANALYTICAL RESOURCES INCORPORATED

ARI Client: Montgomery Watson Project Name: Northeast Cagne

COC NO.: 51 Delivered By: Fed Ex & Goldstreak

Tracking NO.: 027 4218 3816 Date: 8/28/01

ARI Job No.: DN73 Lims NO.: 01-15112 - 01-15126

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached To the outside of the cooler?	(YES)	NO
2. Were custody papers included with the cooler	(YES)	NO
3. Were custody papers properly filled out (ink, signed etc.)?	(YES)	NO
4. Complete custody forms and attach all shipping documents	(OK)	NA

Cooler Accepted BY: Deborah Thomas Date: 8/28/01 Time: 11:00

Log-IN Phase:

5. Was a temperature blank include in the cooler?	(YES)	NO
6. Record Cooler Temperature	4.5 °C	
7. What kind of packing material was used?	Bubble Wrap	
8. Was sufficient ice used (if appropriate)?	(YES)	NO
9. Were all bottles sealed in separate plastic bags?	(YES)	NO
10. Did all bottles arrive in good condition (unbroken)?	(YES)	NO
11. Were all bottle labels complete and legible?	(YES)	NO
12. Did all bottle labels and tags agree with custody papers?	(YES)	NO
13. Were all bottles used correct for the requested analyses?	(YES)	NO
14. Do any of the analyses (bottles) require preservative? (If so, Preservation checklist must be attached)	(YES)	NO
15. Were all VOA vials free of air bubbles?	(YES)	NO
16. Was sufficient amount of sample sent in each bottle?	(YES)	NO
17. Notify Project Manager of any discrepancies or concerns	(OK)	NA

Cooler Opened By: Deborah Thomas Date: 8/28/01 Time 11:00

Explain any discrepancies or negative responses:

DN73

Northeast Cape, St. Lawrence Island Alaska. 2001 Chain of Custody

CoolerID/COC#: Ø1NEC 62

Montgomery Watson
Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

Sampler's signature: Johanna L. Dreher, William L. Small, Douglas Dent, Melissa Markell

WATER, COOL to 4 °C

Date	Time	Sample ID	Matrix	Total Containers	DRO/RRO AK102/103 2 X 1L Amber Glass w/HCL	GRO/BTEX AK101/SW8260B 3 X 40- ml vial w/HCL	VOCs SW8260B 3 X 40- ml vial w/HCL	SVOCs SW8270C 2 X 1L Amber Glass	PAHs SW8270C SIM 2 X 1L Amber Glass	PCBs SW8082 2 X 1L Amber Glass	Metals SW6010B/7060A/7131A/7191/ 7421/7471 1x1 L Poly w/HN03	Alkalinity EPA 310.1 1 x 1 L Poly	Sulfate EPA 300 1 x 1 L Poly	Methane, Ethane, Ethene RSK 175 3 x 40 ml glass vials w/ HCL	COMMENTS
8-25-01	1600	ØINE38WP1Ø1	W	16	X	X	X		X		X	X	X	X	
8-25-01	1720	ØINE Ø9SW 11Ø	SW	6		X	X								
8-25-01	1700	ØINE Ø6WP103	W	3		X									
8-24-01	2110	ØINE 31SW101	SW	3		X									
8-24-01	2245	ØINE31SW102	SW	3		X									
8-25-01	1500	ØINE Ø4WP1Ø4	W	2	X										DRO ONLY
8-24-01	1900	ØINEØØTB115	W	3		X	X								

Please record Temperature Blank only in the space provided

Following receipt of sample, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett At (907) 248-8884

Relinquished by: Johanna L. Dreher	Date 08-24-01	Shipped via: Goldstreak	Shipping number: 4218 3956
Company: Montgomery Watson	Time 1600		
Received by: Jessica Snyder	Date 8/28/01	Relinquished by:	Date
Company: ARI	Time 1100	Company:	Time
Received by:	Date	Relinquished by:	Date
Company:	Time	Company:	Time

Temperature blank temperature upon arrival: 6.0 °C

Custody seal #s: 33, 34

Cooler Receipt Form

ANALYTICAL RESOURCES INCORPORATED

ARI Client: Montgomery Watson Project Name: Northeast Cape

COC NO.: 62 Delivered By: ~~Fed-X~~ Goldstreak

Tracking NO.: 027 4218 3956 Date: 8/28/01

ARI Job No.: DN13 Lims NO.: 01-15112 - 01-15126

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached To the outside of the cooler?	(YES)	NO
2. Were custody papers included with the cooler	(YES)	NO
3. Were custody papers properly filled out (ink, signed etc.)?	(YES)	NO
4. Complete custody forms and attach all shipping documents	(OK)	NA

Cooler Accepted BY: Deborah Shinn Date: 8/28/01 Time: 11:00

Log-IN Phase:

5. Was a temperature blank include in the cooler?	(YES)	NO
6. Record Cooler Temperature	6.0 °C	
7. What kind of packing material was used?	Bubble Wrap	
8. Was sufficient ice used (if appropriate)?	(YES)	NO
9. Were all bottles sealed in separate plastic bags?	(YES)	NO
10. Did all bottles arrive in good condition (unbroken)?	(YES)	NO
11. Were all bottle labels complete and legible?	(YES)	NO
12. Did all bottle labels and tags agree with custody papers?	(YES)	NO
13. Were all bottles used correct for the requested analyses?	(YES)	NO
14. Do any of the analyses (bottles) require preservative? (If so, Preservation checklist must be attached)	(YES)	NO
15. Were all VOA vials free of air bubbles?	(YES)	NO
16. Was sufficient amount of sample sent in each bottle?	(YES)	NO
17. Notify Project Manager of any discrepancies or concerns	(OK)	NA

Cooler Opened By: Deborah Shinn Date: 8/28/01 Time 11:00

Explain any discrepancies or negative responses:

1.5

Northeast Cape, St. Lawrence Island Alaska. 2001 Chain of Custody

CoolerID/COC#: Ø1NEC 63

Montgomery Watson
Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Analytical Resources Inc. DN71
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

Sampler's signature: Douglas Quist (Melissa Markely)

WATER, COOL to 4 °C

Date	Time	Sample ID	Matrix	Total Containers	DRO/RRO AK102/103 2 X 1L Amber Glass w/HCL	GRO/BTEX AK101/SW8260B 3 X 40- ml vial w/HCL	VOCs SW8260B 3 X 40- ml vial w/HCL	SVOCs SW8270C 2 X 1L Amber Glass	PAHs SW8270C SIM 2 X 1L Amber Glass	PCBs SW8082 2 X 1L Amber Glass	Metals SW6010B/7060A/7131A/7191/ 7421/7471 1x1 L Poly w/HN03	Alkalinity EPA 310.1 1 x 1 L Poly	Sulfate EPA 300 1 x 1 L Poly	Methane, Ethane, Ethene RSK 175 3 x 40 ml glass vials w/ HCL	COMMENTS
8-26-01	0900	Ø1NEØ9WP102	W	8 7	X V				X V	X V	X V				
8-26-01	1100	Ø1NEØ6SW116	W	2	X V										DRO ONLY

Please record Temperature Blank only in the space provided

Following receipt of sample, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett At (907) 248-8884

Relinquished by: [signature]	Date 8-27-01	Shipped via: AK Air Gold Streak	Shipping number: 4218 3982
Company: Montgomery Watson	Time 1000		
Received by: [signature]	Date 8/28/01	Relinquished by:	Date
Company: ARI	Time 1125	Company:	Time
Received by:	Date	Relinquished by:	Date
Company:	Time	Company:	Time

Temperature blank temperature upon arrival: 1.5° °C

Custody seal #s: 17537 / 17538

Cooler Receipt Form

ANALYTICAL RESOURCES INCORPORATED

ARI Client: Montgomery Watson Project Name: NE CAPE

COC NO.: ONEC.63 Delivered By: AK airlines

Tracking NO.: 0274218 3982 Date: 8-27-01

ARI Job No.: DN71 Lims NO.: 01-15092 to 01-15111

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached To the outside of the cooler?	(YES)	NO
2. Were custody papers included with the cooler	(YES)	NO
3. Were custody papers properly filled out (ink, signed etc.)?	(YES)	NO
4. Complete custody forms and attach all shipping documents	(OK)	NA

Cooler Accepted BY: CY Date: 8/28/01 Time: 1125

Log-IN Phase:

5. Was a temperature blank include in the cooler?	(YES)	NO
6. Record Cooler Temperature	1.5 °C	
7. What kind of packing material was used?	Bubble wrap	
8. Was sufficient ice used (if appropriate)?	(YES)	NO
9. Were all bottles sealed in separate plastic bags?	(YES)	NO
10. Did all bottles arrive in good condition (unbroken)?	(YES)	NO
11. Were all bottle labels complete and legible?	(YES)	NO
12. Did all bottle labels and tags agree with custody papers?	(YES)	NO
13. Were all bottles used correct for the requested analyses?	(YES)	NO
14. Do any of the analyses (bottles) require preservative? (If so, Preservation checklist must be attached)	(YES)	NO
15. Were all VOA vials free of air bubbles?	YES (NA)	NO
16. Was sufficient amount of sample sent in each bottle?	(YES)	NO
17. Notify Project Manager of any discrepancies or concerns	(OK)	NA

Cooler Opened By: CY Date: 8/28/01 Time 1600

Explain any discrepancies or negative responses:

Northeast Cape, St. Lawrence Island Alaska. 2001 Chain of Custody

CoolerID/COC#: Ø1NEC57 ✓

Montgomery Watson
Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround
DN71

Sampler's signature: Johanna Mathew Melinda Markell

Date	Time	Sample ID	Matrix	Total Containers	WATER, COOL to 4 °C: DRO/RRO AK102/103 2 X 1L Amber Glass w/HCL	GRO/BTEX AK101/SW8260B 3 X 40- ml vial w/HCL	VOCs SW8260B 3 X 40- ml vial w/HCL	SVOCs SW8270C 2 X 1L Amber Glass	PAHs SW8270C SIM 2 X 1L Amber Glass	PCBs SW8082 2 X 1L Amber Glass	~~TAL~~ 7420 Metals SW6010B/~~7000/7131A/7191/7421/7471~~ 1x1 L Poly w/HN03	Alkalinity EPA 310.1 1 x 1 L Poly	Sulfate EPA 300 1 x 1 L Poly	Methane, Ethane, Ethene RSK 175 3 x 40 ml glass vials w/ HCL	COMMENTS
8-25-01	1015	01NE03 WP 102	WP	2	X ✓										
8-25-01	1045	01NE03 WP 103	WP	2	X ✓										
8-25-01	1115	01NE03 WP 104	WP	2	X ✓										
8-24-01	2110	01NE31SW101	SW	1							X ✓				
8-24-01	2245	01NE31SW102	SW	1							X ✓				

Please record Temperature Blank only in the space provided

Following receipt of sample, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett At (907) 248-8884

Relinquished by: Johanna L. Dreher Johanna L. Dreher	Date 08-26-01	Shipped via: Goldstreak	Shipping number: 4218 3901
Company: Montgomery Watson	Time 1600		
Received by: [illegible]	Date 8/28/01	Relinquished by:	Date
Company: ARI	Time 1310	Company:	Time
Received by:	Date	Relinquished by:	Date
Company:	Time	Company:	Time

Temperature blank temperature upon arrival: 3.5° °C

Custody seal #s: 23, 24

Cooler Receipt Form

ANALYTICAL RESOURCES INCORPORATED

ARI Client: Montgomery Watson Project Name: NE CAPE

COC NO.: 01NE57 Delivered By: AK airlines

Tracking NO.: 027 4218 3901 Date: 8-27-01

ARI Job No.: DN71 Lims NO.: 01-15092 to 01-15111

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached To the outside of the cooler? ..... (YES) NO
2. Were custody papers included with the cooler ..... (YES) NO
3. Were custody papers properly filled out (ink, signed etc.)? ..... (YES) NO
4. Complete custody forms and attach all shipping documents ..... (OK) NA

Cooler Accepted BY: aj Date: 8/28/01 Time: 1310

Log-IN Phase:

5. Was a temperature blank include in the cooler? ..... (YES) NO
6. Record Cooler Temperature ..... 3.5 °C
7. What kind of packing material was used? ..... Bubblewrap
8. Was sufficient ice used (if appropriate)? ..... (YES) NO
9. Were all bottles sealed in separate plastic bags? ..... (YES) NO
10. Did all bottles arrive in good condition (unbroken)? ..... (YES) NO
11. Were all bottle labels complete and legible? ..... (YES) NO
12. Did all bottle labels and tags agree with custody papers? ..... (YES) NO
13. Were all bottles used correct for the requested analyses? ..... (YES) NO
14. Do any of the analyses (bottles) require preservative? (If so, Preservation checklist must be attached) ..... (YES) NO
15. Were all VOA vials free of air bubbles? ..... YES (NA) NO
16. Was sufficient amount of sample sent in each bottle? ..... (YES) NO
17. Notify Project Manager of any discrepancies or concerns ..... (OK) NA

Cooler Opened By: aj Date: 8/28/01 Time: 1310

Explain any discrepancies or negative responses:

1 of 5

Northeast Cape, St. Lawrence Island Alaska. 2001 Chain of Custody

Ø1NEC 66

Montgomery Watson
Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder

DN71

MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

Douglas Gust

Sampler's signature: Bonnie McMahon

WATER, COOL to 4 °C

Date	Time	Sample ID	Matrix	Total Containers	DRO/RRO AK102/103 2 X 1L Amber Glass w/HCL	GRO/~~BTEX~~ AK101/~~SW8260B~~ 3 X 40- ml vial w/HCL	VOCs SW8260B 3 X 40- ml vial w/HCL	SVOCs SW8270C 2 X 1L Amber Glass	PAHs SW8270C SIM 2 X 1L Amber Glass	PCBs SW8082 2 X 1L Amber Glass	Metals SW6010B/7060A/7131A/7191/ 7421/7471 1x1 L Poly.w/HN03	Alkalinity EPA 310.1 1 x 1 L Poly	Sulfate EPA 300 1 x 1 L Poly	Methane, Ethane, Ethene RSK 175 3 x 40 ml glass vials w/ HCL	COMMENTS
8-26	1315	01NE09SW112	W	13	X	X	X		X	X	X				
8-26	900	01NE09WP102	W	6		X	X								
8-26	1015	01NE09MW103	W	6		X	X								Bubbles in Sample
8-26	1900	01NE00TB116	W	6		X	X								Bubbles in Sample
8-26	1115	01NE09SW111	W	6		X	X								

Dup

Please record Temperature Blank only in the space provided

Following receipt of sample, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett At (907) 248-8884

Relinquished by: Bonnie McMahon	Date 8-27-01	Shipped via: AK AL Gold Shuttle	Shipping number: 42183960
Company: Montgomery Watson	Time 1000		
Received by: P Joshi	Date 8/28/01	Relinquished by:	Date
Company: ARI	Time 1125	Company:	Time
Received by:	Date	Relinquished by:	Date
Company:	Time	Company:	Time

Temperature blank temperature upon arrival: 1.5° °C

Custody seal #s: 17895 / 17889

Cooler Receipt Form

ANALYTICAL RESOURCES INCORPORATED

ARI Client: Montgomery Watson Project Name: NE CAPE

COC NO.: 01NEC66 Delivered By: AK airlines

Tracking NO.: 027421839 60 Date: 8-27-01

ARI Job No.: DN71 Lims NO.: 01-15092 to 01-15111

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached To the outside of the cooler?	(YES)	NO
2. Were custody papers included with the cooler	(YES)	NO
3. Were custody papers properly filled out (ink, signed etc.)?	(YES)	NO
4. Complete custody forms and attach all shipping documents	(OK)	NA

Cooler Accepted BY: [signature] Date: 8/28/01 Time: 1125

Log-IN Phase:

5. Was a temperature blank include in the cooler?	(YES)	NO
6. Record Cooler Temperature	1.5 °C	
7. What kind of packing material was used?	Bubble wrap	
8. Was sufficient ice used (if appropriate)?	(YES)	NO
9. Were all bottles sealed in separate plastic bags?	(YES)	NO
10. Did all bottles arrive in good condition (unbroken)?	(YES)	NO
11. Were all bottle labels complete and legible?	(YES)	NO
12. Did all bottle labels and tags agree with custody papers?	(YES)	NO
13. Were all bottles used correct for the requested analyses?	(YES)	NO
14. Do any of the analyses (bottles) require preservative? (If so, Preservation checklist must be attached)	(YES)	NO
15. Were all VOA vials free of air bubbles?	YES	(NO)*
16. Was sufficient amount of sample sent in each bottle?	(YES)	NO
17. Notify Project Manager of any discrepancies or concerns	(OK)	NA

Cooler ~~Opened~~ logged By: [signature] Date: 8/28/01 Time 1600

Explain any discrepancies or negative responses:

* 01NE09MW103 & 01NE00TB116 All 3 vials have 6-8 mm pea bubbles JS/8/28

2.5

Northeast Cape, St. Lawrence Island Alaska. 2001 Chain of Custody

CoolerID/COC#: Ø1NEC_64

Montgomery Watson Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187 DN71
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

Sampler's signature: Douglas Quist

Date	Time	Sample ID	Matrix	Total Containers	DRO/RRO AK102/103 2 X 1L Amber Glass w/HCL	GRO/BTEX AK101/SW8260B 3 X 40- ml vial w/HCL	VOCs SW8260B 3 X 40- ml vial w/HCL	SVOCs SW8270C 2 X 1L Amber Glass	PAHs SW8270C SIM 2 X 1L Amber Glass	PCBs SW8082 2 X 1L Amber Glass	Metals SW6010B/7060A/7131A/7191/ 7421/7471 1x1 L Poly w/HN03	Alkalinity EPA 310.1 1 x 1 L Poly	Sulfate EPA 300 1 x 1 L Poly	Methane, Ethane, Ethene RSK 175 3 x 40 ml glass vials w/ HCL	COMMENTS
8-26-01	1115	ØINE09SW111	SW	Ø17	X				X	X	X				
				69M											

Please record Temperature Blank only in the space provided

Following receipt of sample, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett At (907) 248-8884

Relinquished by: Jane Mcha	Date 8-27-01	Shipped via: Gold Streak	Shipping number: 4218 3993
Company: Montgomery Watson	Time 1002		
Received by: EJOSni	Date 8/28/01	Relinquished by:	Date
Company: ARI	Time 1125	Company:	Time
Received by:	Date	Relinquished by:	Date
Company:	Time	Company:	Time

Temperature blank temperature upon arrival: 2.5° °C

Custody seal #s: 17562 / 17561

Cooler Receipt Form

ANALYTICAL RESOURCES INCORPORATED

ARI Client: Montgomery Watson Project Name: NE CAPE

COC NO.: 01NEC64 Delivered By: AK airlines

Tracking NO.: 027 4218 3993 Date: 8-27-01

ARI Job No.: DN71 Lims NO.: 01-15092 to 01-15111

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached To the outside of the cooler? ..... (YES) NO
2. Were custody papers included with the cooler ..... (YES) NO
3. Were custody papers properly filled out (ink, signed etc.)? ..... (YES) NO
4. Complete custody forms and attach all shipping documents ..... (OK) NA

Cooler Accepted BY: [signature] Date: 8/28/01 Time: 1125

Log-IN Phase:

5. Was a temperature blank include in the cooler? ..... (YES) NO
6. Record Cooler Temperature ..... 2.5 °C
7. What kind of packing material was used? ..... Bubble Wrap
8. Was sufficient ice used (if appropriate)? ..... (YES) NO
9. Were all bottles sealed in separate plastic bags? ..... (YES) NO
10. Did all bottles arrive in good condition (unbroken)? ..... (YES) NO
11. Were all bottle labels complete and legible? ..... (YES) NO
12. Did all bottle labels and tags agree with custody papers? ..... (YES) NO
13. Were all bottles used correct for the requested analyses? ..... (YES) NO
14. Do any of the analyses (bottles) require preservative? (If so, Preservation checklist must be attached) ..... (YES) NO
15. Were all VOA vials free of air bubbles? ..... YES (N/A) NO
16. Was sufficient amount of sample sent in each bottle? ..... (YES) NO
17. Notify Project Manager of any discrepancies or concerns ..... (OK) NA

Cooler Opened By: [signature] Date: 8/28/01 Time 1600

Explain any discrepancies or negative responses:

1.5

Northeast Cape, St. Lawrence Island Alaska. 2001 Chain of Custody

CoolerID/COC#: Ø1NEC_65

Montgomery Watson Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

DN71

Sampler's signature: Douglas Rust, Melissa Markel

WATER, COOL to 4 °C

Date	Time	Sample ID	Matrix	Total Containers	DRO/RRO AK102/103 2 X 1L Amber Glass w/HCL	GRO/BTEX AK101/SW8260B 3 X 40- ml vial w/HCL	VOCs SW8260B 3 X 40- ml vial w/HCL	SVOCs SW8270C 2 X 1L Amber Glass	PAHs SW8270C SIM 2 X 1L Amber Glass	PCBs SW8082 2 X 1L Amber Glass	Metals SW6010B/7060A/7131A/7191/ 7421/7471 1x1 L Poly.w/HN03	Alkalinity EPA 310.1 1 x 1 L Poly	Sulfate EPA 300 1 x 1 L Poly	Methane, Ethane, Ethene RSK 175 3 x 40 ml glass vials w/ HCL	COMMENTS
8-26-01	1015	Ø1NEC01MW103	W	7	X				X	X	X				

Please record Temperature Blank only in the space provided

Following receipt of sample, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett At (907) 248-8884

Relinquished by: Melissa Markel	Date 8-27-01	Shipped via: AKAL Gold Streak	Shipping number: 4218 4004
Company: Montgomery Watson	Time 1000		
Received by: G Josi	Date 8/28/01	Relinquished by	Date
Company: AK	Time 1125	Company:	Time
Received by:	Date	Relinquished by:	Date
Company:	Time	Company:	Time

Temperature blank temperature upon arrival: 1.5° °C

Custody seal #s: 17542/17541

Cooler Receipt Form

ANALYTICAL RESOURCES INCORPORATED

ARI Client: Montgomery Watson Project Name: NE CAPE

COC NO.: 01NEC65 Delivered By: AK airlines

Tracking NO.: 027 4218 4004 Date: 8-27-01

ARI Job No.: DN71 Lims NO.: 01-15092 to 01-15111

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached To the outside of the cooler? ..... (YES) NO
2. Were custody papers included with the cooler ..... (YES) NO
3. Were custody papers properly filled out (ink, signed etc.)? ..... (YES) NO
4. Complete custody forms and attach all shipping documents ..... (OK) NA

Cooler Accepted BY: [signature] Date: 8/28/01 Time: 1125

Log-IN Phase:

5. Was a temperature blank include in the cooler? ..... (YES) NO
6. Record Cooler Temperature ..... 1.5 °C
7. What kind of packing material was used? ..... Bubble wrap
8. Was sufficient ice used (if appropriate)? ..... (YES) NO
9. Were all bottles sealed in separate plastic bags? ..... (YES) NO
10. Did all bottles arrive in good condition (unbroken)? ..... (YES) NO
11. Were all bottle labels complete and legible? ..... (YES) NO
12. Did all bottle labels and tags agree with custody papers? ..... (YES) NO
13. Were all bottles used correct for the requested analyses? ..... (YES) NO
14. Do any of the analyses (bottles) require preservative? (If so, Preservation checklist must be attached) ..... (YES NA) NO
15. Were all VOA vials free of air bubbles? ..... YES (NA) NO
16. Was sufficient amount of sample sent in each bottle? ..... (YES) NO
17. Notify Project Manager of any discrepancies or concerns ..... (OK) NA

Cooler Opened By: [signature] Date: 8/28/01 Time 1125

Explain any discrepancies or negative responses:

6.5

Northeast Cape, St. Lawrence Island Alaska. 2001 Chain of Custody

CoolerID/COC#: Ø1NEC 48 ✓

Montgomery Watson Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround
DN71

Sampler's signature: Matthew A. Donnell Jane Whitsett Jane Whitsett

Date	Time	Sample ID	Matrix	Total Containers	DRO/RRO AK102/103 2 X 1L Amber Glass w/HCL	GRO/BTEX AK101/SW8260B 3 X 40- ml vial w/HCL	VOCs SW8260B 3 X 40- ml vial w/HCL	SVOCs SW8270C 2 X 1L Amber Glass	PAHs SW8270C SIM 2 X 1L Amber Glass	PCBs SW8082 2 X 1L Amber Glass	Metals SW6010B/7060A/7131A/7191/ 7421/7471 1x1 L Poly.w/HN03	Alkalinity EPA 310.1 1 x 1 L Poly	Sulfate EPA 300 1 x 1 L Poly	Methane, Ethane, Ethene RSK 175 3 x 40 ml glass vials w/ HCL	COMMENTS
8/24/01	0830	01NE24SW114	SW	4	X ✓					X ✓					~~X 8260B~~ Bat
8/24/01	0835	01NE24SW214	SW	4	X ✓					X ✓					

Please record Temperature Blank only in the space provided

Following receipt of sample, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett At (907) 248-8884

Relinquished by: Johanna L. Dreher	Date 08-26-01	Shipped via:		Shipping number:	
Company: Montgomery Watson	Time 1600	Goldstreak		4218 3886	
Received by: Yoshi	Date 8/28/01	Relinquished by:	Date	Temperature blank temperature upon arrival:	°C
Company: AFI	Time 1310	Company:	Time	6.5°	
Received by:	Date	Relinquished by:	Date	Custody seal #s: 5, 6	
Company:	Time	Company:	Time		

Cooler Receipt Form

ANALYTICAL RESOURCES INCORPORATED

ARI Client: Montgomery Watson Project Name: NE CAPE

COC NO.: 01NEC 48 Delivered By: AK airlines

Tracking NO.: 027 4218 3886 Date: 8-27-01

ARI Job No.: DN71 Lims NO.: 01-15092 to 01-15111

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached To the outside of the cooler? ..... (YES) NO
2. Were custody papers included with the cooler ..... (YES) NO
3. Were custody papers properly filled out (ink, signed etc.)? ..... (YES) NO
4. Complete custody forms and attach all shipping documents ..... (OK) NA

Cooler Accepted BY: CY Date: 8/28/01 Time: 1310

Log-IN Phase:

5. Was a temperature blank include in the cooler? ..... (YES) NO
6. Record Cooler Temperature ..... 6.5 °C
7. What kind of packing material was used? ..... Bubble wrap
8. Was sufficient ice used (if appropriate)? ..... (YES) (NO) 8/31/01
9. Were all bottles sealed in separate plastic bags? ..... (YES) NO
10. Did all bottles arrive in good condition (unbroken)? ..... (YES) NO
11. Were all bottle labels complete and legible? ..... (YES) NO
12. Did all bottle labels and tags agree with custody papers? ..... YES (NO) X
13. Were all bottles used correct for the requested analyses? ..... (YES) NO
14. Do any of the analyses (bottles) require preservative? (If so, Preservation checklist must be attached) ..... (YES) NO
15. Were all VOA vials free of air bubbles? ..... YES N/A NO
16. Was sufficient amount of sample sent in each bottle? ..... (YES) NO
17. Notify Project Manager of any discrepancies or concerns ..... (OK) NA

Cooler Opened By: CY Date: 8/28/01 Time 1600

Explain any discrepancies or negative responses:

#6 FOR SAMPLE 01NE24SW114 - ONE PCB BOTTLE LABEL = 01NE24SD114 - TIME = 830

FOR SAMPLE 01NE24SW214 - TWO " " LABELS = 01NE24SD214 - TIME = 835

NOTIFIED P.M. 8/28/28

4.5

Northeast Cape, St. Lawrence Island Alaska. 2001 Chain of Custody

CoolerID/COC#: Ø1NEC 50 ✓

DN71

Montgomery Watson
Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

Sampler's signature: Johanna L. Drecher Douglas Quist

Date	Time	Sample ID	Matrix	Total Containers	WATER, COOL to 4 °C: DRO/RRO AK102/103 2 X 1L Amber Glass w/HCL	GRO/BTEX AK101/SW8260B 3 X 40- ml vial w/HCL	VOCs SW8260B 3 X 40- ml vial w/HCL	SVOCs SW8270C 2 X 1L Amber Glass	PAHs SW8270C SIM 2 X 1L Amber Glass	PCBs SW8082 2 X 1L Amber Glass	Metals SW6010B/~~7060A/7131A/7191/~~ 7470 ~~7421/7471~~ 1x1 L Poly w/HNO3	Alkalinity EPA 310.1 1 x 1 L Poly	Sulfate EPA 300 1 x 1 L Poly	Methane, Ethane, Ethene RSK 175 3 x 40 ml glass vials w/ HCL	COMMENTS
8-24-01	1440	Ø1NE21SW113	SW	6	X ✓					X ✓					MS/MSD DRO only
8-24-01	1445	Ø1NE21SW213	SW	2	X ✓										
8-24-01	1405	Ø1NE21SW114	SW	1							X ✓				

Please record Temperature Blank only in the space provided

Following receipt of sample, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett At (907) 248-8884

Relinquished by: Johanna L. Drecher Johanna L. Drecher	Date 08-26-01	Shipped via: Goldstreak	Shipping number: 4218 3853
Company: Montgomery Watson	Time 1600		
Received by: [illegible]	Date 8/28/01	Relinquished by:	Date
Company: ARI	Time 1310	Company:	Time
Received by:	Date	Relinquished by:	Date
Company:	Time	Company:	Time

Temperature blank temperature upon arrival: 4.5° °C

Custody seal #s: 9, 10

Cooler Receipt Form

ANALYTICAL RESOURCES INCORPORATED

ARI Client: Montgomery Watson Project Name: NE CAPE

COC NO.: 01NEC50 Delivered By: AK airlines

Tracking NO.: 027421853853 Date: 8-27-01

ARI Job No.: DN71 Lims NO. 01-15092 to 01-15111

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached To the outside of the cooler?	(YES)	NO
2. Were custody papers included with the cooler	(YES)	NO
3. Were custody papers properly filled out (ink, signed etc.)?	(YES)	NO
4. Complete custody forms and attach all shipping documents	(OK)	NA

Cooler Accepted BY: CX Date: 8/28/01 Time: 1310

Log-IN Phase:

5. Was a temperature blank include in the cooler?	(YES)	NO
6. Record Cooler Temperature	4.5 °C	
7. What kind of packing material was used?	Bubble wrap	
8. Was sufficient ice used (if appropriate)?	(YES)	NO
9. Were all bottles sealed in separate plastic bags?	(YES)	NO
10. Did all bottles arrive in good condition (unbroken)?	(YES)	NO
11. Were all bottle labels complete and legible?	(YES)	NO
12. Did all bottle labels and tags agree with custody papers?	(YES)	NO
13. Were all bottles used correct for the requested analyses?	(YES)	NO
14. Do any of the analyses (bottles) require preservative? (If so, Preservation checklist must be attached)	(YES)	NO
15. Were all VOA vials free of air bubbles?	YES (NA)	NO
16. Was sufficient amount of sample sent in each bottle?	(YES)	NO
17. Notify Project Manager of any discrepancies or concerns	(OK)	NA

Cooler Opened By: CX Date: 8/28/01 Time 1310

Explain any discrepancies or negative responses:

3.0

Northeast Cape, St. Lawrence Island Alaska. 2001 Chain of Custody

CoolerID/COC#: Ø1NEC 60

Montgomery Watson
Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

DN71

Sampler's signature: B mclean William A Lawell Douglas Quist Melissa Markell

Date	Time	Sample ID	Matrix	Total Containers	WATER, COOL to 4 °C: DRO/RRO AK102/103 2 X 1L Amber Glass w/HCL	GRO/BTEX AK101/SW8260B 3 X 40- ml vial w/HCL	VOCs SW8260B 3 X 40- ml vial w/HCL	SVOCs SW8270C 2 X 1L Amber Glass	PAHs SW8270C SIM 2 X 1L Amber Glass	PCBs SW8082 2 X 1L Amber Glass	Metals SW6010B/~~7060A/7131A/7191~~ 7620 TAL ~~7421/7471~~ 1x1 L Poly w/HN03	Alkalinity EPA 310.1 1 x 1 L Poly	Sulfate EPA 300 1 x 1 L Poly	Methane, Ethane, Ethene RSK 175 3 x 40 ml glass vials w/ HCL	COMMENTS
8-25-01	1752	01NE09SW110	SW	7	X				X	X	X				

Please record Temperature Blank only in the space provided

Following receipt of sample, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett At (907) 248-8884

Relinquished by: Johanna L. Dreher Johanna L. Dreher Company: Montgomery Watson	Date 08-26-01 Time 1600	Shipped via: Goldstreak	Shipping number: 4218 3934
Received by: EJOshi Company: ARI	Date 8/26/01 Time 1125	Relinquished by: Company:	Date Time	Temperature blank temperature upon arrival: °C 3.0°
Received by: Company:	Date Time	Relinquished by: Company:	Date Time	Custody seal #s: 29, 30

Cooler Receipt Form

ANALYTICAL RESOURCES INCORPORATED

ARI Client: Montgomery Watson Project Name: NE CAPE

COC NO.: 01NEC60 Delivered By: AK airlines

Tracking NO.: 027 4218 3934 Date: 8-27-01

ARI Job No.: DN71 Lims NO.: 01-15092 to 01-15111

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached To the outside of the cooler?	(YES)	NO
2. Were custody papers included with the cooler	(YES)	NO
3. Were custody papers properly filled out (ink, signed etc.)?	(YES)	NO
4. Complete custody forms and attach all shipping documents	(OK)	NA

Cooler Accepted BY: SK Date: 8/28/01 Time: 1125

Log-IN Phase:

5. Was a temperature blank include in the cooler?	(YES)	NO
6. Record Cooler Temperature	3.0 °C	
7. What kind of packing material was used?	Bubble wrap	
8. Was sufficient ice used (if appropriate)?	(YES)	NO
9. Were all bottles sealed in separate plastic bags?	(YES)	NO
10. Did all bottles arrive in good condition (unbroken)?	(YES)	NO
11. Were all bottle labels complete and legible?	(YES)	NO
12. Did all bottle labels and tags agree with custody papers?	(YES)	NO
13. Were all bottles used correct for the requested analyses?	(YES)	NO
14. Do any of the analyses (bottles) require preservative? (If so, Preservation checklist must be attached)	(YES)	NO
15. Were all VOA vials free of air bubbles?	YES (NA)	NO
16. Was sufficient amount of sample sent in each bottle?	(YES)	NO
17. Notify Project Manager of any discrepancies or concerns	(OK)	NA

Cooler Opened By: SK Date: 8/28/01 Time 1125

Explain any discrepancies or negative responses:

New Job # DY58

ANALYTICAL RESOURCES INCORPORATED

Client: Montgomery Watson Harza	
Project NO.: Northeast Cape	

Change Order

ARI Job No.: DN68	
VTSR:	

Change made by: Eileen Mars	
Taken by: Sue Snyder	

Change Order Date: 12/17/01

Please Make the Following Changes:

Analyze the following samples for arsenic by ~~GFAAS~~. ICP-MS

01-15015-A (01NE21SS169) DN68-A8, B6, F1
01-15016-B (01NE21SS269)
01-15020-F (01NE09SD114)

15015-20

Change Order Acknowledged

Project Coordinator: Sue Snyder	
Extractions:	
Volatiles:	
GC/MS Lab:	
GC Lab:	
Metals:	
Conventionals:	
Data Section:	

M-26

New Job # DY39

ANALYTICAL RESOURCES INCORPORATED

Client: Montgomery – Watson Harza
Project NO.: Northeast Cape

Change Order

ARI Job No.: DN69
VTSR:

Change made by: Eileen Maus
Taken by: Sue Snyder

Change Order Date: 12/17/01

Please Make the Following Changes:

Please analyze the following sample for arsenic by ~~EPA~~ ICP-MS.

Change Order Acknowledged

Project Coordinator:	Susan Snyder
Extractions:	
Volatiles:	
GC/MS Lab:	
GC Lab:	
Metals:	
Conventionals:	
Data Section:	

01-15058-A (01NE21SB169)
01-15059-B (01NE21SB170)
01-15060-C (01NE21SS170)
01-15061-D (01NE21SB171)
01-15062-E (01NE21SS171)
01-15063-F (01NE21SS172)
01-15064-G (01NE21SS173)
01-15065-H (01NE21SD113)
01-15066-I (01NE21SD114)

Analytical Resources, Inc.

Revision 1 (6/89)

M-26

000005

New Job # DN47

ANALYTICAL RESOURCES INCORPORATED

Client:	Montgomery Watson
Project NO.:	Northeast Cape

Change Order

ARI Job No.:	DN07
VTSR:	9/15/01

Change made by:	Eileen Maus
Taken by:	Sue Snyder

Change Order Date: 12/17/01

Please Make the Following Changes:

Run As by ~~GFMS~~ ICP-MS for: 5 samples

01-14459 - K (01NE06SD116) - 20u

01-14460 - L (01NE06SD117) - 6u

~~01-14462 - N (01NE07SS125)~~

01-14463 - O (01NE07SS126) - 30u

~~01-14464 - P (01NE07SS127)~~

01-14465 - Q (01NE07SD105) - 20u

01-14466 - R (01NE07SD104) - 20u

Change Order Acknowledged

Project Coordinator:	Sue Snyder
Extractions:	N/A
Volatiles:	
GC/MS Lab:	
GC Lab:	↓
Metals:	
Conventionals:	
Data Section:	↓

Susan Snyder

From: <Eileen.M.Maus@us.mwhglobal.com>
To: "Susan Snyder" <susan@arilabs.com>
Sent: Monday, December 31, 2001 4:14 PM
Subject: NEC and As WO# DY36, 38, 39, 41, 42

Hello Sue,

Hope this finds you well. Thank you for taking care of the As issue.

The sample summary looks good - all As ND above 2 accounted for. : -)

Thank you,
Eileen

New Job # DY56

ANALYTICAL RESOURCES INCORPORATED

Client: Montgomery Watson Harza
Project NO.: Northeast Cape

Change Order

ARI Job No.: DN 76
VTSR:

DN76
15139-43

Change made by: Eileen Mares
Taken by: Sue Snyder

Change Order Date: 12/17/01

Change Order Acknowledged

Project Coordinator: Susan Snyder
Extractions:
Volatiles:
GC/MS Lab:
GC Lab:
Metals:
Conventionals:
Data Section:

Please Make the Following Changes:

analyze the samples listed below for arsenic by ~~GFAAS~~. ICP-MS

01-15142-D (01NE09SD107)
01-15143-E (01NE09SD108)
01-15187-F (01NE30SS101)
01-15188-G (01NE30SD101)
01-15189-H (01NE30SS103)
01-15190-I (01NE30SS102)
01-15191-J (01NE09SD109)
01-15192-K (01NE09SD213)
01-15193-L (01NE24SD114)
01-15194-M (01NE24SD115)
01-15196-O (01NE30SS201)
01-15197-P (01NE09SD113)

DN76-91
15142

Analytical Resources, Inc.

Revision 1 (6/89)

500005

M-47

New Job # DY41

ANALYTICAL RESOURCES INCORPORATED

Client: Montgomery Watson	
Project NO.: Northeast Cape	

Change Order

ARI Job No.: DN 40	
VTSR:	

Change made by: Eileen Maus	
Taken by: Sue Snyder	

Change Order Date: 12/17/01

Please Make the Following Changes:

The following samples need to be analyzed by GFAAS for Arsenic

01-14754-E (01NE2950128)
01-14755-F (01NE2950129)
01-14762-M (01NE2950127)
01-14763-N (01NE2950126)

Change Order Acknowledged

Project Coordinator: Sue Snyder	
Extractions:	
Volatiles:	
GC/MS Lab:	
GC Lab:	
Metals:	
Conventionals:	
Data Section:	

M-24

Archive Box 2838

900000

Northeast Cape, St. Lawrence Island Alaska. 2001 Chain of Custody

DN76

CoolerID/COC#: ✓
Ø1NEC44

Montgomery Watson
Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
~~Sound Analytical Services~~ Analytical Resources Inc
~~4813 Pacific Hwy. East~~ 333 Ninth Avenue North
~~Tacoma, WA. 98424~~ Seattle, WA 98109-5187
~~(253) 922-2310~~ (206) 389-6166
Fax ~~(253) 922-5047~~ FAX (206) 621-7523
Attn: ~~Dawn Werner~~ Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

Sampler's signature: Douglas Quist Melissa Markell

Date	Time	Sample ID	Matrix	Total Containers	SOIL, Cool to 4°C: DRO/RRO AK102/103 1 x 4oz. amber glass jar	GRO/BTEX AK 101/SW8021 B 1 x 4oz. glass jar w/ MeOH	VOCs (high level) SW8260B 1 x 4oz. glass jar w/ MeOH	VOCs (low level) SW8260B 2 x 40ml. glass vials w/NaSO4	PAHs SW8270C SIM 1 x 4oz. amber glass jar	PCBs SW8082 1 x 4oz. amber glass jar	TAL Metals SW6010B/7000 1 x 4oz. amber glass jar	~~TOC lab method~~ Pb SW 7421 1 x 4oz. amber glass jar	COMMENTS
8-23-01	1355	Ø1NE16SS165	SS	3						X ✓		X ✓	MS/MSD Pb only
8-23-01	1400	Ø1NE16SS265	SS	1								X ✓	
8-23-01	1415	Ø1NE16SS166	SS	2						X ✓		X ✓	
8-23-01	~~1540~~ 1440	Ø1NE09SD107	SD	4	X ✓				X ✓	X ✓	X ✓		
8-23-01	1610	Ø1NE09SD108	SD	4	X ✓				X ✓	X ✓	X ✓		
8-23-01	1500	Ø1NE31SS105	SS	1	X								
8-23-01	1503	Ø1NE31SS205	SS	1	X								
8-23-01	1505	Ø1NE31SS106	SS	1	X								
8-23-01	1510	Ø1NE31SS107	SS	1	X								
8-23-01	1515	Ø1NE31SS108	SS	1	X								
8-23-01	1520	Ø1NE31SS109	SS	1	X								
8-23-01	1525	Ø1NE31SS110	SS	1	X								
8-23-01	1530	Ø1NE31SS111	SS	1	X								
8-23-01	1535	Ø1NE31SS112	SS	1	X								
8-23-01	1540	Ø1NE31SS113	SS	1	X								
8-23-01	1545	Ø1NE31SS114	SS	1	X								

Please record temperature blank only in the space provided

Following receipt of sample cooler, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett at (907) 248-8884

Relinquished by: Johanna L. Dreher	Date 08-26-01	Shipped via: Goldstreak	Shipping number: 4218 3875
Company: Montgomery Watson	Time 1600		
Received by: Joshi	Date 8/28/01	Relinquished by:	Date
Company: AR 1	Time 1310	Company:	Time
Received by:	Date	Relinquished by:	Date
Company:	Time	Company:	Time

Temperature blank temperature upon arrival 5.8 °C °C
TB on TOP of ice; samples ice 5°C
Custody seal #s: 1, 2

Northeast Cape, St. Lawrence Island Alaska. 2001 Chain of Custody

DN76

CoolerID/COC#: ✓
Ø1NEC56

Montgomery Watson
Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

Sampler's signature: Johnna Dreher Melissa Markell

Date	Time	Sample ID	Matrix	Total Containers	SOIL, Cool to 4°C: DRO/RRO AK102/103 1 x 4oz. amber glass jar	BTEX SW 8260B 1 x 2oz. Glass jar w/MeOH	GRO AK101 1 x 2oz. glass jar w/MeOH	TPC lab Method 1 x 2oz. glass jar w/MeOH	PAHs SW8270C SIM 1 x 4oz. amber glass jar	PCBs SW8082 1 x 4oz. amber glass jar	TAL Metals SW6010B/7000 1 x 4oz. amber glass jar	Pesticides SW 8081 TOC lab Method 1 x 4oz. amber glass jar	COMMENTS
8-24-01	1725	01NE30SS101	SS	3	X ✓				X ✓		X ✓		
8-24-01	2020	01NE32SS105	SS	3	X ✓					X ✓		X ✓	
8-24-01	1730	01NE30SS201	SS	1							X ✓		
8-24-01	1705	01NE09SD109	SD	4	X ✓				X ✓	X ✓	X ✓		
8-24-01	1040	01NE20SD101	SD	3	X ✓				X ✓		X ✓		
8-24-01	1000	01NE30SS103	SS	3	X ✓				X ✓		X ✓		
8-24-01	1020	01NE20SS102	SS	3	X ✓				X ✓		X ✓		
8-24-01	0900	01NE24SD114	SD	3	X ✓					X ✓	X ✓		
8-24-01	0930	01NE24SD115	SD	3	X ✓					X ✓	X ✓		
8-24-01	0830	01NE09SD113	SD	7	X ✓			X ✓	X ✓	X ✓	X ✓		MS/MSD TAL metals DRO/RRO only
8-24-01	0855	01NE09SD213	SD	4	X ✓				X ✓	X ✓	X ✓		

Please record Temperature Blank only in the space provided

Following receipt of sample cooler, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett at (907) 248-8884

Relinquished by: Johanna L. Dreher	Date 08-26-01	Shipped via: Goldstreak	Shipping number: 4218 3831
Company: Montgomery Watson	Time 1600		
Received by: EJOSH	Date 8/28/01	Relinquished by:	Date
Company: ARI	Time 1316	Company:	Time
Received by:	Date	Relinquished by:	Date
Company:	Time	Company:	Time

Temperature blank temperature upon arrival: 4.5 °C

Custody seal #s: 21, 22

Cooler Receipt Form

ANALYTICAL RESOURCES INCORPORATED

ARI Client: Montgomery Watson Project Name: NE Cape

COC NO.: 01NEC44 Delivered By: AK Airlines

Tracking NO.: 027 4218 3575 Date: 8-28-01

ARI Job No.: DN76 Lims NO.: 01-15139 to 01-15143, 15187-15197

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached
   To the outside of the cooler? ..... (YES) NO
2. Were custody papers included with the cooler ..... (YES) NO
3. Were custody papers properly filled out (ink, signed etc.)? ..... (YES) NO
4. Complete custody forms and attach all shipping documents ..... (OK) NA

Cooler Accepted BY: cy Date: 8/28/01 Time: 1310

Log-IN Phase:

5. Was a temperature blank include in the cooler? ..... (YES) NO
6. Record Cooler Temperature ..... 5.0 °C
7. What kind of packing material was used? ..... Bubble wrap
8. Was sufficient ice used (if appropriate)? ..... (YES) NO
9. Were all bottles sealed in separate plastic bags? ..... (YES) NO
10. Did all bottles arrive in good condition (unbroken)? ..... (YES) NO
11. Were all bottle labels complete and legible? ..... (YES) NO
12. Did all bottle labels and tags agree with custody papers? ..... (YES) NO
13. Were all bottles used correct for the requested analyses? ..... (YES) NO
14. Do any of the analyses (bottles) require preservative?
    (If so, Preservation checklist must be attached) ..... YES (NO)
15. Were all VOA vials free of air bubbles? ..... YES NA NO
16. Was sufficient amount of sample sent in each bottle? ..... (YES) NO
17. Notify Project Manager of any discrepancies or concerns ..... (OK) NA

Cooler ~~Opened~~ Logged By: EJ Date: 8/29/01 Time 8:10

Explain any discrepancies or negative responses:

Cooler Receipt Form

ANALYTICAL RESOURCES INCORPORATED

ARI Client: MONTGOMERY WATSON Project Name: NECAPE

COC NO.: 01NEC56 Delivered By: AK AIRLINES

Tracking NO.: 0274218 3531 Date: 8-28-01

ARI Job No.: DN76 Lims NO.: 01-15139 to 01-15143, 15187-15197

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached To the outside of the cooler?	(YES)	NO
2. Were custody papers included with the cooler	(YES)	NO
3. Were custody papers properly filled out (ink, signed etc.)?	(YES)	NO
4. Complete custody forms and attach all shipping documents	(OK)	NA

Cooler Accepted BY: SJ Date: 8/28/01 Time: 1310

Log-IN Phase:

5. Was a temperature blank include in the cooler?	(YES)	NO
6. Record Cooler Temperature	4.5 °C	
7. What kind of packing material was used?	Bubble wrap	
8. Was sufficient ice used (if appropriate)?	(YES)	NO
9. Were all bottles sealed in separate plastic bags?	(YES)	NO
10. Did all bottles arrive in good condition (unbroken)?	(YES)	NO
11. Were all bottle labels complete and legible?	(YES)	NO SJ
12. Did all bottle labels and tags agree with custody papers?	(YES)	NO
13. Were all bottles used correct for the requested analyses?	(YES)	NO
14. Do any of the analyses (bottles) require preservative? (If so, Preservation checklist must be attached)	YES	(NO)
15. Were all VOA vials free of air bubbles?	YES N A	NO
16. Was sufficient amount of sample sent in each bottle?	(YES)	NO
17. Notify Project Manager of any discrepancies or concerns	(OK)	NA

Cooler ~~Opened~~ logged By: SJ Date: 8/29/01 Time 1000

Explain any discrepancies or negative responses:

FOR SAMPLE 01NE09SD213 PCB/PAH + metals bottle labels are 01NE09SD214 (time=835) LIDS = 09SD213 SJ 8/29/01 NOTIFIED PM.

Northeast Cape, St. Lawrence Island Alaska. 2001 Chain of Custody

DN76

CoolerID/COC#: Ø1NEC44

Montgomery Watson Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

Sampler's signature: Bonnie McRae Douglas Quist

Date	Time	Sample ID	Matrix	Total Containers	DRO/RRO AK102/103 1 x 4oz. amber glass jar	BTEX SW 8260B 1 x 2oz. Glass jar w/MeOH	GRO AK101 1 x 2oz. glass jar w/MeOH	VOCs SW8260B 1 x 2oz. glass jar w/MeOH	PAHs SW8270C SIM 1 x 4oz. amber glass jar	PCBs SW8082 1 x 4oz. amber glass jar	Metals SW6010B/7000 1 x 4oz. amber glass jar	TOC lab method 1 x 4oz. amber glass jar	COMMENTS
8-23-01	1550	Ø1NE31SS115	SS	1	X								
8-23-01	1555	Ø1NE31SS116	SS	1	X								
8-23-01	1600	Ø1NE31SS117	SS	1	X								
8-23-01	1605	Ø1NE31SS118	SS	1	X								
8-23-01	1610	Ø1NE31SS119	SS	1	X								
8-23-01	1615	Ø1NE31SS124	SS	1	X								
8-23-01	1620	Ø1NE31SS224	SS	1	X								
8-23-01	1630	Ø1NE31SS125	SS	1	X								

Please record Temperature Blank only in the space provided

Following receipt of sample cooler, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett at (907) 248-8884

Relinquished by: Johanna L. Dreher	Date 08-26-01	Shipped via: Gold Streak	Shipping number: 4218 3875
Company: Montgomery Watson	Time 1600		
Received by: Yoshi	Date 8/28/01	Relinquished by:	Date
Company: ARI	Time 1310	Company:	Time
Received by:	Date	Relinquished by:	Date
Company:	Time	Company:	Time

Temperature blank temperature upon arrival: 5.8 °C
TB on TOP of ice; Sample @ 5°C (IR)

Custody seal #s: 1, 2

Northeast Cape, St. Lawrence Island, Alaska: 2001 Chain of Custody

DN78 01-15168 to 01-15186

CoolerID/COC#: ✓
Ø1NEC44

Montgomery Watson
Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
~~Sound Analytical Services~~ Analytical Resources Inc
~~4813 Pacific Hwy. East~~ 333 Ninth Avenue North
~~Tacoma, WA. 98424~~ Seattle, WA 98109-5187
~~(253) 922-2310~~ (206) 389-6166
Fax ~~(253) 922-5047~~ FAX (206) 621-7523
Attn: ~~Dawn Werner~~ Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

Sampler's signature: Douglas Quist / Melissa Markell

Date	Time	Sample ID	Matrix	Total Containers	SOIL, Cool to 4°C: DRO/RRO AK102/103 1 x 4oz. amber glass jar	GRO/BTEX AK 101/SW8021 B 1 x 4oz. glass jar w/ MeOH	VOCs (high level) SW8260B 1 x 4oz. glass jar w/ MeOH	VOCs (low level) SW8260B 2 x 40ml. glass vials w/NaSO4	PAHs SW8270C SIM 1 x 4oz. amber glass jar	PCBs SW8082 1 x 4oz. amber glass jar	TAL Metals SW6010B/7000 1 x 4oz. amber glass jar	TOC lab method Pb Sw 7421 1 x 4oz. amber glass jar	COMMENTS
8-23-01	1355	Ø1NE16SS165	SS	3						X		X	MS/MSD Pb only
8-23-01	1400	Ø1NE16SS265	SS	1								X	
8-23-01	1415	Ø1NE16SS166	SS	2						X		X	
8-23-01	~~1540~~ 1545	Ø1NE09SD107	SD	4	X				X	X	X		
8-23-01	1610	Ø1NE09SD108	SD	4	X				X	X	X		
8-23-01	1500	Ø1NE31SS105	SS	1	X								
8-23-01	1503	Ø1NE31SS205	SS	1	X								
8-23-01	1505	Ø1NE31SS106	SS	1	X								
8-23-01	1510	Ø1NE31SS107	SS	1	X								
8-23-01	1515	Ø1NE31SS108	SS	1	X								
8-23-01	1520	Ø1NE31SS109	SS	1	X								
8-23-01	1525	Ø1NE31SS110	SS	1	X								
8-23-01	1530	Ø1NE31SS111	SS	1	X								
8-23-01	1535	Ø1NE31SS112	SS	1	X								
8-23-01	1540	Ø1NE31SS113	SS	1	X								
8-23-01	1545	Ø1NE31SS114	SS	1	X								

Please record temperature blank only in the space provided

Following receipt of sample cooler, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett at (907) 248-8884

Relinquished by: Johanna L. Dreher / Johanna L. Dreher	Date 08-24-01	Shipped via: Goldstreak	Shipping number: 4218 3875
Company: Montgomery Watson	Time 1600		
Received by:	Date 8/28/01	Relinquished by:	Date
Company: ARI	Time 1310	Company:	Time
Received by:	Date	Relinquished by:	Date
Company:	Time	Company:	Time

Temperature blank temperature upon arrival 5.5 °C °C
TB on Top of ice; Samples (ice) 5°C
Custody seal #s: 1, 2

Northeast Cape, St. Lawrence Island Alaska. 2001 Chain of Custody

DN 78

CoolerID/COC#: Ø1NEC44

Montgomery Watson Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

Sampler's signature: Bonnie McRae Douglas Quist

Date	Time	Sample ID	Matrix	Total Containers	DRO/RRO AK102/103 1 x 4oz. amber glass jar	BTEX SW 8260B 1 x 2oz. Glass jar w/MeOH	GRO AK101 1 x 2oz. glass jar w/MeOH	VOCs SW8260B 1 x 2oz. glass jar w/MeOH	PAHs SW8270C SIM 1 x 4oz. amber glass jar	PCBs SW8082 1 x 4oz. amber glass jar	Metals SW6010B/7000 1 x 4oz. amber glass jar	TOC lab method 1 x 4oz. amber glass jar	COMMENTS
8-23-01	1550	Ø1NE31SS115	SS	1	X								
8-23-01	1555	Ø1NE31SS116	SS	1	X								
8-23-01	1600	Ø1NE31SS111	SS	1	X								
8-23-01	1605	Ø1NE31SS118	SS	1	X								
8-23-01	1610	Ø1NE31SS119	SS	1	X								
8-23-01	1615	Ø1NE31SS124	SS	1	X								
8-23-01	1620	Ø1NE31SS224	SS	1	X								
8-23-01	1630	Ø1NE31SS125	SS	1	X								

Please record Temperature Blank only in the space provided

Following receipt of sample cooler, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett at (907) 248-8884

Relinquished by: Johanna L. Dreher	Date 08-26-01	Shipped via: Gold Streak	Shipping number: 4218 3875
Company: Montgomery Watson	Time 1600		
Received by: Gjoshi	Date 8/28/01	Relinquished by:	Date
Company: ARI	Time 1310	Company:	Time
Received by:	Date	Relinquished by:	Date
Company:	Time	Company:	Time

Temperature blank temperature upon arrival: 5.8 °C
TB on TOP of ice, Sample @ 5°C (IR)
Custody seal #s: 1, 2

DQ74 14

Northeast Cape, St. Lawrence Island Alaska. 2001 Chain of Custody

01-174-67

CoolerID/COC#: Ø1NEC74

Montgomery Watson Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

Sampler's signature: William A. O'Connell

Date	Time	Sample ID	Matrix	Total Containers	SOIL, Cool to 4°C: DRO/RRO AK102/103 1 x 4oz. amber glass jar	BTEX SW 8260B 1 x 2oz. Glass jar w/MeOH	GRO AK101 1 x 2oz. glass jar w/MeOH	VOCs SW8260B 1 x 2oz. glass jar w/MeOH	PAHs SW8270C SIM 1 x 4oz. amber glass jar	PCBs SW8082 1 x 4oz. amber glass jar	Metals SW6010B/7000 1 x 4oz. amber glass jar	Pesticides SW8081 ~~TOC tab method 1 x 4oz. amber glass jar~~	COMMENTS
9-24-01	1100	Ø1NE16S5167	S	1								X ✓	
9-24-01	1100	Ø1NE16S5168	S	1								X ✓	
9-24-01	1110	Ø1NE28SD183	S	1								X ✓	
9-24-01	1115	Ø1NE28SD184	S	1								X ✓	
9-24-01	1120	Ø1NE28SD185	S	1								X ✓	
9-24-01	1125	Ø1NE28SD186	S	1								X ✓	
9-24-01	1135	Ø1NE28SD187	S	1								X ✓	
9-24-01	1305	Ø1NE28SD188	S	1								X ✓	
9-24-01	1300	Ø1NE28SD189	S	1								X ✓	
9-24-01	1140	Ø1NE28SD190	S	1								X ✓	
9-24-01	1145	Ø1NE28SD191	S	1								X ✓	
9-24-01	1150	Ø1NE28SD192	S	1								X ✓	
9-24-01	1155	Ø1NE28SD292	S	1								X ✓	
9-24-01	1130	Ø1NE28SD255	S	1								X ✓	

Please record Temperature Blank only in the space provided

Following receipt of sample cooler, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett at (907) 248-8884

Relinquished by: William A. O'Connell	Date 9-26-01	Shipped via: Gold Streak	Shipping number: 1725 8640
Company: Montgomery Watson	Time 1030		
Received by:	Date 9/27/01	Relinquished by:	Date
Company: A.R.I.	Time 1645	Company:	Time
Received by:	Date	Relinquished by:	Date
Company:	Time	Company:	Time

Temperature blank temperature upon arrival: 4.0 °C

Custody seal #s: 17501 17502

000007

Cooler Receipt Form

ANALYTICAL RESOURCES INCORPORATED

ARI Client: MONTGOMERY WATSON Project Name: NEC Soil Samples

COC NO.: 01NEC74 Delivered By: GoldStreak

Tracking NO.: 17258640 Date: 9/27/01

ARI Job No.: DQ74 Lims NO.: 01-17167 – 01-17180

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached To the outside of the cooler?	(YES)	NO
2. Were custody papers included with the cooler	(YES)	NO
3. Were custody papers properly filled out (ink, signed etc.)?	(YES)	NO
4. Complete custody forms and attach all shipping documents	(OK)	NA

Cooler Accepted BY: ERIC BRANSON Date: 9/27/01 Time: 1545

Log-IN Phase:

5. Was a temperature blank include in the cooler?	(YES)	NO
6. Record Cooler Temperature	4.0 °C	
7. What kind of packing material was used?	Bubble Wrap	
8. Was sufficient ice used (if appropriate)?	(YES)	NO
9. Were all bottles sealed in separate plastic bags?	(YES)	NO
10. Did all bottles arrive in good condition (unbroken)?	(YES)	NO
11. Were all bottle labels complete and legible?	(YES)	NO
12. Did all bottle labels and tags agree with custody papers?	(YES)	NO
13. Were all bottles used correct for the requested analyses?	(YES)	NO
14. Do any of the analyses (bottles) require preservative? (If so, Preservation checklist must be attached)	NA	YES NO
15. Were all VOA vials free of air bubbles?	NA	YES NO
16. Was sufficient amount of sample sent in each bottle?	(YES)	NO
17. Notify Project Manager of any discrepancies or concerns	(OK)	NA

Cooler Opened By: ERIC BRANSON Date: 9/27/01 Time 1640

Explain any discrepancies or negative responses:

										Soil							Groundwater						Geotechnical	
										DRO/RRO Ak 102/103	GRO AK101	BTEX SW8260B	PAHSIM SW8270C	PCB SW8082	Pb, Zn, Cr SW6020	TOC	DRO/RRO AK102/103	GRO AK101	BTEX SW8260B	Alkalinity EPA 300	Sulfate EPA 300	Methan, Ethane, Ethene, RSK 175	Sieve Analysis ASTM D-422, Specific Gravity ASTM D-854, Moisture Content ASTM D-2216	Dry Bulk Densit ASTM D-2937, Hydraulic Conductivity ASTM D-4511, Soil Porosity - Calculated
Sample ID	Sample Type	Media	Sample Location	Date 2002	Time	Depth	PID	Laboratory	COC #															
02NE88SB001	N	Soil	MW-1	08/14/02	1530	15.5-17.5	204	CAS	1,2	1	1	1	1	1	1	1								
02NE88SB001	MS/MSD	Soil	MW-1	08/14/02	1530	15.5-17.5	-	CAS	1,2	1	1	1	1	1	1	1								
02NE88SB002	N	Soil	MW-1	08/14/02	1600	17.5-20.0	98.7	CAS	1,2	1	1	1	1	1	1	1								
02NE88SB003	N	Soil	MW-2	08/14/02	1645	8.0-10.0	30.9	CAS	1,2	1	1	1	1	1	1	1								
02NE88SB004	N	Soil	MW-2	08/14/02	1700	10.0-12.0	13.8	CAS	1,2	1	1	1	1	1	1	1								
02NE88SB005	N	Soil	MW-3	08/15/02	1155	4.0-6.0	67.7	CAS	1,2	1	1	1	1	1	1	1								
02NE88SB006	N	Soil	MW-3	08/17/02	1110	16.0-18.0	185.8	CAS	1,2	1	1	1	1	1	1	1								
02NE88SB206	FD	Soil	MW-3	08/17/02	1110	16.0-18.0	-	CAS	1,2	1	1	1	1	1	1	1								
02NE88SB306	QA	Soil	MW-3	08/17/02	1110	16.0-18.0	-	STL	14	1	1	1	1	1	1	1								
02NE88SB007	N	Soil	MW-4	08/17/02	1320	9.0-11.0	284	CAS	1,2	1	1	1	1	1	1	1								
02NE88SB008	N	Soil	MW-4	08/17/02	1330	11.0-13.0	440	CAS	1,2	1	1	1	1	1	1	1								
02NE88SB009	N	Soil	MW-5	08/17/02	2000	1.0-3.0		CAS	1,2	1	1	1	1	1	1	1								
02NE88SB010	N	Soil	MW-5	08/17/02	2030	11.0-13.0		CAS	1,2	1	1	1	1	1	1	1								
02NE88SB011	N	Soil	MW-6	08/18/02	1145	7.0-9.0	185	CAS	1,2	1	1	1	1	1	1	1								
02NE88SB012	N	Soil	MW-6	08/18/02	1155	11.0-13.0	111	CAS	1,2	1	1	1	1	1	1	1								
02NE88SB013	N	Soil	MW-7	08/18/02	1335	7.0-9.0	695	CAS	1,2	1	1	1	1	1	1	1								
02NE88SB014	N	Soil	MW-7	08/18/02	1350	11.0-13.0	627	CAS	1,2	1	1	1	1	1	1	1								
02NE88SB015	N	Soil	MW-8	08/18/02	1700	10.0-12.0	1248*	CAS	9, 10	1	1	1	1	1	1	1								
02NE88SB016	N	Soil	MW-8	08/18/02	1720	14.0-16.0	>10,000*	CAS	9, 10	1	1	1	1	1	1	1								
02NE88SB016	MS/MSD	Soil	MW-8	08/18/02	1720	14.0-16.0		CAS	9, 10		1	1												
02NE88SB017	N	Soil	MW-9	08/19/02	1310	8.0-10.0	2876*	CAS	9, 10	1	1	1	1	1	1	1								
02NE88SB017	MS/MSD	Soil	MW-9	08/19/02	1310	8.0-10.0		CAS	9, 10	1			1	1	1									
02NE88SB018	N	Soil	MW-9	08/19/02	1355	20.0-22.0	342*	CAS	9, 10	1	1	1	1	1	1	1								
02NE88SB019	N	Soil	MW-10	08/19/02	1705	22.0-24.0	881*	CAS	9, 10	1	1	1	1	1	1	1								
02NE88SB020	N	Soil	MW-10	08/19/02	1715	24.0-26.0	352*	CAS	9, 10	1	1	1	1	1	1	1								
02NE88SB021	N	Soil	SB-11	08/17/02	1820	3.0-5.0		CAS	1,2	1	1	1	1	1	1	1								
02NE88SB022	N	Soil	SB-11	08/17/02	1840	7.0-9.0		CAS	1,2	1	1	1	1	1	1	1								
02NE88SB023	N	Soil	SB-12	08/20/02	1250	4.0-6.0	89	CAS	9, 10	1	1	1	1	1	1	1								
02NE88SB024	N	Soil	SB-12	08/20/02	1305	10.0-12.0	53	CAS	9, 10	1	1	1	1	1	1	1								
02NE88SB025	N	Soil	SB-13	08/20/02	1415	6.0-8.0	153	CAS	9, 10	1	1	1	1	1	1	1								
02NE88SB026	N	Soil	SB-13	08/20/02	1435	14.0-16.0	11.2	CAS	9, 10	1	1	1	1	1	1	1								
02NE88SB027	N	Soil	SB-14	08/20/02	1505	2.0-4.0	6080	CAS	9, 10	1	1	1	1	1	1	1								
02NE88SB028	N	Soil	SB-14	08/20/02	1530	12.0-14.0	150	CAS	9, 10	1	1	1	1	1	1	1								
02NE88SB029	N	Soil	SB-15	08/20/02	1730	10.0-12.0	[redacted]	CAS	9, 10	1	1	1	1	1	1	1								
02NE88SB030	N	Soil	SB-15	08/20/02	1735	12.0-14.0	133	CAS	9, 10	1	1	1	1	1	1	1								
02NE88SB031	N	Soil	SB-16	08/20/02	1850	6.0-8.0	1558	CAS	9, 10	1	1	1	1	1	1	1								
02NE88SB032	N	Soil	SB-16	08/20/02	1905	10.0-12.0	2672	CAS	9, 10	1	1	1	1	1	1	1								
02NE88SB033	N	Soil	SB-17	08/21/02	1500	8.0-10.0	>10,000	CAS	12, 13	1	1	1	1	1	1	1								
02NE88SB034	N	Soil	SB-17	08/21/02	1510	12.0-14.0	>10,000	CAS	12, 13	1	1	1	1	1	1	1								
02NE88SB234	FD	Soil	SB-17	08/21/02	1515	-	-	CAS	12, 13	1	1	1	1	1	1	1								
02NE88SB035	N	Soil	SB-18	08/21/02	1555	8.0-10.0	[redacted]	CAS	12, 13	1	1	1	1	1	1	1								
02NE88SB035	QA	Soil	SB-18	08/21/02	1600			STL	14	1	1	1	1	1	1	1								
02NE88SB035	QA MS/MSD	Soil	SB-18	08/21/02	1600			STL	14	1	1	1	1	1	1	1								
02NE88SB036	N	Soil	SB-18	08/21/02	1605	10.0-12.0	[redacted]	CAS	12, 13	1	1	1	1	1	1	1								
02NE88SB236	FD	Soil	SB-18	08/21/02	1607	-	-	CAS	12, 13	1	1	1	1	1	1	1								
02NE88SB037	N	Soil	SB-22-1	08/22/02	1400	28.0-30.0	0	CAS	12, 13	1	1	1	1	1	1	1								
02NE88SB237	FD	Soil	SB-22-1	08/22/02	1405	-	-	CAS	12, 13	1	1	1	1	1	1	1								
02NE88SB038	N	Soil	SB-22-1	08/22/02	1410	30.0-32.0	0	CAS	12, 13	1	1	1	1	1	1	1								
02NE88SB338	QA	Soil	SB-22-1	08/22/02	1415			STL	14	1	1	1	1	1	1	1								
02NE88SB039	N	Soil	SB-22-2	08/22/02	1935	26.0-28.0	0	CAS	12, 13	1	1	1	1	1	1	1								
02NE88SB239	FD	Soil	SB-22-2	08/22/02	1940	-	-	CAS	12, 13	1	1	1	1	1	1	1								
02NE88SB040	N	Soil	SB-22-2	08/22/02	1950	28.0-30.0	0	CAS	12, 13	1	1	1	1	1	1	1								
02NE88SB340	QA	Soil	SB-22-2	08/22/02	1955			STL	14	1	1	1	1	1	1	1								
02NE88SB041	N	Soil	SB-6	08/18/02	1140	4.0-6.0	90.8	R&M	15														1	1
02NE88SB042	N	Soil	SB-9	08/19/02	1315	10.0-12.0		R&M	15														1	1
02NE88SB043	N	Soil	SB-16	08/20/02	1900	7.0-9.0		R&M	15														1	1
02NE88SB044	N	Soil	SB-18	08/21/02	1605	9.0-11.0		R&M	15														1	1
02NE88GW001	N	Groundwater	MW-1	08/17/02	1400	-	-	CAS	3								1	1	1	1	1	1		
02NE88GW002	N	Groundwater	MW-2	08/17/02	1700	-	-	CAS	3								1	1	1	1	1	1		
02NE88GW003	N	Groundwater	MW-3	08/19/02	1230	-	-	CAS	5, 6, 7								1	1	1	1	1	1		
02NE88GW004	N	Groundwater	MW-4	08/19/02	1400	-	-	CAS	5, 6, 7								1	1	1	1	1	1		
02NE88GW204	FD	Groundwater	MW-4	08/19/02	1410	-	-	CAS	5, 6, 7								1	1	1	1	1	1		
02NE88GW304	QA	Groundwater	MW-4	08/19/02	1420	-	-	STL	8								1	1	1	1	1	1		
02NE88GW304	QA MS/MSD	Groundwater	MW-4	08/19/02	1420	-	-	STL	8								1	1	1					
02NE88GW005	N	Groundwater	MW-5	08/19/02	1500	-	-	CAS	5, 6, 7								1	1	1	1	1	1		
02NE88GW006	N	Groundwater	MW-6	08/20/02	1300	-	-	CAS	5, 6, 7								1	1	1	1	1	1		
02NE88GW007	N	Groundwater	MW-7	08/20/02	1400	-	-	CAS	5, 6, 7								1	1	1	1	1	1		
02NE88GW007	MS/MSD	Groundwater	MW-7	08/20/02	1400	-	-	CAS	5, 6, 7								1	1	1	1	1	1		
02NE88GW008	N	Groundwater	MW-8	08/20/02	1500	-	-	CAS	5, 6, 7								1	1	1	1	1	1		
02NE88GW009	N	Groundwater	MW-9	08/21/02	1500	-	-	CAS	11								1	1	1	1	1	1		
02NE88GW010	N	Groundwater	MW-10	08/21/02	1400	-	-	CAS	11								1	1	1	1	1	1		
02NE88TB001	Trip Blank	Soil	-	08/14/02	2100	-	-	CAS	2									1	1					
02NE88TB002	Trip Blank	Water	-	08/17/02	2100	-	-	CAS	3									1	1			1		
02NE88TB003	Trip Blank	Water	-	08/19/02	2100	-	-	CAS	5									1	1			1		
02NE88TB004	Trip Blank	Water	-	08/19/02	2100	-	-	STL	8									1	1					
02NE88TB005	Trip Blank	Soil	-	08/18/02	2100	-	-	CAS	10									1	1					
02NE88TB006	Trip Blank	Water	-	08/19/02	2100	-	-	CAS	11									1	1			1		
02NE88TB007	Trip Blank	Soil	-	08/21/02	2100	-	-	CAS	12									1	1					
02NE88TB008	Trip Blank	Soil	-	08/17/02	2100	-	-	STL	14									1	1					
02NE88EB001	Equipment Blank	Water	-	08/14/02	2100	-	-	CAS	3									1	1					
02NE88EB002	Equipment Blank	Water	-	08/17/02	2100	-	-	CAS	3									1	1					
02NE88EB003	Equipment Blank	Water	-	08/18/02	2100	-	-	CAS	3									1	1					
02NE88EB004	Equipment Blank	Water	-	08/19/02	2100	-	-	CAS	11									1	1					
02NE88EB005	Equipment Blank	Water	-	08/20/02	2100	-	-	CAS	11									1	1					

COC # 02NE_1

2002 Northeast Cape 1850574.260120		SOIL				WATER				
FROM: MWH 4100 Spenard Road Anchorage AK 99517 (907)248-8883 Fax (907) 248-8884 ATTN: Johanna Dreher	TO: Columbia Analytical Services 1317 South 13th Avenue Kelso, WA 98626 Phone: 360-577-7222 Fax: 360-636-1068 Attn: Mingta Lin	DRO/RRO AK102/103, PAH SIM SW8270C, PCB SW8082, Lead, Zinc, Chromium SW6020, TOC by lab SOP	BTEX SW8260B	GRO AK101	Spare	Sulfate EPA 300 Alkalinity EPA 300	BTEX SW8260B GRO AK101	Methane, Ethane, Ethene RSK 175	DRO/RRO AK102/103	30 day Turn-Around-Time COELT EDD Hardcopy Deliverable BOA Option 2 Please FAX a copy of COC and Sample Check-in form to: Gerald Archibald at (907)753-2636 Phone: (907)753-2691 Sandra Kimbrell at (907) 353-7070
Sampler's Signature Douglas Quist	Bonnie McWilliams Quist									

Date 2002	Time	Sample ID	Matrix	Cont. Count								
8/14	1530	02NE88SB001	S	3	X			X				MS/MSD
8/14	1600	02NE88SB002	S	2	X			X				
8/14	1645	02NE88SB003	S	2	X			X				
8/14	1700	02NE88SB004	S	2	X			X				
8/15	1155	02NE88SB005	S	2	X			X				
8/17	1110	02NE88SB006	S	2	X			X				
8/17	1320	02NE88SB007	S	2	X			X				
8/17	1330	02NE88SB008	S	2	X			X				
8/17	2000	02NE88SB009	S	2	X			X				
8/17	2030	02NE88SB010	S	2	X			X				
8/17	1820	02NE88SB021	S	2	X			X				
8/17	1840	02NE88SB022	S	1	X							
8/17	1200	02NE88SB206	S	2	X			X				

Relinquished by: Douglas Quist	Date 8/19/02 Time 0830	Shipped Via Alaska Airlines Goldstreak Air Bill # 4974 2803	
Received for Laboratory by:	Date Time	Cooler Temperature Upon Arrival °C	Laboratory Notified Call or Faxed

2002 Northeast Cape

COC # 02NE_1_

2002 Northeast Cape
1850574.260120

FROM:
MWH 4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
ATTN: Johanna Dreher

TO:
Columbia Analytical Services
1317 South 13th Avenue
Kelso, WA 98626
Phone: 360-577-7222
Fax: 360-636-1068
Attn: Mingta Lin

Sampler's Signature: Douglas Quist, William McDonald Bommarito

Date 2002	Time	Sample ID	Matrix	Number of Containers	SOIL: DRO/RRO AK102/103, PAH SIM SW8270C, PCB SW8082, Lead, Zinc, Chromium SW6020, TOC by lab SOP	SOIL: BTEX SW8260B	SOIL: GRO AK101	SOIL: Spare	WATER: Sulfate EPA 300 Alkalinity EPA 300	WATER: BTEX SW8260B GRO AK101	WATER: Methane, Ethane, Ethene RSK 175	WATER: DRO/RRO AK102/103	Comments
					1 Glass, 4oz Jar	2 VOA Vials	2 VOA Vials	1 Glass, 4oz Jar	1 Plastic	3 VOA Vials	3 VOA Vials	2 Amber Liters HCl	
8/18	1145	O2NE88SB011	S	2	X			X					
8/18	1155	O2NE88SB012	S	2	X			X					
8/18	1335	O2NE88SB013	S	2	X			X					
8/18	1350	O2NE88SB014	S	2	X			X					

30 day Turn-Around-Time
COELT EDD
Hardcopy Deliverable BOA Option 2
Please FAX a copy of COC and Sample Check-in form to:
Gerald Archibald at (907)753-2636 Phone: (907)753-2691
Sandra Kimbrell at (907) 353-7070

Relinquished by: Douglas Quist
Date 8/19/02
Time 0830

Received for Laboratory by:
Date
Time

Shipped Via Alaska Airlines Goldstreak Air Bill # 4974 2803

Cooler Temperature Upon Arrival °C

Laboratory Notified Call or Faxed

Columbia Analytical Services Inc.
Cooler Receipt And Preservation Form

Project/Client M Watson Work Order K22 05725

Cooler received on 5/20/02 and opened on 5/20/02 by TBlack

1.	Were custody seals on outside of cooler? (Y) N If yes, how many and where? Front						
2.	Were seals intact and signature & date correct? (Y) N						
3.	COC #	02NE2	02NE7	____	____	____	
	Temperature of cooler(s) upon receipt:	0.8	1.0	____	____	____	
	Temperature Blank:	-0.1	0.7	____	____	____	
4.	Were custody papers properly filled out (ink, signed, etc.)? (Y) N						
5.	Type of packing material present gel packs - bwrap - bags						
6.	Did all bottles arrive in good condition (unbroken)? (Y) N						
7.	Were all bottle labels complete (*i.e.* analysis, preservation, etc.)? (Y) N						
8.	Did all bottle labels and tags agree with custody papers? (Y) N						
9.	Were the correct types of bottles used for the tests indicated? (Y) N						
10.	Were all of the preserved bottles received at the lab with the appropriate pH? Y (N)						
11.	Were VOA vials checked for absence of air bubbles, and if present, noted below? ~~Y N~~						
12.	Did the bottles originate from CAS/K or a branch laboratory? (Y) N						
13.	Are CWA Microbiology samples received with > ½ the 24 hr. hold time remaining from collection? ~~Y N~~						
14.	Was CL2/Residual negative? ~~Y N~~						

Explain any discrepancies: _____

RESOLUTION: _____

Samples that required preservation or received out of temperature:

Sample ID	Reagent	Volume	Lot Number	Bottle Type	Rec'd out of Temperature	Initials

GoldStreak Alaska Airlines

1850574.260120

www.ALASKAAIR.com
1-800-2ALASKA

P.O. Box 68900
Seattle, WA 98168

Airline	Origin	AIR WAYBILL Number
027-		4974 2803

Shipper to complete all shaded areas

From Shipper:

Address: | Phone:

City: | State: | Zip Code:

I certify that this shipment does not contain any unauthorized explosives, destructive devices or hazardous materials.

Shipper's Signature X | PRINTED NAME | Date

Domestic ☒ | International ☐

Insured Value | Declared Value For Customs

Airport of Departure | First Carrier | Airport of Destination

Nature and Quantity of Goods:

Handling Information:
Portland

To Consignee: (Complete Consignee information required on package)
Columbia Analytical Services, Inc ATTN: Mingta Li

Address: 1317 South 13th Ave | Phone: 360/577-7222

City: Kelso | State: WA | Zip Code 98626

Consignee's Printed Name - Signature (Received in Good Order Except as Noted) | Time a.m. p.m. | Date

Airline	Origin	AIR WAYBILL Number
027-		4974 2803

GoldStreak Alaska Airlines

This is a non-negotiable AIR WAYBILL subject to the terms and conditions set forth on the reverse of shippers copy.

Total Pieces | Total Weight

Form of Payment
☐ Cash ☐ Check ☐ GBL—Attach GBL
☐ AS / QX Account Number
☐ Credit Card Number
Validata Approval (Required for all except cash and GBL)

CHECK ONE ONLY
☒ AIRPORT TO AIRPORT SERVICE

PICK-UP ONLY ☐ | DELIVERY ONLY ☐ | DOOR TO DOOR ☐

Executed By: Date/Time a.m. p.m.

Carrier	Flight	Destination	E.T.A.
AS			

Remarks

MULTIPLE PIECES FOR AS FLIGHTS ONLY
Please ✓ If Live Animal ☐

PCS.	WT. RANGE	RATE	CHARGE
	GSX LETTER		
	1-15		
	16-50		
1	51-70	95	
	71-100		
	Subtotal Charges		

AS COURIER CHARGES

Other Charges

1st Carrier	
2nd Carrier	
3rd Carrier	
Tax (Offline only)	
Pickup (NON AS COURIER)	
Delivery (NON AS COURIER)	
Special Service	
Insurance	
TOTAL	

Door-To-Door Service: (800) 634-7113

10. Original Invoice

COC # 02NE 2

2002 Northeast Cape 1850574.260120		SOIL				WATER				
FROM: MWH 4100 Spenard Road Anchorage AK 99517 (907)248-8883 Fax (907) 248-8884 ATTN: Johanna Dreher	TO: Columbia Analytical Services 1317 South 13th Avenue Kelso, WA 98626 Phone: 360-577-7222 Fax: 360-636-1068 Attn: Mingta Lin	DRO/RRO AK102/103, PAH SIM SW8270C, PCB SW8082, Lead, Zinc, Chromium SW6020, TOC by lab SOP	BTEX SW8260B	GRO AK101	Spare	Sulfate EPA 300 Alkalinity EPA 300	BTEX SW8260B GRO AK101	Methane, Ethane, Ethene RSK 175	DRO/RRO AK102/103	30 day Turn-Around-Time COELT EDD Hardcopy Deliverable BOA Option 2 Please FAX a copy of COC and Sample Check-in form to: Gerald Archibald at (907)753-2636 Phone: (907)753-2691 Sandra Kimbrell at (907) 353-7070

Sampler's Signature: Douglas Quist Bonnie McDonald Willard A. Lindell

Date 2002	Time	Sample ID	Matrix	# of containers									
8/14	1530	02NE88SB001	S	6		X	X						MS/MSD
8/14	1600	02NE88SB002	S	2		X	X						
8/14	1645	02NE88SB003	S	2		X	X						
8/14	1700	02NE88SB004	S	2		X	X						
8/15	1155	02NE88SB005	S	2		X	X						
8/17	1110	02NE88SB006	S	2		X	X						
8/17	1320	02NE88SB007	S	2		X	X						
8/17	1330	02NE88SB008	S	2		X	X						
8/17	2000	02NE88SB009	S	2		X	X						
8/17	2030	02NE88SB010	S	2		X	X						
8/17	1820	02NE88SB021	S	2		X	X						
8/17	1840	02NE88SB022	S	2		X	X						
8/17	1200	02NE88SB206	S	2		X	X						

Relinquished by: Douglas Quist — Date 8/19/02, Time 0830

Shipped Via Alaska Airlines Goldstreak Air Bill # 4974 2711

Received for Laboratory by: — Date — Time

Cooler Temperature Upon Arrival °C

Laboratory Notified Call or Faxed

COC # 02NE 2

2002 Northeast Cape 1850574.260120		SOIL				WATER				
FROM: MWH 4100 Spenard Road Anchorage AK 99517 (907)248-8883 Fax (907) 248-8884 ATTN: Johanna Dreher	TO: Columbia Analytical Services 1317 South 13th Avenue Kelso, WA 98626 Phone: 360-577-7222 Fax: 360-636-1068 Attn: Mingta Lin	DRO/RRO AK102/103, PAH SIM SW8270C, PCB SW8082, Lead, Zinc, Chromium SW6020, TOC by lab SOP	BTEX SW8260B	GRO AK101	Spare	Sulfate EPA 300 Alkalinity EPA 300	BTEX SW8260B GRO AK101	Methane, Ethane, Ethene RSK 175	DRO/RRO AK102/103	30 day Turn-Around-Time COELT EDD Hardcopy Deliverable BOA Option 2 Please FAX a copy of COC and Sample Check-in form to: Gerald Archibald at (907)753-2636 Phone: (907)753-2691 Sandra Kimbrell at (907) 353-7070
Sampler's Signature Douglas Quist		1 Column 1 unpreserved	10 mL Purge & Trap MeOH	40 mL Purge & Trap MeOH	Archive plastic Bottle	250 mL Amber Unpres	40 mL VOA Vials HCl	40 mL VOA Vials HCl	2 x 500 mL Amber Unpres	
		Soil Jar	Soil Jar	Soil Jar	Soil Jar	1LU bottle	VOA Vials	VOA Vials	2 bottles	

Date 2002	Time	Sample ID	Matrix	# Containers									
8/18	1145	02NE88SB011	S	2		X	X						
8/18	1155	02NE88SB012	S	2		X	X						
8/18	1335	02NE88SB013	S	2		X	X						
8/18	1350	02NE88SB014	S	2		X	X						
8/14	2100	02NE88TB001	S	2		X	X						

Relinquished by: Douglas Quist	Date 8/19/02 Time 0830	Shipped Via Alaska Airlines Goldstreak Air Bill # 4974 2711			
Received for Laboratory by:	Date Time	Cooler Temperature Upon Arrival	°C	Laboratory Notified Call or Faxed	

Columbia Analytical Services Inc.
Cooler Receipt And Preservation Form

Project/Client M Watson Work Order K22 05725

Cooler received on 8/20/02 and opened on 8/20/02 by TBlack

1.	Were custody seals on outside of cooler? If yes, how many and where? 1 front					(Y)	N
2.	Were seals intact and signature & date correct?					(Y)	N
3.	COC #	02NE2	02NE1	____	____	____	
	Temperature of cooler(s) upon receipt:	0.8	1.0	____	____	____	
	Temperature Blank:	-0.1	0.7	____	____	____	
4.	Were custody papers properly filled out (ink, signed, etc.)?					(Y)	N
5.	Type of packing material present gel packs - bwrap - bags						
6.	Did all bottles arrive in good condition (unbroken)?					(Y)	N
7.	Were all bottle labels complete (*i.e.* analysis, preservation, etc.)?					(Y)	N
8.	Did all bottle labels and tags agree with custody papers?					(Y)	N
9.	Were the correct types of bottles used for the tests indicated?					(Y)	N
10.	Were all of the preserved bottles received at the lab with the appropriate pH?					Y	(N)
11.	Were VOA vials checked for absence of air bubbles, and if present, noted below?					~~Y~~	~~N~~
12.	Did the bottles originate from CAS/K or a branch laboratory?					(Y)	N
13.	Are CWA Microbiology samples received with > ½ the 24 hr. hold time remaining from collection?					~~Y~~	~~N~~
14.	Was CL2/Residual negative?					~~Y~~	~~N~~

Explain any discrepancies: _____

RESOLUTION: _____

Samples that required preservation or received out of temperature:

Sample ID	Reagent	Volume	Lot Number	Bottle Type	Rec'd out of Temperature	Initials

GoldStreak Alaska Airlines 1950574.260120

www.ALASKAAIR.com
1-800-2ALASKA

P.O. Box 68900
Seattle, WA 98168

Airline	Origin	AIR WAYBILL Number
027-	PDX	4974 2711

Shipper to complete all shaded areas

From Shipper:

Address: | Phone:

City: | State: | Zip Code:

I certify that this shipment does not contain any unauthorized explosives, destructive devices or hazardous materials.

Shipper's Signature X | PRINTED NAME | Date

Domestic ☒ | International ☐

Insured Value | Declared Value For Customs

Airport of Departure | First Carrier | Airport of Destination

Nature and Quantity of Goods:

Handling Information:
Portland

To Consignee: (Complete Consignee information required on package)
Mobile Analytical Services, Inc ATTN: Mingta Li

Address: 1417 South 13th Ave | Phone: 360/577-7222

City: Kelso | State: WA | Zip Code 98626

Consignee's Printed Name - Signature (Received in Good Order Except as Noted) | Time a.m. p.m. | Date

Airline	Origin	AIR WAYBILL Number
027-		4974 2711

GoldStreak Alaska Airlines

This is a non-negotiable AIR WAYBILL subject to the terms and conditions set forth on the reverse of shippers copy.

Total Pieces	Total Weight
1	12

MULTIPLE PIECES FOR AS FLIGHTS ONLY

Please ✓ If Live Animal ☐

Form of Payment

☐ Cash ☐ Check ☐ GBL—Attach GBL

☐ AS / QX Account Number

☐ Credit Card Number

Validata Approval (Required for all except cash and GBL)

CHECK ONE ONLY

☒ AIRPORT TO AIRPORT SERVICE

PICK-UP ONLY ☐ | DELIVERY ONLY ☐ | DOOR TO DOOR ☐

Executed By: Date/Time a.m. p.m.

Carrier	Flight	Destination	E.T.A.
AS	162	PDX	1700

Remarks

PCS.	WT. RANGE	RATE	CHARGE
	GSX LETTER		
	1-15		
1	16-50	12	
	51-70		
	71-100		

Subtotal Charges

AS COURIER CHARGES

Other Charges

1st Carrier	
2nd Carrier	
3rd Carrier	
Tax (Offline only)	
Pickup (NON AS COURIER)	
Delivery (NON AS COURIER)	
Special Service	
Insurance	
TOTAL	12

Door-To-Door Service: (800) 634-7113

10. Original Invoice

2002 Northeast Cape

COC # [redacted] E 3

2002 Northeast Cape 1850574.260120		SOIL				WATER				
FROM: MWH 4100 Spenard Road Anchorage AK 99517 (907)248-8883 Fax (907) 248-8884 ATTN: Johanna Dreher	TO: Columbia Analytical Services 1317 South 13th Avenue Kelso, WA 98626 Phone: 360-577-7222 Fax: 360-636-1068 Attn: Mingta Lin	DRO/RRO AK102/103, PAH SIM SW8270C, PCB SW8082, Lead, Zinc, Chromium SW6020, TOC by lab SOP	BTEX SW8260B	GRO AK101	Spare	Sulfate EPA 300 Alkalinity EPA 300	BTEX SW8260B GRO AK101	Methane, Ethane, Ethene RSK 175	DRO/RRO AK102/103	30 day Turn-Around-Time COELT EDD Hardcopy Deliverable BOA Option 2 Please FAX a copy of COC and Sample Check-in form to: Gerald Archibald at (907)753-2636 Phone: (907)753-2691 Sandra Kimbrell at (907) 353-7070
Sampler's Signature Douglas Quist Bonnie Williard Quist										
Date - 2002	Time	Sample ID	Matrix	Total Containers						
8/17	1400	02NE88GW001	W	8					X	X	X	X	
8/17	1700	02NE88GW002	W	8					X	X	X	X	
8/17	2100	02NE88TB002	W	3						X	X		
8/14	2100	02NE88EB001	W	8						X		X	
8/17	2100	02NE88EB002	W	5						X		X	
8/18	2100	02NE88EB003	W	5						X		X	

Relinquished by: Douglas Quist	Date 8/19/02 Time 0830	Shipped Via Alaska Airlines Goldstreak Air Bill # 4974 2722		
Received for Laboratory by:	Date Time	Cooler Temperature Upon Arrival	°C	Laboratory Notified Call or Faxed

2002 Northeast Cape 1850574.260120		SOIL				WATER				
FROM: MWH 4100 Spenard Road Anchorage AK 99517 (907)248-8883 Fax (907) 248-8884 ATTN: Johanna Dreher	TO: Columbia Analytical Services 1317 South 13th Avenue Kelso, WA 98626 Phone: 360-577-7222 Fax: 360-636-1068 Attn: Mingta Lin	DRO/RRO AK102/103, PAH SIM SW8270C, PCB SW8082, Lead, Zinc, Chromium SW6020, TOC by lab SOP	BTEX SW8260B	GRO AK101	Spare	Sulfate EPA 300 Alkalinity EPA 300	BTEX SW8260B GRO AK101	Methane, Ethane, Ethene RSK 175	DRO/RRO AK102/103	30 day Turn-Around-Time COELT EDD Hardcopy Deliverable BOA Option 2 Please FAX a copy of COC and Sample Check-in form to: Gerald Archibald at (907)753-2636 Phone: (907)753-2691 Sandra Kimbrell at (907) 353-7070
Sampler's Signature Douglas Quist Bonnie Williard Dunlap										

Date 2002	Time	Sample ID	Matrix	Container									
8/17	1400	02NE88GW001	W	8					X	X	X	X	
8/17	1780	02NE88GW002	W	8					X	X	X	X	
8/17	2100	02NE88TB002	W	3						X			
8/14	2100	02NE88EB001	W	84						X		X	
8/17	2100	02NE88EB002	W	5						X		X	
8/18	2100	02NE88EB003	W	5						X		X	

Relinquished by: Douglas Quist	Date 8/19/02 Time 0830	Shipped Via Alaska Airlines Goldstreak Air Bill # 4974 2722		
Received for Laboratory by:	Date Time	Cooler Temperature Upon Arrival	°C	Laboratory Notified Call or Faxed

FAX

MWH
MONTGOMERY WATSON HARZA

Date:

4100 Spenard Road
Anchorage, AK 99517

Tel: (907) 248-8883
Fax: (907) 248-8884

To:

Subject:

Company:

Fax No:

From:

Job No:

No. of Pages:
(including cover)

If you do not receive all pages, or if there are any problems with this transmission, please call our office at (907) 248-8883.

Transmission Report

Date/Time 8-29-02;10:50AM
Local ID 2488884
Local Name MWH
Company Logo

This document was confirmed.
(reduced sample and details below)
Document Size Letter-S

FAX

MWH
MONTGOMERY WATSON HARZA

Date:

4100 Spenard Road
Anchorage, AK 99517

Tel: (907) 248-8883
Fax: (907) 248-8884

To: Mingfu Lin
Company: Columbia Analytical Services
From: Douglas Quist

Subject: COC Revisions
Fax No: 360-636-1068
Job No: 1850579. 260120
No. of Pages: 3
(including cover)

Mingfu -

Please Add Methane, Ethane, Ethene to

02NE8878002 COC 02NE3
02NE8878003 COC 02NE5

Douglas Quist

If you do not receive all pages, or if there are any problems with this transmission, please call our office at (907) 248-8883.

Total Pages Scanned : 3 Total Pages Confirmed : 3

No.	Doc	Remote Station	Start Time	Duration	Pages	Mode	Comments	Results
1	728	13606361068	8-29-02;10:48AM	1'55"	3/ 3	EC		CP 14.4

Notes :

EC: Error Correct	RE: Resend	PD: Polled by Remote	MB: Receive to Mailbox
BC: Broadcast Send	MP: Multi-Poll	PG: Polling a Remote	PI: Power Interruption
CP: Completed	RM: Receive to Memory	DR: Document Removed	TM: Terminated by user
HS: Host Scan	HP: Host Print	FO: Forced Output	WT: Waiting Transfer
HF: Host Fax	HR: Host Receive	FM: Forward Mailbox Doc.	WS: Waiting Send

Cooler Receipt And Preservation Form

Project/Client M Watson Work Order K22 05720

Cooler received on 8/20/12 and opened on 8/20/12 by TBlack

1.	Were custody seals on outside of cooler? If yes, how many and where? 1 front, sample tape on back					(Y)	N
2.	Were seals intact and signature & date correct?					mtt 10/15/02 (Y)	N
3.	COC #	02NE3	___	___	___	___	
	Temperature of cooler(s) upon receipt:	4.5	___	___	___	___	
	Temperature Blank:	3.7	___	___	___	___	
4.	Were custody papers properly filled out (ink, signed, etc.)?					(Y)	N
5.	Type of packing material present inserts - bags - bubble wrap - gel packs						
6.	Did all bottles arrive in good condition (unbroken)?					(Y)	N
7.	Were all bottle labels complete (*i.e.* analysis, preservation, etc.)?					(Y)	N
8.	Did all bottle labels and tags agree with custody papers?					(Y)	N
9.	Were the correct types of bottles used for the tests indicated?					(Y)	N
10.	Were all of the preserved bottles received at the lab with the appropriate pH?					~~Y~~	~~N~~
11.	Were VOA vials checked for absence of air bubbles, and if present, noted below?					(Y)	N
12.	Did the bottles originate from CAS/K or a branch laboratory?					(Y)	N
13.	Are CWA Microbiology samples received with > ½ the 24 hr. hold time remaining from collection?					~~Y~~	~~N~~
14.	Was CL2/Residual negative?					~~Y~~	~~N~~

Explain any discrepancies: _____

RESOLUTION: _____

Samples that required preservation or received out of temperature:

Sample ID	Reagent	Volume	Lot Number	Bottle Type	Rec'd out of Temperature	Initials

GoldStreak Alaska Airlines

www.ALASKAAIR.com
1-800-2ALASKA

P.O. Box 68900
Seattle, WA 98168

Airline	Origin	AIR WAYBILL Number
027-		4974 2722

Shipper to complete all shaded areas

From Shipper:

Address: | Phone:

City: | State: | Zip Code:

I certify that this shipment does not contain any unauthorized explosives, destructive devices or hazardous materials.

Shipper's Signature PRINTED NAME | Date

X

Domestic ☑ | International ☐

Insured Value | Declared Value For Customs

Airport of Departure | First Carrier | Airport of Destination

Nature and Quantity of Goods:

Handling Information:
Portland

To Consignee: (Complete Consignee information required on package)
Columbia Analytical Services, Inc. ATTN: Ginger Lin

Address: 1317 South 13th Ave | Phone: 360/577-7222

City: Kelso | State: WA | Zip Code: 98626

Consignee's Printed Name - Signature (Received in Good Order Except as Noted) | Time a.m. p.m. | Date

Airline	Origin	AIR WAYBILL Number
027-		4974 2722

GoldStreak Alaska Airlines

This is a non-negotiable AIR WAYBILL subject to the terms and conditions set forth on the reverse of shippers copy.

Total Pieces: 1 | Total Weight: 10

MULTIPLE PIECES FOR AS FLIGHTS ONLY

Please ✓ If Live Animal ☐

Form of Payment

☐ Cash ☐ Check ☐ GBL–Attach GBL

☑ AS / QX Account Number

☐ Credit Card Number

Validata Approval (Required for all except cash and GBL)

CHECK ONE ONLY

☑ AIRPORT TO AIRPORT SERVICE

PICK-UP ONLY ☐ | DELIVERY ONLY ☐ | DOOR TO DOOR ☐

Executed By: Date/Time a.m. p.m.

Carrier	Flight	Destination	E.T.A.
AS			

Remarks

PCS.	WT. RANGE	RATE	CHARGE
	GSX LETTER		
	1-15		
1	16-50		
	51-70		
	71-100		
	Subtotal Charges		

AS COURIER CHARGES

Other Charges

1st Carrier	
2nd Carrier	
3rd Carrier	
Tax (Offline only)	
Pickup (NON AS COURIER)	
Delivery (NON AS COURIER)	
Special Service	
Insurance	
TOTAL	

Door-To-Door Service: (800) 634-7113

10. Original Invoice

2002 Northeast Cape 1850574.260120		SOIL				WATER				
FROM: MWH 4100 Spenard Road Anchorage AK 99517 (907)248-8883 Fax (907) 248-8884 ATTN: Johanna Dreher	TO: Columbia Analytical Services 1317 South 13th Avenue Kelso, WA 98626 Phone: 360-577-7222 Fax: 360-636-1068 Attn: Mingta Lin	DRO/RRO AK102/103, PAH SIM SW8270C, PCB SW8082, Lead, Zinc, Chromium SW6020, TOC by lab SOP	BTEX SW8260B	GRO AK101	Spare	Sulfate EPA 300 Alkalinity EPA 300	BTEX SW8260B GRO AK101	Methane, Ethane, Ethene RSK 175	DRO/RRO AK102/103	30 day Turn-Around-Time COELT EDD Hardcopy Deliverable BOA Option 2 Please FAX a copy of COC and Sample Check-in form to: Gerald Archibald at (907)753-2636 Phone: (907)753-2691 Sandra Kimbrell at (907) 353-7070
Sampler's Signature Douglas Quist		1 Clear glass unpreserved	1 Clear glass w/MeOH	1 Amber glass w/surrogate MeOH	1 Clear glass unpreserved	1 Lt bottle	3 x 40ml w/ HCL	2 x 40 ml w/ HCL	2 x 500ml Amber glass w/ HCL	Comments
Date 2002	Time	Sample ID	Matrix	Total Containers		8oz jar	4oz jar	4oz jar	4oz jar	1 Lt bottle	VOA Vials	VOA Vials	2 x bottles	
8/19	1230	02NE886W003	W	5							X	X		
8/19	1400	02NE886W004	W	5							X	X		
8/19	1500	02NE886W005	W	5							X	X		
8/20	1300	02NE886W006	W	5							X	X		
8/20	1400	02NE886W007	W	15							X	X		MS/MSD
8/20	1500	02NE886W008	W	~~15~~ 10							X	X		~~MS/MSD~~ DUP
8/19	1410	02NE886W204	W	5							X	X		
8/19	2100	02NE88TB003	W	3							X			
Relinquished by Douglas Quist		Date 8/21/02 Time 0800		Shipped Via Alaska Airlines Goldstreak Air Bill # 4974 2755										
Received for Laboratory by:		Date Time		Cooler Temperature Upon Arrival									°C	Laboratory Notified Call or Faxed

COC # 01 of 2

2002 Northeast Cape 1850574.260120		SOIL				WATER				
FROM: MWH 4100 Spenard Road Anchorage AK 99517 (907)248-8883 Fax (907) 248-8884 ATTN: Johanna Dreher	TO: Columbia Analytical Services 1317 South 13th Avenue Kelso, WA 98626 Phone: 360-577-7222 Fax: 360-636-1068 Attn: Mingta Lin	DRO/RRO AK102/103, PAH SIM SW8270C, PCB SW8082, Lead, Zinc, Chromium SW6020, TOC by lab SOP	BTEX SW8260B	GRO AK101	Spare	Sulfate EPA 300 Alkalinity EPA 300	BTEX SW8260B GRO AK101	Methane, Ethane, Ethene RSK 175	DRO/RRO AK102/103	30 day Turn-Around-Time COELT EDD Hardcopy Deliverable BOA Option 2 Please FAX a copy of COC and Sample Check-in form to: Gerald Archibald at (907)753-2636 Phone: (907)753-2691 Sandra Kimbrell at (907) 353-7070
Sampler's Signature Douglas Quist		1 Clear glass, unpreserved	1 Clear glass w/MeOH	1 Amber glass w/surrogate MeOH	1 Clear glass, unpreserved	Plastic, unpreserved	3 x 40 ml w/ HCL	2 x 40 ml w/ HCL	2 x 500 ml Amber glass w/ HCL	Comments
Date 2002	Time	Sample ID	Matrix	Total Containers	8oz jar	4oz jar	4oz jar	4oz jar	1 L bottle	VOA Vials	VOA Vials	bottles	
8/19	1230	02NE886W003	W	5						X	X		
8/19	1400	02NE886W004	W	5						X	X		
8/19	1500	02NE886W005	W	5						X	X		
8/20	1300	02NE886W006	W	5						X	X		
8/20	1400	02NE886W007	W	15						X	X		MS/MSD
8/20	1500	02NE886W008	W	~~15~~ 5						X	X		~~MS/MSD~~ DUP
8/19	1410	02NE886W204	W	5						X	X		
8/19	2100	02NE88TB003	W	3						X			

Relinquished by Douglas Quist	Date 8/21/02 Time 0800	Shipped Via Alaska Airlines Goldstreak Air Bill # 4974 2755		
Received for Laboratory by:	Date Time	Cooler Temperature Upon Arrival	°C	Laboratory Notified Call or Faxed

F A X

MWH
MONTGOMERY WATSON HARZA

Date:

4100 Spenard Road
Anchorage, AK 99517

Tel: (907) 248-8883
Fax: (907) 248-8884

To:

Company:

From:

Subject:

Fax No:

Job No:

No. of Pages:
(including cover)

If you do not receive all pages, or if there are any problems with this transmission, please call our office at (907) 248-8883.

Transmission Report

Date/Time 8-29-02;10:50AM
Local ID 2488884
Local Name MWH
Company Logo

This document was confirmed.
(reduced sample and details below)
Document Size Letter-S

FAX

MWH
MONTGOMERY WATSON HARZA

Date:

4100 Spenard Road
Anchorage, AK 99517

Tel: (907) 248-8883
Fax: (907) 248-8884

To: Mingfu Lin
Company: Columbia Analytical Services
From: Douglas Quist

Subject: COC Revisions
Fax No: 360-636-1068
Job No: 1150579. 260120
No. of Pages: 3
(including cover)

Mingfu -

Please Add Methane, Ethane, Ethene to

02NE887B002 COC 02NE3
02NE887B003 COC 02NE5

Douglas Quist

If you do not receive all pages, or if there are any problems with this transmission, please call our office at (907) 248-8883.

Total Pages Scanned : 3 Total Pages Confirmed : 3

No.	Doc	Remote Station	Start Time	Duration	Pages	Mode	Comments	Results
1	728	13606361068	8-29-02;10:48AM	1'55"	3/ 3	EC		CP 14.4

Notes :

EC: Error Correct
BC: Broadcast Send
CP: Completed
HS: Host Scan
HF: Host Fax
RE: Resend
MP: Multi-Poll
RM: Receive to Memory
HP: Host Print
HR: Host Receive
PD: Polled by Remote
PG: Polling a Remote
DR: Document Removed
FO: Forced Output
FM: Forward Mailbox Doc.
MB: Receive to Mailbox
PI: Power Interruption
TM: Terminated by user
WT: Waiting Transfer
WS: Waiting Send

Cooler Receipt And Preservation Form

Project/Client Montgomery Watson - Work Order K22 5936

Cooler received on 8/22/02 and opened on 8/22/02 by: [illegible]

1.	Were custody seals on outside of cooler? Red Custody Tape - If yes, how many and where?						(Y) N
2.	Were seals intact and signature & date correct?						mtl 10/15/02 (Y) (N)
3.	COC #	___	___	___	___	___	
	Temperature of cooler(s) upon receipt:	0.0	___	___	___	___	
	Temperature Blank:	1.0	___	___	___	___	
4.	Were custody papers properly filled out (ink, signed, etc.)?						(Y) N
5.	Type of packing material present ice packs plastic						
6.	Did all bottles arrive in good condition (unbroken)?						(Y) N
7.	Were all bottle labels complete (*i.e.* analysis, preservation, etc.)? NO						~~Y~~ ~~N~~ lcm.
8.	Did all bottle labels and tags agree with custody papers?						(Y) N
9.	Were the correct types of bottles used for the tests indicated?						(Y) N
10.	Were all of the preserved bottles received at the lab with the appropriate pH?						~~Y~~ ~~N~~
11.	Were VOA vials checked for absence of air bubbles, and if present, noted below?						(Y) N
12.	Did the bottles originate from CAS/K or a branch laboratory?						(Y) N
13.	Are CWA Microbiology samples received with > ½ the 24 hr. hold time remaining from collection?						~~Y~~ ~~N~~
14.	Was CL2/Residual negative?						~~Y~~ ~~N~~

Explain any discrepancies: _____

RESOLUTION: _____

Samples that required preservation or received out of temperature:

Sample ID	Reagent	Volume	Lot Number	Bottle Type	Rec'd out of Temperature	Initials

GoldStreak Alaska Airlines 1050574.260120

www.ALASKAAIR.com
1-800-2ALASKA

P.O. Box 68900
Seattle, WA 98168

Airline	Origin	AIR WAYBILL Number
027-	ANC	4974 2755

Shipper to complete all shaded areas

From Shipper:

Address: | Phone:

City: | State: | Zip Code:

I certify that this shipment does not contain any unauthorized explosives, destructive devices or hazardous materials.

Shipper's Signature PRINTED NAME | Date

X

Domestic ☐ | International ☐

Insured Value | Declared Value For Customs

Airport of Departure | First Carrier | Airport of Destination

Nature and Quantity of Goods:

Handling Information:
Portland

To Consignee: (Complete Consignee information required on package)
Columbia Analytical Services, Inc ATTN: Mingta Li

Address: 1317 South 13th Ave | Phone: 360/577-7222

City: Kelso | State: WA | Zip Code 98626

Consignee's Printed Name - Signature (Received in Good Order Except as Noted) | Time a.m. p.m. | Date

Airline	Origin	AIR WAYBILL Number
027-		4974 2755

GoldStreak Alaska Airlines

This is a non-negotiable AIR WAYBILL subject to the terms and conditions set forth on the reverse of shippers copy.

Total Pieces	Total Weight	MULTIPLE PIECES FOR AS FLIGHTS ONLY
		Please ✓ If Live Animal ☐

Form of Payment

☐ Cash ☐ Check ☐ GBL—Attach GBL

☐ AS / QX Account Number

☐ Credit Card Number

Validata Approval
(Required for all except cash and GBL)

CHECK ONE ONLY

☐ AIRPORT TO AIRPORT SERVICE

PICK-UP ONLY ☐ | DELIVERY ONLY ☐ | DOOR TO DOOR ☐

Executed By: Date/Time a.m. p.m.

Carrier	Flight	Destination	E.T.A.
AS			

Remarks

PCS.	WT RANGE	RATE	CHARGE
	GSX LETTER		
	1-15		
	16-50		
	51-70		
	71-100		
	Subtotal Charges		

AS COURIER CHARGES

Other Charges

1st Carrier	
2nd Carrier	
3rd Carrier	
Tax (Offline only)	
Pickup (NON AS COURIER)	
Delivery (NON AS COURIER)	
Special Service	
Insurance	
TOTAL	

Door-To-Door Service: (800) 634-7113

10. Original Invoice

COC # 02NE 6

2002 Northeast Cape 1850574.260120		SOIL				WATER				
FROM: MWH 4100 Spenard Road Anchorage AK 99517 (907)248-8883 Fax (907) 248-8884 ATTN: Johanna Dreher	TO: Columbia Analytical Services 1317 South 13th Avenue Kelso, WA 98626 Phone: 360-577-7222 Fax: 360-636-1068 Attn: Mingta Lin	DRO/RRO AK102/103, PAH SIM SW8270C, PCB SW8082, Lead, Zinc, Chromium SW6020, TOC by lab SOP	BTEX SW8260B	GRO AK101	Spare	Sulfate EPA 300 Alkalinity EPA 300	BTEX SW8260B GRO AK101	Methane, Ethane, Ethene RSK 175	DRO/RRO AK102/103	30 day Turn-Around-Time COELT EDD Hardcopy Deliverable BOA Option 2 Please FAX a copy of COC and Sample Check-in form to: Gerald Archibald at (907)753-2636 Phone: (907)753-2691 Sandra Kimbrell at (907) 353-7070
Sampler's Signature Douglas Quist		1 Clear glass, unpreserved	1 Clear glass W/MeOH	1 Amber glass w/ surrogate MeOH	1 Clear glass, unpreserved	2 - Plastic, unpreserved	3 x 40 ml w/ HCL	2 x 40 ml w/ HCL	2 x 500 ml Amber glass w/ HCL	Comments
Date 2002	Time	Sample ID	Matrix	Total Containers	8oz jar	4oz jar	4oz jar	4oz jar	1 L bottle	VOA Vials	VOA Vials	bottles	
8/19	1230	02NE88GW003	W	2								X	
8/19	1400	02NE88GW004	W	2								X	
8/19	1500	02NE88GW005	W	2								X	
8/20	1300	02NE88GW006	W	2								X	
8/20	1400	02NE88GW007	W	2								X	MS/MSD
8/20	1500	02NE88GW008	W	2								X	~~MS/MSD~~ DUP
8/19	1410	02NE88GW204	W	2								X	
												~~X~~ DUP	

Relinquished by: Douglas Quist	Date 8/21/02 Time 0800	Shipped Via Alaska Airlines Goldstreak Air Bill # 4974 2766		
Received for Laboratory by:	Date Time	Cooler Temperature Upon Arrival	°C	Laboratory Notified Call or Faxed

Project/Client Montgomery Watson (EW) Work Order K22 05832 (5936 ~TD.) Km

Cooler received on 8/22/02 and opened on 8/22/02 by KM.

1.	Were custody seals on outside of cooler? If yes, how many and where? Red Custody Tape.					(Y)	N
2.	Were seals intact and signature & date correct?					mtl 10/15/02 (Y)	(N)
3.	COC #						
	Temperature of cooler(s) upon receipt:	3.7					
	Temperature Blank:	2.9					
4.	Were custody papers properly filled out (ink, signed, etc.)?					(Y)	N
5.	Type of packing material present	Ice packs, plastic					
6.	Did all bottles arrive in good condition (unbroken)?					(Y)	N
7.	Were all bottle labels complete (*i.e.* analysis, preservation, etc.)?					(Y)	N
8.	Did all bottle labels and tags agree with custody papers?					(Y)	N
9.	Were the correct types of bottles used for the tests indicated?					(Y)	N
10.	Were all of the preserved bottles received at the lab with the appropriate pH?					~~Y~~	~~N~~
11.	Were VOA vials checked for absence of air bubbles, and if present, noted below?					(Y)	N
12.	Did the bottles originate from CAS/K or a branch laboratory?					(Y)	N
13.	Are CWA Microbiology samples received with > ½ the 24 hr. hold time remaining from collection?					~~Y~~	~~N~~
14.	Was CL2/Residual negative?					~~Y~~	~~N~~

Explain any discrepancies: _____

RESOLUTION: _____

Samples that required preservation or received out of temperature:

Sample ID	Reagent	Volume	Lot Number	Bottle Type	Rec'd out of Temperature	Initials

Gold Streak Alaska Airlines

www.ALASKAAIR.com
1-800-2ALASKA

P.O. Box 68900
Seattle, WA 98168

Airline	Origin	AIR WAYBILL Number
027-		4974 2766

Shipper to complete all shaded areas

From Shipper:

Address: | Phone:

City: | State: | Zip Code:

I certify that this shipment does not contain any unauthorized explosives, destructive devices or hazardous materials.

Shipper's Signature | PRINTED NAME | Date

X

Domestic ☐ | International ☐

Insured Value | Declared Value For Customs

Airport of Departure | First Carrier | Airport of Destination

Nature and Quantity of Goods:

Handling Information:
Portland

To Consignee: (Complete Consignee information required on package)
Columbia Analytical Services, Inc ATTN: Mingte Li

Address: 1317 South 13th Ave | Phone: 360/577-7222

City: Kelso | State: WA | Zip Code: 98626

Consignee's Printed Name - Signature (Received in Good Order Except as Noted)

Time a.m. p.m.

Date

Airline	Origin	AIR WAYBILL Number
027-		4974 2766

Gold Streak Alaska Airlines

This is a non-negotiable AIR WAYBILL subject to the terms and conditions set forth on the reverse of shippers copy.

Total Pieces | Total Weight

Form of Payment

☐ Cash ☐ Check ☐ GBL—Attach GBL

☐ AS / QX Account Number

☐ Credit Card Number

Validata Approval
(Required for all except cash and GBL)

CHECK ONE ONLY

☐ AIRPORT TO AIRPORT SERVICE

PICK-UP ONLY ☐ | DELIVERY ONLY ☐ | DOOR TO DOOR ☐

Executed By: Date/Time a.m. p.m.

Carrier	Flight	Destination	E.T.A.
AS			

Remarks

MULTIPLE PIECES FOR AS FLIGHTS ONLY

Please ✓ If Live Animal ☐

PCS.	WT. RANGE	RATE	CHARGE
	GSX LETTER		
	1-15		
	16-50		
	51-70		
	71-100		
	Subtotal Charges		

AS COURIER CHARGES

Other Charges

1st Carrier	
2nd Carrier	
3rd Carrier	
Tax (Offline only)	
Pickup (NON AS COURIER)	
Delivery (NON AS COURIER)	
Special Service	
Insurance	
TOTAL	

Door-To-Door Service: (800) 634-7113

10. Original Invoice

COC # 02NE7

2002 Northeast Cape 1850574.260120		SOIL				WATER				
FROM: MWH 4100 Spenard Road Anchorage AK 99517 (907)248-8883 Fax (907) 248-8884 ATTN: Johanna Dreher	TO: Columbia Analytical Services 1317 South 13th Avenue Kelso, WA 98626 Phone: 360-577-7222 Fax: 360-636-1068 Attn: Mingta Lin	DRO/RRO AK102/103, PAH SIM SW8270C, PCB SW8082, Lead, Zinc, Chromium SW6020, TOC by lab SOP	BTEX SW8260B	GRO AK101	Spare	Sulfate EPA 300 Alkalinity EPA 300	BTEX SW8260B GRO AK101	Methane, Ethane, Ethene RSK 175	DRO/RRO AK102/103	30 day Turn-Around-Time COELT EDD Hardcopy Deliverable BOA Option 2 Please FAX a copy of COC and Sample Check-in form to: Gerald Archibald at (907)753-2636 Phone: (907)753-2691 Sandra Kimbrell at (907) 353-7070
Sampler's Signature Douglas Quist		1 Clear glass unpreserved	1 Clear glass w/MeOH	1 Amber glass w/MeOH	1 Clear glass unpreserved	2 Plastic unpreserved	3 x 40 mL w/ HCL	12 x 40 mL w/ HCL	2 x 500 mL Amber glass w/ HCL	Comments
Date 2002	Time	Sample ID	Matrix	Total Containers	8oz jar	4oz jar	4oz jar	4oz jar	1L bottle	VOA Vials	VOA Vials	1 x 500 mL bottle	
8/19	1230	02NE88GW003	W	1					X				
8/19	1400	02NE88GW004	W	1					X				
8/19	1500	02NE88GW005	W	1					X				
8/20	1360	02NE88GW006	W	1					X				
8/20	1400	02NE88GW007	W	5					X			X	MS/MSD
8/20	1500	02NE88GW008	W	1					X				
8/19	1410	02NE88GW204	W	1					X				

Relinquished by: Douglas Quist	Date 8/21/02 Time 0800	Shipped Via Alaska Airlines Goldstreak Air Bill # 4974 2770	
Received for Laboratory by:	Date Time	Cooler Temperature Upon Arrival	°C Laboratory Notified Call or Faxed

Project/Client Ft Montgomery Watson Work Order K22 5936 05832 KM

Cooler received on 8/22/02 and opened on 8/22/02 by KM.

1. Were custody seals on outside of cooler? (Y) N
   If yes, how many and where? Red Custody Tape.
2. Were seals intact and signature & date correct? mth 10/15/02 (Y) (N)
3. COC #
   Temperature of cooler(s) upon receipt: 5.5
   Temperature Blank: 2.7
4. Were custody papers properly filled out (ink, signed, etc.)? (Y) N
5. Type of packing material present Ice packs, plastic
6. Did all bottles arrive in good condition (unbroken)? (Y) N
7. Were all bottle labels complete (*i.e.* analysis, preservation, etc.)? (Y) N
8. Did all bottle labels and tags agree with custody papers? (Y) N
9. Were the correct types of bottles used for the tests indicated? (Y) N
10. Were all of the preserved bottles received at the lab with the appropriate pH? ~~Y~~ ~~N~~
11. Were VOA vials checked for absence of air bubbles, and if present, noted below? (Y) N
12. Did the bottles originate from CAS/K or a branch laboratory? (Y) N
13. Are CWA Microbiology samples received with > ½ the 24 hr. hold time remaining from collection? ~~Y~~ ~~N~~
14. Was CL2/Residual negative? ~~Y~~ ~~N~~

Explain any discrepancies: _____

RESOLUTION: _____

Samples that required preservation or received out of temperature:

Sample ID	Reagent	Volume	Lot Number	Bottle Type	Rec'd out of Temperature	Initials

GoldStreak Alaska Airlines 1830574.260130

www.ALASKAAIR.com
1-800-2ALASKA

P.O. Box 68900
Seattle, WA 98168

Airline	Origin	AIR WAYBILL Number
027-		4974 2770

Shipper to complete all shaded areas

From Shipper:

Address: | Phone:

City: | State: | Zip Code:

I certify that this shipment does not contain any unauthorized explosives, destructive devices or hazardous materials.

Shipper's Signature X | PRINTED NAME | Date

Domestic ☐ | International ☐

Insured Value | Declared Value For Customs

Airport of Departure | First Carrier | Airport of Destination

Nature and Quantity of Goods:

Handling Information:
Portland

To Consignee: (Complete Consignee information required on package)
Columbia Analytical Services, Inc ATTN: Mingta Lin

Address: 1317 South 13th Ave | Phone: 360/577-7222

City: Kelso | State: WA | Zip Code 98626

Consignee's Printed Name - Signature (Received in Good Order Except as Noted) | Time a.m. p.m. | Date

Airline	Origin	AIR WAYBILL Number
027-		4974 2770

GoldStreak Alaska Airlines

This is a non-negotiable AIR WAYBILL subject to the terms and conditions set forth on the reverse of shippers copy.

Total Pieces | Total Weight

MULTIPLE PIECES FOR AS FLIGHTS ONLY

Please ✓ If Live Animal ☐

Form of Payment

☐ Cash ☐ Check ☐ GBL—Attach GBL

☐ AS / QX Account Number

☐ Credit Card Number

Validata Approval (Required for all except cash and GBL)

CHECK ONE ONLY

☐ AIRPORT TO AIRPORT SERVICE

PICK-UP ONLY ☐ | DELIVERY ONLY ☐ | DOOR TO DOOR ☐

Executed By: Date/Time a.m. p.m.

Carrier	Flight	Destination	E.T.A.
AS			

Remarks

PCS.	WT. RANGE	RATE	CHARGE
	GSX LETTER		
	1-15		
	16-50		
	51-70		
	71-100		
	Subtotal Charges		

AS COURIER CHARGES

Other Charges

1st Carrier	
2nd Carrier	
3rd Carrier	
Tax (Offline only)	
Pickup (NON AS COURIER)	
Delivery (NON AS COURIER)	
Special Service	
Insurance	
TOTAL	

Door-To-Door Service: (800) 634-7113

10. Original Invoice

COC # 02NE-8

FROM:	TO:
MWH 4100 Spenard Road Anchorage AK 99517 (907)248-8883 Fax (907) 248-8884 ATTN: Johanna Dreher MwH job # 1850574.260120	Severn Trent Laboratories 5755 8th Street East Tacoma, WA 98424 Phone: (253)922-2310 Fax: (253)9225047 Attn: Dawn Werner WO #

30 day Turn-Around-Time
COELT EDD
Hardcopy Deliverable BOA Option 2

Sampler's Signature: Douglas Quist

Date 2002	Time	Sample ID	Matrix	Total # Containers	DRO/RRO AK102/103, PAH SIM SW8270C, PCB SW8082, Lead, Zinc, Chromium SW6020, TOC by lab SOP 1 Clear glass unpreserved 8oz jar	BTEX SW8260B 1 Clear glass W/MeOH 4oz jar	GRO AK101 1 Amber glass w/surrogate MeOH 4oz jar	Spare 1 Clear glass unpreserved 4oz jar	Sulfate EPA 300 Alkalinity EPA 300 Plastic unpreserved 1L bottle	BTEX SW8260B GRO AK101 3 x 40 ml w/ HCL VOA Vials	Methane, Ethane, Ethene RSK 175 2 x 40 ml w/ HCL VOA Vials	DRO/RRO AK102/103 2 x 500 ml Amber glass w/ HCL bottles	Comments
8/19	1420	02NE886W304	W	22					X	X	X	X	MS/MSD
8/19	2100	02NE88TB004	W	3						X			

Relinquished by: Douglas Quist — Date 8/21/02 — Time 0800

Shipped Via Alaska Airlines Goldstreak Air Bill # 497 1720 4611

Received for Laboratory by: — Date — Time

Cooler Temperature Upon Arrival: °C

Laboratory Notified Call or Faxed

2002 Northeast Cape Phase III RI

COC # 02NE-8

Revised 1
8-27-02
BMichaan

USAED, ALASKA DISTRICT

FROM:	TO:
MWH 4100 Spenard Road Anchorage AK 99517 (907)248-8883 Fax (907) 248-8884 ATTN: Johanna Dreher MwH job # 1850574.260120	Severn Trent Laboratories 5755 8th Street East Tacoma, WA 998424 Phone: (253)922-2310 Fax: (253)9225047 Attn: Dawn Werner

Northeast Cape Mod 7
NPDL WO # 02-080

30 day Turn-Around-Time
COELT EDD
Hardcopy Deliverable BOA Option 2

Sampler's Signature: Douglas Quist

Date 2002	Time	Sample ID	Matrix	Total # Containers	DRO/RRO AK102/103, PAH SIM SW8270C, PCB SW8082, Lead, Zinc, Chromium SW6020, TOC by lab SOP 1 Clear glass, unpreserved 8oz jar	BTEX SW8260B 1 Clear glass W/MeOH 4oz jar	GRO AK101 1 Amber glass w/ surrogate MeOH 4oz jar	Spare 1 Clear glass, unpreserved 4oz jar	Sulfate EPA 300 Alkalinity EPA 300 Plastic, unpreserved 1L bottle	BTEX SW8260B GRO AK101 3 x 40 ml w/ HCL VOA Vials	Methane, Ethane, Ethene RSK 175 2 x 40 ml w/ HCL VOA Vials	DRO/RRO AK102/103 2 x 500 ml Amber glass w/ HCL bottles	Comments
8/19	1420	02NE886GW304	W	22					X	X	X	MS/MSD	
8/19	2100	02NE88TB024	W	3						X			

Relinquished by: Douglas Quist — Date 8/21/02, Time 0800

Shipped Via Alaska Airlines Goldstreak Air Bill # 497 1720 4611

Received for Laboratory by: — Date — Time

Cooler Temperature Upon Arrival — °C

Laboratory Notified Call or Faxed

FAX

MWH
MONTGOMERY WATSON HARZA

Date: 8-27-02

4100 Spenard Road
Anchorage, AK 99517

Tel: (907) 248-8883
Fax: (907) 248-8884

To: Down Werner

Company: Severn Trent Labs.

From: Douglas Duist

Subject: Northeast Cape Mod 7 COC

Fax No: 253-922-5047

Job No: 1850574.260120

No. of Pages: 3
(including cover)

Please See Attached Chain-of-Custodies and all Revisions.

Thank you

Douglas Duist

If you do not receive all pages, or if there are any problems with this transmission, please call our office at (907) 248-8883.

Transmission Report

Date/Time 8-27-02; 2:27PM
Local ID 2488884
Local Name MWH
Company Logo

This document was confirmed.
(reduced sample and details below)
Document Size Letter-S

FAX

MWH
MONTGOMERY WATSON HARZA

Date: 8-27-02

4100 Spenard Road
Anchorage, AK 99517

Tel: (907) 248-8883
Fax: (907) 248-8884

To: Dawn Werner
Company: Severn Trent Labs.
From: Douglas Quist

Subject: Northeast Cape Mod 7 COC
Fax No: 253-922-5047
Job No: 1850574.260120
No. of Pages: 3
(including cover)

Please See Attached Chain-of-Custodies and all Revisions.

Thank you
Douglas Quist

If you do not receive all pages, or if there are any problems with this transmission, please call our office at (907) 248-8883.

Total Pages Scanned : 3 Total Pages Confirmed : 3

No.	Doc	Remote Station	Start Time	Duration	Pages	Mode	Comments	Results
1	561	12539225047	8-27-02; 2:24PM	2'26"	3/ 3	EC		CP 14.4

Notes :

EC: Error Correct	RE: Resend	PD: Polled by Remote	MB: Receive to Mailbox
BC: Broadcast Send	MP: Multi-Poll	PG: Polling a Remote	PI: Power Interruption
CP: Completed	RM: Receive to Memory	DR: Document Removed	TM: Terminated by user
HS: Host Scan	HP: Host Print	FO: Forced Output	WT: Waiting Transfer
HF: Host Fax	HR: Host Receive	FM: Forward Mailbox Doc.	WS: Waiting Send

Alaska Airlines

GOLDSTREAK PACKAGE EXPRESS P.O. Box 68900 Seattle, WA 98168

Airline	Origin	AIR WAYBILL Number
027-	ANC	1720 4611

Shipper to complete all shaded areas

From Shipper: MONTGOMERY WATSON 907 248-8883

Address: 4100 SPENARD RD Phone:

City: ANCHORAGE State: AK Zip Code: 99517

The Federal Aviation Administration requires Alaska Airlines to inform you of the following "Shipper's Security Notification":

I certify that this shipment does not contain any unauthorized explosives, destructive devices or hazardous materials. I consent to a search of this shipment. I am aware that this endorsement and original signature, along with other shipping documents, will be retained on file until the shipment is delivered.

This is a non-negotiable AIR WAYBILL subject to the terms and conditions set forth on the reverse of shipper's copy.

Contents: Water Samples

Insured Value

Declared Value of Customs

Shipper's Signature X SUBJECT TO RATE 40.01 PRINTED NAME

Date: 8-21-02

Name of person from whom shipment was accepted IF different from shipper:

1st ID ID TYPE _____ PHOTO ID Y N ID #

IF THE FIRST ID WAS NOT A GOVT. OR EMPLOYER ISSUED PHOTO ID

2nd ID ID TYPE _____ PHOTO ID Y N ID #

To Consignee: (Complete Consignee information required on package) Severn Trent Laboratories

Address: 5755 8th St. East Phone: 253-922-2310

City: Tacoma State: WA Zip Code: 98424

Consignee's Printed Name - Signature (Received in Good Order Except as Noted) Time a.m. p.m. Date

Airline	Origin	AIR WAYBILL Number
027-		1720 4611

ANC

Thank you for shipping with Alaska Airlines

Total Pieces: 1 Total Weight: 1

Form of Payment

☐ Cash ☐ Check ☐ GBL–Attach GBL

☑ AS / QX Account Number 27440065151

☐ Credit Card Number

Validata Approval JT 01 (Required for all except cash and GBL)

CHECK ONE ONLY

☒ AIRPORT TO AIRPORT SERVICE

PICK-UP ONLY ☐ DELIVERY ONLY ☐ DOOR TO DOOR ☐

Executed By: Date/Time TS 8/21/02 7:45 a.m. p.m.

Carrier	Flight	Destination	E.T.A.
AS	50	ANC	10:15
AS	94	SEA	3:07

Remarks

MULTIPLE PIECES FOR AS FLIGHTS ONLY

Please ✓ If Live Animal ☐

PCS.	WT. RANGE	RATE	CHARGE
	GSX LETTER		
	1-15		
1	16-50		75.00
	51-70		
	71-100		
	Subtotal Charges		
	AS COURIER CHARGES		
	Other Charges		
	1st Carrier		
	2nd Carrier		
	3rd Carrier		
	Tax (Offline only) Pickup (NON AS COURIER)		
	Delivery (NON AS COURIER)		
	Special Service		
	Insurance		
	TOTAL		75.00

Door-To-Door Service: (800) 634-7113

3. Shippers Receipt

9

COC # 02NE 9

page 1 of 2

2002 Northeast Cape 1850574.260120		SOIL				WATER				
FROM: MWH 4100 Spenard Road Anchorage AK 99517 (907)248-8883 Fax (907) 248-8884 ATTN: Johanna Dreher	TO: Columbia Analytical Services 1317 South 13th Avenue Kelso, WA 98626 Phone: 360-577-7222 Fax: 360-636-1068 Attn: Mingta Lin	DRO/RRO AK102/103, PAH SIM SW8270C, PCB SW8082, Lead, Zinc, Chromium SW6020, TOC by lab SOP	BTEX SW8260B	GRO AK101	Spare	Sulfate EPA 300 Alkalinity EPA 300	BTEX SW8260B GRO AK101	Methane, Ethane, Ethene RSK 175	DRO/RRO AK102/103	30 day Turn-Around-Time COELT EDD Hardcopy Deliverable BOA Option 2 Please FAX a copy of COC and Sample Check-in form to: Gerald Archibald at (907)753-2636 Phone: (907)753-2691 Sandra Kimbrell at (907) 353-7070
Sampler's Signature:		1 Clear glass unpreserved	1 Clear glass w/MeOH	1 Amber glass w/surrogate MeOH	1 Clear glass unpreserved	2 Plastic unpreserved	3 x 40 ml w/ HCL	2 x 40 ml w/ HCL	2 x 500 ml Amber glass w/ HCL	

Date 2002	Time	Sample ID	Matrix	Total Containers	8oz jar	4oz jar	4oz jar	8oz jar	1L bottle	VOA Vials	VOA Vials	1 bottle	Comments
8/18	1700	02NE88SB015	S	2	X			X					
8/18	1720	02NE88SB016	S	2	X			X					
8/19	1310	02NE88SB017	S	3	X			X					MS/MSD DRO, RRO, PAH, PCB, Pb, ONLY
8/19	1355	02NE88SB018	S	2	X			X					
8/19	1705	02NE88SB019	S	2	X			X					
8/19	1715	02NE88SB020	S	2	X			X					
8/20	1250	02NE88SB023	S	2	X			X					
8/20	1305	02NE88SB024	S	2	X			X					
8/20	1415	02NE88SB025	S	2	X			X					
8/20	~~1505~~ 1435	02NE88SB026	S	2	X			X					
8/20	~~1520~~ 1505	02NE88SB027	S	2	X			X					
8/20	1530	02NE88SB028	S	2	X			X					
8/20	1730	02NE88SB029	S	2	X			X					

Relinquished by:	Date 8-21-02	Shipped Via Alaska Airlines Goldstreak Air Bill # 1974 2744			
	Time 0800				
Received for Laboratory by:	Date	Cooler Temperature Upon Arrival	°C	Laboratory Notified Call or Faxed	
	Time				

COC # 02NE 9

Page 2 of 2

2002 Northeast Cape 1850574.260120		SOIL				WATER				
FROM: MWH 4100 Spenard Road Anchorage AK 99517 (907)248-8883 Fax (907) 248-8884 ATTN: Johanna Dreher	TO: Columbia Analytical Services 1317 South 13th Avenue Kelso, WA 98626 Phone: 360-577-7222 Fax: 360-636-1068 Attn: Mingta Lin	DRO/RRO AK102/103, PAH SIM SW8270C, PCB SW8082, Lead, Zinc, Chromium SW6020, TOC by lab SOP	BTEX SW8260B	GRO AK101	Spare	Sulfate EPA 300 Alkalinity EPA 300	BTEX SW8260B GRO AK101	Methane, Ethane, Ethene RSK 175	DRO/RRO AK102/103	30 day Turn-Around-Time COELT EDD Hardcopy Deliverable BOA Option 2 Please FAX a copy of COC and Sample Check-in form to: Gerald Archibald at (907)753-2636 Phone: (907)753-2691 Sandra Kimbrell at (907) 353-7070
Sampler's Signature: William A. Kimbrell		1 Clear glass unpreserved	1 Clear glass w/MeOH	1 Amber glass w/surrogates MeOH x	1 Clear glass unpreserved	1 Plastic unpreserved	3 x 40 mlw/ HCL	2 x 40 ml w/ HCL	2 x 500 ml Amber glass w/ HCL	Comments
Date 2002	Time	Sample ID	Matrix	Total Containers	8oz jar	4oz jar	4oz jar	4oz jar	1 L bottle	VOA Vials	VOA Vials	1 L bottles	
8-20	1735	02NE885B030	S	2	X			X					
8-20	1805	02NE885B031	S	2	X			X					
8-20	1905	02NE885B032	S	2	X			X					
~~8-18~~	~~2120~~	~~02NE~~ MD											

Relinquished by: William A. Kimbrell	Date 8-21-02	Shipped Via Alaska Airlines Goldstreak Air Bill # 4974 2744		
	Time 0800			
Received for Laboratory by:	Date	Cooler Temperature	°C	Laboratory Notified
	Time	Upon Arrival		Call or Faxed

Columbia Analytical Services Inc.

Cooler Receipt And Preservation Form

CAS

Project/Client Montgomery Watson. Work Order K22 5936

Cooler received on 8/22/02 and opened on 8/22/02 by KM.

1.	Were custody seals on outside of cooler? Red Custody Tape. If yes, how many and where?					(Y)	N
2.	Were seals intact and signature & date correct?					(Y)	(N) mtl 10/15/02
3.	COC #	Soil					
	Temperature of cooler(s) upon receipt:	2.5					
	Temperature Blank:	NP.					
4.	Were custody papers properly filled out (ink, signed, etc.)?					(Y)	N
5.	Type of packing material present 16 packs, plastic.						
6.	Did all bottles arrive in good condition (unbroken)?					(Y)	N
7.	Were all bottle labels complete (*i.e.* analysis, preservation, etc.)? Yes.					~~Y~~	(N) KM
8.	Did all bottle labels and tags agree with custody papers?					(Y)	N
9.	Were the correct types of bottles used for the tests indicated?					(Y)	N
10.	Were all of the preserved bottles received at the lab with the appropriate pH? no					~~Y~~	(N) KM.
11.	Were VOA vials checked for absence of air bubbles, and if present, noted below?					(Y)	N
12.	Did the bottles originate from CAS/K or a branch laboratory?					(Y)	N
13.	Are CWA Microbiology samples received with > ½ the 24 hr. hold time remaining from collection?					~~Y~~	~~N~~
14.	Was CL2/Residual negative?					~~Y~~	~~N~~

Explain any discrepancies: _____

RESOLUTION: _____

Samples that required preservation or received out of temperature:

Sample ID	Reagent	Volume	Lot Number	Bottle Type	Rec'd out of Temperature	Initials

Gold Streak Alaska Airlines 1850574.260120

www.ALASKAAIR.com
1-800-2ALASKA

P.O. Box 68900
Seattle, WA 98168

Airline	Origin	AIR WAYBILL Number
027-		4974 2744

Total Pieces | Total Weight | MULTIPLE PIECES FOR AS FLIGHTS ONLY

Please ✓ If Live Animal ☐

From Shipper:

Address: | Phone:

City: | State: | Zip Code:

I certify that this shipment does not contain any unauthorized explosives, destructive devices or hazardous materials.

Shipper's Signature X | PRINTED NAME | Date

Domestic ☒ | International ☐

Insured Value | Declared Value For Customs

Airport of Departure | First Carrier | Airport of Destination

Nature and Quantity of Goods:

Handling Information:
Portland

Form of Payment
☐ Cash ☐ Check ☐ GBL–Attach GBL
☐ AS / QX Account Number
☐ Credit Card Number
Validata Approval (Required for all except cash and GBL)

CHECK ONE ONLY
☒ AIRPORT TO AIRPORT SERVICE
PICK-UP ONLY ☐ | DELIVERY ONLY ☐ | DOOR TO DOOR ☐

Executed By: Date/Time a.m. p.m.

Carrier	Flight	Destination	E.T.A.
AS			
		PDX	

Remarks

PCS.	WT RANGE	RATE	CHARGE
	GSX LETTER		
	1-15		
	16-50		
	51-70		
	71-100		
	Subtotal Charges		

AS COURIER CHARGES

Other Charges

1st Carrier	
2nd Carrier	
3rd Carrier	
Tax (Offline only)	
Pickup (NON AS COURIER)	
Delivery (NON AS COURIER)	
Special Service	
Insurance	
TOTAL	

To Consignee: (Complete Consignee information required on package)
Columbia Analytical Services, Inc ATTN: Mingta Li

Address: 1317 South 13th Ave | Phone: 360/577-7222

City: Kelso | State: WA | Zip Code 98626

Consignee's Printed Name - Signature (Received in Good Order Except as Noted) | Time a.m. p.m. | Date

Airline	Origin	AIR WAYBILL Number
027-		4974 2744

Gold Streak Alaska Airlines

This is a non-negotiable AIR WAYBILL subject to the terms and conditions set forth on the reverse of shippers copy.

Shipper to complete all shaded areas

Door-To-Door Service: (800) 634-7113

10. Original Invoice

COC # 02NE 10

page 1 of 2

2002 Northeast Cape 1850574.260120		SOIL				WATER				
FROM: MWH 4100 Spenard Road Anchorage AK 99517 (907)248-8883 Fax (907) 248-8884 ATTN: Johanna Dreher	TO: Columbia Analytical Services 1317 South 13th Avenue Kelso, WA 98626 Phone: 360-577-7222 Fax: 360-636-1068 Attn: Mingta Lin	DRO/RRO AK102/103, PAH SIM SW8270C, PCB SW8082, Lead, Zinc, Chromium SW6020, TOC by lab SOP	BTEX SW8260B	GRO AK101	Spare	Sulfate EPA 300 Alkalinity EPA 300	BTEX SW8260B GRO AK101	Methane, Ethane, Ethene RSK 175	DRO/RRO AK102/103	30 day Turn-Around-Time COELT EDD Hardcopy Deliverable BOA Option 2 Please FAX a copy of COC and Sample Check-in form to: Gerald Archibald at (907)753-2636 Phone: (907)753-2691 Sandra Kimbrell at (907) 353-7070
Sampler's Signature:		1 Clear glass, unpreserved	1 Clear glass w/MeOH	1 Amber glass w/ surrogate w/ MeOH	1 Clear glass, unpreserved	Plastic, unpreserved	3 x 40 ml w/ HCL	2 x 40 ml w/ HCL	2 x 500 ml Amber glass w/ HCL	
Date 2002	Time	Sample ID	Matrix	Total Containers		8oz jar	4oz jar	8 4oz jar	4oz jar	1 L bottle	VOA Vials	VOA Vials	bottles	Comments
8/18	1700	02NE88SB015	S	2			X	X						
8/18	1720	02NE88SB016	S	6 MS			X	X						MS/MSD GRO/BTEX
8/19	1310	02NE88SB017	S	2			X	X						
8/19	1355	02NE88SB018	S	2			X	X						
8/19	1705	02NE88SB019	S	2			X	X						
8/19	1715	02NE88SB020	S	2			X	X						
8/20	1250	02NE88SB023	S	2			X	X						
8/20	1305	02NE88SB024	S	2			X	X						
8/20	1415	02NE88SB025	S	2			X	X						50ml of MeOH used
8/20	1435	02NE88SB026	S	2			X	X						
8/20	1505	02NE88SB027	S	2			X	X						
8/20	1530	02NE88SB028	S	2			X	X						
8/20	1730	02NE88SB029	S	2			X	X						

Relinquished by:	Date 8/21/02	Shipped Via Alaska Airlines Goldstreak Air Bill # 4974 2733		
	Time 0600			
Received for Laboratory by:	Date	Cooler Temperature Upon Arrival	°C	Laboratory Notified Call or Faxed
	Time			

2002 Northeast Cape

COC # 02NE10

pg 2 of 2

K2205832

2002 Northeast Cape 1850574.260120					SOIL				WATER				
FROM: MWH 4100 Spenard Road Anchorage AK 99517 (907)248-8883 Fax (907) 248-8884 ATTN: Johanna Dreher	TO: Columbia Analytical Services 1317 South 13th Avenue Kelso, WA 98626 Phone: 360-577-7222 Fax: 360-636-1068 Attn: Mingta Lin				DRO/RRO AK102/103, PAH SIM SW8270C, PCB SW8082, Lead, Zinc, Chromium SW6020, TOC by lab SOP	BTEX SW8260B ✓	GRO AK101 ✓	Spare	Sulfate EPA 300 Alkalinity EPA 300	BTEX SW8260B GRO AK101	Methane, Ethane, Ethene RSK 175	DRO/RRO AK102/103	30 day Turn-Around-Time COELT EDD Hardcopy Deliverable BOA Option 2 Please FAX a copy of COC and Sample Check-in form to: Gerald Archibald at (907)753-2636 Phone: (907)753-2691 Sandra Kimbrell at (907) 353-7070
Sampler's Signature: Gerald A Archibald					1 Clear glass unpreserved	1 Clear glass w/MeOH	1 Amber glass w/surrogate MeOH	1 Clear glass unpreserved	Plastic unpreserved	3 x 40 ml w/ HCL	2 x 40 ml w/ HCL	2 x 500 ml Amber glass w/ HCL	Comments
Date 2002	Time	Sample ID	Matrix	Total Containers	8oz jar	4oz jar	4oz jar	4oz jar	1L bottle	VOA Vials	VOA Vials	bottles	
8-20	1735	02NE88SBC36	S	2		✓X	✓X						
8-20	1850	02NE88SBC21	S	2		✓X	✓X	with					
8-20	1905	02NE88SBC34	S	2		✓X	✓X	8/23/02					
8-18	2100	02NE88TBC05	S	2		✓X	✓X	Checked all analyses.					
Relinquished by: Gerald A Archibald			Date 8/21/02		Shipped Via Alaska Airlines Goldstreak Air Bill # 4974 2733								
			Time 800										
Received for Laboratory by: Jean Blair			Date 8/22/02		Cooler Temperature Upon Arrival							°C	Laboratory Notified Call or Faxed
			Time 1530										

Columbia Analytical Services Inc.

Cooler Receipt And Preservation Form

5936 CAS.

Project/Client KW Montgomery Watson Work Order K22 05832 KM

Cooler received on 8/22/02 and opened on 8/22/02 by KM.

1.	Were custody seals on outside of cooler? If yes, how many and where? Red Custody Tape.					(Y)	N
2.	Were seals intact and signature & date correct?					mtl 10/15/02 (Y)	(N)
3.	COC #	Soil					
	Temperature of cooler(s) upon receipt:	5.5					
	Temperature Blank:	1.0					
4.	Were custody papers properly filled out (ink, signed, etc.)?					(Y)	N
5.	Type of packing material present Ice packs, plastic						
6.	Did all bottles arrive in good condition (unbroken)?					(Y)	N
7.	Were all bottle labels complete (*i.e.* analysis, preservation, etc.)?					Y	(N)
8.	Did all bottle labels and tags agree with custody papers?					(Y)	N
9.	Were the correct types of bottles used for the tests indicated?					(Y)	N
10.	Were all of the preserved bottles received at the lab with the appropriate pH?					Y	N
11.	Were VOA vials checked for absence of air bubbles, and if present, noted below?					(Y)	N
12.	Did the bottles originate from CAS/K or a branch laboratory?					(Y)	N
13.	Are CWA Microbiology samples received with > ½ the 24 hr. hold time remaining from collection?					Y	N
14.	Was CL2/Residual negative?					Y	N

Explain any discrepancies: (4) 4oz Methanol Soil jars - no Sample ID. Ice MS/MSD on Lids. Id'd as ~~02NE88550116~~ 02NE88550116 by 16 on lid. KM

RESOLUTION:

Samples that required preservation or received out of temperature:

Sample ID	Reagent	Volume	Lot Number	Bottle Type	Rec'd out of Temperature	Initials

10

GoldStreak Alaska Airlines

1850574.260120

www.ALASKAAIR.com
1-800-2ALASKA

P.O. Box 68900
Seattle, WA 98168

Airline	Origin	AIR WAYBILL Number
027-		4974 2733

From Shipper:

Address: | Phone:

City: | State: | Zip Code:

I certify that this shipment does not contain any unauthorized explosives, destructive devices or hazardous materials.

Shipper's Signature X | PRINTED NAME | Date

Domestic ☒ | International ☐

Insured Value | Declared Value For Customs

Airport of Departure | First Carrier | Airport of Destination DX

Nature and Quantity of Goods:

Handling Information:
Portland

To Consignee: (Complete Consignee information required on package)
Columbia Analytical Services, Inc ATTN: Ningta Li

Address: 1317 South 13th Ave | Phone: 360/577-7222

City: Kelso | State: WA | Zip Code 98626

Consignee's Printed Name - Signature (Received in Good Order Except as Noted) | Time a.m. p.m. | Date

Airline	Origin	AIR WAYBILL Number
027-		4974 2733

GoldStreak Alaska Airlines

This is a non-negotiable AIR WAYBILL subject to the terms and conditions set forth on the reverse of shippers copy.

Shipper to complete all shaded areas

Total Pieces | Total Weight

MULTIPLE PIECES FOR AS FLIGHTS ONLY

Please ✓ If Live Animal ☐

Form of Payment

☐ Cash ☐ Check ☐ GBL–Attach GBL

☐ AS / QX Account Number

☐ Credit Card Number

Validata Approval (Required for all except cash and GBL)

CHECK ONE ONLY

☒ AIRPORT TO AIRPORT SERVICE

PICK-UP ONLY ☐ | DELIVERY ONLY ☐ | DOOR TO DOOR ☐

Executed By: Date/Time a.m. p.m.

Carrier	Flight	Destination	E.T.A.
AS			

Remarks

PCS.	WT. RANGE	RATE	CHARGE
	GSX LETTER		
	1-15		
	16-50		
	51-70		
	71-100		
	Subtotal Charges		

AS COURIER CHARGES

Other Charges

1st Carrier	
2nd Carrier	
3rd Carrier	
Tax (Offline only)	
Pickup (NON AS COURIER)	
Delivery (NON AS COURIER)	
Special Service	
Insurance	
TOTAL	

Door-To-Door Service: (800) 634-7113

10. Original Invoice

COC # 02NE-11

FROM:
MWH 4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
ATTN: Johanna Dreher
MwH job # 1850574.260120

TO:
~~Severn Trent Laboratories 5755~~
~~8th Street East~~
~~Tacoma, WA 998424~~
~~Phone: (253)922-2310~~
~~Fax: (253)9223047~~
~~Attn: Dawn Werner~~
Columbia Analytical Services
1317 South 13TH AVE
Kelso, WA
98626
360-577-7222

30 day Turn-Around-Time
COELT EDD
Hardcopy Deliverable BOA Option 2

Sampler's Signature: Douglas Quist

Date 2002	Time	SampleID	Matrix	Total # Containers	DRO/RRO AK102/103, PAH SIM SW8270C, PCB SW8082, Lead, Zinc, Chromium SW6020, TOC by lab SOP 1 Clear glass unpreserved 8oz jar	BTEX SW8260B 1 Clear glass w/MeOH 4oz jar	GRO AK101 1 Amber glass w/ surrogate MeOH 4oz jar	Spare 1 Clear glass unpreserved 4oz jar	Sulfate EPA 300 Alkalinity EPA 300 1 Plastic unpreserved 1L bottle	BTEX SW8260B GRO AK101 3 x 40 ml w/ HCL VOA vials	Methane, Ethane, Ethene RSK 175 2 x 40 ml w/ HCL VOA vials	DRO/RRO AK102/103 2 x 500 ml Amber glass w/ HCL 2 bottles	Comments
8/21	1500	02NE88GW009	W	8					X	X	X	X	
8/21	1400	02NE88GW010	W	8					X	X	X	X	
8/19	2100	02NE88EB004	W	5						X		X	
8/20	2100	02NE88EB005	W	5						X		X	
8/19	2100	02NE88TB006	W	3						X			

Relinquished by: Douglas Quist
Date 8/22/02
Time 0800

Received for Laboratory by:
Date
Time

Shipped Via Alaska Airlines Goldstreak Air Bill # 4218 4660

Cooler Temperature Upon Arrival °C

Laboratory Notified Call or Faxed

Cooler Receipt And Preservation Form

CAS

Project/Client MWH. Work Order K22 05829

Cooler received on 8/23/02 and opened on 8/23/02 by KM.

1.	Were custody seals on outside of cooler? If yes, how many and where? Custody Tape.					Y	N
2.	Were seals intact and signature & date correct?					~~N/A~~ mtl 10/15/02 Y ~~N~~	Kan.
3.	COC #						
	Temperature of cooler(s) upon receipt:	3.5					
	Temperature Blank:	5.5					
4.	Were custody papers properly filled out (ink, signed, etc.)?					Y	N
5.	Type of packing material present Ice packs.						
6.	Did all bottles arrive in good condition (unbroken)?					Y	N
7.	Were all bottle labels complete (*i.e.* analysis, preservation, etc.)?					Y	N
8.	Did all bottle labels and tags agree with custody papers?					Y	N
9.	Were the correct types of bottles used for the tests indicated?					Y	N
10.	Were all of the preserved bottles received at the lab with the appropriate pH?					~~Y~~ ~~N~~	
11.	Were VOA vials checked for absence of air bubbles, and if present, noted below?					Y	N
12.	Did the bottles originate from CAS/K or a branch laboratory?					Y	N
13.	Are CWA Microbiology samples received with > ½ the 24 hr. hold time remaining from collection?					~~Y~~ ~~N~~	
14.	Was CL2/Residual negative?					~~Y~~ ~~N~~	

Explain any discrepancies: _____

RESOLUTION: _____

Samples that required preservation or received out of temperature:

Sample ID	Reagent	Volume	Lot Number	Bottle Type	Rec'd out of Temperature	Initials

GoldStreak Alaska Airlines 1050574.360120

www.ALASKAAIR.com
1-800-2ALASKA

P.O. Box 68900
Seattle, WA 98168

Airline	Origin	AIR WAYBILL Number
027-		4218 4660

Shipper to complete all shaded areas

From Shipper:

Address: | Phone:

City: | State: | Zip Code:

I certify that this shipment does not contain any unauthorized explosives, destructive devices or hazardous materials.

Shipper's Signature X | PRINTED NAME | Date

Domestic ☐ | International ☐

Insured Value | Declared Value For Customs

Airport of Departure | First Carrier | Airport of Destination

Nature and Quantity of Goods:

Handling Information:
Portland

To Consignee: (Complete Consignee information required on package)
Columbia Analytical Services, Inc ATTN: Mingte Lin

Address: 1317 South 13th Ave | Phone: 360/577-7222

City: Kelso | State: WA | Zip Code 98626

Consignee's Printed Name - Signature (Received in Good Order Except as Noted) | Time a.m. p.m. | Date

Airline	Origin	AIR WAYBILL Number
027-		4218 4660

GoldStreak Alaska Airlines

This is a non-negotiable AIR WAYBILL subject to the terms and conditions set forth on the reverse of shippers copy.

Total Pieces	Total Weight

MULTIPLE PIECES FOR AS FLIGHTS ONLY

Please ✓ If Live Animal ☐

Form of Payment

☐ Cash ☐ Check ☐ GBL–Attach GBL

☐ AS / QX Account Number

☐ Credit Card Number

Validata Approval
(Required for all except cash and GBL)

CHECK ONE ONLY

☑ AIRPORT TO AIRPORT SERVICE

PICK-UP ONLY ☐ | DELIVERY ONLY ☐ | DOOR TO DOOR ☐

Executed By: Date/Time a.m. p.m.

Carrier	Flight	Destination	E.T.A.
AS			

Remarks

PCS.	WT. RANGE	RATE	CHARGE
	GSX LETTER		
	1-15		
	16-50		
	51-70		
	71-100		
	Subtotal Charges		

AS COURIER CHARGES

Other Charges

1st Carrier	
2nd Carrier	
3rd Carrier	
Tax (Offline only)	
Pickup (NON AS COURIER)	
Delivery (NON AS COURIER)	
Special Service	
Insurance	
TOTAL	

Door-To-Door Service: (800) 634-7113

10. Original Invoice

COC # 02NE 13 DP
12

2002 Northeast Cape 1850574.260120					SOIL				WATER				
FROM: MWH 4100 Spenard Road Anchorage AK 99517 (907)248-8883 Fax (907) 248-8884 ATTN: Johanna Dreher		TO: Columbia Analytical Services 1317 South 13th Avenue Kelso, WA 98626 Phone: 360-577-7222 Fax: 360-636-1068 Attn: Mingta Lin			DRO/RRO AK102/103, PAH SIM SW8270C, PCB SW8082, Lead, Zinc, Chromium SW6020, TOC by lab SOP	BTEX SW8260B	GRO AK101	Spare	Sulfate EPA 300 Alkalinity EPA 300	BTEX SW8260B GRO AK101	Methane, Ethane, Ethene RSK 175	DRO/RRO AK102/103	30 day Turn-Around-Time COELT EDD Hardcopy Deliverable BOA Option 2 Please FAX a copy of COC and Sample Check-in form to: Gerald Archibald at (907)753-2636 Phone: (907)753-2691 Sandra Kimbrell at (907) 353-7070
Sampler's Signature:													
DATE	TIME	SAMPLE ID	MATRIX	# OF CONTAINERS									
8/21	1500	02NE88SB033	S	4 2	X	X	X	X					
8/21	1510	02NE88SB034	S	4 2	X	X	X	X					
8/21	1515	02NE88SB234	S	4 2	X	X	X	X					
8/21	1555	02NE88SB035	S	4 2	X	X	X	X					
8/21	1605	02NE88SB036	S	4 2	X	X	X	X					
8/21	1607	02NE88SB236	S	4 2	X	X	X	X DP					
8/22	1400	02NE88SB037	S	4 2	X DP	X	X	X					
8/22	1405	02NE88SB237	S	4 2	X	X	X	X					
8/22	1410	02NE88SB038	S	4 2	X	X	X	X					
8/22	1935	02NE88SB039	S	4 2	X	X	X	X					
8/22	1440	02NE88SB239	S	4 2	X	X	X	X					
8/22	1950	02NE88SB040	S	4 2	X	X	X	X					
8/21	2100	02NE88TB007	S	2	2	X	X	2					

Relinquished by:	Date 8/25/02	Shipped Via Alaska Airlines Goldstreak Air Bill #	4974 2696	
	Time 2315			
Received for Laboratory by:	Date	Cooler Temperature Upon Arrival	°C	Laboratory Notified Call or Faxed
	Time			

TRANSMISSION REPORT

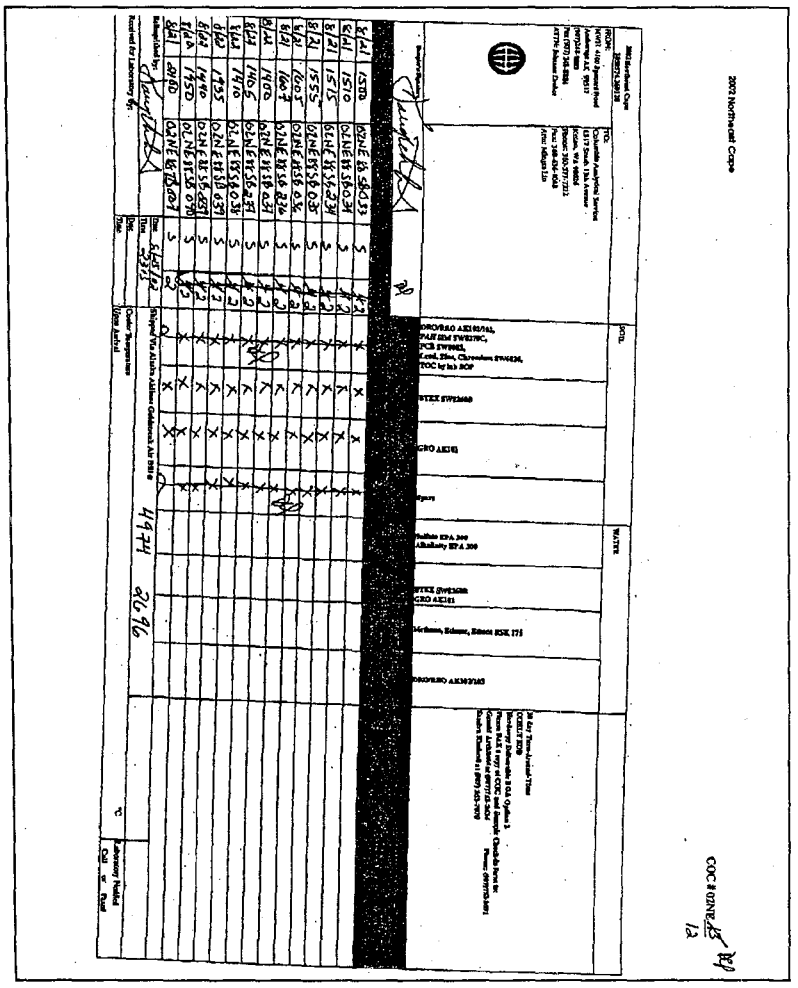
DATE/TIME 8-26- 2 7:32 AM
LOCAL TERMINAL ID 9072488884
LOCAL NAME MWA
CO. LOGO

PAGES SCANNED
2

NO	FILE	REMOTE STATION	START TIME	DURAT.	#	COMMENT	RESULT
1	087	13606361068	8-26- 7:30 AM	1' 34"	2		OK ECM

This document was confirmed.
(Reduced sample below-see details above)

Size LT



Cooler Receipt And Preservation Form

Project/Client Montgomery Watson Work Order K22 05936

Cooler received on 8/26/02 and opened on 8/26/02 by [illegible]

1.	Were custody seals on outside of cooler? If yes, how many and where? Red Custody Tape					(Y)	N
2.	Were seals intact and signature & date correct?					Y until 9/25/02	(N)
3.	COC #	___	___	___	___	___	___
	Temperature of cooler(s) upon receipt:	2.0	___	___	___	___	___
	Temperature Blank:	-0.4	___	___	___	___	___
4.	Were custody papers properly filled out (ink, signed, etc.)?					(Y)	N
5.	Type of packing material present Ice packs, plastic.						
6.	Did all bottles arrive in good condition (unbroken)?					(Y)	N
7.	Were all bottle labels complete (*i.e.* analysis, preservation, etc.)?					(Y)	N
8.	Did all bottle labels and tags agree with custody papers? See Other CRF.					~~Y~~	~~N~~
9.	Were the correct types of bottles used for the tests indicated?					(Y)	N
10.	Were all of the preserved bottles received at the lab with the appropriate pH?					~~Y~~	~~N~~
11.	Were VOA vials checked for absence of air bubbles, and if present, noted below?					~~Y~~	~~N~~
12.	Did the bottles originate from CAS/K or a branch laboratory?					(Y)	N
13.	Are CWA Microbiology samples received with > ½ the 24 hr. hold time remaining from collection?					~~Y~~	~~N~~
14.	Was CL2/Residual negative?					~~Y~~	~~N~~

Explain any discrepancies: _____

RESOLUTION: _____

Samples that required preservation or received out of temperature:

Sample ID	Reagent	Volume	Lot Number	Bottle Type	Rec'd out of Temperature	Initials

GoldStreak Alaska Airlines 1850574.260120

www.ALASKAAIR.com
1-800-2ALASKA

P.O. Box 68900
Seattle, WA 98168

Airline	Origin	AIR WAYBILL Number
027-		4974 2696

Shipper to complete all shaded areas

From Shipper:

Address: | Phone:

City: | State: | Zip Code:

I certify that this shipment does not contain any unauthorized explosives, destructive devices or hazardous materials.

Shipper's Signature X | PRINTED NAME | Date

Domestic ☐ International ☐

Insured Value | Declared Value For Customs

Airport of Departure | First Carrier | Airport of Destination

Nature and Quantity of Goods:

Handling Information:
Portland

To Consignee: (Complete Consignee information required on package)
Columbia Analytical Services, Inc ATTN: Mingta Li

Address: 1317 South 13th Ave | Phone: 360/577-7222

City: Kelso | State: WA | Zip Code 98626

Consignee's Printed Name - Signature (Received in Good Order Except as Noted) | Time a.m. p.m. | Date

Airline	Origin	AIR WAYBILL Number
027-		4974 2696

GoldStreak Alaska Airlines

This is a non-negotiable AIR WAYBILL subject to the terms and conditions set forth on the reverse of shippers copy.

Total Pieces: 1 | Total Weight: 26

MULTIPLE PIECES FOR AS FLIGHTS ONLY
Please ✓ If Live Animal ☐

Form of Payment
☐ Cash ☐ Check ☐ GBL—Attach GBL
☐ AS / QX Account Number
☐ Credit Card Number
Validata Approval (Required for all except cash and GBL)

CHECK ONE ONLY
☑ AIRPORT TO AIRPORT SERVICE
PICK-UP ONLY ☐ | DELIVERY ONLY ☐ | DOOR TO DOOR ☐

Executed By: Date/Time 6/25 2320 a.m. p.m.

Carrier	Flight	Destination	E.T.A.
AS	100	PDX	548

Remarks

PCS.	WT. RANGE	RATE	CHARGE
	GSX LETTER		
	1-15		
1	16-50		25
	51-70		
	71-100		
	Subtotal Charges		

AS COURIER CHARGES

Other Charges

1st Carrier	
2nd Carrier	
3rd Carrier	
Tax (Offline only)	
Pickup (NON AS COURIER)	
Delivery (NON AS COURIER)	
Special Service	
Insurance	
TOTAL	25.10

Door-To-Door Service: (800) 634-7113

10. Original Invoice

2002 Northeast Cape 1850574.260120		SOIL				WATER				
FROM: MWH 4100 Spenard Road Anchorage AK 99517 (907)248-8883 Fax (907) 248-8884 ATTN: Johanna Dreher	TO: Columbia Analytical Services 1317 South 13th Avenue Kelso, WA 98626 Phone: 360-577-7222 Fax: 360-636-1068 Attn: Mingta Lin	DRO/RRO AK102/103, PAH SIM SW8270C, PCB SW8082, Lead, Zinc, Chromium SW6020, TOC by lab SOP	BTEX SW8260B	GRO AK101	Spare	Sulfate EPA 300 Alkalinity EPA 300	BTEX SW8260B GRO AK101	Methane, Ethane, Ethene RSK 175	DRO/RRO AK102/103	30 day Turn-Around-Time COELT EDD Hardcopy Deliverable BOA Option 2 Please FAX a copy of COC and Sample Check-in form to: Gerald Archibald at (907)753-2636 Phone: (907)753-2691 Sandra Kimbrell at (907) 353-7070
Sampler's Signature: Douglas Dieu		4 Coolers Ice Preservative	3 Coolers Ice Preservative w/ MeOH	3 Coolers Ice Preservative w/ MeOH	1 Cooler Ice Preservative	2 Plastic 500 ml H2SO4	3 x 40 ml VOA HCl	2 x 40 ml VOA HCl	500ml Amber Plastic HCl	Comments
Date 2002	Time	Sample ID	Matrix	# Containers						
8/21	1500	02NE88SB033	S	2	X	X	X	X		
8/21	1510	02NE88SB034	S	2	X	X	X	X		
8/21	1515	02NE88SB234	S	2	X	X	X	X		
8/21	1555	02NE88SB035	S	2	X	X	X	X		
8/21	1605	02NE88SB036	S	2	X	X	X	X		
8/21	1607	02NE88SB236	S	2	X	X	X	X		
8/22	1400	02NE88SB037	S	2	X	X	X	X		
8/22	1405	02NE88SB237	S	2	X	X	X	X		
8/22	1410	02NE88SB038	S	2	X	X	X	X		
8/22	1935	02NE88SB039	S	2	X	X	X	X		
8/22	1940	02NE88SB239	S	2	X	X	X	X		
8/22	1950	02NE88SB040	S	2	X	X	X	X		
8/21	2100	02NE88TB007	S	2		X	X			

Relinquished by: Douglas Dieu	Date 8/25/02	Shipped Via Alaska Airlines Goldstreak Air Bill #	4974	2700	
	Time 2315				
Received for Laboratory by:	Date	Cooler Temperature		°C	Laboratory Notified
	Time	Upon Arrival			Call or Faxed

Cooler Receipt And Preservation Form (COC# 02NE13. CD.

Project/Client Montgomery Watson Work Order, K22 05936

Cooler received on 8/22/02 and opened on 8/26/02 by LM.

1.	Were custody seals on outside of cooler? If yes, how many and where? Red Custody Tape.					Y	N
2.	Were seals intact and signature & date correct?					Y (with 8/26/02)	N
3.	COC #						
	Temperature of cooler(s) upon receipt:	4.9					
	Temperature Blank:	0.0					
4.	Were custody papers properly filled out (ink, signed, etc.)?					Y	N
5.	Type of packing material present ice packs, plastic						
6.	Did all bottles arrive in good condition (unbroken)?					Y	N
7.	Were all bottle labels complete (*i.e.* analysis, preservation, etc.)?					Y	N
8.	Did all bottle labels and tags agree with custody papers?					Y	N
9.	Were the correct types of bottles used for the tests indicated?					Y	N
10.	Were all of the preserved bottles received at the lab with the appropriate pH?					~~Y~~	~~N~~
11.	Were VOA vials checked for absence of air bubbles, and if present, noted below?					~~Y~~	~~N~~
12.	Did the bottles originate from CAS/K or a branch laboratory?					Y	N
13.	Are CWA Microbiology samples received with > ½ the 24 hr. hold time remaining from collection?					~~Y~~	~~N~~
14.	Was CL2/Residual negative?					~~Y~~	~~N~~

Explain any discrepancies: 1 4oz Methanol jar 02NE88SS033. Id'd as 02NE88SB033 by times. 1 4oz Methanol jar without Sample Id. Id'd as 02NE88SB234 by '234' on lid and proc. of elimination.

RESOLUTION:

Samples that required preservation or received out of temperature:

Sample ID	Reagent	Volume	Lot Number	Bottle Type	Rec'd out of Temperature	Initials

GoldStreak Alaska Airlines 1850574.260120

www.ALASKAAIR.com
1-800-2ALASKA

P.O. Box 68900
Seattle, WA 98168

Airline	Origin	AIR WAYBILL Number
027-	ANC	4974 2700

B

From Shipper:

Address: 2400 Spenard Road

Phone:

City: Anchorage AK 99517

State:

Zip Code:

I certify that this shipment does not contain any unauthorized explosives, destructive devices or hazardous materials.

Shipper's Signature X

PRINTED NAME

Date 5/24

Domestic ☐ International ☐

Insured Value

Declared Value For Customs

Airport of Departure | First Carrier | Airport of Destination

Nature and Quantity of Goods:

Handling Information: Portland

To Consignee: (Complete Consignee information required on package)
Columbia Analytical Services, Inc ATTN: Ningta Li

Address: 1317 South 13th Ave

Phone: 360/577-7222

City: Kelso

State: WA

Zip Code 98626

Consignee's Printed Name - Signature (Received in Good Order Except as Noted)

Time a.m. p.m.

Date

Airline	Origin	AIR WAYBILL Number
027-		4974 2700

GoldStreak Alaska Airlines

This is a non-negotiable AIR WAYBILL subject to the terms and conditions set forth on the reverse of shippers copy.

Shipper to complete all shaded areas

Total Pieces: 1

Total Weight: 5

MULTIPLE PIECES FOR AS FLIGHTS ONLY

Please ✓ If Live Animal ☐

Form of Payment

☐ Cash ☐ Check ☐ GBL–Attach GBL

☐ AS / QX Account Number

☐ Credit Card Number

Validata Approval _____
(Required for all except cash and GBL)

CHECK ONE ONLY

☒ AIRPORT TO AIRPORT SERVICE

PICK-UP ONLY ☐ DELIVERY ONLY ☐ DOOR TO DOOR ☐

Executed By: Date/Time 45 5/25 320 a.m. p.m.

Carrier	Flight	Destination	E.T.A.
AS	100	PDX	548

Remarks

PCS.	WT. RANGE	RATE	CHARGE
	GSX LETTER		
	1-15		
1	16-50		35
	51-70		
	71-100		
	Subtotal Charges		

AS COURIER CHARGES

Other Charges

1st Carrier	
2nd Carrier	
3rd Carrier	
Tax (Offline only)	
Pickup (NON AS COURIER)	
Delivery (NON AS COURIER)	
Special Service	
Insurance	
TOTAL	35.00

Door-To-Door Service: (800) 634-7113

10. Original Invoice

COC # 02NE-14

FROM:	TO:
MWH 4100 Spenard Road Anchorage AK 99517 (907)248-8883 Fax (907) 248-8884 ATTN: Johanna Dreher MwH job # 1850574.260120	Severn Trent Laboratories 5755 8th Street East Tacoma, WA 998424 Phone: (253)922-2310 Fax: (253)9225047 Attn: Dawn Werner

Sampler's Signature: Douglas Quast

Date 2002	Time	SampleID	Matrix	# of Total Containers	DRO/RRO AK102/103, PAH SIM SW8270C, PCB SW8082, Lead, Zinc, Chromium SW6020, TOC by lab SOP 1L Clear glass unpreserved Analyte	BTEX SW8260B 1 Clear glass w/MeOH Analyte	GRO AK101 1 Amber glass w/surrogate MeOH 1640 Analyte	Spare 1L Clear glass unpreserved Analyte	Sulfate EPA 300 Alkalinity EPA 300 Plastic unpreserved 1L 100ml	BTEX SW8260B GRO AK101 3 x 40 ml w/ HCL VOA Vials	Methane, Ethane, Ethene RSK 175 3 x 40 ml w/ HCL VOA Vials	DRO/RRO AK102/103 2 x 500 ml Amber glass w/ HCL 2 Bottles	30 day Turn-Around-Time COELT EDD Hardcopy Deliverable BOA Option 2 Containers
8/17	1110	02NE885B 306	S	4	X	X	X	X					
8/21	1600	02NE885B 335	S	12	X	X	X	X					MS/MSD
8/22	1415	02NE885B 338	S	4	X	X	X	X					
8/22	1955	02NE885B 340	S	4	X	X	X	X					
8/17	2100	02NE887B 508	S	2	X DL	X	X						

Relinquished by: Douglas Quast	Date 8/25/02 Time 2315	Shipped Via Alaska Airlines Goldstreak Air Bill # 4218 4796	
Received for Laboratory by:	Date Time	Cooler Temperature Upon Arrival °C	Laboratory Notified Call or Faxed

2002 Northeast Cape Phase III RI

COC # 02NE-14

Revision 1

USAED, ALASKA DISTRICT
NORTHEAST CAPE MOD 7
NPDL WO# 02-080

FROM:	TO:
MWH 4100 Spenard Road Anchorage AK 99517 (907)248-8883 Fax (907) 248-8884 ATTN: Johanna Dreher MwH job # 1850574.260120	Severn Trent Laboratories 5755 8th Street East Tacoma, WA 998424 Phone: (253)922-2310 Fax: (253)9225047 Attn: Dawn Werner

30 day Turn-Around-Time
COELT EDD
Hardcopy Deliverable BOA Option 2

Sampler's Signature: Douglas Dreher

Date 2002	Time	SampleID	Matrix	Total Containers	DRO/RRO AK102/103, PAH SIM SW8270C, PCB SW8082, Lead, Zinc, Chromium SW6020, TOC by lab SOP 1 Clear plastic unpreserved	BTEX SW8260B 3 Clear plastic WIMeOH	GRO AK101 3 Amber glass w/aluminum MeOH	Spare 3 Clear glass unpreserved	Sulfate EPA 300 Alkalinity EPA 300 1 Plastic unpreserved	BTEX SW8260B GRO AK101 3 x 40 ml w/ HCL	Methane, Ethane, Ethene RSK 175 3 x 40 ml w/ HCL	DRO/RRO AK102/103 2 x 500 ml Amber glass w/ HCL	Comments
					Water	Water	5 g/40 ml	Water	1L bottle	VOA vials	VOA vials	500ml bottle	
8/17	1110	02NE88SB 306	S	4	X	X	X	X					
8/21	1600	02NE88SB 335	S	12	X	X	X	X					MS/MSD
8/22	1415	02NE88SB 338	S	4	X	X	X	X					
8/22	1955	02NE88SB 340	S	4	X	X	X	X					
8/17	2100	02NE88TB 008	S	2	X	X	X						

Relinquished by: Douglas Dreher — Date 8/25/02, Time 2315 — Shipped Via Alaska Airlines Goldstreak Air Bill # 4218 4796

Received for Laboratory by: — Date — Time — Cooler Temperature Upon Arrival — °C — Laboratory Notified Call or Faxed

FAX

MWH
MONTGOMERY WATSON HARZA

Date:

4100 Spenard Road
Anchorage, AK 99517

Tel: (907) 248-8883
Fax: (907) 248-8884

To: Dawn Werner

Company: STL

From: Douglas Quist

Subject: COC

Fax No: 253-922-5047

Job No:

No. of Pages: 2
(including cover)

Please see attached COC for edits. All analyses are now checked. If you have any questions please call me at 907-266-1148.

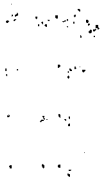
Doug Quist

If you do not receive all pages, or if there are any problems with this transmission, please call our office at (907) 248-8883.

Transmission Report

Date/Time 8-26-02; 9:15AM
Local ID 2488884
Local Name MWH
Company Logo

This document was confirmed.
(reduced sample and details below)
Document Size Letter-S



Total Pages Scanned : 2 Total Pages Confirmed : 2

No.	Doc	Remote Station	Start Time	Duration	Pages	Mode	Comments	Results
1	458	12539225047	8-26-02; 9:14AM	28"	2/ 2	EC		CP 14.4

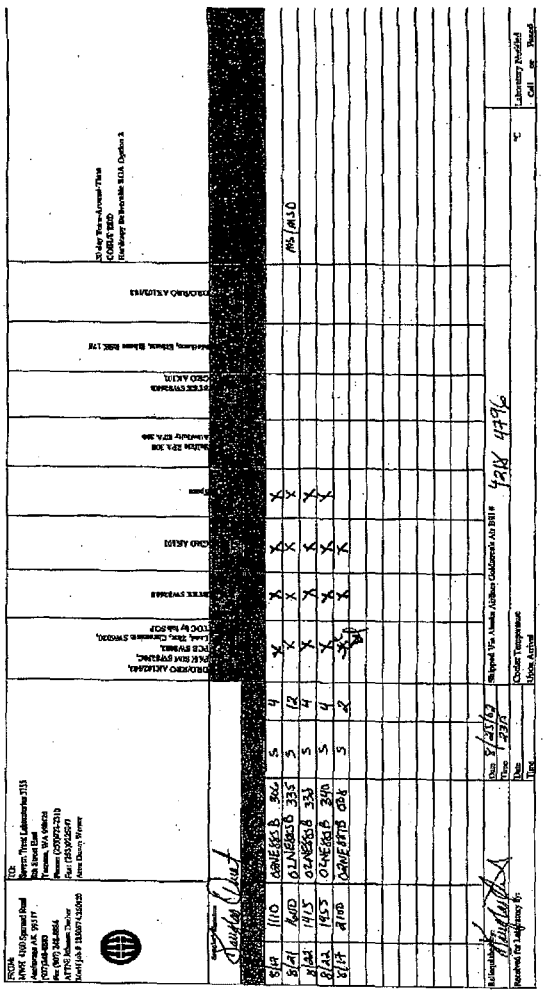
Notes :

EC: Error Correct	RE: Resend	PD: Polled by Remote	MB: Receive to Mailbox
BC: Broadcast Send	MP: Multi-Poll	PG: Polling a Remote	PI: Power Interruption
CP: Completed	RM: Receive to Memory	DR: Document Removed	TM: Terminated by user
HS: Host Scan	HP: Host Print	FO: Forced Output	WT: Waiting Transfer
HF: Host Fax	HR: Host Receive	FM: Forward Mailbox Doc.	WS: Waiting Send

Transmission Report

Date/Time 8-27-02;11:15AM
Local ID 2488884
Local Name MWH
Company Logo

This document was confirmed.
(reduced sample and details below)
Document Size Letter-S



Total Pages Scanned : 1 Total Pages Confirmed : 1

No.	Doc	Remote Station	Start Time	Duration	Pages	Mode	Comments	Results
1	526	12539225047	8-27-02;11:13AM	60"	1/ 1	EC		CP 14.4

Notes :
EC: Error Correct
BC: Broadcast Send
CP: Completed
HS: Host Scan
HF: Host Fax
RE: Resend
MP: Multi-Poll
RM: Receive to Memory
HP: Host Print
HR: Host Receive
PD: Polled by Remote
PG: Polling a Remote
DR: Document Removed
FO: Forced Output
FM: Forward Mailbox Doc.
MB: Receive to Mailbox
PI: Power Interruption
TM: Terminated by user
WT: Waiting Transfer
WS: Waiting Send

TRANSMISSION REPORT

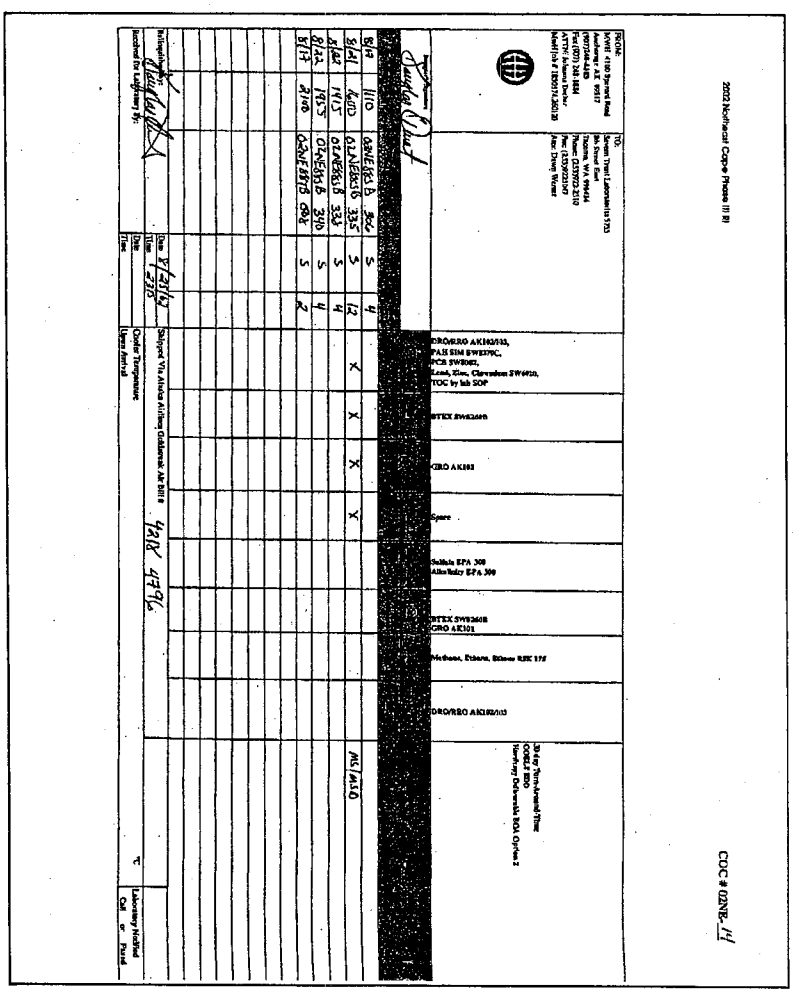
DATE/TIME 8-26- 2 7:30 AM
LOCAL TERMINAL ID 9072488884
LOCAL NAME MWA
CO. LOGO

PAGES SCANNED
1

NO	FILE	REMOTE STATION	START TIME	DURAT.	#	COMMENT	RESULT
1	086	12539225047	8-26- 7:29 AM	53"	1		OK ECM

This document was confirmed.
(Reduced sample below-see details above)

Size LT



GoldStreak Alaska Airlines 1850574.260120

www.ALASKAAIR.com
1-800-2ALASKA

P.O. Box 68900
Seattle, WA 98168

Airline	Origin	AIR WAYBILL Number
027-		4218 4796

Shipper to complete all shaded areas

From Shipper:

Address: | Phone:

City: | State: | Zip Code:

I certify that this shipment does not contain any unauthorized explosives, destructive devices or hazardous materials.

Shipper's Signature X | PRINTED NAME | Date

Domestic ☐ | International ☐

Insured Value | Declared Value For Customs

Airport of Departure | First Carrier | Airport of Destination

Nature and Quantity of Goods:

Handling Information:

To Consignee: (Complete Consignee information required on package)

Address: | Phone:

City: | State: | Zip Code

Consignee's Printed Name - Signature (Received in Good Order Except as Noted) | Time a.m. p.m. | Date

Airline	Origin	AIR WAYBILL Number
027-		4218 4796

GoldStreak Alaska Airlines

This is a non-negotiable AIR WAYBILL subject to the terms and conditions set forth on the reverse of shippers copy.

Total Pieces	Total Weight
1	4 lb

MULTIPLE PIECES FOR AS FLIGHTS ONLY

Please ✓ If Live Animal ☐

Form of Payment

☐ Cash ☐ Check ☐ GBL—Attach GBL

☐ AS / QX Account Number

☐ Credit Card Number

Validata Approval (Required for all except cash and GBL)

CHECK ONE ONLY

☒ AIRPORT TO AIRPORT SERVICE

PICK-UP ONLY ☐ | DELIVERY ONLY ☐ | DOOR TO DOOR ☐

Executed By: Date/Time 4/5 3/25 a.m. 325 p.m.

Carrier	Flight	Destination	E.T.A.
AS	160	SEA	SOR

Remarks

PCS.	WT. RANGE	RATE	CHARGE
	GSX LETTER		
	1-15		
1	16-50		25
	51-70		
	71-100		
	Subtotal Charges		

AS COURIER CHARGES

Other Charges

1st Carrier	
2nd Carrier	
3rd Carrier	
Tax (Offline only)	
Pickup (NON AS COURIER)	
Delivery (NON AS COURIER)	
Special Service	
Insurance	
TOTAL	25.00

Door-To-Door Service: (800) 634-7113

10. Original Invoice

COC # 02NE-15

FROM:	TO:	Sieve Analysis ASTM D-422 Specific Gravity ASTM D-854 Moisture Content ASTM D-2216 1 x 2 gal. ziplock	Dry Bulk Density ASTM D-2937 Hydraulic Conductivity ASTM D-4511 Soil Porosity - Calculated 1 x Brass Sleeve			24 Hour Turn-Around-Time COELT EDD Hardcopy Deliverable BOA Option 2
MWH 4100 Spenard Road Anchorage AK 99517 (907)248-8883 Fax (907) 248-8884 ATTN: Johanna Dreher MWH job # 1850574.260120	R&M Consultants 9101 Vanguard Drive Anchorage, AK 99507 fax: 360-577-7222 phone: 907-522-3403 Attn: Dave Johnson					
Sampler's Signature: Douglas Dunn		Cool to 4 degrees C				Comments

Date 2002	Time	Sample ID	Matrix	Total Containers					
8/18	1140	02NE88SB041	S	2	✓	✓			88-6 4-6'
8/19	1315	02NE88SB042	S	2	✓	✓			88-9 10-12'
8/20	1900	02NE88SB043	S	2	✓	✓			88-16 7-9'
8/21	1605	02NE88SB044	S	2	✓	✓			88-18 9-11'

Relinquished by: Douglas Dunn	Date 8/26/02 Time 1100	Shipped Via ~~Alaska Airlines, Goldstreak Air Bill #~~ Hand Delivered		
Received for Laboratory by:	Date 8-26-02 Time 1100	Cooler Temperature Upon Arrival	°C	Laboratory Notified Call or Faxed

MWH
MONTGOMERY WATSON HARZA

LABORATORY NOTIFICATION OF SHIPMENT

Northeast Cape 1850574.260120

TO: CAS
ATTN: Mingta Lin
FAX: **360-636-1068**

PHONE: 360-577-7222 left message 1015 8/19/02

COOLERS 3
DATE 8-19-2002

SAMPLES WERE SENT TO **Seattle** **Portland**

ALASKA AIRLINES FLIGHT # 100
ESTIMATED ARRIVAL TIME 6AM 8/20
Goldstreak airbill number 4974 2711
4974 2722
4974 2803

PLEASE PICK UP AT ALASKA AIRLINES GOLDSTREAK

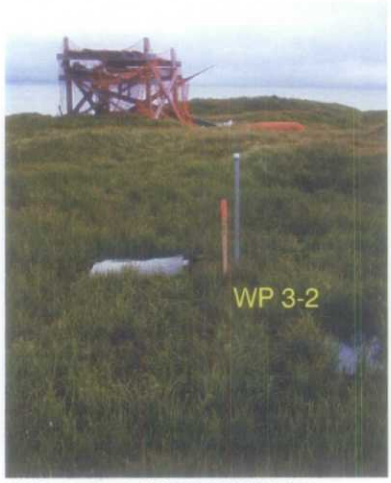
COC#/Cooler ID 02NE1, 02NE2, 02NE3

From: MWH field team
cc. Jane Whitsett 907-248-8884

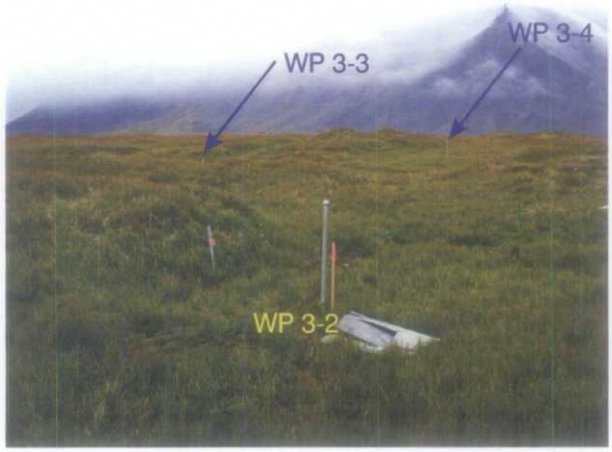
APPENDIX C

Field Photographs

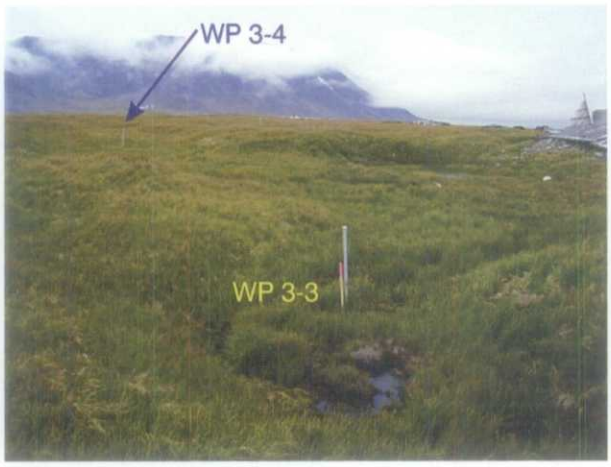
MWH



WP 3-2 01NE03WP102



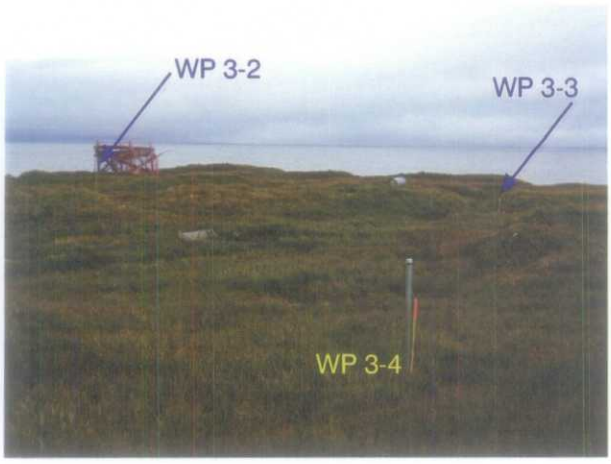
WP 3-2 01NE03WP102



WP 3-3 01NE03WP103



WP 3-3 01NE03WP103



WP 3-4 01NE03WP104

JOB No. 1850574.260160

MWH
MONTGOMERY WATSON HARZA
Anchorage, Alaska

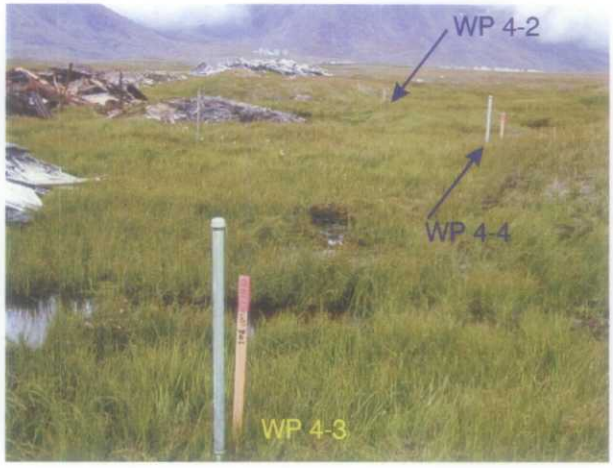
Site 3: Fuel Line Corridor and Pumphouse

U.S. ARMY ENGINEER DISTRICT, ALASKA
NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA

NORTHEAST CAPE 2001 RI PHOTOS



WP 4-2 01NE04WP102



WP 4-3 01NE04WP103



WP 4-4 01NE04WP104

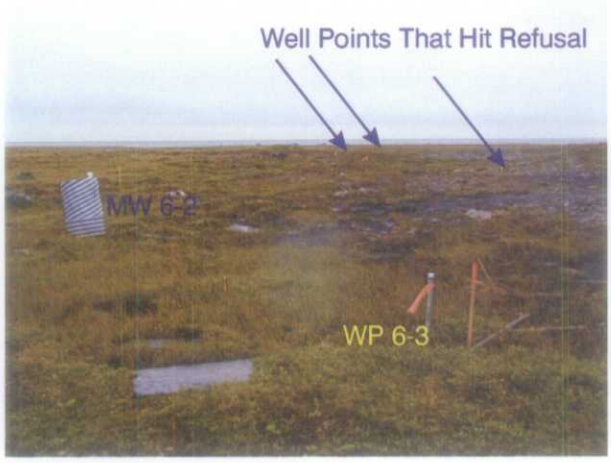
JOB No. 1850574.260160

MWH
MONTGOMERY WATSON HARZA
Anchorage, Alaska

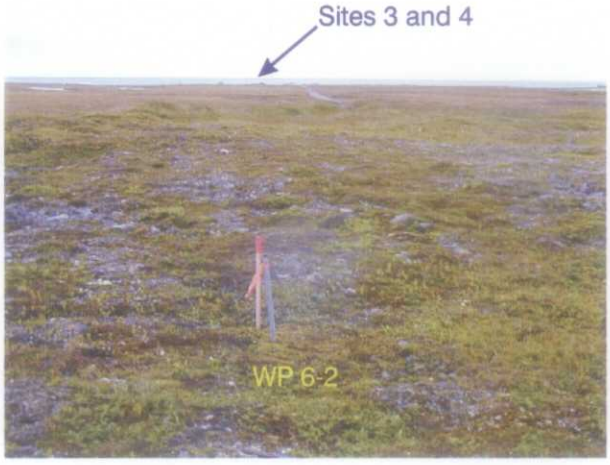
Site 4: Subsistence Fishing and Hunting Camp

U.S. ARMY ENGINEER DISTRICT, ALASKA
NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA

NORTHEAST CAPE 2001 RI PHOTOS



WP 6-3 01NE06WP103



WP 6-2 01NE06WP102



01NE06SW/SD116



01NE06SD117



01NE06TP101 , Test Pit 1



01NE06TP102 , Test Pit 2

JOB No. 1850574.260160

MWH
MONTGOMERY WATSON HARZA
Anchorage, Alaska

Site 6: Cargo Beach Road Drum Field

U.S. ARMY ENGINEER DISTRICT, ALASKA
NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA

NORTHEAST CAPE 2001 RI PHOTOS



01NE07SS125

01NE07SS126



01NE07SS127

01NE07SW/SD104



01NE07SW/SD104

01NE07SW/SD105

JOB No. 1850574.260160

MWH
MONTGOMERY WATSON HARZA
Anchorage, Alaska

Site 7: Cargo Beach Road Landfill

U.S. ARMY ENGINEER DISTRICT, ALASKA
NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA

NORTHEAST CAPE 2001 RI PHOTOS



MW 9-3
01NE09MW103



01NE09WP102



01NE09SW/SD108



01NE09SW110



01NE09SW/SD109



01NE09SW/SD107

JOB No. 1850574.260160

MWH
MONTGOMERY WATSON HARZA
Anchorage, Alaska

Sites 9: Housing and Operations Landfill

U.S. ARMY ENGINEER DISTRICT, ALASKA
NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA

NORTHEAST CAPE 2001 RI PHOTOS



Site 14 Sample Grid



Site 14 Sample Grid



Site 14 Sample Grid



Site 14 Sample Grid

JOB No. 1850574.260160

MWH
MONTGOMERY WATSON HARZA
Anchorage, Alaska

Site 14: Emergency Power/Operations Building

U.S. ARMY ENGINEER DISTRICT, ALASKA
NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA

NORTHEAST CAPE 2001 RI PHOTOS



MW 16-2 01NE16GW102



MW 16-2 01NE16GW102



MW16-3 01NE16GW103



MW16-3 01NE16GW103



01NE16SS165, 01NE16SS166

JOB No. 1850574.260160

MWH
MONTGOMERY WATSON HARZA
Anchorage, Alaska

Site 16: Paint and Dope Storage Building

U.S. ARMY ENGINEER DISTRICT, ALASKA
NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA

NORTHEAST CAPE 2001 RI PHOTOS



01NE21SS/SB169



01NE21SS/SB170



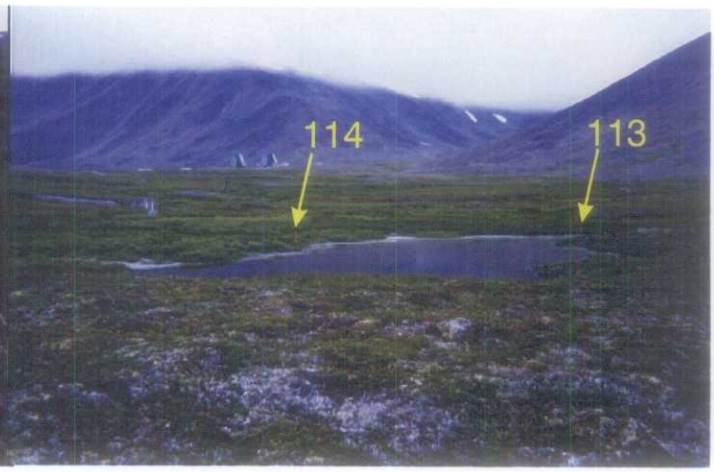
01NE21SS/SB171



01NE21SS172



01NE21SS173



01NE21SW/SD113
01NE21SW/SD114

JOB No. 1850574.260160

MWH
MONTGOMERY WATSON HARZA
Anchorage, Alaska

Sites 21: Wastewater Treatment Facility

U.S. ARMY ENGINEER DISTRICT, ALASKA
NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA

NORTHEAST CAPE 2001 RI PHOTOS



Drinking Water Well 1
01NE35GW101



Removal of Pump from Drinking Water Well 2



Removal of Pump from Drinking Water Well 2
01NE35GW102



Drinking Water Well 3
01NEGW103



Drinking Water Well 4
01NE35GW104

JOB No. 1850574.260160

MWH
MONTGOMERY WATSON HARZA
Anchorage, Alaska

Sites 22 and 26: Potable Water Wells

U.S. ARMY ENGINEER DISTRICT, ALASKA
NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA

NORTHEAST CAPE 2001 RI PHOTOS



01NE24SW/SD114



01NE24SW/SD114



01NE24SW/SD114



01NE24SD115

JOB No. 1850574.260160

MWH
MONTGOMERY WATSON HARZA
Anchorage, Alaska

Site 24: Receiver Building Area

U.S. ARMY ENGINEER DISTRICT, ALASKA
NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA

NORTHEAST CAPE 2001 RI PHOTOS



Cross Section 1 Looking East



Cross Section 1 Looking West



CS 1 Sample A



CS 1 Sample B



CS 1 Sample C



CS 1 Sample D



CS 1 Sample E

MWH
MONTGOMERY WATSON HARZA
Anchorage, Alaska

Site 28: Drainage Basin, Cross Section 1

U.S. ARMY ENGINEER DISTRICT, ALASKA
NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA

NORTHEAST CAPE 2001 RI PHOTOS

JOB No. 1850574.260160



Cross Section 2 Looking East



Cross Section 2 Looking West



CS 2 Sampling



CS 2 Sample A



CS 2 Sample B



CS 2 Sample C



CS 2 Sample D



CS 2 Sample E

JOB No. 1850574.260160

MWH
MONTGOMERY WATSON HARZA
Anchorage, Alaska

Site 28: Drainage Basin, Cross Section 2

U.S. ARMY ENGINEER DISTRICT, ALASKA
NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA

NORTHEAST CAPE 2001 RI PHOTOS



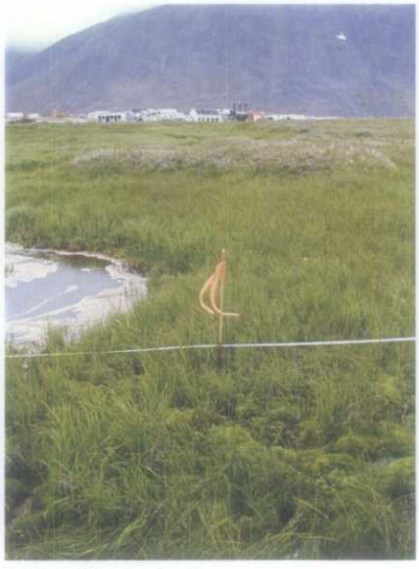
Cross Section 3 Looking East



Cross Section 3 Looking West



CS 3 Sample A



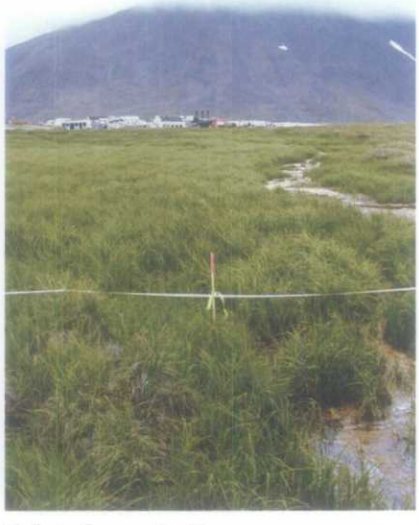
CS 3 Sample B



CS 3 Sample C



CS 3 Sample D



CS 3 Sample E

JOB No. 1850574.260160

MWH
MONTGOMERY WATSON HARZA
Anchorage, Alaska

Site 28: Drainage Basin, Cross Section 3

U.S. ARMY ENGINEER DISTRICT, ALASKA
NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA

NORTHEAST CAPE 2001 RI PHOTOS



Cross Section 4 Looking East



Cross Section 4 Looking West



CS 4 Sample A



CS 4 Sample B



CS 4 Sample C



CS 4 Sample D



CS 4 Sample E

JOB No. 1850574.260160

MWH
MONTGOMERY WATSON HARZA
Anchorage, Alaska

Site 28: Drainage Basin, Cross Section 4

U.S. ARMY ENGINEER DISTRICT, ALASKA
NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA

NORTHEAST CAPE 2001 RI PHOTOS



Cross Section 5 Looking East



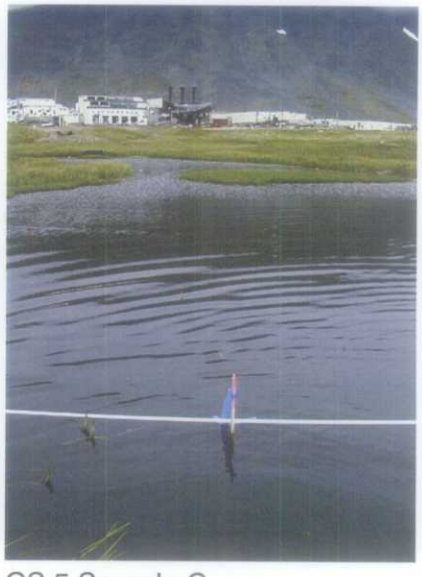
Cross Section 5 Looking West



CS 5 Sample A



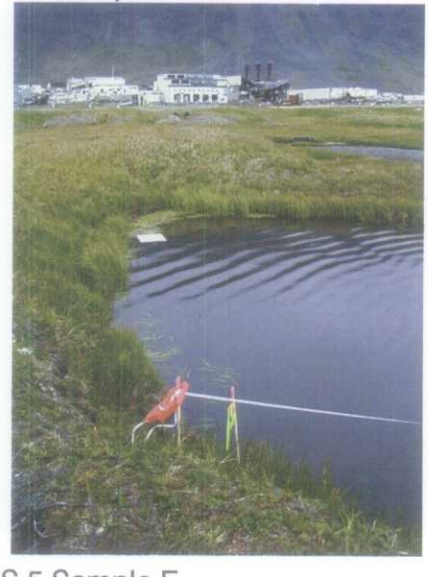
CS 5 Sample B



CS 5 Sample C



CS 5 Sample D



CS 5 Sample E

MWH
MONTGOMERY WATSON HARZA
Anchorage, Alaska

Site 28: Drainage Basin, Cross Section 5

U.S. ARMY ENGINEER DISTRICT, ALASKA
NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA

NORTHEAST CAPE 2001 RI PHOTOS

JOB No. 1850574.260160



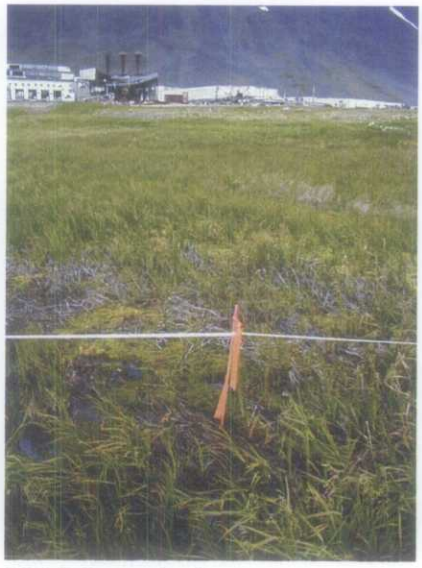
Cross Section 6 Looking East



Cross Section 6 Looking West



CS 6 Sampling



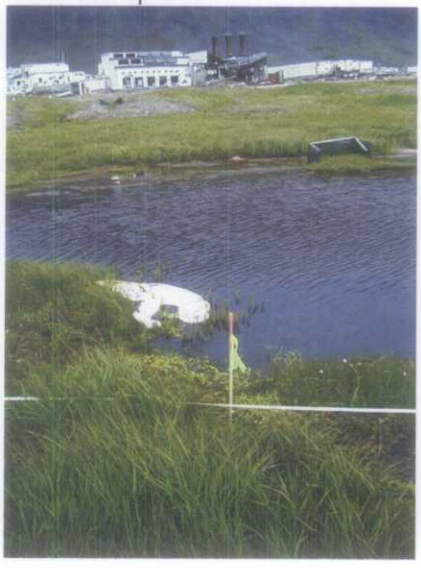
CS 6 Sample B



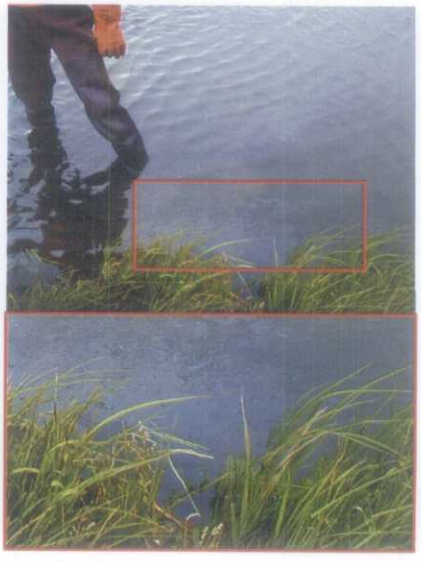
CS 6 Sample C



CS 6 Sample D



CS 6 Sample E



CS 6 Sheen

JOB No. 1850574.260160

MWH
MONTGOMERY WATSON HARZA
Anchorage, Alaska

Site 28: Drainage Basin, Cross Section 6

U.S. ARMY ENGINEER DISTRICT, ALASKA
NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA

NORTHEAST CAPE 2001 RI PHOTOS



Cross Section 7 Looking East



Cross Section 7 Looking West



Cross Section 7 Looking South



Cross Section 8 Looking Southeast



Cross Section 8 Looking West



Cross Section 8 Looking North



Cross Section 8 Looking East



CS 8 Sampling

MWH
MONTGOMERY WATSON HARZA
Anchorage, Alaska

Site 28: Drainage Basin, Cross Section 8

U.S. ARMY ENGINEER DISTRICT, ALASKA
NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA

NORTHEAST CAPE 2001 RI PHOTOS

JOB No. 1850574.260160



Cross Section 9 Looking South



Cross Section 9 Looking West



Cross Section 9 Looking East

JOB No. 1850574.260160

MWH
MONTGOMERY WATSON HARZA
Anchorage, Alaska

Site 28: Drainage Basin, Cross Section 9

U.S. ARMY ENGINEER DISTRICT, ALASKA
NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA

NORTHEAST CAPE 2001 RI PHOTOS



Cross Section 10 Looking North



Cross Section 10 Looking West



Cross Section 10 Looking South



Cross Section 10 Looking East



Cross Section 10 Looking West

JOB No. 1850574.260160

MWH
MONTGOMERY WATSON HARZA
Anchorage, Alaska

Site 28: Drainage Basin, Cross Section 10

U.S. ARMY ENGINEER DISTRICT, ALASKA
NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA

NORTHEAST CAPE 2001 RI PHOTOS



Cross Section 11 Looking South



Cross Section 11 Looking North



CS 11 Sample A



CS 11 Sample B



CS 11 Sample C



CS 11 Sample D



CS 11 Sample E

JOB No. 1850574.260160

MWH
MONTGOMERY WATSON HARZA
Anchorage, Alaska

Site 28: Drainage Basin, Cross Section 11

U.S. ARMY ENGINEER DISTRICT, ALASKA
NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA

NORTHEAST CAPE 2001 RI PHOTOS



Cross Section 12 Looking South



Cross Section 12 Looking North



CS 12 Sample A



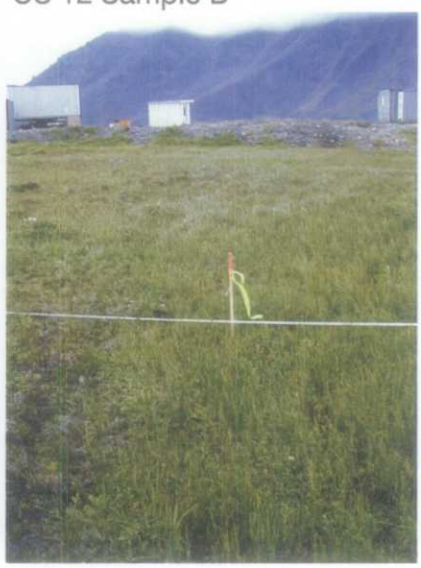
CS 12 Sample B



CS 12 Sample C



CS 12 Sample D



CS 12 Sample E

MONTGOMERY WATSON

Anchorage, Alaska

Site 28: Drainage Basin, Cross Section 12

U.S. ARMY ENGINEER DISTRICT, ALASKA
NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA

NORTHEAST CAPE 2001 RI PHOTOS

JOB No. 1850574.260160



Cross Section 1 Looking East/Southeast



Cross Section 1 Looking South



Cross Section 1 Looking North

MWH
MONTGOMERY WATSON HARZA
Anchorage, Alaska

Site 29: Suqitughneq River, Cross Section 1

U.S. ARMY ENGINEER DISTRICT, ALASKA
NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA

NORTHEAST CAPE 2001 RI PHOTOS

JOB No. 1850574.260160



Cross Section 2 Looking North



Cross Section 2 Looking South/Southeast



Cross Section 2 Looking South/Southeast



Cross Section 3 Looking North



Cross Section 3 Looking North/Northwest



Cross Section 3 Looking South



Cross Section 3 Looking South/Southeast

JOB No. 1850574.260160

MWH
MONTGOMERY WATSON HARZA
Anchorage, Alaska

Site 29: Suqitughneq River, Cross Section 3

U.S. ARMY ENGINEER DISTRICT, ALASKA
NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA

NORTHEAST CAPE 2001 RI PHOTOS



Cross Section 4 Looking Northeast Towards Estuary



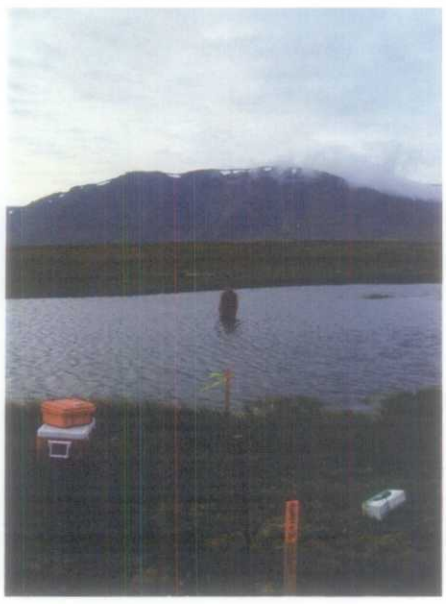
Cross Section 4 Looking Southwest



Cross Section 4 Looking Northwest



Cross Section 4 Looking South
(sampler holding survey lath at midpoint)



Cross Section 4 Looking South

JOB No. 1850574.260160

MWH
MONTGOMERY WATSON HARZA
Anchorage, Alaska

Site 29: Suqitughneq River, Cross Section 4

U.S. ARMY ENGINEER DISTRICT, ALASKA
NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA

NORTHEAST CAPE 2001 RI PHOTOS



Stream Flow 1 Looking West



Stream Flow 1 Looking North



Stream Flow 1 Looking South



Stream Flow 2 Looking South



Stream Flow 2 Looking East



Stream Flow 2 Looking South

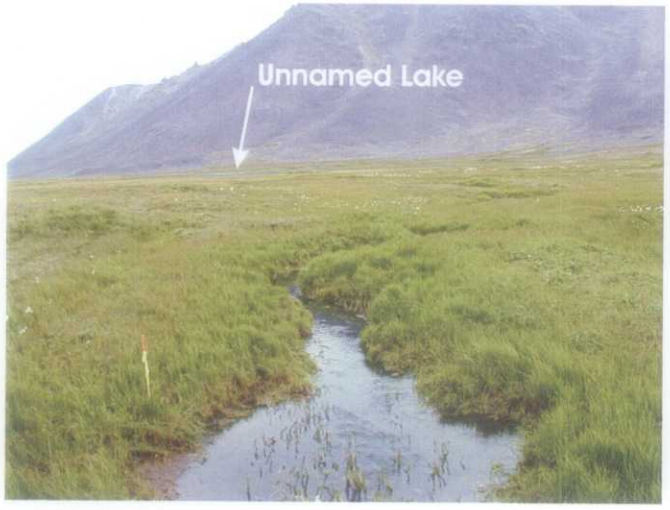
JOB No. 1850574.260160

MWH
MONTGOMERY WATSON HARZA
Anchorage, Alaska

Site 29: Suqitughneq River, Stream Flows 1 & 2

U.S. ARMY ENGINEER DISTRICT, ALASKA
NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA

NORTHEAST CAPE 2001 RI PHOTOS



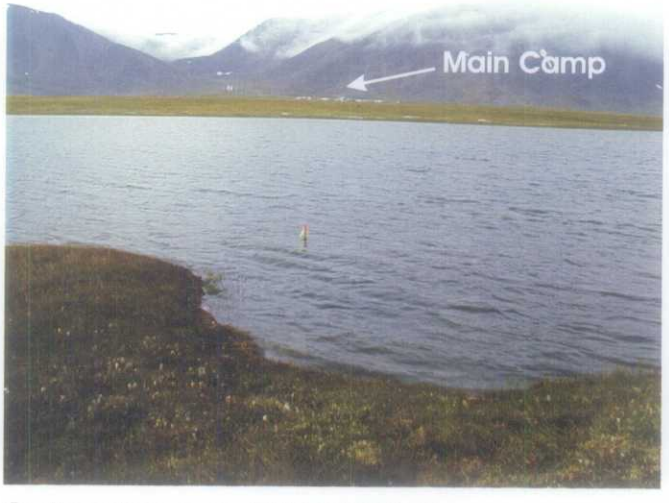
Sediment Sample 01NE29SD126



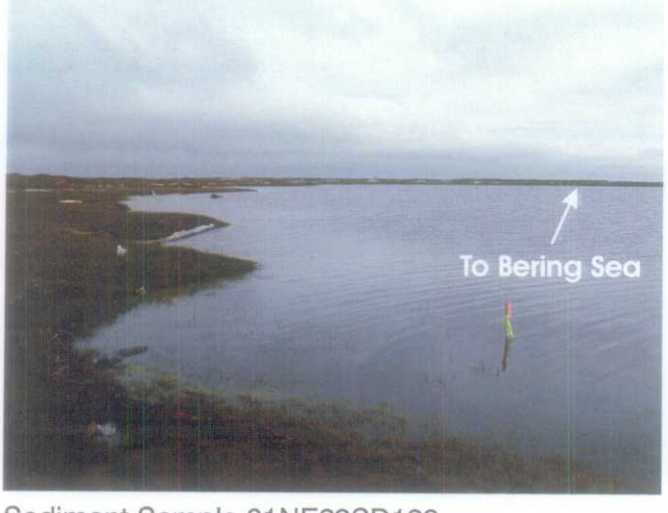
Sediment Sample 01NE29SD127



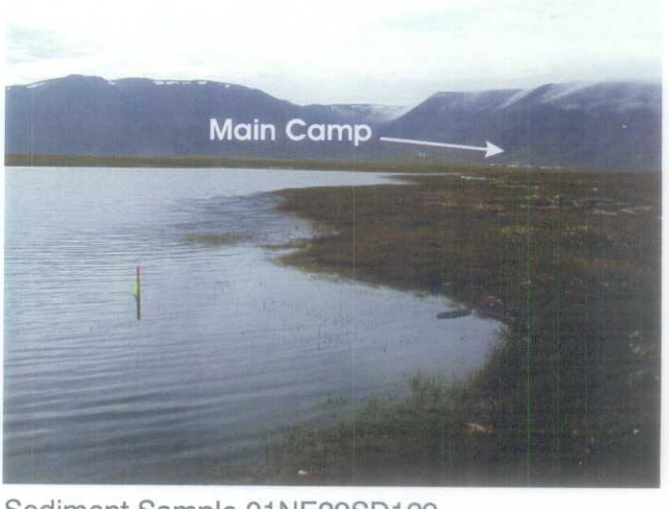
Sediment Sample 01NE29SD128



Sediment Sample 01NE29SD128



Sediment Sample 01NE29SD129



Sediment Sample 01NE29SD129

JOB No. 1850574.260160

MWH
MONTGOMERY WATSON HARZA
Anchorage, Alaska

Site 29: Suqitughneq River, Sediment Samples

U.S. ARMY ENGINEER DISTRICT, ALASKA
NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA

NORTHEAST CAPE 2001 RI PHOTOS



01NE30WP101 Looking West



01NE30WP101 Looking North



01NE30WP102 Looking North



01NE30WP102 Looking South

JOB No. 1850574.260160

MWH
MONTGOMERY WATSON HARZA
Anchorage, Alaska

Site 30: Background Areas

U.S. ARMY ENGINEER DISTRICT, ALASKA
NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA

NORTHEAST CAPE 2001 RI PHOTOS



01NE30SS103 Looking South



01NE30SD101 Looking Southeast



01NE30SS102 Looking South



01NE30SS102 Looking North



01NE30SS101 Looking South



01NE30SS101 Looking North

JOB No. 1850574.260160

MWH
MONTGOMERY WATSON HARZA
Anchorage, Alaska

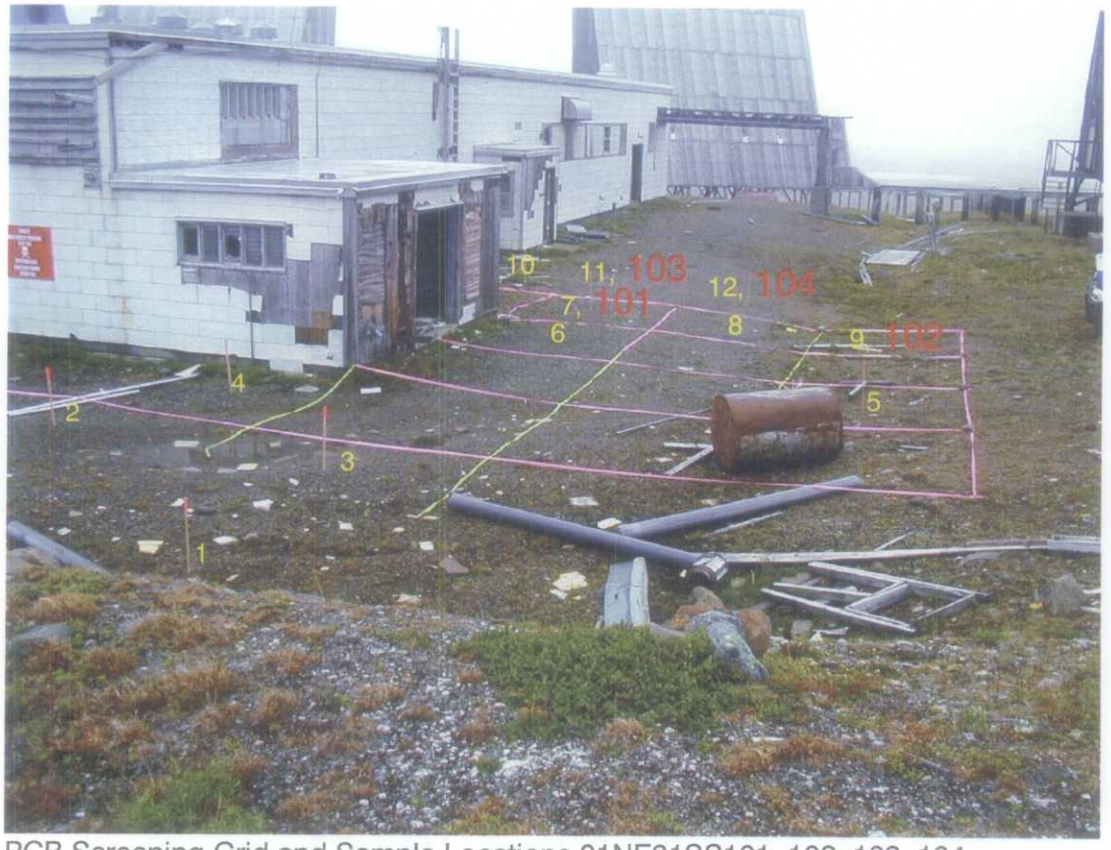
Site 30: Background Areas

U.S. ARMY ENGINEER DISTRICT, ALASKA
NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA

NORTHEAST CAPE 2001 RI PHOTOS



PCB Screening Grid and Sample Locations 01NE31SS101, 102, 103, 104



PCB Screening Grid and Sample Locations 01NE31SS101, 102, 103, 104

MWH
MONTGOMERY WATSON HARZA
Anchorage, Alaska

Site 31: White Alice Communications Site

U.S. ARMY ENGINEER DISTRICT, ALASKA
NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA

NORTHEAST CAPE 2001 RI PHOTOS

JOB No. 1850574.260160



01NE31SS105, 01NE31SS106



01NE31SS105, 01NE31SS106



01NE31SS107, 01NE31SS108



01NE31SS107, 01NE31SS108

MWH
MONTGOMERY WATSON HARZA
Anchorage, Alaska

Site 31: White Alice Communications Site

U.S. ARMY ENGINEER DISTRICT, ALASKA
NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA

NORTHEAST CAPE 2001 RI PHOTOS

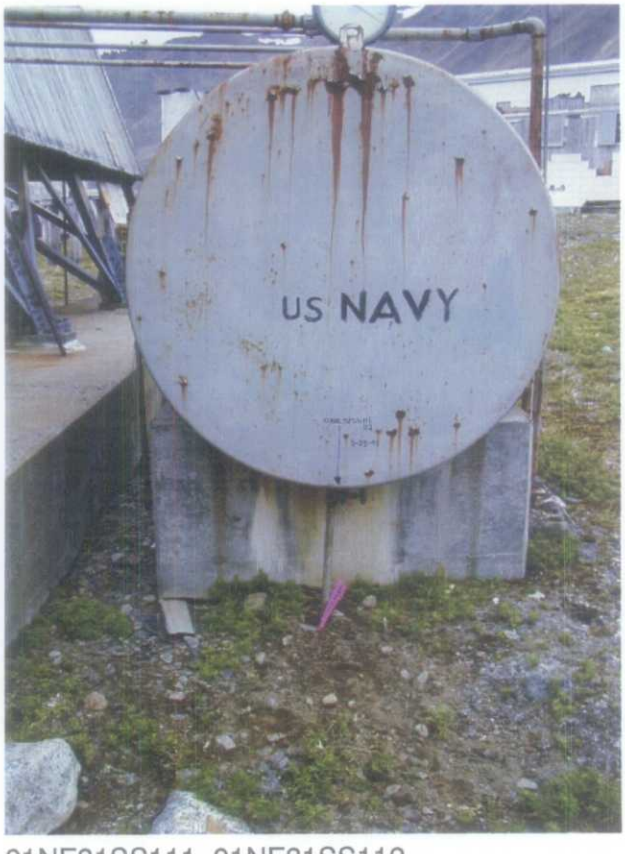
JOB No. 1850574.260160



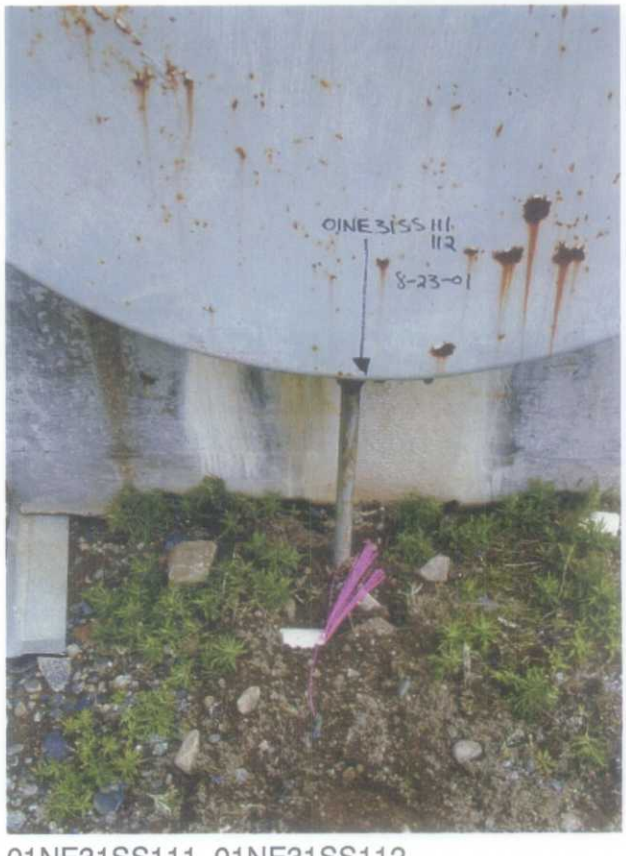
01NE31SS109, 01NE31SS110



01NE31SS109, 01NE31SS110



01NE31SS111, 01NE31SS112



01NE31SS111, 01NE31SS112

JOB No. 1850574.260160

MWH
MONTGOMERY WATSON HARZA
Anchorage, Alaska

Site 31: White Alice Communications Site

U.S. ARMY ENGINEER DISTRICT, ALASKA
NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA

NORTHEAST CAPE 2001 RI PHOTOS



01NE31SS113, 01NE31SS114



01NE31SS115, 01NE31SS116



WACS Fuel Tanks Samples
01NE31SS113, 01NE31SS114
01NE31SS115, 01NE31SS116

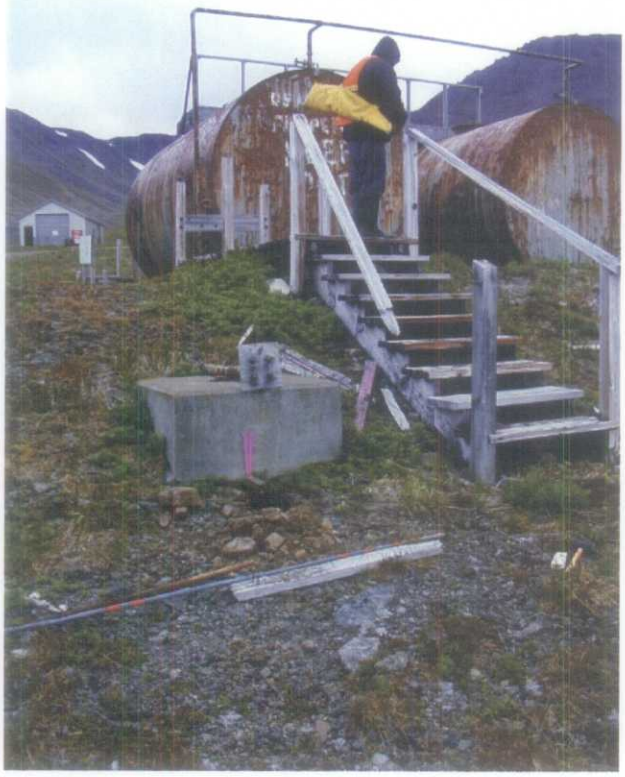
JOB No. 1850574.260160

MWH
MONTGOMERY WATSON HARZA
Anchorage, Alaska

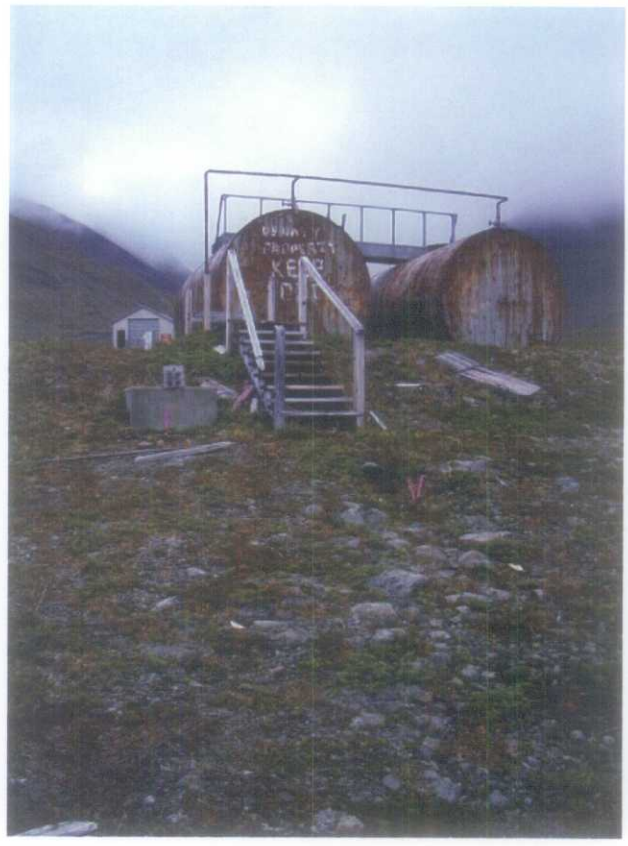
Site 31: White Alice Communications Site

U.S. ARMY ENGINEER DISTRICT, ALASKA
NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA

NORTHEAST CAPE 2001 RI PHOTOS



01NE31SS117, 01NE31SS118



01NE31SS117, 01NE31SS118





01NE31SS119, 01NE31SS120

JOB No. 1850574.260160

MWH
MONTGOMERY WATSON HARZA
Anchorage, Alaska

Site 31: White Alice Communications Site

U.S. ARMY ENGINEER DISTRICT, ALASKA
NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA

NORTHEAST CAPE 2001 RI PHOTOS



01NE31SS123
(discretionary sample for sites 31 & 32)



01NE32SS124
(discretionary sample for sites 31 & 32)



01NE31SS125 (background)



01NE31SS125 (background)

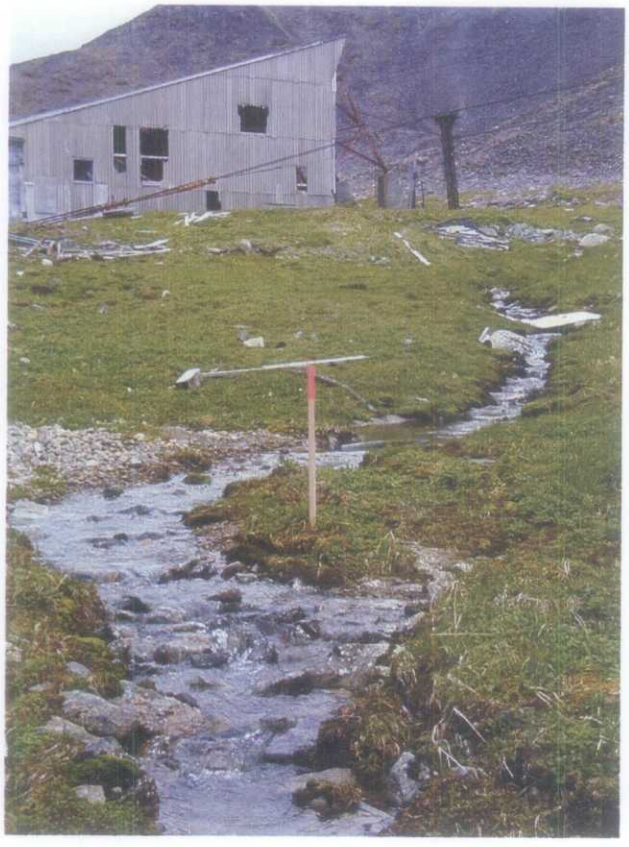
MWH
MONTGOMERY WATSON HARZA
Anchorage, Alaska

Site 31: White Alice Communications Site

U.S. ARMY ENGINEER DISTRICT, ALASKA
NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA

NORTHEAST CAPE 2001 RI PHOTOS

JOB No. 1850574.260160



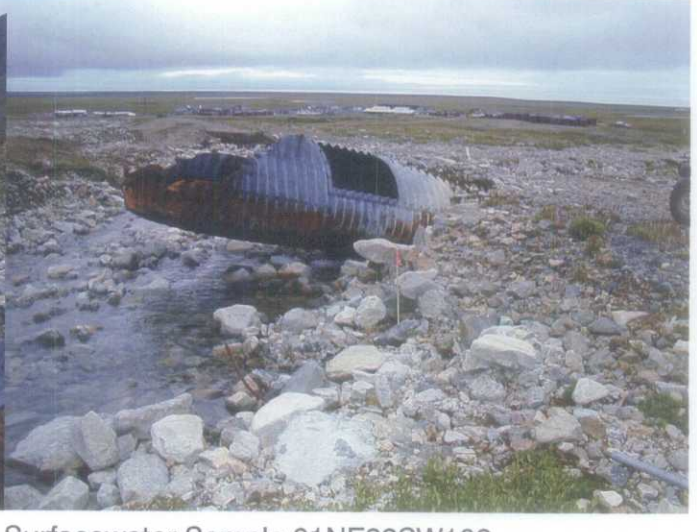
Surfacewater Sample 01NE32SW101
Looking Upstream (South)



Surfacewater Sample 01NE32SW101
Looking Downstream (North)



Surfacewater Sample 01NE32SW102
Looking Upstream (South)



Surfacewater Sample 01NE32SW102
Looking Downstream (North)

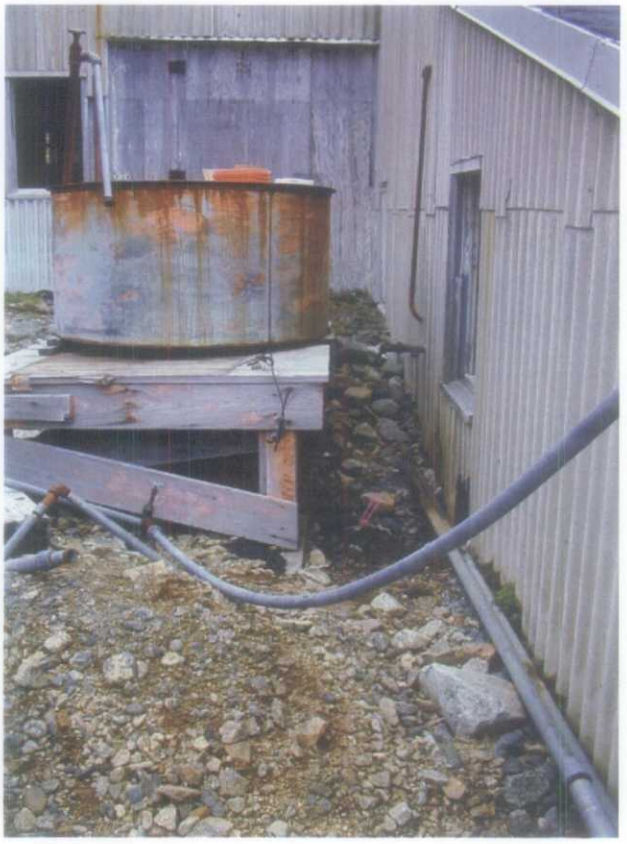
JOB No. 1850574.260160

MWH
MONTGOMERY WATSON HARZA
Anchorage, Alaska

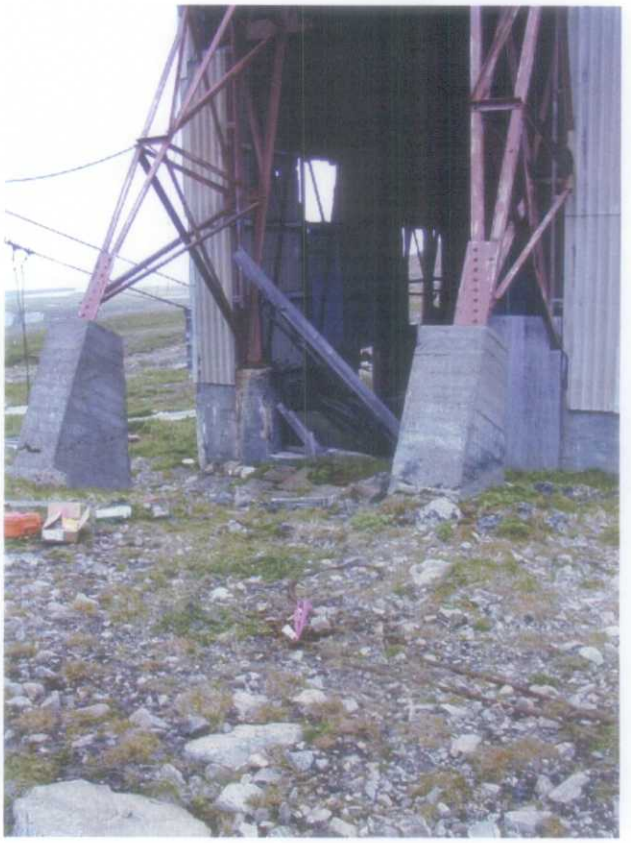
Site 31: White Alice Communications Site

U.S. ARMY ENGINEER DISTRICT, ALASKA
NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA

NORTHEAST CAPE 2001 RI PHOTOS



Surface Sample 01NE32SS101, 01NE32SS102



Surface Sample 01NE32SS103



Surface Sample 01NE32SS104



Surface Sample 01NE32SS105

MWH
MONTGOMERY WATSON HARZA
Anchorage, Alaska

Site 31: White Alice Communications Site

U.S. ARMY ENGINEER DISTRICT, ALASKA
NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA

NORTHEAST CAPE 2001 RI PHOTOS

JOB No. 18505/4.260160



Surface Sample 01NE32SS121, 221, 331
Looking Upgradient (South)



Surface Sample 01NE32SS121,221,321
Looking Down Gradient (North)



Surface Sample 01NE32SS122



Surface Sample 01NE32SS122

MWH
MONTGOMERY WATSON HARZA
Anchorage, Alaska

Site 31: White Alice Communications Site

U.S. ARMY ENGINEER DISTRICT, ALASKA
NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA

NORTHEAST CAPE 2001 RI PHOTOS

JOB No. 18505/4.2601160



01NE35SS101, 102, 103 (Upper Tram Terminal)



01NE35SS101, 102, 103 (Upper Tram Terminal)



01NE35SS101



01NE35SS102



01NE35SS103

JOB No. 1850574.260160

MWH
MONTGOMERY WATSON HARZA
Anchorage, Alaska

Site 33: Upper Tram Terminal

U.S. ARMY ENGINEER DISTRICT, ALASKA
NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA

NORTHEAST CAPE 2001 RI PHOTOS



01NE34SS101



01NE34SS102



01NE34SS103



01NE34SS104



01NE34SS105, 01NE34SS106



01NE34SS105, 01NE34SS106

MWH
MONTGOMERY WATSON HARZA
Anchorage, Alaska

Site 34: Upper Camp

U.S. ARMY ENGINEER DISTRICT, ALASKA
NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA

NORTHEAST CAPE 2001 RI PHOTOS

JOB No. 1850574.260160



01NE34SS107, 108, 109, 110



01NE34SS111 (Site Background)



Stream Flow Measurement 1, Looking South



Sheen after disturbing river bottom



Detail of river, note low water level



Stream Flow Measurement 1, Looking West



Stream Flow Measurement 1, 2001 note high water

JOB No. 1850574.260160

MWH
MONTGOMERY WATSON HARZA
Anchorage, Alaska

Stream Flow 1

U.S. ARMY ENGINEER DISTRICT, ALASKA
NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA

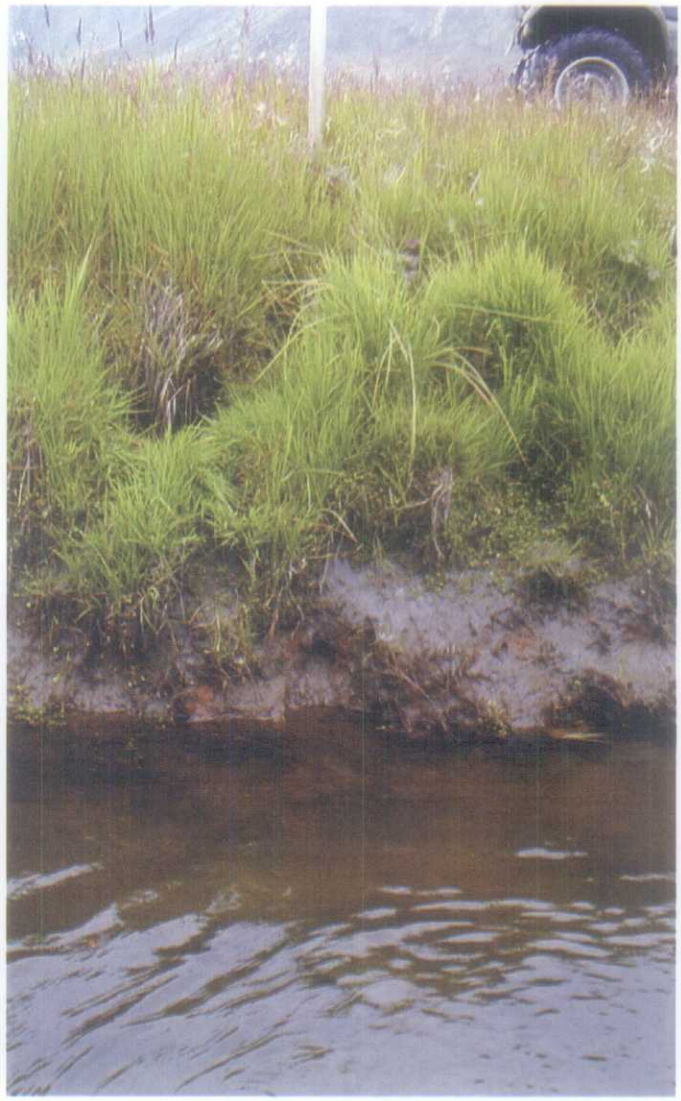
NORTHEAST CAPE 2002 RI PHOTOS



Stream Flow Measurement 2, Looking South



Sheen after disturbing river bottom



Detail of river, note low water level



Stream Flow Measurement 2, Looking South



Stream Flow Measurement 2, 2001 note high water

JOB No. 1850574.260160

MWH
MONTGOMERY WATSON HARZA
Anchorage, Alaska

Stream Flow Measurement 2

U.S. ARMY ENGINEER DISTRICT, ALASKA
NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA

NORTHEAST CAPE 2002 RI PHOTOS



Detail of river, note low water level



Stream Flow Measurement 3, Looking South



Stream Flow Measurement 3, 2001 note high water

JOB No. 18505/74.260160

MWH
MONTGOMERY WATSON HARZA
Anchorage, Alaska

Stream Flow 3

U.S. ARMY ENGINEER DISTRICT, ALASKA
NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA

NORTHEAST CAPE 2002 RI PHOTOS



Soil Boring 22-2



Soil Boring 22-2



Soil Boring 22-2, 22-1 in background



Debris pile in vicinity of original location for SB 22-1



Soil Boring 22-1



Soil Boring 22-1 and debris pile

MWH
MONTGOMERY WATSON HARZA
Anchorage, Alaska

Site 22: Water Storage Facility

U.S. ARMY ENGINEER DISTRICT, ALASKA
NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA

NORTHEAST CAPE 2002 RI PHOTOS

JOB No. 1850574.260160



Monitoring Well 88-1



Monitoring Well 88-1, swing tie



Monitoring Well 88-3, prior to pad being set

JOB No. 1850574.260160

MWH
MONTGOMERY WATSON HARZA
Anchorage, Alaska

Site 88 (Sites 13, 15, 19 & 27) Main Operations Complex

U.S. ARMY ENGINEER DISTRICT, ALASKA
NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA

NORTHEAST CAPE 2002 RI PHOTOS



Monitoring Well 88-4



Monitoring Well 88-4



Monitoring Well 88-5



Monitoring Well 88-5



Monitoring Well 88-6



Monitoring Well 88-6

JOB No. 1850574.260160

MWH
MONTGOMERY WATSON HARZA
Anchorage, Alaska

Site 88 (Sites 13, 15, 19 & 27) Main Operations Complex

U.S. ARMY ENGINEER DISTRICT, ALASKA
NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA

NORTHEAST CAPE 2002 RI PHOTOS



Monitoring Well 88-7



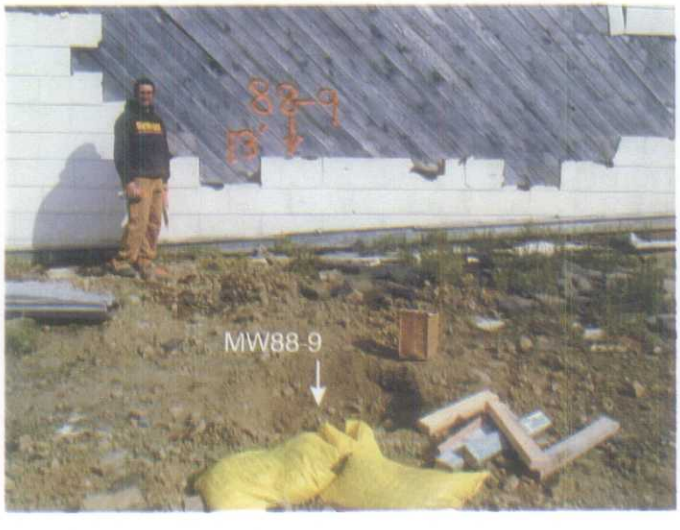
Monitoring Well 88-7



Monitoring Well 88-8



Monitoring Well 88-8, swing tie



Monitoring Well 88-9



Monitoring Well 88-9

JOB No. 1850574.260160

MWH
MONTGOMERY WATSON HARZA
Anchorage, Alaska

Site 88 (Sites 13, 15, 19 & 27) Main Operations Complex

U.S. ARMY ENGINEER DISTRICT, ALASKA
NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA

NORTHEAST CAPE 2002 RI PHOTOS



Monitoring Well 88-10



Monitoring Well 88-10



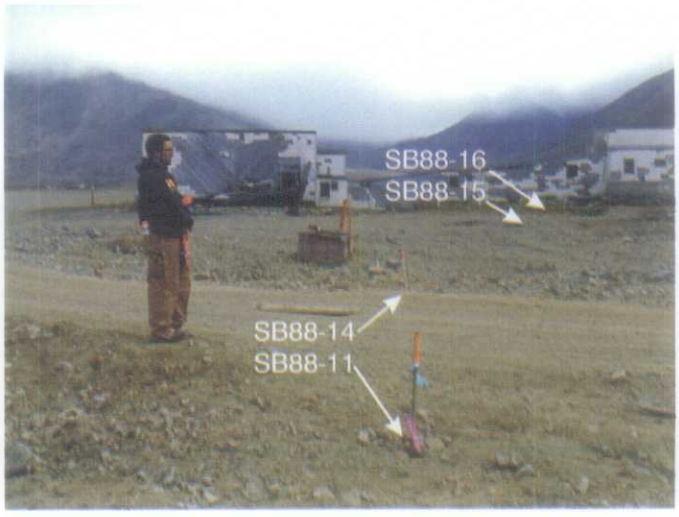
Soil Boring 88-11



Soil Boring 88-11



Soil Borings 88-12, 88-13



Soil Borings 88-11, 88-14, 88-15, 88-16

JOB No. 1850574.260160

MWH
MONTGOMERY WATSON HARZA
Anchorage, Alaska

Site 88 (Sites 13, 15, 19 & 27) Main Operations Complex

U.S. ARMY ENGINEER DISTRICT, ALASKA
NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA

NORTHEAST CAPE 2002 RI PHOTOS



Soil Boring 88-17



Soil Boring 88-18

APPENDIX D

Analytical Data Tables

MWH

Summary of Analytical Results Site 3 and Site 4
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
Site 3								
01NE03WP102	Ground Water	AK102	DRO	3.3	mg/L	0.25	0.02	
		AK103	RRO	1.3	mg/L	0.50	0.50	VJ
01NE03WP103	Ground Water	AK102	DRO	2.4	mg/L	1.2	0.12	
		AK103	RRO	8.1	mg/L	2.5	2.5	VJ
01NE03WP104	Ground Water	AK102	DRO	1.8	mg/L	1.2	0.12	
		AK103	RRO	6.3	mg/L	2.5	2.5	VJ
Site 4								
01NE04WP102	Ground Water	AK102	DRO	1.4	mg/L	1.2	0.12	VB
		AK103	RRO	6.5	mg/L	2.5	2.5	VJ
01NE04WP103	Ground Water	AK102	DRO	2.0	mg/L	1.2	0.12	VB
		AK103	RRO	5.4	mg/L	2.5	2.5	VJ
01NE04WP104	Ground Water	AK102	DRO	0.96	mg/L	0.25	0.02	VB
		AK103	RRO	2.6	mg/L	0.50	0.50	VJ

Key:
DRO - diesel range organics
MDL - method detection limit
mg/L - milligram per liter
MRL - method reporting limit
RRO - residual range organics
VB - The analyte was detected in the assoicated blank and the sample indicating possible co
VJ - The analyte was positively identified; the quantitaion is an estimation.

ıntamination.

Summary of Analytical Results Site 6
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE06SD116	Sediment	SW8260 SIM	Benzene	ND	mg/Kg	0.011	0.011	
			Ethylbenzene	0.012	mg/Kg	0.011	0.0055	VB
			m,p-Xylene (sum)	0.044	mg/Kg	0.022	0.022	VB
			o-Xylene	0.014	mg/Kg	0.011	0.0094	VB
			Toluene	0.078	mg/Kg	0.011	0.011	VB
		AK101	GRO	ND	mg/Kg	26.1	9.03	
		AK102	DRO	110	mg/Kg	10	1.8	
		AK103	RRO	880	mg/Kg	20	20	VJ
		E200.8	Arsenic	1.6	mg/Kg	0.7	0.1	
		SW6010B	Aluminum	7790	mg/Kg	7	4	
			Antimony	ND	mg/Kg	20	5	
			Barium	53	mg/Kg	1	0.1	
			Beryllium	0.6	mg/Kg	0.4	0.1	
			Cadmium	ND	mg/Kg	0.7	0.3	
			Calcium	1790	mg/Kg	20	0.1	
			Chromium	6	mg/Kg	2	0.5	
			Cobalt	2	mg/Kg	1	0.2	
			Copper	7.4	mg/Kg	0.7	0.7	
			Iron	12200	mg/Kg	7	2	
			Lead	8	mg/Kg	7	2	
			Magnesium	1530	mg/Kg	7	3	
			Manganese	72.7	mg/Kg	0.4	0.1	
			Nickel	5	mg/Kg	4	1	
			Potassium	1500	mg/Kg	180	100	
			Selenium	ND	mg/Kg	20	4	
			Silver	ND	mg/Kg	1	0.3	
			Sodium	450	mg/Kg	20	5	
			Thallium	ND	mg/Kg	20	2	
			Vanadium	16	mg/Kg	1	0.6	
			Zinc	20	mg/Kg	2	1	
		SW7471A	Mercury	ND	mg/Kg	0.2	0.05	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.13	0.0358	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.27	0.043	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.13	0.0185	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.13	0.0219	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.13	0.0144	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.13	0.0434	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.13	0.0352	
01NE06SD117	Sediment	SW8260 SIM	Benzene	ND	mg/Kg	0.00067	0.00067	
			Ethylbenzene	0.00088	mg/Kg	0.00067	0.00033	VB
			m,p-Xylene (sum)	0.0033	mg/Kg	0.0013	0.0013	VB
			o-Xylene	0.001	mg/Kg	0.00067	0.00056	VB
			Toluene	0.0047	mg/Kg	0.00067	0.00063	VB
		AK101	GRO	ND	mg/Kg	9.09	3.15	
		AK102	DRO	40	mg/Kg	5	0.58	
		AK103	RRO	220	mg/Kg	10	10	VJ
		E200.8	Arsenic	4.1	mg/Kg	0.3	0.06	
		SW6010B	Aluminum	9850	mg/Kg	2	1	
			Antimony	ND	mg/Kg	6	2	
			Barium	53.8	mg/Kg	0.4	0.05	
			Beryllium	0.8	mg/Kg	0.1	0.04	
			Cadmium	ND	mg/Kg	0.2	0.1	
			Calcium	2360	mg/Kg	6	0.04	
			Chromium	13.9	mg/Kg	0.6	0.2	
			Cobalt	5.1	mg/Kg	0.4	0.07	
			Copper	8	mg/Kg	0.2	0.2	
			Iron	16400	mg/Kg	2	0.8	
			Lead	15	mg/Kg	2	0.8	
01NE06SD117	Sediment	SW6010B	Magnesium	2900	mg/Kg	2	1	
			Manganese	164	mg/Kg	0.1	0.04	
			Nickel	9	mg/Kg	1	0.4	
			Potassium	820	mg/Kg	60	50	
			Selenium	ND	mg/Kg	6	1	

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
			Silver	ND	mg/Kg	0.4	0.09	
			Sodium	160	mg/Kg	6	2	
			Thallium	ND	mg/Kg	6	0.8	
			Vanadium	25.8	mg/Kg	0.4	0.2	
			Zinc	29.8	mg/Kg	0.7	0.4	
		SW7471A	Mercury	ND	mg/Kg	0.06	0.02	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.043	0.0115	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.086	0.0137	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.043	0.00593	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.043	0.007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.043	0.0046	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.043	0.0139	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.043	0.0113	
01NE06SW116	Surface water	AK102	DRO	ND	mg/L	0.25	0.02	
		AK103	RRO	ND	mg/L	0.5	0.5	VQQ
01NE06TP101	Subsurface soil test pit Depth-5.3 feet bgs	AK102	DRO	2000	mg/Kg	50	5	
		AK103	RRO	3400	mg/Kg	100	100	VJ
		DU	otal Organic Carbon (TOC	2	PERCENT	0.005	0.005	
		E160.3	Total Solids	89.2	PERCENT	0.01	0.01	
01NE06TP102	Subsurface soil test pit Depth-5.0 feet bgs	AK102	DRO	3000	mg/Kg	250	25	
		AK103	RRO	8500	mg/Kg	500	500	VJ
		DU	otal Organic Carbon (TOC	2.6	PERCENT	0.005	0.005	
		E160.3	Total Solids	88	PERCENT	0.01	0.01	
01NE06TP201	Subsurface soil test pit	AK102	DRO	860	mg/Kg	50	4.9	
		AK103	RRO	1300	mg/Kg	100	100	VJ
01NE06WP102	Ground Water	AK102	DRO	ND	mg/L	0.25	0.02	
		AK103	RRO	ND	mg/L	0.5	0.5	VQQ
01NE06WP103	Ground Water	SW8021	Benzene	ND	mg/L	0.001	0.0002	
			Ethylbenzene	ND	mg/L	0.001	0.00019	
			m,p-Xylene (sum)	ND	mg/L	0.001	0.00021	
			o-Xylene	ND	mg/L	0.001	0.00015	
			Toluene	ND	mg/L	0.001	0.0002	
		AK101	GRO	ND	mg/L	0.25	0.1	
		AK102	DRO	0.29	mg/L	0.25	0.02	VB
		AK103	RRO	ND	mg/L	0.5	0.5	VQQ
		SW6010B	Aluminum	78.3	mg/L	0.02	0.012	
			Antimony	ND	mg/L	0.05	0.014	
			Barium	0.406	mg/L	0.003	0.0004	
			Beryllium	0.004	mg/L	0.001	0.0003	
			Cadmium	0.006	mg/L	0.002	0.00084	
			Calcium	15.8	mg/L	0.05	0.0003	
			Chromium	1.22	mg/L	0.005	0.0013	
			Cobalt	0.052	mg/L	0.003	0.0006	
			Copper	0.26	mg/L	0.002	0.002	
			Iron	98.8	mg/L	0.02	0.0063	
			Magnesium	15.6	mg/L	0.02	0.0084	
			Manganese	1.58	mg/L	0.001	0.0003	
			Nickel	1.68	mg/L	0.01	0.0034	
			Potassium	7.92	mg/L	0.5	0.38	
			Silver	ND	mg/L	0.003	0.0007	
			Sodium	17.7	mg/L	0.05	0.015	
			Vanadium	0.153	mg/L	0.003	0.0017	
			Zinc	17.7	mg/L	0.006	0.0029	
01NE06WP103	Ground Water	SW7060A	Arsenic	0.022	mg/L	0.002	0.0011	
		SW7421	Lead	0.16	mg/L	0.01	0.0086	
01NE06WP103	Ground Water	SW7470A	Mercury	0.0001	mg/L	0.0001	0.00003	
		SW7740	Selenium	ND	mg/L	0.004	0.0017	
		SW7841	Thallium	0.002	mg/L	0.002	0.0016	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/L	0.001	0.00027	
			PCB-1221 (Aroclor 1221)	ND	mg/L	0.002	0.00025	
			PCB-1232 (Aroclor 1232)	ND	mg/L	0.001	0.00026	
			PCB-1242 (Aroclor 1242)	ND	mg/L	0.001	0.00021	
			PCB-1248 (Aroclor 1248)	ND	mg/L	0.001	0.00025	

Summary of Analytical Results Site 6
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
			PCB-1254 (Aroclor 1254)	ND	mg/L	0.001	0.0003	
			PCB-1260 (Aroclor 1260)	ND	mg/L	0.001	0.00032	

Key:
DRO - diesel range organics
MDL - method detection limit
mg/L - milligram per liter
MRL - method reporting limit
RRO - residual range organics
SIM - selected ion monitoring
VB - The analyte was detected in the assoicated blank and the sample indicating possible contamination.
VJ - The analyte was positively identified; the quantitaion is an estimation.
VQQ - The practical quantation limit is approximate due to QC or matrix effects.

Summary of Analytical Results Site 7
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE07SD104	Sediment	AK102	DRO	1400	mg/Kg	59	11	
		AK103	RRO	2800	mg/Kg	120	120	VJ
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.014	0.014	
			Acenaphthene	ND	mg/Kg	0.014	0.0096	
			Acenaphthylene	ND	mg/Kg	0.014	0.0093	
			Anthracene	ND	mg/Kg	0.014	0.0093	
			Benzo(a)anthracene	ND	mg/Kg	0.014	0.0079	
			Benzo(a)pyrene	ND	mg/Kg	0.014	0.0068	
			Benzo(b)fluoranthene	0.014	mg/Kg	0.014	0.0091	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.014	0.0079	
			Benzo(k)fluoranthene	0.014	mg/Kg	0.014	0.007	
			Chrysene	0.035	mg/Kg	0.014	0.0066	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.014	0.0068	
			Dibenzofuran	ND	mg/Kg	0.014	0.014	
			Fluoranthene	ND	mg/Kg	0.014	0.0072	
			Fluorene	ND	mg/Kg	0.014	0.011	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.014	0.0098	
			Naphthalene	ND	mg/Kg	0.014	0.013	
			Phenanthrene	ND	mg/Kg	0.014	0.0091	
			Pyrene	0.026	mg/Kg	0.014	0.0081	
		E200.8	Arsenic	3.3	mg/Kg	0.6	0.1	
		SW6010B	Aluminum	12000	mg/Kg	6	4	
			Antimony	ND	mg/Kg	20	5	
			Barium	77.4	mg/Kg	1	0.1	
			Beryllium	1.2	mg/Kg	0.3	0.1	
			Cadmium	1	mg/Kg	0.6	0.3	
			Calcium	3040	mg/Kg	20	0.1	
			Chromium	19	mg/Kg	2	0.4	
			Cobalt	3.2	mg/Kg	1	0.2	
			Copper	27.5	mg/Kg	0.6	0.6	
			Iron	18400	mg/Kg	6	2	
			Lead	41	mg/Kg	6	2	
			Magnesium	2140	mg/Kg	6	3	
			Manganese	79.5	mg/Kg	0.3	0.1	
			Nickel	13	mg/Kg	3	1	
			Potassium	1000	mg/Kg	160	100	
			Selenium	ND	mg/Kg	20	3	
			Silver	ND	mg/Kg	1	0.2	
			Sodium	180	mg/Kg	20	5	
			Thallium	ND	mg/Kg	20	2	
			Vanadium	25.4	mg/Kg	1	0.5	
			Zinc	203	mg/Kg	2	0.9	
		SW7471A	Mercury	0.1	mg/Kg	0.1	0.04	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.079	0.0211	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.16	0.0253	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.079	0.0109	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.079	0.0129	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.079	0.00846	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.079	0.0255	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.079	0.0207	
		SW8260	1,1,1,2-Tetrachloroethane	ND	mg/Kg	0.15	0.062	
			1,1,1-Trichloroethane	0.28	mg/Kg	0.15	0.042	
			1,1,2,2-Tetrachloroethane	ND	mg/Kg	0.15	0.1	
			1,1,2-Trichloro-1,2,2-trifluoroeth	ND	mg/Kg	0.15	0.036	
			1,1,2-Trichloroethane	ND	mg/Kg	0.15	0.043	
			1,1-Dichloroethane	ND	mg/Kg	0.15	0.056	
			1,1-Dichloroethene	ND	mg/Kg	0.15	0.048	

Summary of Analytical Results Site 7
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE07SD104	Sediment	SW8260	1,1-Dichloropropene	ND	mg/Kg	0.15	0.045	
			1,2,3-Trichlorobenzene	ND	mg/Kg	0.77	0.071	
			1,2,3-Trichloropropane	ND	mg/Kg	0.31	0.09	
			1,2,4-Trichlorobenzene	ND	mg/Kg	0.77	0.068	
			1,2,4-Trimethylbenzene	ND	mg/Kg	0.15	0.059	
			1,2-Dibromo-3-chloropropane	ND	mg/Kg	0.77	0.11	
			1,2-Dibromoethane	ND	mg/Kg	0.15	0.046	
			1,2-Dichlorobenzene	ND	mg/Kg	0.15	0.067	
			1,2-Dichloroethane	ND	mg/Kg	0.15	0.033	
			1,2-Dichloropropane	ND	mg/Kg	0.15	0.036	
			1,3,5-Trimethylbenzene	ND	mg/Kg	0.15	0.063	
			1,3-Dichlorobenzene	ND	mg/Kg	0.15	0.056	
			1,3-Dichloropropane	ND	mg/Kg	0.15	0.062	
			1,4-Dichlorobenzene	ND	mg/Kg	0.15	0.06	
			2,2-Dichloropropane	ND	mg/Kg	0.15	0.054	
			2-Butanone	ND	mg/Kg	0.77	0.72	
			2-Chloroethyl vinyl ether	ND	mg/Kg	0.77	0.068	
			2-Chlorotoluene	ND	mg/Kg	0.15	0.096	
			2-Hexanone	ND	mg/Kg	0.77	0.61	
			4-Chlorotoluene	ND	mg/Kg	0.15	0.059	
			4-Isopropyltoluene	ND	mg/Kg	0.15	0.06	
			4-Methyl-2-pentanone	ND	mg/Kg	0.77	0.48	
			Acetone	0.91	mg/Kg	0.77	0.72	
			Acrolein	ND	mg/Kg	7.7	0.98	
			Acrylamide	ND	mg/Kg	0.77	0.11	
			Benzene	ND	mg/Kg	0.15	0.039	
			Bromobenzene	ND	mg/Kg	0.15	0.062	
			Bromochloromethane	ND	mg/Kg	0.15	0.056	
			Bromodichloromethane	ND	mg/Kg	0.15	0.025	
			Bromoethane	ND	mg/Kg	0.31	0.065	
			Bromoform	ND	mg/Kg	0.15	0.048	
			Bromomethane	0.17	mg/Kg	0.15	0.1	VB
			Carbon disulfide	ND	mg/Kg	0.15	0.045	
			Carbon tetrachloride	ND	mg/Kg	0.15	0.036	
			Chlorobenzene	ND	mg/Kg	0.15	0.053	
			Chloroethane	ND	mg/Kg	0.15	0.053	
			Chloroform	ND	mg/Kg	0.15	0.043	
			Chloromethane	ND	mg/Kg	0.15	0.042	
			cis-1,2-Dichloroethene	ND	mg/Kg	0.15	0.043	
			cis-1,3-Dichloropropene	ND	mg/Kg	0.15	0.036	
			Dibromochloromethane	ND	mg/Kg	0.15	0.042	
			Dibromomethane	ND	mg/Kg	0.15	0.042	
			Ethylbenzene	ND	mg/Kg	0.15	0.057	
			Hexachlorobutadiene	ND	mg/Kg	0.77	0.21	
			Isopropylbenzene	ND	mg/Kg	0.15	0.065	
			m,p-Xylene (sum)	ND	mg/Kg	0.15	0.11	
			Methyl iodide	ND	mg/Kg	0.15	0.068	
			Methylene chloride	ND	mg/Kg	0.46	0.35	VQQ
			Naphthalene	ND	mg/Kg	0.77	0.11	
			n-Butylbenzene	ND	mg/Kg	0.31	0.067	
			n-Propylbenzene	ND	mg/Kg	0.15	0.059	
			o-Xylene	ND	mg/Kg	0.15	0.05	
			sec-Butylbenzene	ND	mg/Kg	0.15	0.076	
			Styrene	ND	mg/Kg	0.15	0.043	
			tert-Butylbenzene	ND	mg/Kg	0.15	0.068	
			Tetrachloroethene	ND	mg/Kg	0.15	0.079	
			Toluene	ND	mg/Kg	0.15	0.048	

Summary of Analytical Results Site 7
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE07SD104	Sediment	SW8260	trans-1,2-Dichloroethene	ND	mg/Kg	0.15	0.048	
			trans-1,3-Dichloropropene	ND	mg/Kg	0.15	0.034	
			trans-1,4-Dichloro-2-butene	ND	mg/Kg	0.77	0.059	
			Trichloroethene	ND	mg/Kg	0.15	0.057	
			Trichlorofluoromethane	ND	mg/Kg	0.15	0.06	
			Vinyl acetate	ND	mg/Kg	0.77	0.11	
			Vinyl chloride	ND	mg/Kg	0.15	0.054	
01NE07SD105	Sediment	SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.05	0.05	
			Acenaphthene	ND	mg/Kg	0.05	0.033	
			Acenaphthylene	ND	mg/Kg	0.05	0.033	
			Anthracene	ND	mg/Kg	0.05	0.033	
			Benzo(a)anthracene	ND	mg/Kg	0.05	0.027	
			Benzo(a)pyrene	ND	mg/Kg	0.05	0.024	
			Benzo(b)fluoranthene	ND	mg/Kg	0.05	0.032	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.05	0.027	
			Benzo(k)fluoranthene	ND	mg/Kg	0.05	0.025	
			Chrysene	ND	mg/Kg	0.05	0.023	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.05	0.024	
			Dibenzofuran	ND	mg/Kg	0.05	0.05	
			Fluoranthene	ND	mg/Kg	0.05	0.025	
			Fluorene	ND	mg/Kg	0.05	0.037	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.05	0.034	
			Naphthalene	ND	mg/Kg	0.05	0.047	
			Phenanthrene	ND	mg/Kg	0.05	0.032	
			Pyrene	ND	mg/Kg	0.05	0.028	
		AK102	DRO	280	mg/Kg	21	3.8	
		AK103	RRO	1700	mg/Kg	42	42	VJ
		E200.8	Arsenic	4.1	mg/Kg	0.6	0.1	
		SW6010B	Aluminum	3640	mg/Kg	6	4	
			Antimony	ND	mg/Kg	20	5	
			Barium	28	mg/Kg	1	0.1	
			Beryllium	0.4	mg/Kg	0.3	0.1	
			Cadmium	1.1	mg/Kg	0.6	0.3	
			Calcium	1780	mg/Kg	20	0.1	
			Chromium	5	mg/Kg	2	0.4	
			Cobalt	2	mg/Kg	1	0.2	
			Copper	13.6	mg/Kg	0.6	0.6	
			Iron	8380	mg/Kg	6	2	
			Lead	20	mg/Kg	6	2	
			Magnesium	740	mg/Kg	6	3	
			Manganese	55.3	mg/Kg	0.3	0.1	
			Nickel	5	mg/Kg	3	1	
			Potassium	370	mg/Kg	160	100	
			Selenium	ND	mg/Kg	20	3	
			Silver	ND	mg/Kg	1	0.2	
			Sodium	120	mg/Kg	20	5	
			Thallium	ND	mg/Kg	20	2	
			Vanadium	9.8	mg/Kg	1	0.5	
			Zinc	62	mg/Kg	2	0.9	
		SW7471A	Mercury	ND	mg/Kg	0.1	0.04	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.28	0.0747	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.56	0.0895	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.28	0.0386	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.28	0.0456	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.28	0.0299	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.28	0.0903	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.28	0.0733	

Summary of Analytical Results Site 7
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE07SD105	Sediment	SW8260	1,1,1,2-Tetrachloroethane	ND	mg/Kg	0.2	0.08	
			1,1,1-Trichloroethane	0.2	mg/Kg	0.2	0.054	
			1,1,2,2-Tetrachloroethane	ND	mg/Kg	0.2	0.13	
			1,1,2-Trichloro-1,2,2-trifluoroeth	ND	mg/Kg	0.2	0.046	
			1,1,2-Trichloroethane	ND	mg/Kg	0.2	0.056	
			1,1-Dichloroethane	ND	mg/Kg	0.2	0.072	
			1,1-Dichloroethene	ND	mg/Kg	0.2	0.062	
			1,1-Dichloropropene	ND	mg/Kg	0.2	0.058	
			1,2,3-Trichlorobenzene	ND	mg/Kg	1	0.092	
			1,2,3-Trichloropropane	ND	mg/Kg	0.4	0.12	
			1,2,4-Trichlorobenzene	ND	mg/Kg	1	0.088	
			1,2,4-Trimethylbenzene	ND	mg/Kg	0.2	0.076	
			1,2-Dibromo-3-chloropropane	ND	mg/Kg	1	0.14	
			1,2-Dibromoethane	ND	mg/Kg	0.2	0.06	
			1,2-Dichlorobenzene	ND	mg/Kg	0.2	0.086	
			1,2-Dichloroethane	ND	mg/Kg	0.2	0.042	
			1,2-Dichloropropane	ND	mg/Kg	0.2	0.046	
			1,3,5-Trimethylbenzene	ND	mg/Kg	0.2	0.082	
			1,3-Dichlorobenzene	ND	mg/Kg	0.2	0.072	
			1,3-Dichloropropane	ND	mg/Kg	0.2	0.08	
			1,4-Dichlorobenzene	ND	mg/Kg	0.2	0.078	
			2,2-Dichloropropane	ND	mg/Kg	0.2	0.07	
			2-Butanone	ND	mg/Kg	1	0.92	
			2-Chloroethyl vinyl ether	ND	mg/Kg	1	0.088	
			2-Chlorotoluene	ND	mg/Kg	0.2	0.12	
			2-Hexanone	ND	mg/Kg	1	0.78	
			4-Chlorotoluene	ND	mg/Kg	0.2	0.076	
			4-Isopropyltoluene	ND	mg/Kg	0.2	0.078	
			4-Methyl-2-pentanone	ND	mg/Kg	1	0.61	
			Acetone	1.4	mg/Kg	1	0.92	
			Acrolein	ND	mg/Kg	10	1.3	
			Acrylamide	ND	mg/Kg	1	0.15	
			Benzene	ND	mg/Kg	0.2	0.05	
			Bromobenzene	ND	mg/Kg	0.2	0.08	
			Bromochloromethane	ND	mg/Kg	0.2	0.072	
			Bromodichloromethane	ND	mg/Kg	0.2	0.032	
			Bromoethane	ND	mg/Kg	0.4	0.084	
			Bromoform	ND	mg/Kg	0.2	0.062	
			Bromomethane	0.4	mg/Kg	0.2	0.13	VB
			Carbon disulfide	ND	mg/Kg	0.2	0.058	
			Carbon tetrachloride	ND	mg/Kg	0.2	0.046	
			Chlorobenzene	ND	mg/Kg	0.2	0.068	
			Chloroethane	ND	mg/Kg	0.2	0.068	
			Chloroform	ND	mg/Kg	0.2	0.056	
			Chloromethane	ND	mg/Kg	0.2	0.054	
			cis-1,2-Dichloroethene	ND	mg/Kg	0.2	0.056	
			cis-1,3-Dichloropropene	ND	mg/Kg	0.2	0.046	
			Dibromochloromethane	ND	mg/Kg	0.2	0.054	
			Dibromomethane	ND	mg/Kg	0.2	0.054	
			Ethylbenzene	ND	mg/Kg	0.2	0.074	
			Hexachlorobutadiene	ND	mg/Kg	1	0.26	
			Isopropylbenzene	ND	mg/Kg	0.2	0.084	
			m,p-Xylene (sum)	ND	mg/Kg	0.2	0.15	
			Methyl iodide	ND	mg/Kg	0.2	0.088	
			Methylene chloride	ND	mg/Kg	0.6	0.45	VQQ
			Naphthalene	ND	mg/Kg	1	0.14	
			n-Butylbenzene	ND	mg/Kg	0.4	0.086	

Summary of Analytical Results Site 7
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE07SD105	Sediment	SW8260	n-Propylbenzene	ND	mg/Kg	0.2	0.076	
			o-Xylene	ND	mg/Kg	0.2	0.064	
			sec-Butylbenzene	ND	mg/Kg	0.2	0.098	
			Styrene	ND	mg/Kg	0.2	0.056	
			tert-Butylbenzene	ND	mg/Kg	0.2	0.088	
			Tetrachloroethene	ND	mg/Kg	0.2	0.1	
			Toluene	ND	mg/Kg	0.2	0.062	
			trans-1,2-Dichloroethene	ND	mg/Kg	0.2	0.062	
			trans-1,3-Dichloropropene	ND	mg/Kg	0.2	0.044	
			trans-1,4-Dichloro-2-butene	ND	mg/Kg	1	0.076	
			Trichloroethene	ND	mg/Kg	0.2	0.074	
			Trichlorofluoromethane	ND	mg/Kg	0.2	0.078	
			Vinyl acetate	ND	mg/Kg	1	0.14	
			Vinyl chloride	ND	mg/Kg	0.2	0.07	
01NE07SS125	Surface soil	AK102	DRO	150	mg/Kg	25	2.7	
		AK103	RRO	620	mg/Kg	50	50	VJ
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.007	0.0069	
			Acenaphthene	ND	mg/Kg	0.007	0.0047	
			Acenaphthylene	ND	mg/Kg	0.007	0.0046	
			Anthracene	ND	mg/Kg	0.007	0.0046	
			Benzo(a)anthracene	ND	mg/Kg	0.007	0.0038	
			Benzo(a)pyrene	ND	mg/Kg	0.007	0.0033	
			Benzo(b)fluoranthene	ND	mg/Kg	0.007	0.0045	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.007	0.0038	
			Benzo(k)fluoranthene	ND	mg/Kg	0.007	0.0034	
			Chrysene	ND	mg/Kg	0.007	0.0032	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.007	0.0033	
			Dibenzofuran	ND	mg/Kg	0.007	0.0069	
			Fluoranthene	ND	mg/Kg	0.007	0.0035	
			Fluorene	ND	mg/Kg	0.007	0.0052	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.007	0.0048	
			Naphthalene	ND	mg/Kg	0.007	0.0065	
			Phenanthrene	ND	mg/Kg	0.007	0.0045	
			Pyrene	ND	mg/Kg	0.007	0.0039	
		SW6010B	Aluminum	10800	mg/Kg	10	6	
			Antimony	ND	mg/Kg	30	8	
			Arsenic	50	mg/Kg	30	7	
			Barium	63	mg/Kg	2	0.2	
			Beryllium	0.8	mg/Kg	0.6	0.2	
			Cadmium	2	mg/Kg	1	0.5	
			Calcium	2050	mg/Kg	30	0.2	
			Chromium	64	mg/Kg	3	0.7	
			Cobalt	17	mg/Kg	2	0.3	
			Copper	91	mg/Kg	1	1	
			Iron	152000	mg/Kg	10	4	
			Lead	350	mg/Kg	10	4	
			Magnesium	2630	mg/Kg	10	5	
			Manganese	694	mg/Kg	0.6	0.2	
			Nickel	37	mg/Kg	6	2	
			Potassium	900	mg/Kg	280	200	
			Selenium	ND	mg/Kg	30	5	
			Silver	2	mg/Kg	2	0.4	
			Sodium	180	mg/Kg	30	8	
			Thallium	ND	mg/Kg	30	3	
			Vanadium	30	mg/Kg	2	0.9	
			Zinc	175	mg/Kg	3	2	
		SW7471A	Mercury	0.56	mg/Kg	0.04	0.01	

Summary of Analytical Results Site 7
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE07SS125	Surface soil	SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.039	0.0105	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.079	0.0126	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.039	0.00544	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.039	0.00643	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.039	0.00422	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.039	0.0127	
			PCB-1260 (Aroclor 1260)	1.1	mg/Kg	0.039	0.0103	
		SW8260	1,1,1,2-Tetrachloroethane	ND	mg/Kg	0.062	0.025	
			1,1,1-Trichloroethane	ND	mg/Kg	0.062	0.017	
			1,1,2,2-Tetrachloroethane	ND	mg/Kg	0.062	0.041	
			1,1,2-Trichloro-1,2,2-trifluoroeth	ND	mg/Kg	0.062	0.014	
			1,1,2-Trichloroethane	ND	mg/Kg	0.062	0.017	
			1,1-Dichloroethane	ND	mg/Kg	0.062	0.022	
			1,1-Dichloroethene	ND	mg/Kg	0.062	0.019	
			1,1-Dichloropropene	ND	mg/Kg	0.062	0.018	
			1,2,3-Trichlorobenzene	ND	mg/Kg	0.31	0.028	
			1,2,3-Trichloropropane	ND	mg/Kg	0.12	0.036	
			1,2,4-Trichlorobenzene	ND	mg/Kg	0.31	0.027	
			1,2,4-Trimethylbenzene	ND	mg/Kg	0.062	0.023	
			1,2-Dibromo-3-chloropropane	ND	mg/Kg	0.31	0.044	
			1,2-Dibromoethane	ND	mg/Kg	0.062	0.019	
			1,2-Dichlorobenzene	ND	mg/Kg	0.062	0.027	
			1,2-Dichloroethane	ND	mg/Kg	0.062	0.013	
			1,2-Dichloropropane	ND	mg/Kg	0.062	0.014	
			1,3,5-Trimethylbenzene	ND	mg/Kg	0.062	0.025	
			1,3-Dichlorobenzene	ND	mg/Kg	0.062	0.022	
			1,3-Dichloropropane	ND	mg/Kg	0.062	0.025	
			1,4-Dichlorobenzene	ND	mg/Kg	0.062	0.024	
			2,2-Dichloropropane	ND	mg/Kg	0.062	0.022	
			2-Butanone	ND	mg/Kg	0.31	0.29	
			2-Chloroethyl vinyl ether	ND	mg/Kg	0.31	0.027	
			2-Chlorotoluene	ND	mg/Kg	0.062	0.038	
			2-Hexanone	ND	mg/Kg	0.31	0.24	
			4-Chlorotoluene	ND	mg/Kg	0.062	0.023	
			4-Isopropyltoluene	ND	mg/Kg	0.062	0.024	
			4-Methyl-2-pentanone	ND	mg/Kg	0.31	0.19	
			Acetone	ND	mg/Kg	0.31	0.29	
			Acrolein	ND	mg/Kg	3.1	0.39	
			Acrylamide	ND	mg/Kg	0.31	0.045	
			Benzene	ND	mg/Kg	0.062	0.015	
			Bromobenzene	ND	mg/Kg	0.062	0.025	
			Bromochloromethane	ND	mg/Kg	0.062	0.022	
			Bromodichloromethane	ND	mg/Kg	0.062	0.0099	
			Bromoethane	ND	mg/Kg	0.12	0.026	
			Bromoform	ND	mg/Kg	0.062	0.019	
			Bromomethane	0.098	mg/Kg	0.062	0.04	VB
			Carbon disulfide	ND	mg/Kg	0.062	0.018	
			Carbon tetrachloride	ND	mg/Kg	0.062	0.014	
			Chlorobenzene	ND	mg/Kg	0.062	0.021	
			Chloroethane	ND	mg/Kg	0.062	0.021	
			Chloroform	ND	mg/Kg	0.062	0.017	
			Chloromethane	ND	mg/Kg	0.062	0.017	
			cis-1,2-Dichloroethene	ND	mg/Kg	0.062	0.017	
			cis-1,3-Dichloropropene	ND	mg/Kg	0.062	0.014	
			Dibromochloromethane	ND	mg/Kg	0.062	0.017	
			Dibromomethane	ND	mg/Kg	0.062	0.017	
			Ethylbenzene	ND	mg/Kg	0.062	0.023	

Summary of Analytical Results Site 7
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE07SS125	Surface soil	SW8260	Hexachlorobutadiene	ND	mg/Kg	0.31	0.082	
			Isopropylbenzene	ND	mg/Kg	0.062	0.026	
			m,p-Xylene (sum)	ND	mg/Kg	0.062	0.046	
			Methyl iodide	ND	mg/Kg	0.062	0.027	
			Methylene chloride	ND	mg/Kg	0.19	0.14	VQQ
			Naphthalene	ND	mg/Kg	0.31	0.044	
			n-Butylbenzene	ND	mg/Kg	0.12	0.027	
			n-Propylbenzene	ND	mg/Kg	0.062	0.023	
			o-Xylene	ND	mg/Kg	0.062	0.02	
			sec-Butylbenzene	ND	mg/Kg	0.062	0.03	
			Styrene	ND	mg/Kg	0.062	0.017	
			tert-Butylbenzene	ND	mg/Kg	0.062	0.027	
			Tetrachloroethene	ND	mg/Kg	0.062	0.031	
			Toluene	ND	mg/Kg	0.062	0.019	
			trans-1,2-Dichloroethene	ND	mg/Kg	0.062	0.019	
			trans-1,3-Dichloropropene	ND	mg/Kg	0.062	0.014	
			trans-1,4-Dichloro-2-butene	ND	mg/Kg	0.31	0.023	
			Trichloroethene	ND	mg/Kg	0.062	0.023	
			Trichlorofluoromethane	ND	mg/Kg	0.062	0.024	
			Vinyl acetate	ND	mg/Kg	0.31	0.042	
			Vinyl chloride	ND	mg/Kg	0.062	0.022	
01NE07SS126	Surface soil	SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.013	0.013	
			Acenaphthene	ND	mg/Kg	0.013	0.0086	
			Acenaphthylene	ND	mg/Kg	0.013	0.0084	
			Anthracene	ND	mg/Kg	0.013	0.0084	
			Benzo(a)anthracene	ND	mg/Kg	0.013	0.0071	
			Benzo(a)pyrene	ND	mg/Kg	0.013	0.0061	
			Benzo(b)fluoranthene	ND	mg/Kg	0.013	0.0082	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.013	0.0071	
			Benzo(k)fluoranthene	ND	mg/Kg	0.013	0.0063	
			Chrysene	ND	mg/Kg	0.013	0.0059	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.013	0.0061	
			Dibenzofuran	ND	mg/Kg	0.013	0.013	
			Fluoranthene	ND	mg/Kg	0.013	0.0065	
			Fluorene	ND	mg/Kg	0.013	0.0095	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.013	0.0088	
			Naphthalene	ND	mg/Kg	0.013	0.012	
			Phenanthrene	ND	mg/Kg	0.013	0.0082	
			Pyrene	ND	mg/Kg	0.013	0.0072	
		AK102	DRO	160	mg/Kg	27	4.8	
		AK103	RRO	740	mg/Kg	54	54	VJ
		E200.8	Arsenic	17.3	mg/Kg	0.4	0.08	
		SW6010B	Aluminum	11700	mg/Kg	10	6	
			Antimony	ND	mg/Kg	30	7	
			Barium	78	mg/Kg	2	0.2	
			Beryllium	0.9	mg/Kg	0.5	0.2	
			Cadmium	3	mg/Kg	1	0.4	
			Calcium	5070	mg/Kg	30	0.2	
			Chromium	75	mg/Kg	3	0.7	
			Cobalt	19	mg/Kg	2	0.3	
			Copper	97	mg/Kg	1	1	
			Iron	112000	mg/Kg	10	3	
			Lead	460	mg/Kg	10	3	
			Magnesium	2900	mg/Kg	10	4	
			Manganese	520	mg/Kg	0.5	0.2	
			Nickel	43	mg/Kg	5	2	
			Potassium	1010	mg/Kg	260	200	

Summary of Analytical Results Site 7
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE07SS126	Surface soil	SW6010B	Selenium	ND	mg/Kg	30	5	
			Silver	2	mg/Kg	2	0.4	
			Sodium	180	mg/Kg	30	7	
			Thallium	ND	mg/Kg	30	3	
			Vanadium	31	mg/Kg	2	0.9	
			Zinc	444	mg/Kg	3	1	
		SW7471A	Mercury	0.3	mg/Kg	0.1	0.03	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.071	0.0191	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.14	0.0229	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.071	0.00986	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.071	0.0116	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.071	0.00764	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.071	0.0231	
			PCB-1260 (Aroclor 1260)	0.13	mg/Kg	0.071	0.0187	
		SW8260	1,1,1,2-Tetrachloroethane	ND	mg/Kg	0.11	0.043	
			1,1,1-Trichloroethane	ND	mg/Kg	0.11	0.029	
			1,1,2,2-Tetrachloroethane	ND	mg/Kg	0.11	0.071	
			1,1,2-Trichloro-1,2,2-trifluoroeth	ND	mg/Kg	0.11	0.025	
			1,1,2-Trichloroethane	ND	mg/Kg	0.11	0.03	
			1,1-Dichloroethane	ND	mg/Kg	0.11	0.039	
			1,1-Dichloroethene	ND	mg/Kg	0.11	0.033	
			1,1-Dichloropropene	ND	mg/Kg	0.11	0.031	
			1,2,3-Trichlorobenzene	ND	mg/Kg	0.54	0.049	
			1,2,3-Trichloropropane	ND	mg/Kg	0.22	0.062	
			1,2,4-Trichlorobenzene	ND	mg/Kg	0.54	0.047	
			1,2,4-Trimethylbenzene	ND	mg/Kg	0.11	0.041	
			1,2-Dibromo-3-chloropropane	ND	mg/Kg	0.54	0.077	
			1,2-Dibromoethane	ND	mg/Kg	0.11	0.032	
			1,2-Dichlorobenzene	ND	mg/Kg	0.11	0.046	
			1,2-Dichloroethane	ND	mg/Kg	0.11	0.023	
			1,2-Dichloropropane	ND	mg/Kg	0.11	0.025	
			1,3,5-Trimethylbenzene	ND	mg/Kg	0.11	0.044	
			1,3-Dichlorobenzene	ND	mg/Kg	0.11	0.039	
			1,3-Dichloropropane	ND	mg/Kg	0.11	0.043	
			1,4-Dichlorobenzene	ND	mg/Kg	0.11	0.042	
			2,2-Dichloropropane	ND	mg/Kg	0.11	0.038	
			2-Butanone	ND	mg/Kg	0.54	0.5	
			2-Chloroethyl vinyl ether	ND	mg/Kg	0.54	0.047	
			2-Chlorotoluene	ND	mg/Kg	0.11	0.067	
			2-Hexanone	ND	mg/Kg	0.54	0.42	
			4-Chlorotoluene	ND	mg/Kg	0.11	0.041	
			4-Isopropyltoluene	ND	mg/Kg	0.11	0.042	
			4-Methyl-2-pentanone	ND	mg/Kg	0.54	0.33	
			Acetone	0.84	mg/Kg	0.54	0.5	
			Acrolein	ND	mg/Kg	5.4	0.68	
			Acrylamide	ND	mg/Kg	0.54	0.078	
			Benzene	ND	mg/Kg	0.11	0.027	
			Bromobenzene	ND	mg/Kg	0.11	0.043	
			Bromochloromethane	ND	mg/Kg	0.11	0.039	
			Bromodichloromethane	ND	mg/Kg	0.11	0.017	
			Bromoethane	ND	mg/Kg	0.22	0.045	
			Bromoform	ND	mg/Kg	0.11	0.033	
			Bromomethane	0.2	mg/Kg	0.11	0.07	VB
			Carbon disulfide	ND	mg/Kg	0.11	0.031	
			Carbon tetrachloride	ND	mg/Kg	0.11	0.025	
			Chlorobenzene	ND	mg/Kg	0.11	0.037	
			Chloroethane	ND	mg/Kg	0.11	0.037	

Summary of Analytical Results Site 7
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE07SS126	Surface soil	SW8260	Chloroform	ND	mg/Kg	0.11	0.03	
			Chloromethane	ND	mg/Kg	0.11	0.029	
			cis-1,2-Dichloroethene	ND	mg/Kg	0.11	0.03	
			cis-1,3-Dichloropropene	ND	mg/Kg	0.11	0.025	
			Dibromochloromethane	ND	mg/Kg	0.11	0.029	
			Dibromomethane	ND	mg/Kg	0.11	0.029	
			Ethylbenzene	ND	mg/Kg	0.11	0.04	
			Hexachlorobutadiene	ND	mg/Kg	0.54	0.14	
			Isopropylbenzene	ND	mg/Kg	0.11	0.045	
			m,p-Xylene (sum)	0.13	mg/Kg	0.11	0.08	
			Methyl iodide	ND	mg/Kg	0.11	0.047	
			Methylene chloride	ND	mg/Kg	0.32	0.24	VR
			Naphthalene	ND	mg/Kg	0.54	0.077	
			n-Butylbenzene	ND	mg/Kg	0.22	0.046	
			n-Propylbenzene	ND	mg/Kg	0.11	0.041	
			o-Xylene	ND	mg/Kg	0.11	0.034	
			sec-Butylbenzene	ND	mg/Kg	0.11	0.053	
			Styrene	ND	mg/Kg	0.11	0.03	
			tert-Butylbenzene	ND	mg/Kg	0.11	0.047	
			Tetrachloroethene	ND	mg/Kg	0.11	0.055	
			Toluene	0.14	mg/Kg	0.11	0.033	
			trans-1,2-Dichloroethene	ND	mg/Kg	0.11	0.033	
			trans-1,3-Dichloropropene	ND	mg/Kg	0.11	0.024	
			trans-1,4-Dichloro-2-butene	ND	mg/Kg	0.54	0.041	
			Trichloroethene	ND	mg/Kg	0.11	0.04	
			Trichlorofluoromethane	ND	mg/Kg	0.11	0.042	
			Vinyl acetate	ND	mg/Kg	0.54	0.073	
			Vinyl chloride	ND	mg/Kg	0.11	0.038	
01NE07SS127	Surface soil	AK102	DRO	720	mg/Kg	100	12	
		AK103	RRO	3600	mg/Kg	200	200	VJ
		SW8270 SIM	2-Methylnaphthalene	0.047	mg/Kg	0.008	0.0079	
			Acenaphthene	ND	mg/Kg	0.008	0.0053	
			Acenaphthylene	ND	mg/Kg	0.008	0.0052	
			Anthracene	ND	mg/Kg	0.008	0.0052	
			Benzo(a)anthracene	ND	mg/Kg	0.008	0.0044	
			Benzo(a)pyrene	0.082	mg/Kg	0.008	0.0038	
			Benzo(b)fluoranthene	ND	mg/Kg	0.008	0.0051	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.008	0.0044	
			Benzo(k)fluoranthene	ND	mg/Kg	0.008	0.0039	
			Chrysene	0.013	mg/Kg	0.008	0.0037	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.008	0.0038	
			Dibenzofuran	ND	mg/Kg	0.008	0.0079	
			Fluoranthene	ND	mg/Kg	0.008	0.004	
			Fluorene	ND	mg/Kg	0.008	0.0059	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.008	0.0054	
			Naphthalene	0.027	mg/Kg	0.008	0.0074	
			Phenanthrene	0.014	mg/Kg	0.008	0.0051	
			Pyrene	0.013	mg/Kg	0.008	0.0045	
		SW6010B	Aluminum	11300	mg/Kg	7	4	
			Antimony	ND	mg/Kg	20	5	
			Arsenic	30	mg/Kg	20	4	
			Barium	135	mg/Kg	1	0.1	
			Beryllium	0.9	mg/Kg	0.3	0.1	
			Cadmium	1.3	mg/Kg	0.7	0.3	
			Calcium	2860	mg/Kg	20	0.1	
			Chromium	65	mg/Kg	2	0.4	
			Cobalt	17	mg/Kg	1	0.2	

Summary of Analytical Results Site 7
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE07SS127	Surface soil	SW6010B	Copper	120	mg/Kg	0.7	0.7	
			Iron	129000	mg/Kg	7	2	
			Lead	419	mg/Kg	7	2	
			Magnesium	3180	mg/Kg	7	3	
			Manganese	559	mg/Kg	0.3	0.1	
			Nickel	57	mg/Kg	3	1	
			Potassium	1080	mg/Kg	170	100	
			Selenium	ND	mg/Kg	20	3	
			Silver	ND	mg/Kg	1	0.2	
			Sodium	210	mg/Kg	20	5	
			Thallium	ND	mg/Kg	20	2	
			Vanadium	29	mg/Kg	1	0.6	
			Zinc	294	mg/Kg	2	1	
		SW7471A	Mercury	0.47	mg/Kg	0.05	0.02	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.044	0.0118	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.088	0.0141	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.044	0.00608	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.044	0.00718	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.044	0.00471	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.044	0.0142	
			PCB-1260 (Aroclor 1260)	13	mg/Kg	0.88	0.231	
		SW8260	1,1,1,2-Tetrachloroethane	ND	mg/Kg	0.075	0.03	
			1,1,1-Trichloroethane	0.14	mg/Kg	0.075	0.02	
			1,1,2,2-Tetrachloroethane	ND	mg/Kg	0.075	0.049	
			1,1,2-Trichloro-1,2,2-trifluoroeth	ND	mg/Kg	0.075	0.017	
			1,1,2-Trichloroethane	ND	mg/Kg	0.075	0.021	
			1,1-Dichloroethane	ND	mg/Kg	0.075	0.027	
			1,1-Dichloroethene	ND	mg/Kg	0.075	0.023	
			1,1-Dichloropropene	ND	mg/Kg	0.075	0.022	
			1,2,3-Trichlorobenzene	ND	mg/Kg	0.37	0.034	
			1,2,3-Trichloropropane	ND	mg/Kg	0.15	0.043	
			1,2,4-Trichlorobenzene	ND	mg/Kg	0.37	0.033	
			1,2,4-Trimethylbenzene	ND	mg/Kg	0.075	0.028	
			1,2-Dibromo-3-chloropropane	ND	mg/Kg	0.37	0.054	
			1,2-Dibromoethane	ND	mg/Kg	0.075	0.022	
			1,2-Dichlorobenzene	ND	mg/Kg	0.075	0.032	
			1,2-Dichloroethane	ND	mg/Kg	0.075	0.016	
			1,2-Dichloropropane	ND	mg/Kg	0.075	0.017	
			1,3,5-Trimethylbenzene	ND	mg/Kg	0.075	0.031	
			1,3-Dichlorobenzene	ND	mg/Kg	0.075	0.027	
			1,3-Dichloropropane	ND	mg/Kg	0.075	0.03	
			1,4-Dichlorobenzene	ND	mg/Kg	0.075	0.029	
			2,2-Dichloropropane	ND	mg/Kg	0.075	0.026	
			2-Butanone	ND	mg/Kg	0.37	0.35	
			2-Chloroethyl vinyl ether	ND	mg/Kg	0.37	0.033	
			2-Chlorotoluene	ND	mg/Kg	0.075	0.046	
			2-Hexanone	ND	mg/Kg	0.37	0.29	
			4-Chlorotoluene	ND	mg/Kg	0.075	0.028	
			4-Isopropyltoluene	ND	mg/Kg	0.075	0.029	
			4-Methyl-2-pentanone	ND	mg/Kg	0.37	0.23	
			Acetone	ND	mg/Kg	0.37	0.35	
			Acrolein	ND	mg/Kg	3.7	0.47	
			Acrylamide	ND	mg/Kg	0.37	0.054	
			Benzene	ND	mg/Kg	0.075	0.019	
			Bromobenzene	ND	mg/Kg	0.075	0.03	
			Bromochloromethane	ND	mg/Kg	0.075	0.027	
			Bromodichloromethane	ND	mg/Kg	0.075	0.012	

Summary of Analytical Results Site 7
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE07SS127	Surface soil	SW8260	Bromoethane	ND	mg/Kg	0.15	0.031	
			Bromoform	ND	mg/Kg	0.075	0.023	
			Bromomethane	0.17	mg/Kg	0.075	0.049	VB
			Carbon disulfide	ND	mg/Kg	0.075	0.022	
			Carbon tetrachloride	ND	mg/Kg	0.075	0.017	
			Chlorobenzene	ND	mg/Kg	0.075	0.025	
			Chloroethane	ND	mg/Kg	0.075	0.025	
			Chloroform	ND	mg/Kg	0.075	0.021	
			Chloromethane	ND	mg/Kg	0.075	0.02	
			cis-1,2-Dichloroethene	ND	mg/Kg	0.075	0.021	
			cis-1,3-Dichloropropene	ND	mg/Kg	0.075	0.017	
			Dibromochloromethane	ND	mg/Kg	0.075	0.02	
			Dibromomethane	ND	mg/Kg	0.075	0.02	
			Ethylbenzene	ND	mg/Kg	0.075	0.028	
			Hexachlorobutadiene	ND	mg/Kg	0.37	0.099	
			Isopropylbenzene	ND	mg/Kg	0.075	0.031	
			m,p-Xylene (sum)	ND	mg/Kg	0.075	0.055	
			Methyl iodide	ND	mg/Kg	0.075	0.033	
			Methylene chloride	ND	mg/Kg	0.22	0.17	VQQ
			Naphthalene	ND	mg/Kg	0.37	0.054	
			n-Butylbenzene	ND	mg/Kg	0.15	0.032	
			n-Propylbenzene	ND	mg/Kg	0.075	0.028	
			o-Xylene	ND	mg/Kg	0.075	0.024	
			sec-Butylbenzene	ND	mg/Kg	0.075	0.037	
			Styrene	ND	mg/Kg	0.075	0.021	
			tert-Butylbenzene	ND	mg/Kg	0.075	0.033	
			Tetrachloroethene	ND	mg/Kg	0.075	0.038	
			Toluene	ND	mg/Kg	0.075	0.023	
			trans-1,2-Dichloroethene	ND	mg/Kg	0.075	0.023	
			trans-1,3-Dichloropropene	ND	mg/Kg	0.075	0.016	
			trans-1,4-Dichloro-2-butene	ND	mg/Kg	0.37	0.028	
			Trichloroethene	ND	mg/Kg	0.075	0.028	
			Trichlorofluoromethane	ND	mg/Kg	0.075	0.029	
			Vinyl acetate	ND	mg/Kg	0.37	0.051	
			Vinyl chloride	ND	mg/Kg	0.075	0.026	
01NE07SW104	Surface Water	SW8270 SIM	2-Methylnaphthalene	ND	mg/L	5E-05	0.00005	
			Acenaphthene	ND	mg/L	5E-05	0.00004	
			Acenaphthylene	ND	mg/L	5E-05	0.00005	
			Anthracene	ND	mg/L	5E-05	0.00002	
			Benzo(a)anthracene	ND	mg/L	5E-05	0.00002	
			Benzo(a)pyrene	ND	mg/L	5E-05	0.00001	
			Benzo(b)fluoranthene	ND	mg/L	5E-05	0.00002	
			Benzo(g,h,i)perylene	ND	mg/L	5E-05	0.00004	
			Benzo(k)fluoranthene	ND	mg/L	5E-05	0.00002	
			Chrysene	ND	mg/L	5E-05	0.00001	
			Dibenzo(a,h)anthracene	ND	mg/L	5E-05	0.00005	
			Dibenzofuran	ND	mg/L	5E-05	0.00005	
			Fluoranthene	ND	mg/L	5E-05	0.00005	
			Fluorene	ND	mg/L	5E-05	0.00005	
			Indeno(1,2,3-cd)pyrene	ND	mg/L	5E-05	0.00004	
			Naphthalene	ND	mg/L	5E-05	0.00005	
			Phenanthrene	ND	mg/L	5E-05	0.00004	
			Pyrene	ND	mg/L	5E-05	0.00005	
		AK102	DRO	ND	mg/L	0.25	0.02	
		AK103	RRO	ND	mg/L	0.5	0.5	VQQ
		SW6010B	Aluminum	0.32	mg/L	0.02	0.012	
			Antimony	ND	mg/L	0.05	0.014	

Summary of Analytical Results Site 7
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE07SW104	Surface Water	SW6010B	Barium	0.008	mg/L	0.003	0.0004	
			Beryllium	ND	mg/L	0.001	0.0003	
			Cadmium	ND	mg/L	0.002	0.00084	
			Calcium	3.32	mg/L	0.05	0.0003	
			Chromium	ND	mg/L	0.005	0.0013	
			Cobalt	ND	mg/L	0.003	0.0006	
			Copper	0.003	mg/L	0.002	0.002	
			Iron	1.16	mg/L	0.02	0.0063	
			Magnesium	1.28	mg/L	0.02	0.0084	
			Manganese	0.007	mg/L	0.001	0.0003	
			Nickel	ND	mg/L	0.01	0.0034	
			Potassium	0.81	mg/L	0.5	0.38	
			Silver	ND	mg/L	0.003	0.0007	
			Sodium	6.29	mg/L	0.05	0.015	
			Vanadium	ND	mg/L	0.003	0.0017	
			Zinc	0.02	mg/L	0.006	0.0029	
		SW7060A	Arsenic	ND	mg/L	0.001	0.00054	
		SW7421	Lead	0.004	mg/L	0.001	0.00086	
		SW7470A	Mercury	ND	mg/L	1E-04	0.00003	
		SW7740	Selenium	ND	mg/L	0.002	0.00083	
		SW7841	Thallium	ND	mg/L	0.001	0.00081	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/L	0.001	0.00027	
			PCB-1221 (Aroclor 1221)	ND	mg/L	0.002	0.00025	
			PCB-1232 (Aroclor 1232)	ND	mg/L	0.001	0.00026	
			PCB-1242 (Aroclor 1242)	ND	mg/L	0.001	0.00021	
			PCB-1248 (Aroclor 1248)	ND	mg/L	0.001	0.00025	
			PCB-1254 (Aroclor 1254)	ND	mg/L	0.001	0.0003	
			PCB-1260 (Aroclor 1260)	ND	mg/L	0.001	0.00032	
		AK101	GRO	ND	mg/L	0.25	0.1	
		SW8260	1,1,1,2-Tetrachloroethane	ND	mg/L	0.001	0.00026	
			1,1,1-Trichloroethane	ND	mg/L	0.001	0.0004	
			1,1,2,2-Tetrachloroethane	ND	mg/L	0.001	0.00032	
			1,1,2-Trichloro-1,2,2-trifluoroeth	ND	mg/L	0.002	0.0003	
			1,1,2-Trichloroethane	ND	mg/L	0.001	0.00039	
			1,1-Dichloroethane	ND	mg/L	0.001	0.00049	
			1,1-Dichloroethene	ND	mg/L	0.001	0.00049	
			1,1-Dichloropropene	ND	mg/L	0.001	0.00028	
			1,2,3-Trichlorobenzene	ND	mg/L	0.005	0.00035	
			1,2,3-Trichloropropane	ND	mg/L	0.003	0.00092	
			1,2,4-Trichlorobenzene	ND	mg/L	0.005	0.00049	
			1,2,4-Trimethylbenzene	ND	mg/L	0.001	0.00034	
			1,2-Dibromo-3-chloropropane	ND	mg/L	0.005	0.00097	
			1,2-Dibromoethane	ND	mg/L	0.001	0.00033	
			1,2-Dichlorobenzene	ND	mg/L	0.001	0.00038	
			1,2-Dichloroethane	ND	mg/L	0.001	0.00037	
			1,2-Dichloropropane	ND	mg/L	0.001	0.00042	
			1,3,5-Trimethylbenzene	ND	mg/L	0.001	0.00043	
			1,3-Dichlorobenzene	ND	mg/L	0.001	0.00044	
			1,3-Dichloropropane	ND	mg/L	0.001	0.00024	
			1,4-Dichlorobenzene	ND	mg/L	0.001	0.0004	
			2,2-Dichloropropane	ND	mg/L	0.001	0.00037	
			2-Butanone	ND	mg/L	0.005	0.00283	
			2-Chloroethyl vinyl ether	ND	mg/L	0.005	0.00019	
			2-Chlorotoluene	ND	mg/L	0.001	0.00046	
			2-Hexanone	ND	mg/L	0.005	0.00113	
			4-Chlorotoluene	ND	mg/L	0.001	0.00059	
			4-Isopropyltoluene	ND	mg/L	0.001	0.00026	

Summary of Analytical Results Site 7
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE07SW104	Surface Water	SW8260	4-Methyl-2-pentanone	ND	mg/L	0.005	0.00138	
			Acetone	ND	mg/L	0.005	0.00304	
			Acrolein	ND	mg/L	0.05	0.00414	
			Acrylamide	ND	mg/L	0.001	0.00078	
			Benzene	ND	mg/L	0.001	0.00043	
			Bromobenzene	ND	mg/L	0.001	0.00058	
			Bromochloromethane	ND	mg/L	0.001	0.00058	
			Bromodichloromethane	ND	mg/L	0.001	0.00034	
			Bromoethane	ND	mg/L	0.002	0.00064	
			Bromoform	ND	mg/L	0.001	0.00031	
			Bromomethane	ND	mg/L	0.001	0.00058	
			Carbon disulfide	ND	mg/L	0.001	0.00036	
			Carbon tetrachloride	ND	mg/L	0.001	0.00045	
			Chlorobenzene	ND	mg/L	0.001	0.00036	
			Chloroethane	ND	mg/L	0.001	0.00051	
			Chloroform	ND	mg/L	0.001	0.00053	
			Chloromethane	ND	mg/L	0.001	0.00056	
			cis-1,2-Dichloroethene	ND	mg/L	0.001	0.00039	
			cis-1,3-Dichloropropene	ND	mg/L	0.001	0.00027	
			Dibromochloromethane	ND	mg/L	0.001	0.00024	
			Dibromomethane	ND	mg/L	0.001	0.00053	
			Ethylbenzene	ND	mg/L	0.001	0.00035	
			Hexachlorobutadiene	ND	mg/L	0.005	0.00058	
			Isopropylbenzene	ND	mg/L	0.001	0.00037	
			m,p-Xylene (sum)	ND	mg/L	0.001	0.00061	
			Methyl iodide	ND	mg/L	0.001	0.00061	
			Methylene chloride	ND	mg/L	0.002	0.00069	
			Naphthalene	ND	mg/L	0.005	0.00028	
			n-Butylbenzene	ND	mg/L	0.001	0.00026	
			n-Propylbenzene	ND	mg/L	0.001	0.00043	
			o-Xylene	ND	mg/L	0.001	0.00035	
			sec-Butylbenzene	ND	mg/L	0.001	0.00025	
			Styrene	ND	mg/L	0.001	0.00028	
			tert-Butylbenzene	ND	mg/L	0.001	0.00035	
			Tetrachloroethene	ND	mg/L	0.001	0.00031	
			Toluene	ND	mg/L	0.001	0.00042	
			trans-1,2-Dichloroethene	ND	mg/L	0.001	0.00054	
			trans-1,3-Dichloropropene	ND	mg/L	0.001	0.00026	
			trans-1,4-Dichloro-2-butene	ND	mg/L	0.005	0.0003	
			Trichloroethene	ND	mg/L	0.001	0.00042	
			Trichlorofluoromethane	ND	mg/L	0.001	0.00029	
			Vinyl acetate	ND	mg/L	0.005	0.0004	
			Vinyl chloride	ND	mg/L	0.001	0.0004	
		AK101	GRO	ND	mg/L	0.25	0.1	
		AK102	DRO	ND	mg/L	0.25	0.02	
		AK103	RRO	ND	mg/L	0.5	0.5	VQQ
01NE07SW105	Surface Water	SW8270 SIM	2-Methylnaphthalene	ND	mg/L	5E-05	0.00005	
			Acenaphthene	ND	mg/L	5E-05	0.00004	
			Acenaphthylene	ND	mg/L	5E-05	0.00005	
			Anthracene	ND	mg/L	5E-05	0.00002	
			Benzo(a)anthracene	ND	mg/L	5E-05	0.00002	
			Benzo(a)pyrene	ND	mg/L	5E-05	0.00001	
			Benzo(b)fluoranthene	ND	mg/L	5E-05	0.00002	
			Benzo(g,h,i)perylene	ND	mg/L	5E-05	0.00004	
			Benzo(k)fluoranthene	ND	mg/L	5E-05	0.00002	
			Chrysene	ND	mg/L	5E-05	0.00001	
			Dibenzo(a,h)anthracene	ND	mg/L	5E-05	0.00005	

Summary of Analytical Results Site 7
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE07SW105	Surface Water	SW8270 SIM	Dibenzofuran	ND	mg/L	5E-05	0.00005	
			Fluoranthene	ND	mg/L	5E-05	0.00005	
			Fluorene	ND	mg/L	5E-05	0.00005	
			Indeno(1,2,3-cd)pyrene	ND	mg/L	5E-05	0.00004	
			Naphthalene	ND	mg/L	5E-05	0.00005	
			Phenanthrene	ND	mg/L	5E-05	0.00004	
			Pyrene	ND	mg/L	5E-05	0.00005	
		SW6010B	Aluminum	0.24	mg/L	0.02	0.012	
			Antimony	ND	mg/L	0.05	0.014	
			Barium	0.012	mg/L	0.003	0.0004	
			Beryllium	ND	mg/L	0.001	0.0003	
			Cadmium	ND	mg/L	0.002	0.00084	
			Calcium	4.99	mg/L	0.05	0.0003	
			Chromium	ND	mg/L	0.005	0.0013	
			Cobalt	ND	mg/L	0.003	0.0006	
			Copper	0.002	mg/L	0.002	0.002	
			Iron	3.66	mg/L	0.02	0.0063	
			Magnesium	1.44	mg/L	0.02	0.0084	
			Manganese	0.096	mg/L	0.001	0.0003	
			Nickel	ND	mg/L	0.01	0.0034	
			Potassium	ND	mg/L	0.5	0.38	
			Silver	ND	mg/L	0.003	0.0007	
			Sodium	4.72	mg/L	0.05	0.015	
			Vanadium	ND	mg/L	0.003	0.0017	
			Zinc	0.019	mg/L	0.006	0.0029	
		SW7060A	Arsenic	ND	mg/L	0.001	0.00054	
		SW7421	Lead	0.002	mg/L	0.001	0.00086	
		SW7470A	Mercury	ND	mg/L	1E-04	0.00003	
		SW7740	Selenium	ND	mg/L	0.002	0.00083	
		SW7841	Thallium	ND	mg/L	0.001	0.00081	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/L	0.001	0.00027	
			PCB-1221 (Aroclor 1221)	ND	mg/L	0.002	0.00025	
			PCB-1232 (Aroclor 1232)	ND	mg/L	0.001	0.00026	
			PCB-1242 (Aroclor 1242)	ND	mg/L	0.001	0.00021	
			PCB-1248 (Aroclor 1248)	ND	mg/L	0.001	0.00025	
			PCB-1254 (Aroclor 1254)	ND	mg/L	0.001	0.0003	
			PCB-1260 (Aroclor 1260)	ND	mg/L	0.001	0.00032	
		SW8260	1,1,1,2-Tetrachloroethane	ND	mg/L	0.001	0.00026	
			1,1,1-Trichloroethane	ND	mg/L	0.001	0.0004	
			1,1,2,2-Tetrachloroethane	ND	mg/L	0.001	0.00032	
			1,1,2-Trichloro-1,2,2-trifluoroeth	ND	mg/L	0.002	0.0003	
			1,1,2-Trichloroethane	ND	mg/L	0.001	0.00039	
			1,1-Dichloroethane	ND	mg/L	0.001	0.00049	
			1,1-Dichloroethene	ND	mg/L	0.001	0.00049	
			1,1-Dichloropropene	ND	mg/L	0.001	0.00028	
			1,2,3-Trichlorobenzene	ND	mg/L	0.005	0.00035	
			1,2,3-Trichloropropane	ND	mg/L	0.003	0.00092	
			1,2,4-Trichlorobenzene	ND	mg/L	0.005	0.00049	
			1,2,4-Trimethylbenzene	ND	mg/L	0.001	0.00034	
			1,2-Dibromo-3-chloropropane	ND	mg/L	0.005	0.00097	
			1,2-Dibromoethane	ND	mg/L	0.001	0.00033	
			1,2-Dichlorobenzene	ND	mg/L	0.001	0.00038	
			1,2-Dichloroethane	ND	mg/L	0.001	0.00037	
			1,2-Dichloropropane	ND	mg/L	0.001	0.00042	
			1,3,5-Trimethylbenzene	ND	mg/L	0.001	0.00043	
			1,3-Dichlorobenzene	ND	mg/L	0.001	0.00044	
			1,3-Dichloropropane	ND	mg/L	0.001	0.00024	

Summary of Analytical Results Site 7
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE07SW105	Surface Water	SW8260	1,4-Dichlorobenzene	ND	mg/L	0.001	0.0004	
			2,2-Dichloropropane	ND	mg/L	0.001	0.00037	
			2-Butanone	ND	mg/L	0.005	0.00283	
			2-Chloroethyl vinyl ether	ND	mg/L	0.005	0.00019	
			2-Chlorotoluene	ND	mg/L	0.001	0.00046	
			2-Hexanone	ND	mg/L	0.005	0.00113	
			4-Chlorotoluene	ND	mg/L	0.001	0.00059	
			4-Isopropyltoluene	ND	mg/L	0.001	0.00026	
			4-Methyl-2-pentanone	ND	mg/L	0.005	0.00138	
			Acetone	ND	mg/L	0.005	0.00304	
			Acrolein	ND	mg/L	0.05	0.00414	
			Acrylamide	ND	mg/L	0.001	0.00078	
			Benzene	ND	mg/L	0.001	0.00043	
			Bromobenzene	ND	mg/L	0.001	0.00058	
			Bromochloromethane	ND	mg/L	0.001	0.00058	
			Bromodichloromethane	ND	mg/L	0.001	0.00034	
			Bromoethane	ND	mg/L	0.002	0.00064	
			Bromoform	ND	mg/L	0.001	0.00031	
			Bromomethane	ND	mg/L	0.001	0.00058	
			Carbon disulfide	ND	mg/L	0.001	0.00036	
			Carbon tetrachloride	ND	mg/L	0.001	0.00045	
			Chlorobenzene	ND	mg/L	0.001	0.00036	
			Chloroethane	ND	mg/L	0.001	0.00051	
			Chloroform	ND	mg/L	0.001	0.00053	
			Chloromethane	ND	mg/L	0.001	0.00056	
			cis-1,2-Dichloroethene	ND	mg/L	0.001	0.00039	
			cis-1,3-Dichloropropene	ND	mg/L	0.001	0.00027	
			Dibromochloromethane	ND	mg/L	0.001	0.00024	
			Dibromomethane	ND	mg/L	0.001	0.00053	
			Ethylbenzene	ND	mg/L	0.001	0.00035	
			Hexachlorobutadiene	ND	mg/L	0.005	0.00058	
			Isopropylbenzene	ND	mg/L	0.001	0.00037	
			m,p-Xylene (sum)	ND	mg/L	0.001	0.00061	
			Methyl iodide	ND	mg/L	0.001	0.00061	
			Methylene chloride	ND	mg/L	0.002	0.00069	
			Naphthalene	ND	mg/L	0.005	0.00028	
			n-Butylbenzene	ND	mg/L	0.001	0.00026	
			n-Propylbenzene	ND	mg/L	0.001	0.00043	
			o-Xylene	ND	mg/L	0.001	0.00035	
			sec-Butylbenzene	ND	mg/L	0.001	0.00025	
			Styrene	ND	mg/L	0.001	0.00028	
			tert-Butylbenzene	ND	mg/L	0.001	0.00035	
			Tetrachloroethene	ND	mg/L	0.001	0.00031	
			Toluene	ND	mg/L	0.001	0.00042	
			trans-1,2-Dichloroethene	ND	mg/L	0.001	0.00054	
			trans-1,3-Dichloropropene	ND	mg/L	0.001	0.00026	
			trans-1,4-Dichloro-2-butene	ND	mg/L	0.005	0.0003	
			Trichloroethene	ND	mg/L	0.001	0.00042	
			Trichlorofluoromethane	ND	mg/L	0.001	0.00029	
			Vinyl acetate	ND	mg/L	0.005	0.0004	
			Vinyl chloride	ND	mg/L	0.001	0.0004	
01NE07WP101	Ground Water	AK101	GRO	ND	mg/L	0.25	0.1	
		AK102	DRO	0.66	mg/L	0.25	0.02	
		AK103	RRO	2.7	mg/L	0.5	0.5	VJ
		SW8270 SIM	2-Methylnaphthalene	ND	mg/L	5E-05	0.00005	
			Acenaphthene	ND	mg/L	5E-05	0.00004	
			Acenaphthylene	ND	mg/L	5E-05	0.00005	

Summary of Analytical Results Site 7
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE07WP101	Ground Water	SW8270 SIM	Anthracene	ND	mg/L	5E-05	0.00002	
			Benzo(a)anthracene	ND	mg/L	5E-05	0.00002	
			Benzo(a)pyrene	ND	mg/L	5E-05	0.00001	
			Benzo(b)fluoranthene	ND	mg/L	5E-05	0.00002	
			Benzo(g,h,i)perylene	ND	mg/L	5E-05	0.00004	
			Benzo(k)fluoranthene	ND	mg/L	5E-05	0.00002	
			Chrysene	ND	mg/L	5E-05	0.00001	
			Dibenzo(a,h)anthracene	ND	mg/L	5E-05	0.00005	
			Dibenzofuran	ND	mg/L	5E-05	0.00005	
			Fluoranthene	ND	mg/L	5E-05	0.00005	
			Fluorene	ND	mg/L	5E-05	0.00005	
			Indeno(1,2,3-cd)pyrene	ND	mg/L	5E-05	0.00004	
			Naphthalene	ND	mg/L	5E-05	0.00005	
			Phenanthrene	ND	mg/L	5E-05	0.00004	
			Pyrene	ND	mg/L	5E-05	0.00005	
		SW6010B	Aluminum	10.6	mg/L	0.02	0.012	
			Antimony	ND	mg/L	0.05	0.014	
			Barium	0.126	mg/L	0.003	0.0004	
			Beryllium	ND	mg/L	0.001	0.0003	
			Cadmium	ND	mg/L	0.002	0.00084	
			Calcium	7.57	mg/L	0.05	0.0003	
			Chromium	0.255	mg/L	0.005	0.0013	
			Cobalt	0.064	mg/L	0.003	0.0006	
			Copper	0.067	mg/L	0.002	0.002	
			Iron	47.1	mg/L	0.02	0.0063	
			Magnesium	3.77	mg/L	0.02	0.0084	
			Manganese	0.593	mg/L	0.001	0.0003	
			Nickel	3.54	mg/L	0.01	0.0034	
			Potassium	5.26	mg/L	0.5	0.38	
			Silver	ND	mg/L	0.003	0.0007	
			Sodium	8.48	mg/L	0.05	0.015	
			Vanadium	0.079	mg/L	0.003	0.0017	
			Zinc	2.47	mg/L	0.006	0.0029	
		SW7060A	Arsenic	0.01	mg/L	0.001	0.00054	
		SW7421	Lead	0.04	mg/L	0.005	0.0043	
		SW7470A	Mercury	0.0002	mg/L	1E-04	0.00003	
		SW7740	Selenium	ND	mg/L	0.002	0.00083	
		SW7841	Thallium	ND	mg/L	0.001	0.00081	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/L	0.001	0.00027	
			PCB-1221 (Aroclor 1221)	ND	mg/L	0.002	0.00025	
			PCB-1232 (Aroclor 1232)	ND	mg/L	0.001	0.00026	
			PCB-1242 (Aroclor 1242)	ND	mg/L	0.001	0.00021	
			PCB-1248 (Aroclor 1248)	ND	mg/L	0.001	0.00025	
			PCB-1254 (Aroclor 1254)	ND	mg/L	0.001	0.0003	
			PCB-1260 (Aroclor 1260)	ND	mg/L	0.001	0.00032	
		SW8260	1,1,1,2-Tetrachloroethane	ND	mg/L	0.001	0.00026	
			1,1,1-Trichloroethane	ND	mg/L	0.001	0.0004	
			1,1,2,2-Tetrachloroethane	ND	mg/L	0.001	0.00032	
			1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/L	0.002	0.0003	
			1,1,2-Trichloroethane	ND	mg/L	0.001	0.00039	
			1,1-Dichloroethane	ND	mg/L	0.001	0.00049	
			1,1-Dichloroethene	ND	mg/L	0.001	0.00049	
			1,1-Dichloropropene	ND	mg/L	0.001	0.00028	
			1,2,3-Trichlorobenzene	ND	mg/L	0.005	0.00035	
			1,2,3-Trichloropropane	ND	mg/L	0.003	0.00092	
			1,2,4-Trichlorobenzene	ND	mg/L	0.005	0.00049	
			1,2,4-Trimethylbenzene	ND	mg/L	0.001	0.00034	

Summary of Analytical Results Site 7
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE07WP101	Ground Water	SW8260	1,2-Dibromo-3-chloropropane	ND	mg/L	0.005	0.00097	
			1,2-Dibromoethane	ND	mg/L	0.001	0.00033	
			1,2-Dichlorobenzene	ND	mg/L	0.001	0.00038	
			1,2-Dichloroethane	ND	mg/L	0.001	0.00037	
			1,2-Dichloropropane	ND	mg/L	0.001	0.00042	
			1,3,5-Trimethylbenzene	ND	mg/L	0.001	0.00043	
			1,3-Dichlorobenzene	ND	mg/L	0.001	0.00044	
			1,3-Dichloropropane	ND	mg/L	0.001	0.00024	
			1,4-Dichlorobenzene	ND	mg/L	0.001	0.0004	
			2,2-Dichloropropane	ND	mg/L	0.001	0.00037	
			2-Butanone	ND	mg/L	0.005	0.00283	
			2-Chloroethyl vinyl ether	ND	mg/L	0.005	0.00019	
			2-Chlorotoluene	ND	mg/L	0.001	0.00046	
			2-Hexanone	ND	mg/L	0.005	0.00113	
			4-Chlorotoluene	ND	mg/L	0.001	0.00059	
			4-Isopropyltoluene	ND	mg/L	0.001	0.00026	
			4-Methyl-2-pentanone	ND	mg/L	0.005	0.00138	
			Acetone	0.019	mg/L	0.005	0.00304	
			Acrolein	ND	mg/L	0.05	0.00414	
			Acrylamide	ND	mg/L	0.001	0.00078	
			Benzene	ND	mg/L	0.001	0.00043	
			Bromobenzene	ND	mg/L	0.001	0.00058	
			Bromochloromethane	ND	mg/L	0.001	0.00058	
			Bromodichloromethane	ND	mg/L	0.001	0.00034	
			Bromoethane	ND	mg/L	0.002	0.00064	
			Bromoform	ND	mg/L	0.001	0.00031	
			Bromomethane	ND	mg/L	0.001	0.00058	
			Carbon disulfide	ND	mg/L	0.001	0.00036	
			Carbon tetrachloride	ND	mg/L	0.001	0.00045	
			Chlorobenzene	ND	mg/L	0.001	0.00036	
			Chloroethane	ND	mg/L	0.001	0.00051	
			Chloroform	ND	mg/L	0.001	0.00053	
			Chloromethane	ND	mg/L	0.001	0.00056	
			cis-1,2-Dichloroethene	ND	mg/L	0.001	0.00039	
			cis-1,3-Dichloropropene	ND	mg/L	0.001	0.00027	
			Dibromochloromethane	ND	mg/L	0.001	0.00024	
			Dibromomethane	ND	mg/L	0.001	0.00053	
			Ethylbenzene	ND	mg/L	0.001	0.00035	
			Hexachlorobutadiene	ND	mg/L	0.005	0.00058	
			Isopropylbenzene	ND	mg/L	0.001	0.00037	
			m,p-Xylene (sum)	ND	mg/L	0.001	0.00061	
			Methyl iodide	ND	mg/L	0.001	0.00061	
			Methylene chloride	ND	mg/L	0.002	0.00069	
			Naphthalene	ND	mg/L	0.005	0.00028	
			n-Butylbenzene	ND	mg/L	0.001	0.00026	
			n-Propylbenzene	ND	mg/L	0.001	0.00043	
			o-Xylene	ND	mg/L	0.001	0.00035	
			sec-Butylbenzene	ND	mg/L	0.001	0.00025	
			Styrene	ND	mg/L	0.001	0.00028	
			tert-Butylbenzene	ND	mg/L	0.001	0.00035	
			Tetrachloroethene	ND	mg/L	0.001	0.00031	
			Toluene	ND	mg/L	0.001	0.00042	
			trans-1,2-Dichloroethene	ND	mg/L	0.001	0.00054	
			trans-1,3-Dichloropropene	ND	mg/L	0.001	0.00026	
			trans-1,4-Dichloro-2-butene	ND	mg/L	0.005	0.0003	
			Trichloroethene	ND	mg/L	0.001	0.00042	
			Trichlorofluoromethane	ND	mg/L	0.001	0.00029	

Summary of Analytical Results Site 7
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE07WP101	Ground Water	SW8260	Vinyl acetate	ND	mg/L	0.005	0.0004	
			Vinyl chloride	ND	mg/L	0.001	0.0004	
01NE07WP102	Ground Water	SW8270 SIM	2-Methylnaphthalene	ND	mg/L	5E-05	0.00005	
			Acenaphthene	ND	mg/L	5E-05	0.00004	
			Acenaphthylene	ND	mg/L	5E-05	0.00005	
			Anthracene	ND	mg/L	5E-05	0.00002	
			Benzo(a)anthracene	ND	mg/L	5E-05	0.00002	
			Benzo(a)pyrene	ND	mg/L	5E-05	0.00001	
			Benzo(b)fluoranthene	ND	mg/L	5E-05	0.00002	
			Benzo(g,h,i)perylene	ND	mg/L	5E-05	0.00004	
			Benzo(k)fluoranthene	ND	mg/L	5E-05	0.00002	
			Chrysene	ND	mg/L	5E-05	0.00001	
			Dibenzo(a,h)anthracene	ND	mg/L	5E-05	0.00005	
			Dibenzofuran	ND	mg/L	5E-05	0.00005	
			Fluoranthene	ND	mg/L	5E-05	0.00005	
			Fluorene	ND	mg/L	5E-05	0.00005	
			Indeno(1,2,3-cd)pyrene	ND	mg/L	5E-05	0.00004	
			Naphthalene	ND	mg/L	5E-05	0.00005	
			Phenanthrene	ND	mg/L	5E-05	0.00004	
			Pyrene	ND	mg/L	5E-05	0.00005	
		AK101	GRO	ND	mg/L	0.25	0.1	
		AK102	DRO	ND	mg/L	0.25	0.02	
		AK103	RRO	1.1	mg/L	0.5	0.5	VJ
		SW6010B	Aluminum	25.8	mg/L	0.02	0.012	
			Antimony	ND	mg/L	0.05	0.014	
			Barium	0.13	mg/L	0.003	0.0004	
			Beryllium	0.002	mg/L	0.001	0.0003	
			Cadmium	ND	mg/L	0.002	0.00084	
			Calcium	4.31	mg/L	0.05	0.0003	
			Chromium	0.014	mg/L	0.005	0.0013	
			Cobalt	0.004	mg/L	0.003	0.0006	
			Copper	0.018	mg/L	0.002	0.002	
			Iron	18.7	mg/L	0.02	0.0063	
			Magnesium	3.62	mg/L	0.02	0.0084	
			Manganese	0.06	mg/L	0.001	0.0003	
			Nickel	ND	mg/L	0.01	0.0034	
			Potassium	2.25	mg/L	0.5	0.38	
			Silver	ND	mg/L	0.003	0.0007	
			Sodium	10.3	mg/L	0.05	0.015	
			Vanadium	0.035	mg/L	0.003	0.0017	
			Zinc	0.023	mg/L	0.006	0.0029	
		SW7060A	Arsenic	0.004	mg/L	0.001	0.00054	
		SW7421	Lead	0.017	mg/L	0.001	0.00086	
		SW7470A	Mercury	0.0002	mg/L	1E-04	0.00003	
		SW7740	Selenium	ND	mg/L	0.002	0.00083	
		SW7841	Thallium	ND	mg/L	0.001	0.00081	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/L	0.001	0.00027	
			PCB-1221 (Aroclor 1221)	ND	mg/L	0.002	0.00025	
			PCB-1232 (Aroclor 1232)	ND	mg/L	0.001	0.00026	
			PCB-1242 (Aroclor 1242)	ND	mg/L	0.001	0.00021	
			PCB-1248 (Aroclor 1248)	ND	mg/L	0.001	0.00025	
			PCB-1254 (Aroclor 1254)	ND	mg/L	0.001	0.0003	
			PCB-1260 (Aroclor 1260)	ND	mg/L	0.001	0.00032	
		SW8260	1,1,1,2-Tetrachloroethane	ND	mg/L	0.001	0.00026	
			1,1,1-Trichloroethane	ND	mg/L	0.001	0.0004	
			1,1,2,2-Tetrachloroethane	ND	mg/L	0.001	0.00032	
			1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/L	0.002	0.0003	

Summary of Analytical Results Site 7
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE07WP102	Ground Water	SW8260	1,1,2-Trichloroethane	ND	mg/L	0.001	0.00039	
			1,1-Dichloroethane	ND	mg/L	0.001	0.00049	
			1,1-Dichloroethene	ND	mg/L	0.001	0.00049	
			1,1-Dichloropropene	ND	mg/L	0.001	0.00028	
			1,2,3-Trichlorobenzene	ND	mg/L	0.005	0.00035	
			1,2,3-Trichloropropane	ND	mg/L	0.003	0.00092	
			1,2,4-Trichlorobenzene	ND	mg/L	0.005	0.00049	
			1,2,4-Trimethylbenzene	ND	mg/L	0.001	0.00034	
			1,2-Dibromo-3-chloropropane	ND	mg/L	0.005	0.00097	
			1,2-Dibromoethane	ND	mg/L	0.001	0.00033	
			1,2-Dichlorobenzene	ND	mg/L	0.001	0.00038	
			1,2-Dichloroethane	ND	mg/L	0.001	0.00037	
			1,2-Dichloropropane	ND	mg/L	0.001	0.00042	
			1,3,5-Trimethylbenzene	ND	mg/L	0.001	0.00043	
			1,3-Dichlorobenzene	ND	mg/L	0.001	0.00044	
			1,3-Dichloropropane	ND	mg/L	0.001	0.00024	
			1,4-Dichlorobenzene	ND	mg/L	0.001	0.0004	
			2,2-Dichloropropane	ND	mg/L	0.001	0.00037	
			2-Butanone	ND	mg/L	0.005	0.00283	
			2-Chloroethyl vinyl ether	ND	mg/L	0.005	0.00019	
			2-Chlorotoluene	ND	mg/L	0.001	0.00046	
			2-Hexanone	ND	mg/L	0.005	0.00113	
			4-Chlorotoluene	ND	mg/L	0.001	0.00059	
			4-Isopropyltoluene	ND	mg/L	0.001	0.00026	
			4-Methyl-2-pentanone	ND	mg/L	0.005	0.00138	
			Acetone	ND	mg/L	0.005	0.00304	
			Acrolein	ND	mg/L	0.05	0.00414	
			Acrylamide	ND	mg/L	0.001	0.00078	
			Benzene	ND	mg/L	0.001	0.00043	
			Bromobenzene	ND	mg/L	0.001	0.00058	
			Bromochloromethane	ND	mg/L	0.001	0.00058	
			Bromodichloromethane	ND	mg/L	0.001	0.00034	
			Bromoethane	ND	mg/L	0.002	0.00064	
			Bromoform	ND	mg/L	0.001	0.00031	
			Bromomethane	ND	mg/L	0.001	0.00058	
			Carbon disulfide	ND	mg/L	0.001	0.00036	
			Carbon tetrachloride	ND	mg/L	0.001	0.00045	
			Chlorobenzene	ND	mg/L	0.001	0.00036	
			Chloroethane	ND	mg/L	0.001	0.00051	
			Chloroform	ND	mg/L	0.001	0.00053	
			Chloromethane	ND	mg/L	0.001	0.00056	
			cis-1,2-Dichloroethene	ND	mg/L	0.001	0.00039	
			cis-1,3-Dichloropropene	ND	mg/L	0.001	0.00027	
			Dibromochloromethane	ND	mg/L	0.001	0.00024	
			Dibromomethane	ND	mg/L	0.001	0.00053	
			Ethylbenzene	ND	mg/L	0.001	0.00035	
			Hexachlorobutadiene	ND	mg/L	0.005	0.00058	
			Isopropylbenzene	ND	mg/L	0.001	0.00037	
			m,p-Xylene (sum)	ND	mg/L	0.001	0.00061	
			Methyl iodide	ND	mg/L	0.001	0.00061	
			Methylene chloride	ND	mg/L	0.002	0.00069	
			Naphthalene	ND	mg/L	0.005	0.00028	
			n-Butylbenzene	ND	mg/L	0.001	0.00026	
			n-Propylbenzene	ND	mg/L	0.001	0.00043	
			o-Xylene	ND	mg/L	0.001	0.00035	
			sec-Butylbenzene	ND	mg/L	0.001	0.00025	
			Styrene	ND	mg/L	0.001	0.00028	

Summary of Analytical Results Site 7
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE07WP102	Ground Water	SW8260	tert-Butylbenzene	ND	mg/L	0.001	0.00035	
			Tetrachloroethene	ND	mg/L	0.001	0.00031	
			Toluene	ND	mg/L	0.001	0.00042	
			trans-1,2-Dichloroethene	ND	mg/L	0.001	0.00054	
			trans-1,3-Dichloropropene	ND	mg/L	0.001	0.00026	
			trans-1,4-Dichloro-2-butene	ND	mg/L	0.005	0.0003	
			Trichloroethene	ND	mg/L	0.001	0.00042	
			Trichlorofluoromethane	ND	mg/L	0.001	0.00029	
			Vinyl acetate	ND	mg/L	0.005	0.0004	
			Vinyl chloride	ND	mg/L	0.001	0.0004	
01NE07WP103	Ground Water	SW8270 SIM	2-Methylnaphthalene	ND	mg/L	5E-05	0.00005	
			Acenaphthene	ND	mg/L	5E-05	0.00004	
			Acenaphthylene	ND	mg/L	5E-05	0.00005	
			Anthracene	ND	mg/L	5E-05	0.00002	
			Benzo(a)anthracene	ND	mg/L	5E-05	0.00002	
			Benzo(a)pyrene	ND	mg/L	5E-05	0.00001	
			Benzo(b)fluoranthene	ND	mg/L	5E-05	0.00002	
			Benzo(g,h,i)perylene	ND	mg/L	5E-05	0.00004	
			Benzo(k)fluoranthene	ND	mg/L	5E-05	0.00002	
			Chrysene	ND	mg/L	5E-05	0.00001	
			Dibenzo(a,h)anthracene	ND	mg/L	5E-05	0.00005	
			Dibenzofuran	ND	mg/L	5E-05	0.00005	
			Fluoranthene	ND	mg/L	5E-05	0.00005	
			Fluorene	ND	mg/L	5E-05	0.00005	
			Indeno(1,2,3-cd)pyrene	ND	mg/L	5E-05	0.00004	
			Naphthalene	ND	mg/L	5E-05	0.00005	
			Phenanthrene	ND	mg/L	5E-05	0.00004	
			Pyrene	ND	mg/L	5E-05	0.00005	
		AK101	GRO	ND	mg/L	0.25	0.1	
		AK102	DRO	0.39	mg/L	0.25	0.02	
		AK103	RRO	1.4	mg/L	0.5	0.5	VJ
		SW6010B	Aluminum	14.7	mg/L	0.02	0.012	
			Antimony	ND	mg/L	0.05	0.014	
			Barium	0.13	mg/L	0.003	0.0004	
			Beryllium	ND	mg/L	0.001	0.0003	
			Cadmium	ND	mg/L	0.002	0.00084	
			Calcium	3.96	mg/L	0.05	0.0003	
			Chromium	0.014	mg/L	0.005	0.0013	
			Cobalt	0.004	mg/L	0.003	0.0006	
			Copper	0.011	mg/L	0.002	0.002	
			Iron	11.2	mg/L	0.02	0.0063	
			Magnesium	3.71	mg/L	0.02	0.0084	
			Manganese	0.105	mg/L	0.001	0.0003	
			Nickel	ND	mg/L	0.01	0.0034	
			Potassium	1.64	mg/L	0.5	0.38	
			Silver	ND	mg/L	0.003	0.0007	
			Sodium	12.6	mg/L	0.05	0.015	
			Vanadium	0.029	mg/L	0.003	0.0017	
			Zinc	0.02	mg/L	0.006	0.0029	
		SW7060A	Arsenic	0.004	mg/L	0.001	0.00054	
		SW7421	Lead	0.006	mg/L	0.001	0.00086	
		SW7470A	Mercury	ND	mg/L	1E-04	0.00003	
		SW7740	Selenium	ND	mg/L	0.002	0.00083	
		SW7841	Thallium	ND	mg/L	0.001	0.00081	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/L	0.001	0.00027	
			PCB-1221 (Aroclor 1221)	ND	mg/L	0.002	0.00025	
			PCB-1232 (Aroclor 1232)	ND	mg/L	0.001	0.00026	

Summary of Analytical Results Site 7
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE07WP103	Ground Water	SW8082	PCB-1242 (Aroclor 1242)	ND	mg/L	0.001	0.00021	
			PCB-1248 (Aroclor 1248)	ND	mg/L	0.001	0.00025	
			PCB-1254 (Aroclor 1254)	ND	mg/L	0.001	0.0003	
			PCB-1260 (Aroclor 1260)	ND	mg/L	0.001	0.00032	
		SW8260	1,1,1,2-Tetrachloroethane	ND	mg/L	0.001	0.00026	
			1,1,1-Trichloroethane	ND	mg/L	0.001	0.0004	
			1,1,2,2-Tetrachloroethane	ND	mg/L	0.001	0.00032	
			1,1,2-Trichloro-1,2,2-trifluoroeth	ND	mg/L	0.002	0.0003	
			1,1,2-Trichloroethane	ND	mg/L	0.001	0.00039	
			1,1-Dichloroethane	ND	mg/L	0.001	0.00049	
			1,1-Dichloroethene	ND	mg/L	0.001	0.00049	
			1,1-Dichloropropene	ND	mg/L	0.001	0.00028	
			1,2,3-Trichlorobenzene	ND	mg/L	0.005	0.00035	
			1,2,3-Trichloropropane	ND	mg/L	0.003	0.00092	
			1,2,4-Trichlorobenzene	ND	mg/L	0.005	0.00049	
			1,2,4-Trimethylbenzene	ND	mg/L	0.001	0.00034	
			1,2-Dibromo-3-chloropropane	ND	mg/L	0.005	0.00097	
			1,2-Dibromoethane	ND	mg/L	0.001	0.00033	
			1,2-Dichlorobenzene	ND	mg/L	0.001	0.00038	
			1,2-Dichloroethane	ND	mg/L	0.001	0.00037	
			1,2-Dichloropropane	ND	mg/L	0.001	0.00042	
			1,3,5-Trimethylbenzene	ND	mg/L	0.001	0.00043	
			1,3-Dichlorobenzene	ND	mg/L	0.001	0.00044	
			1,3-Dichloropropane	ND	mg/L	0.001	0.00024	
			1,4-Dichlorobenzene	ND	mg/L	0.001	0.0004	
			2,2-Dichloropropane	ND	mg/L	0.001	0.00037	
			2-Butanone	ND	mg/L	0.005	0.00283	
			2-Chloroethyl vinyl ether	ND	mg/L	0.005	0.00019	
			2-Chlorotoluene	ND	mg/L	0.001	0.00046	
			2-Hexanone	ND	mg/L	0.005	0.00113	
			4-Chlorotoluene	ND	mg/L	0.001	0.00059	
			4-Isopropyltoluene	ND	mg/L	0.001	0.00026	
			4-Methyl-2-pentanone	ND	mg/L	0.005	0.00138	
			Acetone	ND	mg/L	0.005	0.00304	
			Acrolein	ND	mg/L	0.05	0.00414	
			Acrylamide	ND	mg/L	0.001	0.00078	
			Benzene	ND	mg/L	0.001	0.00043	
			Bromobenzene	ND	mg/L	0.001	0.00058	
			Bromochloromethane	ND	mg/L	0.001	0.00058	
			Bromodichloromethane	ND	mg/L	0.001	0.00034	
			Bromoethane	ND	mg/L	0.002	0.00064	
			Bromoform	ND	mg/L	0.001	0.00031	
			Bromomethane	ND	mg/L	0.001	0.00058	
			Carbon disulfide	ND	mg/L	0.001	0.00036	
			Carbon tetrachloride	ND	mg/L	0.001	0.00045	
			Chlorobenzene	ND	mg/L	0.001	0.00036	
			Chloroethane	ND	mg/L	0.001	0.00051	
			Chloroform	ND	mg/L	0.001	0.00053	
			Chloromethane	ND	mg/L	0.001	0.00056	
			cis-1,2-Dichloroethene	ND	mg/L	0.001	0.00039	
			cis-1,3-Dichloropropene	ND	mg/L	0.001	0.00027	
			Dibromochloromethane	ND	mg/L	0.001	0.00024	
			Dibromomethane	ND	mg/L	0.001	0.00053	
			Ethylbenzene	ND	mg/L	0.001	0.00035	
			Hexachlorobutadiene	ND	mg/L	0.005	0.00058	
			Isopropylbenzene	ND	mg/L	0.001	0.00037	
			m,p-Xylene (sum)	ND	mg/L	0.001	0.00061	

Summary of Analytical Results Site 7
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE07WP103	Ground Water	SW8260	Methyl iodide	ND	mg/L	0.001	0.00061	
			Methylene chloride	ND	mg/L	0.002	0.00069	
			Naphthalene	ND	mg/L	0.005	0.00028	
			n-Butylbenzene	ND	mg/L	0.001	0.00026	
			n-Propylbenzene	ND	mg/L	0.001	0.00043	
			o-Xylene	ND	mg/L	0.001	0.00035	
			sec-Butylbenzene	ND	mg/L	0.001	0.00025	
			Styrene	ND	mg/L	0.001	0.00028	
			tert-Butylbenzene	ND	mg/L	0.001	0.00035	
			Tetrachloroethene	ND	mg/L	0.001	0.00031	
			Toluene	ND	mg/L	0.001	0.00042	
			trans-1,2-Dichloroethene	ND	mg/L	0.001	0.00054	
			trans-1,3-Dichloropropene	ND	mg/L	0.001	0.00026	
			trans-1,4-Dichloro-2-butene	ND	mg/L	0.005	0.0003	
			Trichloroethene	ND	mg/L	0.001	0.00042	
			Trichlorofluoromethane	ND	mg/L	0.001	0.00029	
			Vinyl acetate	ND	mg/L	0.005	0.0004	
			Vinyl chloride	ND	mg/L	0.001	0.0004	
01NE07WP202	Ground Water	SW8270 SIM	2-Methylnaphthalene	ND	mg/L	5E-05	0.00005	
			Acenaphthene	ND	mg/L	5E-05	0.00004	
			Acenaphthylene	ND	mg/L	5E-05	0.00005	
			Anthracene	ND	mg/L	5E-05	0.00002	
			Benzo(a)anthracene	ND	mg/L	5E-05	0.00002	
			Benzo(a)pyrene	ND	mg/L	5E-05	0.00001	
			Benzo(b)fluoranthene	ND	mg/L	5E-05	0.00002	
			Benzo(g,h,i)perylene	ND	mg/L	5E-05	0.00004	
			Benzo(k)fluoranthene	ND	mg/L	5E-05	0.00002	
			Chrysene	ND	mg/L	5E-05	0.00001	
			Dibenzo(a,h)anthracene	ND	mg/L	5E-05	0.00005	
			Dibenzofuran	ND	mg/L	5E-05	0.00005	
			Fluoranthene	ND	mg/L	5E-05	0.00005	
			Fluorene	ND	mg/L	5E-05	0.00005	
			Indeno(1,2,3-cd)pyrene	ND	mg/L	5E-05	0.00004	
			Naphthalene	ND	mg/L	5E-05	0.00005	
			Phenanthrene	ND	mg/L	5E-05	0.00004	
			Pyrene	ND	mg/L	5E-05	0.00005	
		SW8260	1,1,1,2-Tetrachloroethane	ND	mg/L	0.001	0.00026	
			1,1,1-Trichloroethane	ND	mg/L	0.001	0.0004	
			1,1,2,2-Tetrachloroethane	ND	mg/L	0.001	0.00032	
			1,1,2-Trichloro-1,2,2-trifluoroeth	ND	mg/L	0.002	0.0003	
			1,1,2-Trichloroethane	ND	mg/L	0.001	0.00039	
			1,1-Dichloroethane	ND	mg/L	0.001	0.00049	
			1,1-Dichloroethene	ND	mg/L	0.001	0.00049	
			1,1-Dichloropropene	ND	mg/L	0.001	0.00028	
			1,2,3-Trichlorobenzene	ND	mg/L	0.005	0.00035	
			1,2,3-Trichloropropane	ND	mg/L	0.003	0.00092	
			1,2,4-Trichlorobenzene	ND	mg/L	0.005	0.00049	
			1,2,4-Trimethylbenzene	ND	mg/L	0.001	0.00034	
			1,2-Dibromo-3-chloropropane	ND	mg/L	0.005	0.00097	
			1,2-Dibromoethane	ND	mg/L	0.001	0.00033	
			1,2-Dichlorobenzene	ND	mg/L	0.001	0.00038	
			1,2-Dichloroethane	ND	mg/L	0.001	0.00037	
			1,2-Dichloropropane	ND	mg/L	0.001	0.00042	
			1,3,5-Trimethylbenzene	ND	mg/L	0.001	0.00043	
			1,3-Dichlorobenzene	ND	mg/L	0.001	0.00044	
			1,3-Dichloropropane	ND	mg/L	0.001	0.00024	
			1,4-Dichlorobenzene	ND	mg/L	0.001	0.0004	

Summary of Analytical Results Site 7
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE07WP202	Ground Water	SW8260	2,2-Dichloropropane	ND	mg/L	0.001	0.00037	
			2-Butanone	ND	mg/L	0.005	0.0028	
			2-Chloroethyl vinyl ether	ND	mg/L	0.005	0.00019	
			2-Chlorotoluene	ND	mg/L	0.001	0.00046	
			2-Hexanone	ND	mg/L	0.005	0.0011	
			4-Chlorotoluene	ND	mg/L	0.001	0.00059	
			4-Isopropyltoluene	ND	mg/L	0.001	0.00026	
			4-Methyl-2-pentanone	ND	mg/L	0.005	0.0014	
			Acetone	ND	mg/L	0.005	0.003	
			Acrolein	ND	mg/L	0.05	0.0041	
			Acrylamide	ND	mg/L	0.001	0.00078	
			Benzene	ND	mg/L	0.001	0.00043	
			Bromobenzene	ND	mg/L	0.001	0.00058	
			Bromochloromethane	ND	mg/L	0.001	0.00058	
			Bromodichloromethane	ND	mg/L	0.001	0.00034	
			Bromoethane	ND	mg/L	0.002	0.00064	
			Bromoform	ND	mg/L	0.001	0.00031	
			Bromomethane	ND	mg/L	0.001	0.00058	
			Carbon disulfide	ND	mg/L	0.001	0.00036	
			Carbon tetrachloride	ND	mg/L	0.001	0.00045	
			Chlorobenzene	ND	mg/L	0.001	0.00036	
			Chloroethane	ND	mg/L	0.001	0.00051	
			Chloroform	ND	mg/L	0.001	0.00053	
			Chloromethane	ND	mg/L	0.001	0.00056	
			cis-1,2-Dichloroethene	ND	mg/L	0.001	0.00039	
			cis-1,3-Dichloropropene	ND	mg/L	0.001	0.00027	
			Dibromochloromethane	ND	mg/L	0.001	0.00024	
			Dibromomethane	ND	mg/L	0.001	0.00053	
			Ethylbenzene	ND	mg/L	0.001	0.00035	
			Hexachlorobutadiene	ND	mg/L	0.005	0.00058	
			Isopropylbenzene	ND	mg/L	0.001	0.00037	
			m,p-Xylene (sum)	ND	mg/L	0.001	0.00061	
			Methyl iodide	ND	mg/L	0.001	0.00061	
			Methylene chloride	ND	mg/L	0.002	0.00069	
			Naphthalene	ND	mg/L	0.005	0.00028	
			n-Butylbenzene	ND	mg/L	0.001	0.00026	
			n-Propylbenzene	ND	mg/L	0.001	0.00043	
			o-Xylene	ND	mg/L	0.001	0.00035	
			sec-Butylbenzene	ND	mg/L	0.001	0.00025	
			Styrene	ND	mg/L	0.001	0.00028	
			tert-Butylbenzene	ND	mg/L	0.001	0.00035	
			Tetrachloroethene	ND	mg/L	0.001	0.00031	
			Toluene	ND	mg/L	0.001	0.00042	
			trans-1,2-Dichloroethene	ND	mg/L	0.001	0.00054	
			trans-1,3-Dichloropropene	ND	mg/L	0.001	0.00026	
			trans-1,4-Dichloro-2-butene	ND	mg/L	0.005	0.0003	
			Trichloroethene	ND	mg/L	0.001	0.00042	
			Trichlorofluoromethane	ND	mg/L	0.001	0.00029	
			Vinyl acetate	ND	mg/L	0.005	0.0004	
			Vinyl chloride	ND	mg/L	0.001	0.0004	

Key:
DRO - diesel range organics
MDL - method detection limit
mg/L - milligram per liter
mg/Kg - milligram per kilogram
MRL - method reporting limit

Summary of Analytical Results Site 7
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier

ND - not detected
RRO - residual range organics
SIM - selected ion monitoring
VB - The analyte was detected in the assoicated blank and the sample indicating possible contamination.
VJ - The analyte was positively identified; the quantitaion is an estimation.
VQQ - The practical quantation limit is approximate due to QC or matrix effects.

Summary of Analytical Results Site 9
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE09MW103	Ground water	AK101	GRO	ND	mg/L	0.25	0.1	
		AK102	DRO	ND	mg/L	0.25	0.02	
		AK103	RRO	ND	mg/L	0.5	0.5	VQQ
		SW8270 SIM	2-Methylnaphthalene	ND	mg/L	0.00005	0.00005	
			Acenaphthene	ND	mg/L	0.00005	0.00004	
			Acenaphthylene	ND	mg/L	0.00005	0.00005	
			Anthracene	ND	mg/L	0.00005	0.00002	
			Benzo(a)anthracene	ND	mg/L	0.00005	0.00002	
			Benzo(a)pyrene	ND	mg/L	0.00005	0.00001	
			Benzo(b)fluoranthene	ND	mg/L	0.00005	0.00002	
			Benzo(g,h,i)perylene	ND	mg/L	0.00005	0.00004	
			Benzo(k)fluoranthene	ND	mg/L	0.00005	0.00002	
			Chrysene	ND	mg/L	0.00005	0.00001	
			Dibenzo(a,h)anthracene	ND	mg/L	0.00005	0.00005	
			Dibenzofuran	ND	mg/L	0.00005	0.00005	
			Fluoranthene	ND	mg/L	0.00005	0.00005	
			Fluorene	ND	mg/L	0.00005	0.00005	
			Indeno(1,2,3-cd)pyrene	ND	mg/L	0.00005	0.00004	
			Naphthalene	ND	mg/L	0.00005	0.00005	
			Phenanthrene	ND	mg/L	0.00005	0.00004	
			Pyrene	ND	mg/L	0.00005	0.00005	
		SW6010B	Aluminum	164	mg/L	0.02	0.012	
			Antimony	0.12	mg/L	0.05	0.014	
			Barium	1.16	mg/L	0.003	0.0004	
			Beryllium	0.014	mg/L	0.001	0.0003	
			Cadmium	0.004	mg/L	0.002	0.00084	
			Calcium	58.6	mg/L	0.05	0.0003	
			Chromium	0.099	mg/L	0.005	0.0013	
			Cobalt	0.037	mg/L	0.003	0.0006	
			Copper	0.068	mg/L	0.002	0.002	
			Iron	322	mg/L	0.02	0.0063	
			Magnesium	38.9	mg/L	0.02	0.0084	
			Manganese	2.24	mg/L	0.001	0.0003	
			Nickel	0.08	mg/L	0.01	0.0034	
			Potassium	16.4	mg/L	0.5	0.38	
			Silver	ND	mg/L	0.003	0.0007	
			Sodium	46.9	mg/L	0.05	0.015	
			Vanadium	0.149	mg/L	0.003	0.0017	
			Zinc	0.512	mg/L	0.006	0.0029	
		SW7060A	Arsenic	ND	mg/L	0.005	0.0027	
		SW7421	Lead	0.3	mg/L	0.01	0.0086	
		SW7470A	Mercury	0.0004	mg/L	0.0001	0.00003	
		SW7740	Selenium	ND	mg/L	0.01	0.0042	
		SW7841	Thallium	ND	mg/L	0.005	0.004	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/L	0.001	0.00027	VQQ
			PCB-1221 (Aroclor 1221)	ND	mg/L	0.002	0.00025	VQQ
			PCB-1232 (Aroclor 1232)	ND	mg/L	0.001	0.00026	VQQ
			PCB-1242 (Aroclor 1242)	ND	mg/L	0.001	0.00021	VQQ
			PCB-1248 (Aroclor 1248)	ND	mg/L	0.001	0.00025	VQQ
			PCB-1254 (Aroclor 1254)	ND	mg/L	0.001	0.0003	VQQ
			PCB-1260 (Aroclor 1260)	ND	mg/L	0.001	0.00032	VQQ
		SW8260	1,1,1,2-Tetrachloroethane	ND	mg/L	0.001	0.00026	
			1,1,1-Trichloroethane	ND	mg/L	0.001	0.0004	
			1,1,2,2-Tetrachloroethane	ND	mg/L	0.001	0.00032	
			1,1,2-Trichloro-1,2,2-trifluoroeth	ND	mg/L	0.002	0.0003	
			1,1,2-Trichloroethane	ND	mg/L	0.001	0.00039	
			1,1-Dichloroethane	ND	mg/L	0.001	0.00049	
			1,1-Dichloroethene	ND	mg/L	0.001	0.00049	

Summary of Analytical Results Site 9
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE09MW103	Ground water	SW8260	1,1-Dichloropropene	ND	mg/L	0.001	0.00028	
			1,2,3-Trichlorobenzene	ND	mg/L	0.005	0.00035	
			1,2,3-Trichloropropane	ND	mg/L	0.003	0.00092	
			1,2,4-Trichlorobenzene	ND	mg/L	0.005	0.00049	
			1,2,4-Trimethylbenzene	ND	mg/L	0.001	0.00034	
			1,2-Dibromo-3-chloropropan	ND	mg/L	0.005	0.00097	
			1,2-Dibromoethane	ND	mg/L	0.001	0.00033	
			1,2-Dichlorobenzene	ND	mg/L	0.001	0.00038	
			1,2-Dichloroethane	ND	mg/L	0.001	0.00037	
			1,2-Dichloropropane	ND	mg/L	0.001	0.00042	
			1,3,5-Trimethylbenzene	ND	mg/L	0.001	0.00043	
			1,3-Dichlorobenzene	ND	mg/L	0.001	0.00044	
			1,3-Dichloropropane	ND	mg/L	0.001	0.00024	
			1,4-Dichlorobenzene	ND	mg/L	0.001	0.0004	
			2,2-Dichloropropane	ND	mg/L	0.001	0.00037	
			2-Butanone	ND	mg/L	0.005	0.0028	
			2-Chloroethyl vinyl ether	ND	mg/L	0.005	0.00019	
			2-Chlorotoluene	ND	mg/L	0.001	0.00046	
			2-Hexanone	ND	mg/L	0.005	0.0011	
			4-Chlorotoluene	ND	mg/L	0.001	0.00059	
			4-Isopropyltoluene	ND	mg/L	0.001	0.00026	
			4-Methyl-2-pentanone	ND	mg/L	0.005	0.0014	
			Acetone	ND	mg/L	0.005	0.003	
			Acrolein	ND	mg/L	0.05	0.0041	
			Acrylamide	ND	mg/L	0.001	0.00078	
			Benzene	ND	mg/L	0.001	0.00043	
			Bromobenzene	ND	mg/L	0.001	0.00058	
			Bromochloromethane	ND	mg/L	0.001	0.00058	
			Bromodichloromethane	ND	mg/L	0.001	0.00034	
			Bromoethane	ND	mg/L	0.002	0.00064	
			Bromoform	ND	mg/L	0.001	0.00031	
			Bromomethane	ND	mg/L	0.001	0.00058	
			Carbon disulfide	ND	mg/L	0.001	0.00036	
			Carbon tetrachloride	ND	mg/L	0.001	0.00045	
			Chlorobenzene	ND	mg/L	0.001	0.00036	
			Chloroethane	ND	mg/L	0.001	0.00051	
			Chloroform	ND	mg/L	0.001	0.00053	
			Chloromethane	ND	mg/L	0.001	0.00056	
			cis-1,2-Dichloroethene	ND	mg/L	0.001	0.00039	
			cis-1,3-Dichloropropene	ND	mg/L	0.001	0.00027	
			Dibromochloromethane	ND	mg/L	0.001	0.00024	
			Dibromomethane	ND	mg/L	0.001	0.00053	
			Ethylbenzene	ND	mg/L	0.001	0.00035	
			Hexachlorobutadiene	ND	mg/L	0.005	0.00058	
			Isopropylbenzene	ND	mg/L	0.001	0.00037	
			m,p-Xylene (sum)	ND	mg/L	0.001	0.00061	
			Methyl iodide	ND	mg/L	0.001	0.00061	
			Methylene chloride	ND	mg/L	0.002	0.00069	
			Naphthalene	ND	mg/L	0.005	0.00028	
			n-Butylbenzene	ND	mg/L	0.001	0.00026	
			n-Propylbenzene	ND	mg/L	0.001	0.00043	
			o-Xylene	ND	mg/L	0.001	0.00035	
			sec-Butylbenzene	ND	mg/L	0.001	0.00025	
			Styrene	ND	mg/L	0.001	0.00028	
			tert-Butylbenzene	ND	mg/L	0.001	0.00035	
			Tetrachloroethene	ND	mg/L	0.001	0.00031	
			Toluene	ND	mg/L	0.001	0.00042	
			trans-1,2-Dichloroethene	ND	mg/L	0.001	0.00054	

Summary of Analytical Results Site 9
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE09MW103	Ground water	SW8260	trans-1,3-Dichloropropene	ND	mg/L	0.001	0.00026	
			trans-1,4-Dichloro-2-butene	ND	mg/L	0.005	0.0003	
			Trichloroethene	ND	mg/L	0.001	0.00042	
			Trichlorofluoromethane	ND	mg/L	0.001	0.00029	
			Vinyl acetate	ND	mg/L	0.005	0.0004	
			Vinyl chloride	ND	mg/L	0.001	0.0004	
01NE09SD107	Sediment	AK102	DRO	320	mg/Kg	17	3.1	
		AK103	RRO	2100	mg/Kg	35	35	VJ
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.041	0.041	
			Acenaphthene	ND	mg/Kg	0.041	0.028	
			Acenaphthylene	ND	mg/Kg	0.041	0.027	
			Anthracene	ND	mg/Kg	0.041	0.027	
			Benzo(a)anthracene	ND	mg/Kg	0.041	0.023	
			Benzo(a)pyrene	ND	mg/Kg	0.041	0.02	
			Benzo(b)fluoranthene	ND	mg/Kg	0.041	0.027	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.041	0.023	
			Benzo(k)fluoranthene	ND	mg/Kg	0.041	0.021	
			Chrysene	ND	mg/Kg	0.041	0.019	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.041	0.02	
			Dibenzofuran	ND	mg/Kg	0.041	0.041	
			Fluoranthene	ND	mg/Kg	0.041	0.021	
			Fluorene	ND	mg/Kg	0.041	0.031	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.041	0.029	
			Naphthalene	ND	mg/Kg	0.041	0.039	
			Phenanthrene	ND	mg/Kg	0.041	0.027	
			Pyrene	ND	mg/Kg	0.041	0.024	
		E200.8	Arsenic	8	mg/Kg	1	0.2	
		SW6010B	Aluminum	7740	mg/Kg	10	7	
			Antimony	ND	mg/Kg	30	8	
			Barium	72	mg/Kg	2	0.2	
			Beryllium	0.7	mg/Kg	0.6	0.2	
			Cadmium	ND	mg/Kg	1	0.5	
			Calcium	2020	mg/Kg	30	0.2	
			Chromium	5	mg/Kg	3	0.8	
			Cobalt	ND	mg/Kg	2	0.4	
			Copper	6	mg/Kg	1	1	
			Iron	31100	mg/Kg	10	4	
			Lead	ND	mg/Kg	10	4	
			Magnesium	930	mg/Kg	10	5	
			Manganese	50.5	mg/Kg	0.6	0.2	
			Nickel	ND	mg/Kg	6	2	
			Potassium	ND	mg/Kg	290	200	
			Selenium	ND	mg/Kg	30	6	
			Silver	ND	mg/Kg	2	0.4	
			Sodium	180	mg/Kg	30	9	
			Thallium	ND	mg/Kg	30	4	
			Vanadium	21	mg/Kg	2	1	
			Zinc	15	mg/Kg	4	2	
		SW7471A	Mercury	ND	mg/Kg	0.2	0.07	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.23	0.0621	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.47	0.0744	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.23	0.0321	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.23	0.0379	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.23	0.0249	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.23	0.0751	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.23	0.0609	
		SW8260	1,1,1,2-Tetrachloroethane	ND	mg/Kg	0.22	0.087	
			1,1,1-Trichloroethane	ND	mg/Kg	0.22	0.059	

Summary of Analytical Results Site 9
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE09SD107	Sediment	SW8260	1,1,2,2-Tetrachloroethane	ND	mg/Kg	0.22	0.14	
			1,1,2-Trichloro-1,2,2-trifluoroeth	ND	mg/Kg	0.22	0.05	
			1,1,2-Trichloroethane	ND	mg/Kg	0.22	0.061	
			1,1-Dichloroethane	ND	mg/Kg	0.22	0.079	
			1,1-Dichloroethene	ND	mg/Kg	0.22	0.068	
			1,1-Dichloropropene	ND	mg/Kg	0.22	0.063	
			1,2,3-Trichlorobenzene	ND	mg/Kg	1.1	0.1	
			1,2,3-Trichloropropane	ND	mg/Kg	0.44	0.13	
			1,2,4-Trichlorobenzene	ND	mg/Kg	1.1	0.096	
			1,2,4-Trimethylbenzene	ND	mg/Kg	0.22	0.083	
			1,2-Dibromo-3-chloropropan	ND	mg/Kg	1.1	0.16	
			1,2-Dibromoethane	ND	mg/Kg	0.22	0.066	
			1,2-Dichlorobenzene	ND	mg/Kg	0.22	0.094	
			1,2-Dichloroethane	ND	mg/Kg	0.22	0.046	
			1,2-Dichloropropane	ND	mg/Kg	0.22	0.05	
			1,3,5-Trimethylbenzene	ND	mg/Kg	0.22	0.09	
			1,3-Dichlorobenzene	ND	mg/Kg	0.22	0.079	
			1,3-Dichloropropane	ND	mg/Kg	0.22	0.087	
			1,4-Dichlorobenzene	ND	mg/Kg	0.22	0.085	
			2,2-Dichloropropane	ND	mg/Kg	0.22	0.076	
			2-Butanone	ND	mg/Kg	1.1	1	
			2-Chloroethyl vinyl ether	ND	mg/Kg	1.1	0.096	
			2-Chlorotoluene	ND	mg/Kg	0.22	0.14	
			2-Hexanone	ND	mg/Kg	1.1	0.86	
			4-Chlorotoluene	ND	mg/Kg	0.22	0.083	
			4-Isopropyltoluene	ND	mg/Kg	0.22	0.085	
			4-Methyl-2-pentanone	ND	mg/Kg	1.1	0.67	
			Acetone	ND	mg/Kg	1.1	1	
			Acrolein	ND	mg/Kg	11	1.4	
			Acrylamide	ND	mg/Kg	1.1	0.16	
			Benzene	ND	mg/Kg	0.22	0.055	
			Bromobenzene	ND	mg/Kg	0.22	0.087	
			Bromochloromethane	ND	mg/Kg	0.22	0.079	
			Bromodichloromethane	ND	mg/Kg	0.22	0.035	
			Bromoethane	ND	mg/Kg	0.44	0.092	
			Bromoform	ND	mg/Kg	0.22	0.068	
			Bromomethane	ND	mg/Kg	0.22	0.14	
			Carbon disulfide	ND	mg/Kg	0.22	0.063	
			Carbon tetrachloride	ND	mg/Kg	0.22	0.05	
			Chlorobenzene	ND	mg/Kg	0.22	0.074	
			Chloroethane	ND	mg/Kg	0.22	0.074	
			Chloroform	ND	mg/Kg	0.22	0.061	
			Chloromethane	ND	mg/Kg	0.22	0.059	
			cis-1,2-Dichloroethene	ND	mg/Kg	0.22	0.061	
			cis-1,3-Dichloropropene	ND	mg/Kg	0.22	0.05	
			Dibromochloromethane	ND	mg/Kg	0.22	0.059	
			Dibromomethane	ND	mg/Kg	0.22	0.059	
			Ethylbenzene	ND	mg/Kg	0.22	0.081	
			Hexachlorobutadiene	ND	mg/Kg	1.1	0.29	
			Isopropylbenzene	ND	mg/Kg	0.22	0.092	
			m,p-Xylene (sum)	ND	mg/Kg	0.22	0.16	
			Methyl iodide	ND	mg/Kg	0.22	0.096	
			Methylene chloride	ND	mg/Kg	0.66	0.49	
			Naphthalene	ND	mg/Kg	1.1	0.16	
			n-Butylbenzene	ND	mg/Kg	0.44	0.094	
			n-Propylbenzene	ND	mg/Kg	0.22	0.083	
			o-Xylene	ND	mg/Kg	0.22	0.07	
			sec-Butylbenzene	ND	mg/Kg	0.22	0.11	

Summary of Analytical Results Site 9
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE09SD107	Sediment	SW8260	Styrene	ND	mg/Kg	0.22	0.061	
			tert-Butylbenzene	ND	mg/Kg	0.22	0.096	
			Tetrachloroethene	ND	mg/Kg	0.22	0.11	
			Toluene	ND	mg/Kg	0.22	0.068	
			trans-1,2-Dichloroethene	ND	mg/Kg	0.22	0.068	
			trans-1,3-Dichloropropene	ND	mg/Kg	0.22	0.048	
			trans-1,4-Dichloro-2-butene	ND	mg/Kg	1.1	0.083	
			Trichloroethene	ND	mg/Kg	0.22	0.081	
			Trichlorofluoromethane	ND	mg/Kg	0.22	0.085	
			Vinyl acetate	ND	mg/Kg	1.1	0.15	
			Vinyl chloride	ND	mg/Kg	0.22	0.076	
01NE09SD108	Sediment	AK102	DRO	84	mg/Kg	9.3	1.7	
		AK103	RRO	520	mg/Kg	19	19	VJ
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.022	0.022	VQQ
			Acenaphthene	ND	mg/Kg	0.022	0.015	VQQ
			Acenaphthylene	ND	mg/Kg	0.022	0.015	VQQ
			Anthracene	ND	mg/Kg	0.022	0.015	VQQ
			Benzo(a)anthracene	ND	mg/Kg	0.022	0.012	VQQ
			Benzo(a)pyrene	ND	mg/Kg	0.022	0.011	VQQ
			Benzo(b)fluoranthene	ND	mg/Kg	0.022	0.014	VQQ
			Benzo(g,h,i)perylene	ND	mg/Kg	0.022	0.012	VQQ
			Benzo(k)fluoranthene	ND	mg/Kg	0.022	0.011	VQQ
			Chrysene	ND	mg/Kg	0.022	0.01	VQQ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.022	0.011	VQQ
			Dibenzofuran	ND	mg/Kg	0.022	0.022	VQQ
			Fluoranthene	ND	mg/Kg	0.022	0.011	VQQ
			Fluorene	ND	mg/Kg	0.022	0.017	VQQ
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.022	0.015	VQQ
			Naphthalene	ND	mg/Kg	0.022	0.021	VQQ
			Phenanthrene	ND	mg/Kg	0.022	0.014	VQQ
			Pyrene	ND	mg/Kg	0.022	0.013	VQQ
		E200.8	Arsenic	5.9	mg/Kg	0.6	0.1	
		SW6010B	Aluminum	20000	mg/Kg	9	5	
			Antimony	ND	mg/Kg	20	6	
			Barium	111	mg/Kg	1	0.2	
			Beryllium	2	mg/Kg	0.5	0.1	
			Cadmium	ND	mg/Kg	0.9	0.4	
			Calcium	2090	mg/Kg	20	0.1	
			Chromium	22	mg/Kg	2	0.6	
			Cobalt	4	mg/Kg	1	0.3	
			Copper	15.9	mg/Kg	0.9	0.9	
			Iron	22200	mg/Kg	9	3	
			Lead	27	mg/Kg	9	3	
			Magnesium	2980	mg/Kg	9	4	
			Manganese	125	mg/Kg	0.5	0.1	
			Nickel	10	mg/Kg	5	2	
			Potassium	1060	mg/Kg	230	200	
			Selenium	ND	mg/Kg	20	4	
			Silver	ND	mg/Kg	1	0.3	
			Sodium	270	mg/Kg	20	7	
			Thallium	ND	mg/Kg	20	3	
			Vanadium	44	mg/Kg	1	0.8	
			Zinc	42	mg/Kg	3	1	
		SW7471A	Mercury	ND	mg/Kg	0.2	0.06	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.12	0.0332	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.25	0.0398	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.12	0.0171	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.12	0.0202	

Summary of Analytical Results Site 9
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE09SD108	Sediment	SW8082	PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.12	0.0133	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.12	0.0401	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.12	0.0325	
		SW8260	1,1,1,2-Tetrachloroethane	ND	mg/Kg	0.18	0.073	
			1,1,1-Trichloroethane	0.2	mg/Kg	0.18	0.049	
			1,1,2,2-Tetrachloroethane	ND	mg/Kg	0.18	0.12	
			1,1,2-Trichloro-1,2,2-trifluoroeth	ND	mg/Kg	0.18	0.042	
			1,1,2-Trichloroethane	ND	mg/Kg	0.18	0.051	
			1,1-Dichloroethane	ND	mg/Kg	0.18	0.065	
			1,1-Dichloroethene	ND	mg/Kg	0.18	0.056	
			1,1-Dichloropropene	ND	mg/Kg	0.18	0.053	
			1,2,3-Trichlorobenzene	ND	mg/Kg	0.91	0.084	
			1,2,3-Trichloropropane	ND	mg/Kg	0.36	0.11	
			1,2,4-Trichlorobenzene	ND	mg/Kg	0.91	0.08	
			1,2,4-Trimethylbenzene	ND	mg/Kg	0.18	0.069	
			1,2-Dibromo-3-chloropropan	ND	mg/Kg	0.91	0.13	
			1,2-Dibromoethane	ND	mg/Kg	0.18	0.055	
			1,2-Dichlorobenzene	ND	mg/Kg	0.18	0.078	
			1,2-Dichloroethane	ND	mg/Kg	0.18	0.038	
			1,2-Dichloropropane	ND	mg/Kg	0.18	0.042	
			1,3,5-Trimethylbenzene	ND	mg/Kg	0.18	0.075	
			1,3-Dichlorobenzene	ND	mg/Kg	0.18	0.065	
			1,3-Dichloropropane	ND	mg/Kg	0.18	0.073	
			1,4-Dichlorobenzene	ND	mg/Kg	0.18	0.071	
			2,2-Dichloropropane	ND	mg/Kg	0.18	0.064	
			2-Butanone	ND	mg/Kg	0.91	0.84	
			2-Chloroethyl vinyl ether	ND	mg/Kg	0.91	0.08	
			2-Chlorotoluene	ND	mg/Kg	0.18	0.11	
			2-Hexanone	ND	mg/Kg	0.91	0.71	
			4-Chlorotoluene	ND	mg/Kg	0.18	0.069	
			4-Isopropyltoluene	ND	mg/Kg	0.18	0.071	
			4-Methyl-2-pentanone	ND	mg/Kg	0.91	0.56	
			Acetone	1.5	mg/Kg	0.91	0.84	
			Acrolein	ND	mg/Kg	9.1	1.2	
			Acrylamide	ND	mg/Kg	0.91	0.13	
			Benzene	ND	mg/Kg	0.18	0.045	
			Bromobenzene	ND	mg/Kg	0.18	0.073	
			Bromochloromethane	ND	mg/Kg	0.18	0.065	
			Bromodichloromethane	ND	mg/Kg	0.18	0.029	
			Bromoethane	ND	mg/Kg	0.36	0.076	
			Bromoform	ND	mg/Kg	0.18	0.056	
			Bromomethane	0.36	mg/Kg	0.18	0.12	VB
			Carbon disulfide	ND	mg/Kg	0.18	0.053	
			Carbon tetrachloride	ND	mg/Kg	0.18	0.042	
			Chlorobenzene	ND	mg/Kg	0.18	0.062	
			Chloroethane	ND	mg/Kg	0.18	0.062	
			Chloroform	ND	mg/Kg	0.18	0.051	
			Chloromethane	ND	mg/Kg	0.18	0.049	
			cis-1,2-Dichloroethene	ND	mg/Kg	0.18	0.051	
			cis-1,3-Dichloropropene	ND	mg/Kg	0.18	0.042	
			Dibromochloromethane	ND	mg/Kg	0.18	0.049	
			Dibromomethane	ND	mg/Kg	0.18	0.049	
			Ethylbenzene	ND	mg/Kg	0.18	0.067	
			Hexachlorobutadiene	ND	mg/Kg	0.91	0.24	
			Isopropylbenzene	ND	mg/Kg	0.18	0.076	
			m,p-Xylene (sum)	ND	mg/Kg	0.18	0.13	
			Methyl iodide	ND	mg/Kg	0.18	0.08	
			Methylene chloride	ND	mg/Kg	0.55	0.41	

Summary of Analytical Results Site 9
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE09SD108	Sediment	SW8260	Naphthalene	ND	mg/Kg	0.91	0.13	
			n-Butylbenzene	ND	mg/Kg	0.36	0.078	
			n-Propylbenzene	ND	mg/Kg	0.18	0.069	
			o-Xylene	ND	mg/Kg	0.18	0.058	
			sec-Butylbenzene	ND	mg/Kg	0.18	0.089	
			Styrene	ND	mg/Kg	0.18	0.051	
			tert-Butylbenzene	ND	mg/Kg	0.18	0.08	
			Tetrachloroethene	ND	mg/Kg	0.18	0.093	
			Toluene	6	mg/Kg	0.18	0.056	
			trans-1,2-Dichloroethene	ND	mg/Kg	0.18	0.056	
			trans-1,3-Dichloropropene	ND	mg/Kg	0.18	0.04	
			trans-1,4-Dichloro-2-butene	ND	mg/Kg	0.91	0.069	
			Trichloroethene	ND	mg/Kg	0.18	0.067	
			Trichlorofluoromethane	ND	mg/Kg	0.18	0.071	
			Vinyl acetate	ND	mg/Kg	0.91	0.12	
			Vinyl chloride	ND	mg/Kg	0.18	0.064	
01NE09SD109	Sediment	AK102	DRO	510	mg/Kg	34	6.2	
		AK103	RRO	1300	mg/Kg	69	69	VJ
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.016	0.016	
			Acenaphthene	ND	mg/Kg	0.016	0.011	
			Acenaphthylene	ND	mg/Kg	0.016	0.011	
			Anthracene	ND	mg/Kg	0.016	0.011	
			Benzo(a)anthracene	0.021	mg/Kg	0.016	0.009	
			Benzo(a)pyrene	0.086	mg/Kg	0.016	0.0078	
			Benzo(b)fluoranthene	0.039	mg/Kg	0.016	0.011	VP,VJ
			Benzo(g,h,i)perylene	0.088	mg/Kg	0.016	0.009	
			Benzo(k)fluoranthene	0.057	mg/Kg	0.016	0.0081	VP,VJ
			Chrysene	0.064	mg/Kg	0.016	0.0076	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.016	0.0078	
			Dibenzofuran	ND	mg/Kg	0.016	0.016	
			Fluoranthene	0.023	mg/Kg	0.016	0.0083	
			Fluorene	ND	mg/Kg	0.016	0.012	
			Indeno(1,2,3-cd)pyrene	0.018	mg/Kg	0.016	0.011	
			Naphthalene	ND	mg/Kg	0.016	0.015	
			Phenanthrene	0.024	mg/Kg	0.016	0.011	
			Pyrene	0.041	mg/Kg	0.016	0.0093	
		E200.8	Arsenic	25.7	mg/Kg	0.7	0.1	
		SW6010B	Aluminum	4640	mg/Kg	20	10	
			Antimony	250	mg/Kg	60	20	
			Barium	112	mg/Kg	3	0.5	
			Beryllium	ND	mg/Kg	1	0.3	
			Cadmium	7	mg/Kg	2	1	
			Calcium	1910	mg/Kg	60	0.3	
			Chromium	42	mg/Kg	6	1	
			Cobalt	38	mg/Kg	3	0.7	
			Copper	429	mg/Kg	2	2	
			Iron	483000	mg/Kg	20	7	
			Lead	630	mg/Kg	20	7	
			Magnesium	1030	mg/Kg	20	10	
			Manganese	970	mg/Kg	1	0.3	
			Nickel	110	mg/Kg	10	4	
			Potassium	970	mg/Kg	570	400	
			Selenium	ND	mg/Kg	60	10	
			Silver	ND	mg/Kg	3	0.8	
			Sodium	280	mg/Kg	60	20	
			Thallium	ND	mg/Kg	60	7	
			Vanadium	ND	mg/Kg	3	2	
			Zinc	1790	mg/Kg	7	3	

Summary of Analytical Results Site 9
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE09SD109	Sediment	SW7471A	Mercury	0.6	mg/Kg	0.2	0.07	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.092	0.0244	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.18	0.0293	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.092	0.0126	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.0979	0.0149	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.092	0.00979	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.146	0.0296	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.46	0.024	
		SW8260	1,1,1,2-Tetrachloroethane	ND	mg/Kg	0.081	0.032	
			1,1,1-Trichloroethane	ND	mg/Kg	0.081	0.022	
			1,1,2,2-Tetrachloroethane	ND	mg/Kg	0.081	0.053	
			1,1,2-Trichloro-1,2,2-trifluoroeth	ND	mg/Kg	0.081	0.019	
			1,1,2-Trichloroethane	ND	mg/Kg	0.081	0.023	
			1,1-Dichloroethane	ND	mg/Kg	0.081	0.029	
			1,1-Dichloroethene	ND	mg/Kg	0.081	0.025	
			1,1-Dichloropropene	ND	mg/Kg	0.081	0.023	
			1,2,3-Trichlorobenzene	ND	mg/Kg	0.4	0.037	
			1,2,3-Trichloropropane	ND	mg/Kg	0.16	0.047	
			1,2,4-Trichlorobenzene	ND	mg/Kg	0.4	0.035	
			1,2,4-Trimethylbenzene	ND	mg/Kg	0.081	0.031	
			1,2-Dibromo-3-chloropropan	ND	mg/Kg	0.4	0.058	
			1,2-Dibromoethane	ND	mg/Kg	0.081	0.024	
			1,2-Dichlorobenzene	ND	mg/Kg	0.081	0.035	
			1,2-Dichloroethane	ND	mg/Kg	0.081	0.017	
			1,2-Dichloropropane	ND	mg/Kg	0.081	0.019	
			1,3,5-Trimethylbenzene	ND	mg/Kg	0.081	0.033	
			1,3-Dichlorobenzene	ND	mg/Kg	0.081	0.029	
			1,3-Dichloropropane	ND	mg/Kg	0.081	0.032	
			1,4-Dichlorobenzene	ND	mg/Kg	0.081	0.031	
			2,2-Dichloropropane	ND	mg/Kg	0.081	0.028	
			2-Butanone	ND	mg/Kg	0.4	0.37	
			2-Chloroethyl vinyl ether	ND	mg/Kg	0.4	0.035	
			2-Chlorotoluene	ND	mg/Kg	0.081	0.05	
			2-Hexanone	ND	mg/Kg	0.4	0.32	
			4-Chlorotoluene	ND	mg/Kg	0.081	0.031	
			4-Isopropyltoluene	ND	mg/Kg	0.081	0.031	
			4-Methyl-2-pentanone	ND	mg/Kg	0.4	0.25	
			Acetone	ND	mg/Kg	0.4	0.37	
			Acrolein	ND	mg/Kg	4	0.51	
			Acrylamide	ND	mg/Kg	0.4	0.059	
			Benzene	ND	mg/Kg	0.081	0.02	
			Bromobenzene	ND	mg/Kg	0.081	0.032	
			Bromochloromethane	ND	mg/Kg	0.081	0.029	
			Bromodichloromethane	ND	mg/Kg	0.081	0.013	
			Bromoethane	ND	mg/Kg	0.16	0.034	
			Bromoform	ND	mg/Kg	0.081	0.025	
			Bromomethane	ND	mg/Kg	0.081	0.052	
			Carbon disulfide	ND	mg/Kg	0.081	0.023	
			Carbon tetrachloride	ND	mg/Kg	0.081	0.019	
			Chlorobenzene	ND	mg/Kg	0.081	0.027	
			Chloroethane	ND	mg/Kg	0.081	0.027	
			Chloroform	ND	mg/Kg	0.081	0.023	
			Chloromethane	ND	mg/Kg	0.081	0.022	
			cis-1,2-Dichloroethene	ND	mg/Kg	0.081	0.023	
			cis-1,3-Dichloropropene	ND	mg/Kg	0.081	0.019	
			Dibromochloromethane	ND	mg/Kg	0.081	0.022	
			Dibromomethane	ND	mg/Kg	0.081	0.022	
			Ethylbenzene	ND	mg/Kg	0.081	0.03	

Summary of Analytical Results Site 9
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE09SD109	Sediment	SW8260	Hexachlorobutadiene	ND	mg/Kg	0.4	0.11	
			Isopropylbenzene	ND	mg/Kg	0.081	0.034	
			m,p-Xylene (sum)	ND	mg/Kg	0.081	0.06	
			Methyl iodide	ND	mg/Kg	0.081	0.035	
			Methylene chloride	ND	mg/Kg	0.24	0.18	
			Naphthalene	ND	mg/Kg	0.4	0.058	
			n-Butylbenzene	ND	mg/Kg	0.16	0.035	
			n-Propylbenzene	ND	mg/Kg	0.081	0.031	
			o-Xylene	ND	mg/Kg	0.081	0.026	
			sec-Butylbenzene	ND	mg/Kg	0.081	0.039	
			Styrene	ND	mg/Kg	0.081	0.023	
			tert-Butylbenzene	ND	mg/Kg	0.081	0.035	
			Tetrachloroethene	ND	mg/Kg	0.081	0.041	
			Toluene	ND	mg/Kg	0.081	0.025	
			trans-1,2-Dichloroethene	ND	mg/Kg	0.081	0.025	
			trans-1,3-Dichloropropene	ND	mg/Kg	0.081	0.018	
			trans-1,4-Dichloro-2-butene	ND	mg/Kg	0.4	0.031	
			Trichloroethene	ND	mg/Kg	0.081	0.03	
			Trichlorofluoromethane	ND	mg/Kg	0.081	0.031	
			Vinyl acetate	ND	mg/Kg	0.4	0.055	
			Vinyl chloride	ND	mg/Kg	0.081	0.028	
01NE09SD113	Sediment	AK101	GRO	ND	mg/Kg	47.7	16.5	
		AK102	DRO	270	mg/Kg	15	2.7	
		AK103	RRO	1400	mg/Kg	30	30	VJ
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.036	0.036	VQQ
			Acenaphthene	ND	mg/Kg	0.036	0.024	VQQ
			Acenaphthylene	ND	mg/Kg	0.036	0.024	VQQ
			Anthracene	ND	mg/Kg	0.036	0.024	VQQ
			Benzo(a)anthracene	ND	mg/Kg	0.036	0.02	VQQ
			Benzo(a)pyrene	ND	mg/Kg	0.036	0.017	VQQ
			Benzo(b)fluoranthene	ND	mg/Kg	0.036	0.023	VQQ
			Benzo(g,h,i)perylene	ND	mg/Kg	0.036	0.02	VQQ
			Benzo(k)fluoranthene	ND	mg/Kg	0.036	0.018	VQQ
			Chrysene	ND	mg/Kg	0.036	0.017	VQQ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.036	0.017	VQQ
			Dibenzofuran	ND	mg/Kg	0.036	0.036	VQQ
			Fluoranthene	ND	mg/Kg	0.036	0.018	VQQ
			Fluorene	ND	mg/Kg	0.036	0.027	VQQ
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.036	0.025	VQQ
			Naphthalene	ND	mg/Kg	0.036	0.034	VQQ
			Phenanthrene	ND	mg/Kg	0.036	0.023	VQQ
			Pyrene	ND	mg/Kg	0.036	0.02	VQQ
		DU	Total Organic Carbon (TOC	28	ERCEN	0.046	0.005	
		E160.3	Total Solids	12.7	ERCEN	0.01	0.01	
		E200.8	Arsenic	10	mg/Kg	1	0.2	
		SW6010B	Aluminum	18600	mg/Kg	10	6	
			Antimony	ND	mg/Kg	30	7	
			Barium	105	mg/Kg	2	0.2	
			Beryllium	3.8	mg/Kg	0.5	0.2	
			Cadmium	1	mg/Kg	1	0.4	
			Calcium	3140	mg/Kg	30	0.2	
			Chromium	19	mg/Kg	3	0.7	
			Cobalt	6	mg/Kg	2	0.3	
			Copper	23	mg/Kg	1	1	
			Iron	19600	mg/Kg	10	3	
			Lead	100	mg/Kg	10	3	
			Magnesium	3050	mg/Kg	10	4	
			Manganese	107	mg/Kg	0.5	0.2	

Summary of Analytical Results Site 9
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE09SD113	Sediment	SW6010B	Nickel	13	mg/Kg	5	2	
			Potassium	1000	mg/Kg	260	200	
			Selenium	ND	mg/Kg	30	5	
			Silver	ND	mg/Kg	2	0.4	
			Sodium	210	mg/Kg	30	8	
			Thallium	ND	mg/Kg	30	3	
			Vanadium	35	mg/Kg	2	0.9	
			Zinc	58	mg/Kg	3	1	
		SW7471A	Mercury	ND	mg/Kg	0.2	0.06	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.2	0.0542	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.41	0.065	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.2	0.028	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.2	0.0331	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.2	0.0217	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.2	0.0656	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.2	0.0532	
		SW8260	1,1,1,2-Tetrachloroethane	ND	mg/Kg	0.27	0.11	
			1,1,1-Trichloroethane	ND	mg/Kg	0.27	0.073	
			1,1,2,2-Tetrachloroethane	ND	mg/Kg	0.27	0.18	
			1,1,2-Trichloro-1,2,2-trifluoroeth	ND	mg/Kg	0.27	0.062	
			1,1,2-Trichloroethane	ND	mg/Kg	0.27	0.076	
			1,1-Dichloroethane	ND	mg/Kg	0.27	0.098	
			1,1-Dichloroethene	ND	mg/Kg	0.27	0.084	
			1,1-Dichloropropene	ND	mg/Kg	0.27	0.079	
			1,2,3-Trichlorobenzene	ND	mg/Kg	1.4	0.12	
			1,2,3-Trichloropropane	ND	mg/Kg	0.54	0.16	
			1,2,4-Trichlorobenzene	ND	mg/Kg	1.4	0.12	
			1,2,4-Trimethylbenzene	ND	mg/Kg	0.27	0.1	
			1,2-Dibromo-3-chloropropan	ND	mg/Kg	1.4	0.2	
			1,2-Dibromoethane	ND	mg/Kg	0.27	0.082	
			1,2-Dichlorobenzene	ND	mg/Kg	0.27	0.12	
			1,2-Dichloroethane	ND	mg/Kg	0.27	0.057	
			1,2-Dichloropropane	ND	mg/Kg	0.27	0.062	
			1,3,5-Trimethylbenzene	ND	mg/Kg	0.27	0.11	
			1,3-Dichlorobenzene	ND	mg/Kg	0.27	0.098	
			1,3-Dichloropropane	ND	mg/Kg	0.27	0.11	
			1,4-Dichlorobenzene	ND	mg/Kg	0.27	0.11	
			2,2-Dichloropropane	ND	mg/Kg	0.27	0.095	
			2-Butanone	ND	mg/Kg	1.4	1.3	
			2-Chloroethyl vinyl ether	ND	mg/Kg	1.4	0.12	
			2-Chlorotoluene	ND	mg/Kg	0.27	0.17	
			2-Hexanone	ND	mg/Kg	1.4	1.1	
			4-Chlorotoluene	ND	mg/Kg	0.27	0.1	
			4-Isopropyltoluene	ND	mg/Kg	0.27	0.11	
			4-Methyl-2-pentanone	ND	mg/Kg	1.4	0.84	
			Acetone	1.6	mg/Kg	1.4	1.3	
			Acrolein	ND	mg/Kg	14	1.7	
			Acrylamide	ND	mg/Kg	1.4	0.2	
			Benzene	ND	mg/Kg	0.27	0.068	
			Bromobenzene	ND	mg/Kg	0.27	0.11	
			Bromochloromethane	ND	mg/Kg	0.27	0.098	
			Bromodichloromethane	ND	mg/Kg	0.27	0.043	
			Bromoethane	ND	mg/Kg	0.54	0.11	
			Bromoform	ND	mg/Kg	0.27	0.084	
			Bromomethane	ND	mg/Kg	0.27	0.18	
			Carbon disulfide	ND	mg/Kg	0.27	0.079	
			Carbon tetrachloride	ND	mg/Kg	0.27	0.062	
			Chlorobenzene	ND	mg/Kg	0.27	0.092	

Summary of Analytical Results Site 9
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE09SD113	Sediment	SW8260	Chloroethane	ND	mg/Kg	0.27	0.092	
			Chloroform	ND	mg/Kg	0.27	0.076	
			Chloromethane	ND	mg/Kg	0.27	0.073	
			cis-1,2-Dichloroethene	ND	mg/Kg	0.27	0.076	
			cis-1,3-Dichloropropene	ND	mg/Kg	0.27	0.062	
			Dibromochloromethane	ND	mg/Kg	0.27	0.073	
			Dibromomethane	ND	mg/Kg	0.27	0.073	
			Ethylbenzene	ND	mg/Kg	0.27	0.1	
			Hexachlorobutadiene	ND	mg/Kg	1.4	0.36	
			Isopropylbenzene	ND	mg/Kg	0.27	0.11	
			m,p-Xylene (sum)	ND	mg/Kg	0.27	0.2	
			Methyl iodide	ND	mg/Kg	0.27	0.12	
			Methylene chloride	ND	mg/Kg	0.82	0.61	
			Naphthalene	ND	mg/Kg	1.4	0.2	
			n-Butylbenzene	ND	mg/Kg	0.54	0.12	
			n-Propylbenzene	ND	mg/Kg	0.27	0.1	
			o-Xylene	ND	mg/Kg	0.27	0.087	
			sec-Butylbenzene	ND	mg/Kg	0.27	0.13	
			Styrene	ND	mg/Kg	0.27	0.076	
			tert-Butylbenzene	ND	mg/Kg	0.27	0.12	
			Tetrachloroethene	ND	mg/Kg	0.27	0.14	
			Toluene	ND	mg/Kg	0.27	0.084	
			trans-1,2-Dichloroethene	ND	mg/Kg	0.27	0.084	
			trans-1,3-Dichloropropene	ND	mg/Kg	0.27	0.06	
			trans-1,4-Dichloro-2-butene	ND	mg/Kg	1.4	0.1	
			Trichloroethene	ND	mg/Kg	0.27	0.1	
			Trichlorofluoromethane	ND	mg/Kg	0.27	0.11	
			Vinyl acetate	ND	mg/Kg	1.4	0.18	
			Vinyl chloride	ND	mg/Kg	0.27	0.095	
01NE09SD114	Sediment	AK102	DRO	93	mg/Kg	15	2.6	
		AK103	RRO	740	mg/Kg	29	29	VJ
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.035	0.035	
			Acenaphthene	ND	mg/Kg	0.035	0.024	
			Acenaphthylene	ND	mg/Kg	0.035	0.023	
			Anthracene	ND	mg/Kg	0.035	0.023	
			Benzo(a)anthracene	ND	mg/Kg	0.035	0.019	
			Benzo(a)pyrene	ND	mg/Kg	0.035	0.017	
			Benzo(b)fluoranthene	ND	mg/Kg	0.035	0.023	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.035	0.019	
			Benzo(k)fluoranthene	ND	mg/Kg	0.035	0.017	
			Chrysene	ND	mg/Kg	0.035	0.016	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.035	0.017	
			Dibenzofuran	ND	mg/Kg	0.035	0.035	
			Fluoranthene	ND	mg/Kg	0.035	0.018	
			Fluorene	ND	mg/Kg	0.035	0.026	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.035	0.024	
			Naphthalene	ND	mg/Kg	0.035	0.033	
			Phenanthrene	ND	mg/Kg	0.035	0.023	
			Pyrene	ND	mg/Kg	0.035	0.02	
		DU	Total Organic Carbon (TOC	18	ERCEN	0.005	0.005	
		E160.3	Total Solids	9.97	ERCEN	0.01	0.01	
		E200.8	Arsenic	6	mg/Kg	1	0.2	
		SW6010B	Aluminum	15300	mg/Kg	10	7	
			Antimony	ND	mg/Kg	30	9	
			Barium	71	mg/Kg	2	0.2	
			Beryllium	1.6	mg/Kg	0.6	0.2	
			Cadmium	ND	mg/Kg	1	0.5	
			Calcium	4940	mg/Kg	30	0.2	

Summary of Analytical Results Site 9
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE09SD114	Sediment	SW6010B	Chromium	16	mg/Kg	3	0.8	
			Cobalt	5	mg/Kg	2	0.4	
			Copper	16	mg/Kg	1	1	
			Iron	13000	mg/Kg	10	4	
			Lead	40	mg/Kg	10	4	
			Magnesium	2920	mg/Kg	10	5	
			Manganese	247	mg/Kg	0.6	0.2	
			Nickel	10	mg/Kg	6	2	
			Potassium	650	mg/Kg	310	200	
			Selenium	ND	mg/Kg	30	6	
			Silver	ND	mg/Kg	2	0.4	
			Sodium	240	mg/Kg	30	9	
			Thallium	ND	mg/Kg	30	4	
			Vanadium	24	mg/Kg	2	1	
			Zinc	38	mg/Kg	4	2	
		SW7471A	Mercury	ND	mg/Kg	0.3	0.09	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.2	0.0521	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.39	0.0624	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.2	0.0269	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.2	0.0318	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.2	0.0209	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.2	0.063	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.2	0.0511	
		SW8260	1,1,1,2-Tetrachloroethane	ND	mg/Kg	0.44	0.18	
			1,1,1-Trichloroethane	ND	mg/Kg	0.44	0.12	
			1,1,2,2-Tetrachloroethane	ND	mg/Kg	0.44	0.29	
			1,1,2-Trichloro-1,2,2-trifluoroeth	ND	mg/Kg	0.44	0.1	
			1,1,2-Trichloroethane	ND	mg/Kg	0.44	0.12	
			1,1-Dichloroethane	ND	mg/Kg	0.44	0.16	
			1,1-Dichloroethene	ND	mg/Kg	0.44	0.14	
			1,1-Dichloropropene	ND	mg/Kg	0.44	0.13	
			1,2,3-Trichlorobenzene	ND	mg/Kg	2.2	0.2	
			1,2,3-Trichloropropane	ND	mg/Kg	0.88	0.26	
			1,2,4-Trichlorobenzene	ND	mg/Kg	2.2	0.19	
			1,2,4-Trimethylbenzene	ND	mg/Kg	0.44	0.17	
			1,2-Dibromo-3-chloropropan	ND	mg/Kg	2.2	0.32	
			1,2-Dibromoethane	ND	mg/Kg	0.44	0.13	
			1,2-Dichlorobenzene	ND	mg/Kg	0.44	0.19	
			1,2-Dichloroethane	ND	mg/Kg	0.44	0.093	
			1,2-Dichloropropane	ND	mg/Kg	0.44	0.1	
			1,3,5-Trimethylbenzene	ND	mg/Kg	0.44	0.18	
			1,3-Dichlorobenzene	ND	mg/Kg	0.44	0.16	
			1,3-Dichloropropane	ND	mg/Kg	0.44	0.18	
			1,4-Dichlorobenzene	ND	mg/Kg	0.44	0.17	
			2,2-Dichloropropane	ND	mg/Kg	0.44	0.15	
			2-Butanone	ND	mg/Kg	2.2	2	
			2-Chloroethyl vinyl ether	ND	mg/Kg	2.2	0.19	
			2-Chlorotoluene	ND	mg/Kg	0.44	0.27	
			2-Hexanone	ND	mg/Kg	2.2	1.7	
			4-Chlorotoluene	ND	mg/Kg	0.44	0.17	
			4-Isopropyltoluene	ND	mg/Kg	0.44	0.17	
			4-Methyl-2-pentanone	ND	mg/Kg	2.2	1.4	
			Acetone	ND	mg/Kg	2.2	2.1	
			Acrolein	ND	mg/Kg	22	2.8	
			Acrylamide	ND	mg/Kg	2.2	0.32	
			Benzene	ND	mg/Kg	0.44	0.11	
			Bromobenzene	ND	mg/Kg	0.44	0.18	
			Bromochloromethane	ND	mg/Kg	0.44	0.16	

Summary of Analytical Results Site 9
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE09SD114	Sediment	SW8260	Bromodichloromethane	ND	mg/Kg	0.44	0.071	
			Bromoethane	ND	mg/Kg	0.88	0.19	
			Bromoform	ND	mg/Kg	0.44	0.14	
			Bromomethane	ND	mg/Kg	0.44	0.29	
			Carbon disulfide	ND	mg/Kg	0.44	0.13	
			Carbon tetrachloride	ND	mg/Kg	0.44	0.1	
			Chlorobenzene	ND	mg/Kg	0.44	0.15	
			Chloroethane	ND	mg/Kg	0.44	0.15	
			Chloroform	ND	mg/Kg	0.44	0.12	
			Chloromethane	ND	mg/Kg	0.44	0.12	
			cis-1,2-Dichloroethene	ND	mg/Kg	0.44	0.12	
			cis-1,3-Dichloropropene	ND	mg/Kg	0.44	0.1	
			Dibromochloromethane	ND	mg/Kg	0.44	0.12	
			Dibromomethane	ND	mg/Kg	0.44	0.12	
			Ethylbenzene	ND	mg/Kg	0.44	0.16	
			Hexachlorobutadiene	ND	mg/Kg	2.2	0.59	
			Isopropylbenzene	ND	mg/Kg	0.44	0.19	
			m,p-Xylene (sum)	ND	mg/Kg	0.44	0.33	
			Methyl iodide	ND	mg/Kg	0.44	0.19	
			Methylene chloride	ND	mg/Kg	1.3	0.99	
			Naphthalene	ND	mg/Kg	2.2	0.32	
			n-Butylbenzene	ND	mg/Kg	0.88	0.19	
			n-Propylbenzene	ND	mg/Kg	0.44	0.17	
			o-Xylene	ND	mg/Kg	0.44	0.14	
			sec-Butylbenzene	ND	mg/Kg	0.44	0.22	
			Styrene	ND	mg/Kg	0.44	0.12	
			tert-Butylbenzene	ND	mg/Kg	0.44	0.19	
			Tetrachloroethene	ND	mg/Kg	0.44	0.23	
			Toluene	ND	mg/Kg	0.44	0.14	
			trans-1,2-Dichloroethene	ND	mg/Kg	0.44	0.14	
			trans-1,3-Dichloropropene	ND	mg/Kg	0.44	0.097	
			trans-1,4-Dichloro-2-butene	ND	mg/Kg	2.2	0.17	
			Trichloroethene	ND	mg/Kg	0.44	0.16	
			Trichlorofluoromethane	ND	mg/Kg	0.44	0.17	
			Vinyl acetate	ND	mg/Kg	2.2	0.3	
			Vinyl chloride	ND	mg/Kg	0.44	0.15	
01NE09SD213	Sediment	AK102	DRO	120	mg/Kg	8.1	1.5	
		AK103	RRO	680	mg/Kg	16	16	VJ
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.019	0.019	
			Acenaphthene	ND	mg/Kg	0.019	0.013	
			Acenaphthylene	ND	mg/Kg	0.019	0.013	
			Anthracene	ND	mg/Kg	0.019	0.013	
			Benzo(a)anthracene	ND	mg/Kg	0.019	0.011	
			Benzo(a)pyrene	ND	mg/Kg	0.019	0.0094	
			Benzo(b)fluoranthene	ND	mg/Kg	0.019	0.013	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.019	0.011	
			Benzo(k)fluoranthene	ND	mg/Kg	0.019	0.0096	
			Chrysene	ND	mg/Kg	0.019	0.0091	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.019	0.0094	
			Dibenzofuran	ND	mg/Kg	0.019	0.019	
			Fluoranthene	ND	mg/Kg	0.019	0.0099	
			Fluorene	ND	mg/Kg	0.019	0.015	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.019	0.013	
			Naphthalene	ND	mg/Kg	0.019	0.018	
			Phenanthrene	ND	mg/Kg	0.019	0.013	
			Pyrene	ND	mg/Kg	0.019	0.011	
		E200.8	Arsenic	7.2	mg/Kg	0.9	0.2	
		SW6010B	Aluminum	17400	mg/Kg	10	7	

Summary of Analytical Results Site 9
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE09SD213	Sediment	SW6010B	Antimony	ND	mg/Kg	30	9	
			Barium	92	mg/Kg	2	0.2	
			Beryllium	3.3	mg/Kg	0.6	0.2	
			Cadmium	ND	mg/Kg	1	0.5	
			Calcium	3540	mg/Kg	30	0.2	
			Chromium	21	mg/Kg	3	0.8	
			Cobalt	6	mg/Kg	2	0.4	
			Copper	25	mg/Kg	1	1	
			Iron	22500	mg/Kg	10	4	
			Lead	340	mg/Kg	10	4	
			Magnesium	3390	mg/Kg	10	5	
			Manganese	132	mg/Kg	0.6	0.2	
			Nickel	10	mg/Kg	6	2	
			Potassium	1120	mg/Kg	310	200	
			Selenium	ND	mg/Kg	30	6	
			Silver	ND	mg/Kg	2	0.4	
			Sodium	290	mg/Kg	30	9	
			Thallium	ND	mg/Kg	30	4	
			Vanadium	41	mg/Kg	2	1	
			Zinc	58	mg/Kg	4	2	
		SW7471A	Mercury	ND	mg/Kg	0.2	0.07	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.11	0.0288	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.22	0.0345	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.11	0.0149	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.11	0.0176	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.11	0.0115	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.11	0.0348	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.11	0.0282	
		SW8260	1,1,1,2-Tetrachloroethane	ND	mg/Kg	0.098	0.039	
			1,1,1-Trichloroethane	ND	mg/Kg	0.098	0.026	
			1,1,2,2-Tetrachloroethane	ND	mg/Kg	0.098	0.065	
			1,1,2-Trichloro-1,2,2-trifluoroeth	ND	mg/Kg	0.098	0.023	
			1,1,2-Trichloroethane	ND	mg/Kg	0.098	0.027	
			1,1-Dichloroethane	ND	mg/Kg	0.098	0.035	
			1,1-Dichloroethene	ND	mg/Kg	0.098	0.03	
			1,1-Dichloropropene	ND	mg/Kg	0.098	0.028	
			1,2,3-Trichlorobenzene	ND	mg/Kg	0.49	0.045	
			1,2,3-Trichloropropane	ND	mg/Kg	0.2	0.057	
			1,2,4-Trichlorobenzene	ND	mg/Kg	0.49	0.043	
			1,2,4-Trimethylbenzene	ND	mg/Kg	0.098	0.037	
			1,2-Dibromo-3-chloropropan	ND	mg/Kg	0.49	0.07	
			1,2-Dibromoethane	ND	mg/Kg	0.098	0.029	
			1,2-Dichlorobenzene	ND	mg/Kg	0.098	0.042	
			1,2-Dichloroethane	ND	mg/Kg	0.098	0.021	
			1,2-Dichloropropane	ND	mg/Kg	0.098	0.023	
			1,3,5-Trimethylbenzene	ND	mg/Kg	0.098	0.04	
			1,3-Dichlorobenzene	ND	mg/Kg	0.098	0.035	
			1,3-Dichloropropane	ND	mg/Kg	0.098	0.039	
			1,4-Dichlorobenzene	ND	mg/Kg	0.098	0.038	
			2,2-Dichloropropane	ND	mg/Kg	0.098	0.034	
			2-Butanone	ND	mg/Kg	0.49	0.45	
			2-Chloroethyl vinyl ether	ND	mg/Kg	0.49	0.043	
			2-Chlorotoluene	ND	mg/Kg	0.098	0.061	
			2-Hexanone	ND	mg/Kg	0.49	0.38	
			4-Chlorotoluene	ND	mg/Kg	0.098	0.037	
			4-Isopropyltoluene	ND	mg/Kg	0.098	0.038	
			4-Methyl-2-pentanone	ND	mg/Kg	0.49	0.3	
			Acetone	0.58	mg/Kg	0.49	0.45	

Summary of Analytical Results Site 9
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE09SD213	Sediment	SW8260	Acrolein	ND	mg/Kg	4.9	0.62	
			Acrylamide	ND	mg/Kg	0.49	0.071	
			Benzene	ND	mg/Kg	0.098	0.024	
			Bromobenzene	ND	mg/Kg	0.098	0.039	
			Bromochloromethane	ND	mg/Kg	0.098	0.035	
			Bromodichloromethane	ND	mg/Kg	0.098	0.016	
			Bromoethane	ND	mg/Kg	0.2	0.041	
			Bromoform	ND	mg/Kg	0.098	0.03	
			Bromomethane	ND	mg/Kg	0.098	0.064	
			Carbon disulfide	ND	mg/Kg	0.098	0.028	
			Carbon tetrachloride	ND	mg/Kg	0.098	0.023	
			Chlorobenzene	ND	mg/Kg	0.098	0.033	
			Chloroethane	ND	mg/Kg	0.098	0.033	
			Chloroform	ND	mg/Kg	0.098	0.027	
			Chloromethane	ND	mg/Kg	0.098	0.026	
			cis-1,2-Dichloroethene	ND	mg/Kg	0.098	0.027	
			cis-1,3-Dichloropropene	ND	mg/Kg	0.098	0.023	
			Dibromochloromethane	ND	mg/Kg	0.098	0.026	
			Dibromomethane	ND	mg/Kg	0.098	0.026	
			Ethylbenzene	ND	mg/Kg	0.098	0.036	
			Hexachlorobutadiene	ND	mg/Kg	0.49	0.13	
			Isopropylbenzene	ND	mg/Kg	0.098	0.041	
			m,p-Xylene (sum)	ND	mg/Kg	0.098	0.072	
			Methyl iodide	ND	mg/Kg	0.098	0.043	
			Methylene chloride	ND	mg/Kg	0.29	0.22	
			Naphthalene	ND	mg/Kg	0.49	0.07	
			n-Butylbenzene	ND	mg/Kg	0.2	0.042	
			n-Propylbenzene	ND	mg/Kg	0.098	0.037	
			o-Xylene	ND	mg/Kg	0.098	0.031	
			sec-Butylbenzene	ND	mg/Kg	0.098	0.048	
			Styrene	ND	mg/Kg	0.098	0.027	
			tert-Butylbenzene	ND	mg/Kg	0.098	0.043	
			Tetrachloroethene	ND	mg/Kg	0.098	0.05	
			Toluene	ND	mg/Kg	0.098	0.03	
			trans-1,2-Dichloroethene	ND	mg/Kg	0.098	0.03	
			trans-1,3-Dichloropropene	ND	mg/Kg	0.098	0.022	
			trans-1,4-Dichloro-2-butene	ND	mg/Kg	0.49	0.037	
			Trichloroethene	ND	mg/Kg	0.098	0.036	
			Trichlorofluoromethane	ND	mg/Kg	0.098	0.038	
			Vinyl acetate	ND	mg/Kg	0.49	0.067	
			Vinyl chloride	ND	mg/Kg	0.098	0.034	
01NE09SS171	Surface soil	AK101	GRO	ND	mg/Kg	5	0.865	
		SW8260 SIM	Benzene	ND	mg/Kg	0.0025	0.0025	
			Ethylbenzene	ND	mg/Kg	0.0025	0.0012	
			m,p-Xylene (sum)	ND	mg/Kg	0.005	0.005	
			o-Xylene	ND	mg/Kg	0.0025	0.0021	
			Toluene	0.009	mg/Kg	0.0025	0.0024	
01NE09SW107	Surface Water	AK101	GRO	ND	mg/L	0.25	0.1	
		AK102	DRO	ND	mg/L	0.25	0.02	
		AK103	RRO	ND	mg/L	0.5	0.5	VQQ
		SW8270 SIM	2-Methylnaphthalene	ND	mg/L	0.00005	0.00005	
			Acenaphthene	ND	mg/L	0.00005	0.00004	
			Acenaphthylene	ND	mg/L	0.00005	0.00005	
			Anthracene	ND	mg/L	0.00005	0.00002	
			Benzo(a)anthracene	ND	mg/L	0.00005	0.00002	
			Benzo(a)pyrene	ND	mg/L	0.00005	0.00001	
			Benzo(b)fluoranthene	ND	mg/L	0.00005	0.00002	
			Benzo(g,h,i)perylene	ND	mg/L	0.00005	0.00004	

Summary of Analytical Results Site 9
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE09SW107	Surface Water	SW8270 SIM	Benzo(k)fluoranthene	ND	mg/L	0.00005	0.00002	
			Chrysene	ND	mg/L	0.00005	0.00001	
			Dibenzo(a,h)anthracene	ND	mg/L	0.00005	0.00005	
			Dibenzofuran	ND	mg/L	0.00005	0.00005	
			Fluoranthene	ND	mg/L	0.00005	0.00005	
			Fluorene	ND	mg/L	0.00005	0.00005	
			Indeno(1,2,3-cd)pyrene	ND	mg/L	0.00005	0.00004	
			Naphthalene	ND	mg/L	0.00005	0.00005	
			Phenanthrene	ND	mg/L	0.00005	0.00004	
			Pyrene	ND	mg/L	0.00005	0.00005	
		SW6010B	Aluminum	0.05	mg/L	0.02	0.012	
			Antimony	ND	mg/L	0.05	0.014	
			Barium	0.005	mg/L	0.003	0.0004	
			Beryllium	ND	mg/L	0.001	0.0003	
			Cadmium	ND	mg/L	0.002	0.00084	
			Calcium	1.74	mg/L	0.05	0.0003	
			Chromium	ND	mg/L	0.005	0.0013	
			Cobalt	ND	mg/L	0.003	0.0006	
			Copper	ND	mg/L	0.002	0.002	
			Iron	0.12	mg/L	0.02	0.0063	
			Magnesium	0.85	mg/L	0.02	0.0084	
			Manganese	0.006	mg/L	0.001	0.0003	
			Nickel	ND	mg/L	0.01	0.0034	
			Potassium	ND	mg/L	0.5	0.38	
			Silver	ND	mg/L	0.003	0.0007	
			Sodium	4	mg/L	0.05	0.015	
			Vanadium	ND	mg/L	0.003	0.0017	
			Zinc	ND	mg/L	0.006	0.0029	
		SW7060A	Arsenic	ND	mg/L	0.001	0.00054	
		SW7421	Lead	ND	mg/L	0.001	0.00086	
		SW7470A	Mercury	ND	mg/L	0.0001	0.00003	
		SW7740	Selenium	ND	mg/L	0.002	0.00083	
		SW7841	Thallium	ND	mg/L	0.001	0.00081	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/L	0.001	0.00027	
			PCB-1221 (Aroclor 1221)	ND	mg/L	0.002	0.00025	
			PCB-1232 (Aroclor 1232)	ND	mg/L	0.001	0.00026	
			PCB-1242 (Aroclor 1242)	ND	mg/L	0.001	0.00021	
			PCB-1248 (Aroclor 1248)	ND	mg/L	0.001	0.00025	
			PCB-1254 (Aroclor 1254)	ND	mg/L	0.001	0.0003	
			PCB-1260 (Aroclor 1260)	ND	mg/L	0.001	0.00032	
		SW8260	1,1,1,2-Tetrachloroethane	ND	mg/L	0.001	0.00026	
			1,1,1-Trichloroethane	ND	mg/L	0.001	0.0004	
			1,1,2,2-Tetrachloroethane	ND	mg/L	0.001	0.00032	
			1,1,2-Trichloro-1,2,2-trifluoroeth	ND	mg/L	0.002	0.0003	
			1,1,2-Trichloroethane	ND	mg/L	0.001	0.00039	
			1,1-Dichloroethane	ND	mg/L	0.001	0.00049	
			1,1-Dichloroethene	ND	mg/L	0.001	0.00049	
			1,1-Dichloropropene	ND	mg/L	0.001	0.00028	
			1,2,3-Trichlorobenzene	ND	mg/L	0.005	0.00035	
			1,2,3-Trichloropropane	ND	mg/L	0.003	0.00092	
			1,2,4-Trichlorobenzene	ND	mg/L	0.005	0.00049	
			1,2,4-Trimethylbenzene	ND	mg/L	0.001	0.00034	
			1,2-Dibromo-3-chloropropan	ND	mg/L	0.005	0.00097	
			1,2-Dibromoethane	ND	mg/L	0.001	0.00033	
			1,2-Dichlorobenzene	ND	mg/L	0.001	0.00038	
			1,2-Dichloroethane	ND	mg/L	0.001	0.00037	
			1,2-Dichloropropane	ND	mg/L	0.001	0.00042	
			1,3,5-Trimethylbenzene	ND	mg/L	0.001	0.00043	

Summary of Analytical Results Site 9
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE09SW107	Surface Water	SW8260	1,3-Dichlorobenzene	ND	mg/L	0.001	0.00044	
			1,3-Dichloropropane	ND	mg/L	0.001	0.00024	
			1,4-Dichlorobenzene	ND	mg/L	0.001	0.0004	
			2,2-Dichloropropane	ND	mg/L	0.001	0.00037	
			2-Butanone	ND	mg/L	0.005	0.0028	
			2-Chloroethyl vinyl ether	ND	mg/L	0.005	0.00019	
			2-Chlorotoluene	ND	mg/L	0.001	0.00046	
			2-Hexanone	ND	mg/L	0.005	0.0011	
			4-Chlorotoluene	ND	mg/L	0.001	0.00059	
			4-Isopropyltoluene	ND	mg/L	0.001	0.00026	
			4-Methyl-2-pentanone	ND	mg/L	0.005	0.0014	
			Acetone	ND	mg/L	0.005	0.003	
			Acrolein	ND	mg/L	0.05	0.0041	
			Acrylamide	ND	mg/L	0.001	0.00078	
			Benzene	ND	mg/L	0.001	0.00043	
			Bromobenzene	ND	mg/L	0.001	0.00058	
			Bromochloromethane	ND	mg/L	0.001	0.00058	
			Bromodichloromethane	ND	mg/L	0.001	0.00034	
			Bromoethane	ND	mg/L	0.002	0.00064	
			Bromoform	ND	mg/L	0.001	0.00031	
			Bromomethane	ND	mg/L	0.001	0.00058	
			Carbon disulfide	ND	mg/L	0.001	0.00036	
			Carbon tetrachloride	ND	mg/L	0.001	0.00045	
			Chlorobenzene	ND	mg/L	0.001	0.00036	
			Chloroethane	ND	mg/L	0.001	0.00051	
			Chloroform	ND	mg/L	0.001	0.00053	
			Chloromethane	ND	mg/L	0.001	0.00056	
			cis-1,2-Dichloroethene	ND	mg/L	0.001	0.00039	
			cis-1,3-Dichloropropene	ND	mg/L	0.001	0.00027	
			Dibromochloromethane	ND	mg/L	0.001	0.00024	
			Dibromomethane	ND	mg/L	0.001	0.00053	
			Ethylbenzene	ND	mg/L	0.001	0.00035	
			Hexachlorobutadiene	ND	mg/L	0.005	0.00058	
			Isopropylbenzene	ND	mg/L	0.001	0.00037	
			m,p-Xylene (sum)	ND	mg/L	0.001	0.00061	
			Methyl iodide	ND	mg/L	0.001	0.00061	
			Methylene chloride	ND	mg/L	0.002	0.00069	
			Naphthalene	ND	mg/L	0.005	0.00028	
			n-Butylbenzene	ND	mg/L	0.001	0.00026	
			n-Propylbenzene	ND	mg/L	0.001	0.00043	
			o-Xylene	ND	mg/L	0.001	0.00035	
			sec-Butylbenzene	ND	mg/L	0.001	0.00025	
			Styrene	ND	mg/L	0.001	0.00028	
			tert-Butylbenzene	ND	mg/L	0.001	0.00035	
			Tetrachloroethene	ND	mg/L	0.001	0.00031	
			Toluene	ND	mg/L	0.001	0.00042	
			trans-1,2-Dichloroethene	ND	mg/L	0.001	0.00054	
			trans-1,3-Dichloropropene	ND	mg/L	0.001	0.00026	
			trans-1,4-Dichloro-2-butene	ND	mg/L	0.005	0.0003	
			Trichloroethene	ND	mg/L	0.001	0.00042	
			Trichlorofluoromethane	ND	mg/L	0.001	0.00029	
			Vinyl acetate	ND	mg/L	0.005	0.0004	
			Vinyl chloride	ND	mg/L	0.001	0.0004	
01NE09SW108	Surface Water	AK101	GRO	ND	mg/L	0.25	0.1	
		AK102	DRO	ND	mg/L	0.25	0.02	
		AK103	RRO	ND	mg/L	0.5	0.5	VQQ
		SW8270 SIM	2-Methylnaphthalene	ND	mg/L	0.00005	0.00005	
			Acenaphthene	ND	mg/L	0.00005	0.00004	

Summary of Analytical Results Site 9
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE09SW108	Surface Water	SW8270 SIM	Acenaphthylene	ND	mg/L	0.00005	0.00005	
			Anthracene	ND	mg/L	0.00005	0.00002	
			Benzo(a)anthracene	ND	mg/L	0.00005	0.00002	
			Benzo(a)pyrene	ND	mg/L	0.00005	0.00001	
			Benzo(b)fluoranthene	ND	mg/L	0.00005	0.00002	
			Benzo(g,h,i)perylene	ND	mg/L	0.00005	0.00004	
			Benzo(k)fluoranthene	ND	mg/L	0.00005	0.00002	
			Chrysene	ND	mg/L	0.00005	0.00001	
			Dibenzo(a,h)anthracene	ND	mg/L	0.00005	0.00005	
			Dibenzofuran	ND	mg/L	0.00005	0.00005	
			Fluoranthene	ND	mg/L	0.00005	0.00005	
			Fluorene	ND	mg/L	0.00005	0.00005	
			Indeno(1,2,3-cd)pyrene	ND	mg/L	0.00005	0.00004	
			Naphthalene	ND	mg/L	0.00005	0.00005	
			Phenanthrene	ND	mg/L	0.00005	0.00004	
			Pyrene	ND	mg/L	0.00005	0.00005	
		SW6010B	Aluminum	0.13	mg/L	0.02	0.012	
			Antimony	ND	mg/L	0.05	0.014	
			Barium	0.005	mg/L	0.003	0.0004	
			Beryllium	ND	mg/L	0.001	0.0003	
			Cadmium	ND	mg/L	0.002	0.00084	
			Calcium	1.65	mg/L	0.05	0.0003	
			Chromium	ND	mg/L	0.005	0.0013	
			Cobalt	ND	mg/L	0.003	0.0006	
			Copper	ND	mg/L	0.002	0.002	
			Iron	0.31	mg/L	0.02	0.0063	
			Magnesium	0.85	mg/L	0.02	0.0084	
			Manganese	0.008	mg/L	0.001	0.0003	
			Nickel	ND	mg/L	0.01	0.0034	
			Potassium	ND	mg/L	0.5	0.38	
			Silver	ND	mg/L	0.003	0.0007	
			Sodium	4.02	mg/L	0.05	0.015	
			Vanadium	ND	mg/L	0.003	0.0017	
			Zinc	ND	mg/L	0.006	0.0029	
		SW7060A	Arsenic	ND	mg/L	0.001	0.00054	
		SW7421	Lead	ND	mg/L	0.001	0.00086	
		SW7470A	Mercury	ND	mg/L	0.0001	0.00003	
		SW7740	Selenium	ND	mg/L	0.002	0.00083	
		SW7841	Thallium	ND	mg/L	0.001	0.00081	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/L	0.001	0.00027	
			PCB-1221 (Aroclor 1221)	ND	mg/L	0.002	0.00025	
			PCB-1232 (Aroclor 1232)	ND	mg/L	0.001	0.00026	
			PCB-1242 (Aroclor 1242)	ND	mg/L	0.001	0.00021	
			PCB-1248 (Aroclor 1248)	ND	mg/L	0.001	0.00025	
			PCB-1254 (Aroclor 1254)	ND	mg/L	0.001	0.0003	
			PCB-1260 (Aroclor 1260)	ND	mg/L	0.001	0.00032	
		SW8260	1,1,1,2-Tetrachloroethane	ND	mg/L	0.001	0.00026	
			1,1,1-Trichloroethane	ND	mg/L	0.001	0.0004	
			1,1,2,2-Tetrachloroethane	ND	mg/L	0.001	0.00032	
			1,1,2-Trichloro-1,2,2-trifluoroeth	ND	mg/L	0.002	0.0003	
			1,1,2-Trichloroethane	ND	mg/L	0.001	0.00039	
			1,1-Dichloroethane	ND	mg/L	0.001	0.00049	
			1,1-Dichloroethene	ND	mg/L	0.001	0.00049	
			1,1-Dichloropropene	ND	mg/L	0.001	0.00028	
			1,2,3-Trichlorobenzene	ND	mg/L	0.005	0.00035	
			1,2,3-Trichloropropane	ND	mg/L	0.003	0.00092	
			1,2,4-Trichlorobenzene	ND	mg/L	0.005	0.00049	
			1,2,4-Trimethylbenzene	ND	mg/L	0.001	0.00034	

Summary of Analytical Results Site 9
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE09SW108	Surface Water	SW8260	,2-Dibromo-3-chloropropan	ND	mg/L	0.005	0.00097	
			1,2-Dibromoethane	ND	mg/L	0.001	0.00033	
			1,2-Dichlorobenzene	ND	mg/L	0.001	0.00038	
			1,2-Dichloroethane	ND	mg/L	0.001	0.00037	
			1,2-Dichloropropane	ND	mg/L	0.001	0.00042	
			1,3,5-Trimethylbenzene	ND	mg/L	0.001	0.00043	
			1,3-Dichlorobenzene	ND	mg/L	0.001	0.00044	
			1,3-Dichloropropane	ND	mg/L	0.001	0.00024	
			1,4-Dichlorobenzene	ND	mg/L	0.001	0.0004	
			2,2-Dichloropropane	ND	mg/L	0.001	0.00037	
			2-Butanone	ND	mg/L	0.005	0.0028	
			2-Chloroethyl vinyl ether	ND	mg/L	0.005	0.00019	
			2-Chlorotoluene	ND	mg/L	0.001	0.00046	
			2-Hexanone	ND	mg/L	0.005	0.0011	
			4-Chlorotoluene	ND	mg/L	0.001	0.00059	
			4-Isopropyltoluene	ND	mg/L	0.001	0.00026	
			4-Methyl-2-pentanone	ND	mg/L	0.005	0.0014	
			Acetone	ND	mg/L	0.005	0.003	
			Acrolein	ND	mg/L	0.05	0.0041	
			Acrylamide	ND	mg/L	0.001	0.00078	
			Benzene	ND	mg/L	0.001	0.00043	
			Bromobenzene	ND	mg/L	0.001	0.00058	
			Bromochloromethane	ND	mg/L	0.001	0.00058	
			Bromodichloromethane	ND	mg/L	0.001	0.00034	
			Bromoethane	ND	mg/L	0.002	0.00064	
			Bromoform	ND	mg/L	0.001	0.00031	
			Bromomethane	ND	mg/L	0.001	0.00058	
			Carbon disulfide	ND	mg/L	0.001	0.00036	
			Carbon tetrachloride	ND	mg/L	0.001	0.00045	
			Chlorobenzene	ND	mg/L	0.001	0.00036	
			Chloroethane	ND	mg/L	0.001	0.00051	
			Chloroform	ND	mg/L	0.001	0.00053	
			Chloromethane	ND	mg/L	0.001	0.00056	
			cis-1,2-Dichloroethene	ND	mg/L	0.001	0.00039	
			cis-1,3-Dichloropropene	ND	mg/L	0.001	0.00027	
			Dibromochloromethane	ND	mg/L	0.001	0.00024	
			Dibromomethane	ND	mg/L	0.001	0.00053	
			Ethylbenzene	ND	mg/L	0.001	0.00035	
			Hexachlorobutadiene	ND	mg/L	0.005	0.00058	
			Isopropylbenzene	ND	mg/L	0.001	0.00037	
			m,p-Xylene (sum)	ND	mg/L	0.001	0.00061	
			Methyl iodide	ND	mg/L	0.001	0.00061	
			Methylene chloride	ND	mg/L	0.002	0.00069	
			Naphthalene	ND	mg/L	0.005	0.00028	
			n-Butylbenzene	ND	mg/L	0.001	0.00026	
			n-Propylbenzene	ND	mg/L	0.001	0.00043	
			o-Xylene	ND	mg/L	0.001	0.00035	
			sec-Butylbenzene	ND	mg/L	0.001	0.00025	
			Styrene	ND	mg/L	0.001	0.00028	
			tert-Butylbenzene	ND	mg/L	0.001	0.00035	
			Tetrachloroethene	ND	mg/L	0.001	0.00031	
			Toluene	ND	mg/L	0.001	0.00042	
			trans-1,2-Dichloroethene	ND	mg/L	0.001	0.00054	
			trans-1,3-Dichloropropene	ND	mg/L	0.001	0.00026	
			trans-1,4-Dichloro-2-butene	ND	mg/L	0.005	0.0003	
			Trichloroethene	ND	mg/L	0.001	0.00042	
			Trichlorofluoromethane	ND	mg/L	0.001	0.00029	
			Vinyl acetate	ND	mg/L	0.005	0.0004	

Summary of Analytical Results Site 9
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE09SW108	Surface Water	SW8260	Vinyl chloride	ND	mg/L	0.001	0.0004	
01NE09SW109	Surface Water	AK101	GRO	ND	mg/L	0.25	0.1	
		AK102	DRO	ND	mg/L	0.25	0.02	
		AK103	RRO	ND	mg/L	0.5	0.5	VQQ
		SW8270 SIM	2-Methylnaphthalene	ND	mg/L	0.00005	0.00005	
			Acenaphthene	ND	mg/L	0.00005	0.00004	
			Acenaphthylene	ND	mg/L	0.00005	0.00005	
			Anthracene	ND	mg/L	0.00005	0.00002	
			Benzo(a)anthracene	ND	mg/L	0.00005	0.00002	
			Benzo(a)pyrene	ND	mg/L	0.00005	0.00001	
			Benzo(b)fluoranthene	ND	mg/L	0.00005	0.00002	
			Benzo(g,h,i)perylene	ND	mg/L	0.00005	0.00004	
			Benzo(k)fluoranthene	ND	mg/L	0.00005	0.00002	
			Chrysene	ND	mg/L	0.00005	0.00001	
			Dibenzo(a,h)anthracene	ND	mg/L	0.00005	0.00005	
			Dibenzofuran	ND	mg/L	0.00005	0.00005	
			Fluoranthene	ND	mg/L	0.00005	0.00005	
			Fluorene	ND	mg/L	0.00005	0.00005	
			Indeno(1,2,3-cd)pyrene	ND	mg/L	0.00005	0.00004	
			Naphthalene	ND	mg/L	0.00005	0.00005	
			Phenanthrene	ND	mg/L	0.00005	0.00004	
			Pyrene	ND	mg/L	0.00005	0.00005	
		SW6010B	Aluminum	0.1	mg/L	0.02	0.012	
			Antimony	ND	mg/L	0.05	0.014	
			Barium	0.02	mg/L	0.003	0.0004	
			Beryllium	ND	mg/L	0.001	0.0003	
			Cadmium	ND	mg/L	0.002	0.00084	
			Calcium	2.95	mg/L	0.05	0.0003	
			Chromium	ND	mg/L	0.005	0.0013	
			Cobalt	ND	mg/L	0.003	0.0006	
			Copper	0.004	mg/L	0.002	0.002	
			Iron	1.15	mg/L	0.02	0.0063	
			Magnesium	0.82	mg/L	0.02	0.0084	
			Manganese	0.012	mg/L	0.001	0.0003	
			Nickel	ND	mg/L	0.01	0.0034	
			Potassium	ND	mg/L	0.5	0.38	
			Silver	ND	mg/L	0.003	0.0007	
			Sodium	4.04	mg/L	0.05	0.015	
			Vanadium	ND	mg/L	0.003	0.0017	
			Zinc	0.06	mg/L	0.006	0.0029	
		SW7060A	Arsenic	ND	mg/L	0.001	0.00054	
		SW7421	Lead	0.006	mg/L	0.001	0.00086	
		SW7470A	Mercury	ND	mg/L	0.0001	0.00003	
		SW7740	Selenium	ND	mg/L	0.002	0.00083	
		SW7841	Thallium	ND	mg/L	0.001	0.00081	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/L	0.001	0.00027	
			PCB-1221 (Aroclor 1221)	ND	mg/L	0.002	0.00025	
			PCB-1232 (Aroclor 1232)	ND	mg/L	0.001	0.00026	
			PCB-1242 (Aroclor 1242)	ND	mg/L	0.001	0.00021	
			PCB-1248 (Aroclor 1248)	ND	mg/L	0.001	0.00025	
			PCB-1254 (Aroclor 1254)	ND	mg/L	0.001	0.0003	
			PCB-1260 (Aroclor 1260)	ND	mg/L	0.001	0.00032	
		SW8260	1,1,1,2-Tetrachloroethane	ND	mg/L	0.001	0.00026	
			1,1,1-Trichloroethane	ND	mg/L	0.001	0.0004	
			1,1,2,2-Tetrachloroethane	ND	mg/L	0.001	0.00032	
			1,1,2-Trichloro-1,2,2-trifluoroeth	ND	mg/L	0.002	0.0003	
			1,1,2-Trichloroethane	ND	mg/L	0.001	0.00039	
			1,1-Dichloroethane	ND	mg/L	0.001	0.00049	

Summary of Analytical Results Site 9
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE09SW109	Surface Water	SW8260	1,1-Dichloroethene	ND	mg/L	0.001	0.00049	
			1,1-Dichloropropene	ND	mg/L	0.001	0.00028	
			1,2,3-Trichlorobenzene	ND	mg/L	0.005	0.00035	
			1,2,3-Trichloropropane	ND	mg/L	0.003	0.00092	
			1,2,4-Trichlorobenzene	ND	mg/L	0.005	0.00049	
			1,2,4-Trimethylbenzene	ND	mg/L	0.001	0.00034	
			1,2-Dibromo-3-chloropropan	ND	mg/L	0.005	0.00097	
			1,2-Dibromoethane	ND	mg/L	0.001	0.00033	
			1,2-Dichlorobenzene	ND	mg/L	0.001	0.00038	
			1,2-Dichloroethane	ND	mg/L	0.001	0.00037	
			1,2-Dichloropropane	ND	mg/L	0.001	0.00042	
			1,3,5-Trimethylbenzene	ND	mg/L	0.001	0.00043	
			1,3-Dichlorobenzene	ND	mg/L	0.001	0.00044	
			1,3-Dichloropropane	ND	mg/L	0.001	0.00024	
			1,4-Dichlorobenzene	ND	mg/L	0.001	0.0004	
			2,2-Dichloropropane	ND	mg/L	0.001	0.00037	
			2-Butanone	ND	mg/L	0.005	0.0028	
			2-Chloroethyl vinyl ether	ND	mg/L	0.005	0.00019	
			2-Chlorotoluene	ND	mg/L	0.001	0.00046	
			2-Hexanone	ND	mg/L	0.005	0.0011	
			4-Chlorotoluene	ND	mg/L	0.001	0.00059	
			4-Isopropyltoluene	ND	mg/L	0.001	0.00026	
			4-Methyl-2-pentanone	ND	mg/L	0.005	0.0014	
			Acetone	ND	mg/L	0.005	0.003	
			Acrolein	ND	mg/L	0.05	0.0041	
			Acrylamide	ND	mg/L	0.001	0.00078	
			Benzene	ND	mg/L	0.001	0.00043	
			Bromobenzene	ND	mg/L	0.001	0.00058	
			Bromochloromethane	ND	mg/L	0.001	0.00058	
			Bromodichloromethane	ND	mg/L	0.001	0.00034	
			Bromoethane	ND	mg/L	0.002	0.00064	
			Bromoform	ND	mg/L	0.001	0.00031	
			Bromomethane	ND	mg/L	0.001	0.00058	
			Carbon disulfide	ND	mg/L	0.001	0.00036	
			Carbon tetrachloride	ND	mg/L	0.001	0.00045	
			Chlorobenzene	ND	mg/L	0.001	0.00036	
			Chloroethane	ND	mg/L	0.001	0.00051	
			Chloroform	ND	mg/L	0.001	0.00053	
			Chloromethane	ND	mg/L	0.001	0.00056	
			cis-1,2-Dichloroethene	ND	mg/L	0.001	0.00039	
			cis-1,3-Dichloropropene	ND	mg/L	0.001	0.00027	
			Dibromochloromethane	ND	mg/L	0.001	0.00024	
			Dibromomethane	ND	mg/L	0.001	0.00053	
			Ethylbenzene	ND	mg/L	0.001	0.00035	
			Hexachlorobutadiene	ND	mg/L	0.005	0.00058	
			Isopropylbenzene	ND	mg/L	0.001	0.00037	
			m,p-Xylene (sum)	ND	mg/L	0.001	0.00061	
			Methyl iodide	ND	mg/L	0.001	0.00061	
			Methylene chloride	ND	mg/L	0.002	0.00069	
			Naphthalene	ND	mg/L	0.005	0.00028	
			n-Butylbenzene	ND	mg/L	0.001	0.00026	
			n-Propylbenzene	ND	mg/L	0.001	0.00043	
			o-Xylene	ND	mg/L	0.001	0.00035	
			sec-Butylbenzene	ND	mg/L	0.001	0.00025	
			Styrene	ND	mg/L	0.001	0.00028	
			tert-Butylbenzene	ND	mg/L	0.001	0.00035	
			Tetrachloroethene	ND	mg/L	0.001	0.00031	
			Toluene	ND	mg/L	0.001	0.00042	

Summary of Analytical Results Site 9
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE09SW109	Surface Water	SW8260	trans-1,2-Dichloroethene	ND	mg/L	0.001	0.00054	
			trans-1,3-Dichloropropene	ND	mg/L	0.001	0.00026	
			trans-1,4-Dichloro-2-butene	ND	mg/L	0.005	0.0003	
			Trichloroethene	ND	mg/L	0.001	0.00042	
			Trichlorofluoromethane	ND	mg/L	0.001	0.00029	
			Vinyl acetate	ND	mg/L	0.005	0.0004	
			Vinyl chloride	ND	mg/L	0.001	0.0004	
01NE09SW110	Surface Water	AK101	GRO	ND	mg/L	0.25	0.1	
		AK102	DRO	ND	mg/L	0.25	0.02	
		AK103	RRO	ND	mg/L	0.5	0.5	VQQ
		SW8270 SIM	2-Methylnaphthalene	ND	mg/L	0.00005	0.00005	
			Acenaphthene	ND	mg/L	0.00005	0.00004	
			Acenaphthylene	ND	mg/L	0.00005	0.00005	
			Anthracene	ND	mg/L	0.00005	0.00002	
			Benzo(a)anthracene	ND	mg/L	0.00005	0.00002	
			Benzo(a)pyrene	ND	mg/L	0.00005	0.00001	
			Benzo(b)fluoranthene	ND	mg/L	0.00005	0.00002	
			Benzo(g,h,i)perylene	ND	mg/L	0.00005	0.00004	
			Benzo(k)fluoranthene	ND	mg/L	0.00005	0.00002	
			Chrysene	ND	mg/L	0.00005	0.00001	
			Dibenzo(a,h)anthracene	ND	mg/L	0.00005	0.00005	
			Dibenzofuran	ND	mg/L	0.00005	0.00005	
			Fluoranthene	ND	mg/L	0.00005	0.00005	
			Fluorene	ND	mg/L	0.00005	0.00005	
			Indeno(1,2,3-cd)pyrene	ND	mg/L	0.00005	0.00004	
			Naphthalene	ND	mg/L	0.00005	0.00005	
			Phenanthrene	ND	mg/L	0.00005	0.00004	
			Pyrene	ND	mg/L	0.00005	0.00005	
		SW6010B	Aluminum	0.19	mg/L	0.02	0.012	
			Antimony	ND	mg/L	0.05	0.014	
			Barium	0.006	mg/L	0.003	0.0004	
			Beryllium	ND	mg/L	0.001	0.0003	
			Cadmium	ND	mg/L	0.002	0.00084	
			Calcium	1.67	mg/L	0.05	0.0003	
			Chromium	ND	mg/L	0.005	0.0013	
			Cobalt	ND	mg/L	0.003	0.0006	
			Copper	ND	mg/L	0.002	0.002	
			Iron	0.55	mg/L	0.02	0.0063	
			Magnesium	0.84	mg/L	0.02	0.0084	
			Manganese	0.009	mg/L	0.001	0.0003	
			Nickel	ND	mg/L	0.01	0.0034	
			Potassium	ND	mg/L	0.5	0.38	
			Silver	ND	mg/L	0.003	0.0007	
			Sodium	4.21	mg/L	0.05	0.015	
			Vanadium	ND	mg/L	0.003	0.0017	
			Zinc	ND	mg/L	0.006	0.0029	
		SW7060A	Arsenic	ND	mg/L	0.001	0.00054	
		SW7421	Lead	ND	mg/L	0.001	0.00086	
		SW7470A	Mercury	ND	mg/L	0.0001	0.00003	
		SW7740	Selenium	ND	mg/L	0.002	0.00083	
		SW7841	Thallium	ND	mg/L	0.001	0.00081	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/L	0.001	0.00027	
			PCB-1221 (Aroclor 1221)	ND	mg/L	0.002	0.00025	
			PCB-1232 (Aroclor 1232)	ND	mg/L	0.001	0.00026	
			PCB-1242 (Aroclor 1242)	ND	mg/L	0.001	0.00021	
			PCB-1248 (Aroclor 1248)	ND	mg/L	0.001	0.00025	
			PCB-1254 (Aroclor 1254)	ND	mg/L	0.001	0.0003	
			PCB-1260 (Aroclor 1260)	ND	mg/L	0.001	0.00032	

Summary of Analytical Results Site 9
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE09SW110	Surface Water	SW8260	1,1,1,2-Tetrachloroethane	ND	mg/L	0.001	0.00026	
			1,1,1-Trichloroethane	ND	mg/L	0.001	0.0004	
			1,1,2,2-Tetrachloroethane	ND	mg/L	0.001	0.00032	
			1,1,2-Trichloro-1,2,2-trifluoroeth	ND	mg/L	0.002	0.0003	
			1,1,2-Trichloroethane	ND	mg/L	0.001	0.00039	
			1,1-Dichloroethane	ND	mg/L	0.001	0.00049	
			1,1-Dichloroethene	ND	mg/L	0.001	0.00049	
			1,1-Dichloropropene	ND	mg/L	0.001	0.00028	
			1,2,3-Trichlorobenzene	ND	mg/L	0.005	0.00035	
			1,2,3-Trichloropropane	ND	mg/L	0.003	0.00092	
			1,2,4-Trichlorobenzene	ND	mg/L	0.005	0.00049	
			1,2,4-Trimethylbenzene	ND	mg/L	0.001	0.00034	
			1,2-Dibromo-3-chloropropan	ND	mg/L	0.005	0.00097	
			1,2-Dibromoethane	ND	mg/L	0.001	0.00033	
			1,2-Dichlorobenzene	ND	mg/L	0.001	0.00038	
			1,2-Dichloroethane	ND	mg/L	0.001	0.00037	
			1,2-Dichloropropane	ND	mg/L	0.001	0.00042	
			1,3,5-Trimethylbenzene	ND	mg/L	0.001	0.00043	
			1,3-Dichlorobenzene	ND	mg/L	0.001	0.00044	
			1,3-Dichloropropane	ND	mg/L	0.001	0.00024	
			1,4-Dichlorobenzene	ND	mg/L	0.001	0.0004	
			2,2-Dichloropropane	ND	mg/L	0.001	0.00037	
			2-Butanone	ND	mg/L	0.005	0.0028	
			2-Chloroethyl vinyl ether	ND	mg/L	0.005	0.00019	
			2-Chlorotoluene	ND	mg/L	0.001	0.00046	
			2-Hexanone	ND	mg/L	0.005	0.0011	
			4-Chlorotoluene	ND	mg/L	0.001	0.00059	
			4-Isopropyltoluene	ND	mg/L	0.001	0.00026	
			4-Methyl-2-pentanone	ND	mg/L	0.005	0.0014	
			Acetone	ND	mg/L	0.005	0.003	
			Acrolein	ND	mg/L	0.05	0.0041	
			Acrylamide	ND	mg/L	0.001	0.00078	
			Benzene	ND	mg/L	0.001	0.00043	
			Bromobenzene	ND	mg/L	0.001	0.00058	
			Bromochloromethane	ND	mg/L	0.001	0.00058	
			Bromodichloromethane	ND	mg/L	0.001	0.00034	
			Bromoethane	ND	mg/L	0.002	0.00064	
			Bromoform	ND	mg/L	0.001	0.00031	
			Bromomethane	ND	mg/L	0.001	0.00058	
			Carbon disulfide	ND	mg/L	0.001	0.00036	
			Carbon tetrachloride	ND	mg/L	0.001	0.00045	
			Chlorobenzene	ND	mg/L	0.001	0.00036	
			Chloroethane	ND	mg/L	0.001	0.00051	
			Chloroform	ND	mg/L	0.001	0.00053	
			Chloromethane	ND	mg/L	0.001	0.00056	
			cis-1,2-Dichloroethene	ND	mg/L	0.001	0.00039	
			cis-1,3-Dichloropropene	ND	mg/L	0.001	0.00027	
			Dibromochloromethane	ND	mg/L	0.001	0.00024	
			Dibromomethane	ND	mg/L	0.001	0.00053	
			Ethylbenzene	ND	mg/L	0.001	0.00035	
			Hexachlorobutadiene	ND	mg/L	0.005	0.00058	
			Isopropylbenzene	ND	mg/L	0.001	0.00037	
			m,p-Xylene (sum)	ND	mg/L	0.001	0.00061	
			Methyl iodide	ND	mg/L	0.001	0.00061	
			Methylene chloride	ND	mg/L	0.002	0.00069	
			Naphthalene	ND	mg/L	0.005	0.00028	
			n-Butylbenzene	ND	mg/L	0.001	0.00026	
			n-Propylbenzene	ND	mg/L	0.001	0.00043	

Summary of Analytical Results Site 9
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE09SW110	Surface Water	SW8260	o-Xylene	ND	mg/L	0.001	0.00035	
			sec-Butylbenzene	ND	mg/L	0.001	0.00025	
			Styrene	ND	mg/L	0.001	0.00028	
			tert-Butylbenzene	ND	mg/L	0.001	0.00035	
			Tetrachloroethene	ND	mg/L	0.001	0.00031	
			Toluene	ND	mg/L	0.001	0.00042	
			trans-1,2-Dichloroethene	ND	mg/L	0.001	0.00054	
			trans-1,3-Dichloropropene	ND	mg/L	0.001	0.00026	
			trans-1,4-Dichloro-2-butene	ND	mg/L	0.005	0.0003	
			Trichloroethene	ND	mg/L	0.001	0.00042	
			Trichlorofluoromethane	ND	mg/L	0.001	0.00029	
			Vinyl acetate	ND	mg/L	0.005	0.0004	
			Vinyl chloride	ND	mg/L	0.001	0.0004	
01NE09SW111	Surface Water	AK101	GRO	ND	mg/L	0.25	0.1	
		AK102	DRO	ND	mg/L	0.25	0.02	
		AK103	RRO	ND	mg/L	0.5	0.5	VQQ
		SW8270 SIM	2-Methylnaphthalene	ND	mg/L	0.00005	0.00005	
			Acenaphthene	ND	mg/L	0.00005	0.00004	
			Acenaphthylene	ND	mg/L	0.00005	0.00005	
			Anthracene	ND	mg/L	0.00005	0.00002	
			Benzo(a)anthracene	ND	mg/L	0.00005	0.00002	
			Benzo(a)pyrene	ND	mg/L	0.00005	0.00001	
			Benzo(b)fluoranthene	ND	mg/L	0.00005	0.00002	
			Benzo(g,h,i)perylene	ND	mg/L	0.00005	0.00004	
			Benzo(k)fluoranthene	ND	mg/L	0.00005	0.00002	
			Chrysene	ND	mg/L	0.00005	0.00001	
			Dibenzo(a,h)anthracene	ND	mg/L	0.00005	0.00005	
			Dibenzofuran	ND	mg/L	0.00005	0.00005	
			Fluoranthene	ND	mg/L	0.00005	0.00005	
			Fluorene	ND	mg/L	0.00005	0.00005	
			Indeno(1,2,3-cd)pyrene	ND	mg/L	0.00005	0.00004	
			Naphthalene	ND	mg/L	0.00005	0.00005	
			Phenanthrene	ND	mg/L	0.00005	0.00004	
			Pyrene	ND	mg/L	0.00005	0.00005	
		SW6010B	Aluminum	0.23	mg/L	0.02	0.012	
			Antimony	ND	mg/L	0.05	0.014	
			Barium	0.006	mg/L	0.003	0.0004	
			Beryllium	ND	mg/L	0.001	0.0003	
			Cadmium	ND	mg/L	0.002	0.00084	
			Calcium	1.01	mg/L	0.05	0.0003	
			Chromium	ND	mg/L	0.005	0.0013	
			Cobalt	ND	mg/L	0.003	0.0006	
			Copper	ND	mg/L	0.002	0.002	
			Iron	1.54	mg/L	0.02	0.0063	
			Magnesium	0.95	mg/L	0.02	0.0084	
			Manganese	0.029	mg/L	0.001	0.0003	
			Nickel	ND	mg/L	0.01	0.0034	
			Potassium	1.02	mg/L	0.5	0.38	
			Silver	ND	mg/L	0.003	0.0007	
			Sodium	4.37	mg/L	0.05	0.015	
			Vanadium	ND	mg/L	0.003	0.0017	
			Zinc	0.011	mg/L	0.006	0.0029	
		SW7060A	Arsenic	ND	mg/L	0.001	0.00054	
		SW7421	Lead	ND	mg/L	0.001	0.00086	
		SW7470A	Mercury	ND	mg/L	0.0001	0.00003	
		SW7740	Selenium	ND	mg/L	0.002	0.00083	
		SW7841	Thallium	ND	mg/L	0.001	0.00081	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/L	0.001	0.00027	

Summary of Analytical Results Site 9
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE09SW111	Surface Water	SW8082	PCB-1221 (Aroclor 1221)	ND	mg/L	0.002	0.00025	
			PCB-1232 (Aroclor 1232)	ND	mg/L	0.001	0.00026	
			PCB-1242 (Aroclor 1242)	ND	mg/L	0.001	0.00021	
			PCB-1248 (Aroclor 1248)	ND	mg/L	0.001	0.00025	
			PCB-1254 (Aroclor 1254)	ND	mg/L	0.001	0.0003	
			PCB-1260 (Aroclor 1260)	ND	mg/L	0.001	0.00032	
		SW8260	1,1,1,2-Tetrachloroethane	ND	mg/L	0.001	0.00026	
			1,1,1-Trichloroethane	ND	mg/L	0.001	0.0004	
			1,1,2,2-Tetrachloroethane	ND	mg/L	0.001	0.00032	
			1,1,2-Trichloro-1,2,2-trifluoroeth	ND	mg/L	0.002	0.0003	
			1,1,2-Trichloroethane	ND	mg/L	0.001	0.00039	
			1,1-Dichloroethane	ND	mg/L	0.001	0.00049	
			1,1-Dichloroethene	ND	mg/L	0.001	0.00049	
			1,1-Dichloropropene	ND	mg/L	0.001	0.00028	
			1,2,3-Trichlorobenzene	ND	mg/L	0.005	0.00035	
			1,2,3-Trichloropropane	ND	mg/L	0.003	0.00092	
			1,2,4-Trichlorobenzene	ND	mg/L	0.005	0.00049	
			1,2,4-Trimethylbenzene	ND	mg/L	0.001	0.00034	
			1,2-Dibromo-3-chloropropan	ND	mg/L	0.005	0.00097	
			1,2-Dibromoethane	ND	mg/L	0.001	0.00033	
			1,2-Dichlorobenzene	ND	mg/L	0.001	0.00038	
			1,2-Dichloroethane	ND	mg/L	0.001	0.00037	
			1,2-Dichloropropane	ND	mg/L	0.001	0.00042	
			1,3,5-Trimethylbenzene	ND	mg/L	0.001	0.00043	
			1,3-Dichlorobenzene	ND	mg/L	0.001	0.00044	
			1,3-Dichloropropane	ND	mg/L	0.001	0.00024	
			1,4-Dichlorobenzene	ND	mg/L	0.001	0.0004	
			2,2-Dichloropropane	ND	mg/L	0.001	0.00037	
			2-Butanone	ND	mg/L	0.005	0.0028	
			2-Chloroethyl vinyl ether	ND	mg/L	0.005	0.00019	
			2-Chlorotoluene	ND	mg/L	0.001	0.00046	
			2-Hexanone	ND	mg/L	0.005	0.0011	
			4-Chlorotoluene	ND	mg/L	0.001	0.00059	
			4-Isopropyltoluene	ND	mg/L	0.001	0.00026	
			4-Methyl-2-pentanone	ND	mg/L	0.005	0.0014	
			Acetone	ND	mg/L	0.005	0.003	
			Acrolein	ND	mg/L	0.05	0.0041	
			Acrylamide	ND	mg/L	0.001	0.00078	
			Benzene	ND	mg/L	0.001	0.00043	
			Bromobenzene	ND	mg/L	0.001	0.00058	
			Bromochloromethane	ND	mg/L	0.001	0.00058	
			Bromodichloromethane	ND	mg/L	0.001	0.00034	
			Bromoethane	ND	mg/L	0.002	0.00064	
			Bromoform	ND	mg/L	0.001	0.00031	
			Bromomethane	ND	mg/L	0.001	0.00058	
			Carbon disulfide	ND	mg/L	0.001	0.00036	
			Carbon tetrachloride	ND	mg/L	0.001	0.00045	
			Chlorobenzene	ND	mg/L	0.001	0.00036	
			Chloroethane	ND	mg/L	0.001	0.00051	
			Chloroform	ND	mg/L	0.001	0.00053	
			Chloromethane	ND	mg/L	0.001	0.00056	
			cis-1,2-Dichloroethene	ND	mg/L	0.001	0.00039	
			cis-1,3-Dichloropropene	ND	mg/L	0.001	0.00027	
			Dibromochloromethane	ND	mg/L	0.001	0.00024	
			Dibromomethane	ND	mg/L	0.001	0.00053	
			Ethylbenzene	ND	mg/L	0.001	0.00035	
			Hexachlorobutadiene	ND	mg/L	0.005	0.00058	
			Isopropylbenzene	ND	mg/L	0.001	0.00037	

Summary of Analytical Results Site 9
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE09SW111	Surface Water	SW8260	m,p-Xylene (sum)	ND	mg/L	0.001	0.00061	
			Methyl iodide	ND	mg/L	0.001	0.00061	
			Methylene chloride	ND	mg/L	0.002	0.00069	
			Naphthalene	ND	mg/L	0.005	0.00028	
			n-Butylbenzene	ND	mg/L	0.001	0.00026	
			n-Propylbenzene	ND	mg/L	0.001	0.00043	
			o-Xylene	ND	mg/L	0.001	0.00035	
			sec-Butylbenzene	ND	mg/L	0.001	0.00025	
			Styrene	ND	mg/L	0.001	0.00028	
			tert-Butylbenzene	ND	mg/L	0.001	0.00035	
			Tetrachloroethene	ND	mg/L	0.001	0.00031	
			Toluene	ND	mg/L	0.001	0.00042	
			trans-1,2-Dichloroethene	ND	mg/L	0.001	0.00054	
			trans-1,3-Dichloropropene	ND	mg/L	0.001	0.00026	
			trans-1,4-Dichloro-2-butene	ND	mg/L	0.005	0.0003	
			Trichloroethene	ND	mg/L	0.001	0.00042	
			Trichlorofluoromethane	ND	mg/L	0.001	0.00029	
			Vinyl acetate	ND	mg/L	0.005	0.0004	
			Vinyl chloride	ND	mg/L	0.001	0.0004	
01NE09SW112	Surface Water	AK101	GRO	ND	mg/L	0.25	0.1	
		AK102	DRO	ND	mg/L	0.25	0.02	
		AK103	RRO	ND	mg/L	0.5	0.5	VQQ
		SW8021	Benzene	ND	mg/L	0.001	0.0002	
		SW8021	Ethylbenzene	ND	mg/L	0.001	0.00019	
		SW8021	m,p-Xylene (sum)	ND	mg/L	0.001	0.00021	
		SW8021	o-Xylene	ND	mg/L	0.001	0.00015	
		SW8021	Toluene	ND	mg/L	0.001	0.0002	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/L	0.00005	0.00005	
			Acenaphthene	ND	mg/L	0.00005	0.00004	
			Acenaphthylene	ND	mg/L	0.00005	0.00005	
			Anthracene	ND	mg/L	0.00005	0.00002	
			Benzo(a)anthracene	ND	mg/L	0.00005	0.00002	
			Benzo(a)pyrene	ND	mg/L	0.00005	0.00001	
			Benzo(b)fluoranthene	ND	mg/L	0.00005	0.00002	
			Benzo(g,h,i)perylene	ND	mg/L	0.00005	0.00004	
			Benzo(k)fluoranthene	ND	mg/L	0.00005	0.00002	
			Chrysene	ND	mg/L	0.00005	0.00001	
			Dibenzo(a,h)anthracene	ND	mg/L	0.00005	0.00005	
			Dibenzofuran	ND	mg/L	0.00005	0.00005	
			Fluoranthene	ND	mg/L	0.00005	0.00005	
			Fluorene	ND	mg/L	0.00005	0.00005	
			Indeno(1,2,3-cd)pyrene	ND	mg/L	0.00005	0.00004	
			Naphthalene	ND	mg/L	0.00005	0.00005	
			Phenanthrene	ND	mg/L	0.00005	0.00004	
			Pyrene	ND	mg/L	0.00005	0.00005	
		SW6010B	Aluminum	0.04	mg/L	0.02	0.012	
			Antimony	ND	mg/L	0.05	0.014	
			Barium	0.005	mg/L	0.003	0.0004	
			Beryllium	ND	mg/L	0.001	0.0003	
			Cadmium	ND	mg/L	0.002	0.00084	
			Calcium	1.75	mg/L	0.05	0.0003	
			Chromium	ND	mg/L	0.005	0.0013	
			Cobalt	ND	mg/L	0.003	0.0006	
			Copper	ND	mg/L	0.002	0.002	
			Iron	0.2	mg/L	0.02	0.0063	
			Magnesium	0.86	mg/L	0.02	0.0084	
			Manganese	0.012	mg/L	0.001	0.0003	
			Nickel	ND	mg/L	0.01	0.0034	

Summary of Analytical Results Site 9
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE09SW112	Surface Water	SW6010B	Potassium	0.52	mg/L	0.5	0.38	
			Silver	ND	mg/L	0.003	0.0007	
			Sodium	4.29	mg/L	0.05	0.015	
			Vanadium	ND	mg/L	0.003	0.0017	
			Zinc	ND	mg/L	0.006	0.0029	
		SW7060A	Arsenic	ND	mg/L	0.001	0.00054	
		SW7421	Lead	ND	mg/L	0.001	0.00086	
		SW7470A	Mercury	ND	mg/L	0.0001	0.00003	
		SW7740	Selenium	ND	mg/L	0.002	0.00083	
		SW7841	Thallium	ND	mg/L	0.001	0.00081	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/L	0.001	0.00027	
			PCB-1221 (Aroclor 1221)	ND	mg/L	0.002	0.00025	
			PCB-1232 (Aroclor 1232)	ND	mg/L	0.001	0.00026	
			PCB-1242 (Aroclor 1242)	ND	mg/L	0.001	0.00021	
			PCB-1248 (Aroclor 1248)	ND	mg/L	0.001	0.00025	
			PCB-1254 (Aroclor 1254)	ND	mg/L	0.001	0.0003	
			PCB-1260 (Aroclor 1260)	ND	mg/L	0.001	0.00032	
		SW8260	1,1,1,2-Tetrachloroethane	ND	mg/L	0.001	0.00026	
			1,1,1-Trichloroethane	ND	mg/L	0.001	0.0004	
			1,1,2,2-Tetrachloroethane	ND	mg/L	0.001	0.00032	
			1,1,2-Trichloro-1,2,2-trifluoroeth	ND	mg/L	0.002	0.0003	
			1,1,2-Trichloroethane	ND	mg/L	0.001	0.00039	
			1,1-Dichloroethane	ND	mg/L	0.001	0.00049	
			1,1-Dichloroethene	ND	mg/L	0.001	0.00049	
			1,1-Dichloropropene	ND	mg/L	0.001	0.00028	
			1,2,3-Trichlorobenzene	ND	mg/L	0.005	0.00035	
			1,2,3-Trichloropropane	ND	mg/L	0.003	0.00092	
			1,2,4-Trichlorobenzene	ND	mg/L	0.005	0.00049	
			1,2,4-Trimethylbenzene	ND	mg/L	0.001	0.00034	
			1,2-Dibromo-3-chloropropan	ND	mg/L	0.005	0.00097	
			1,2-Dibromoethane	ND	mg/L	0.001	0.00033	
			1,2-Dichlorobenzene	ND	mg/L	0.001	0.00038	
			1,2-Dichloroethane	ND	mg/L	0.001	0.00037	
			1,2-Dichloropropane	ND	mg/L	0.001	0.00042	
			1,3,5-Trimethylbenzene	ND	mg/L	0.001	0.00043	
			1,3-Dichlorobenzene	ND	mg/L	0.001	0.00044	
			1,3-Dichloropropane	ND	mg/L	0.001	0.00024	
			1,4-Dichlorobenzene	ND	mg/L	0.001	0.0004	
			2,2-Dichloropropane	ND	mg/L	0.001	0.00037	
			2-Butanone	ND	mg/L	0.005	0.0028	
			2-Chloroethyl vinyl ether	ND	mg/L	0.005	0.00019	
			2-Chlorotoluene	ND	mg/L	0.001	0.00046	
			2-Hexanone	ND	mg/L	0.005	0.0011	
			4-Chlorotoluene	ND	mg/L	0.001	0.00059	
			4-Isopropyltoluene	ND	mg/L	0.001	0.00026	
			4-Methyl-2-pentanone	ND	mg/L	0.005	0.0014	
			Acetone	ND	mg/L	0.005	0.003	
			Acrolein	ND	mg/L	0.05	0.0041	
			Acrylamide	ND	mg/L	0.001	0.00078	
			Benzene	ND	mg/L	0.001	0.00043	
			Bromobenzene	ND	mg/L	0.001	0.00058	
			Bromochloromethane	ND	mg/L	0.001	0.00058	
			Bromodichloromethane	ND	mg/L	0.001	0.00034	
			Bromoethane	ND	mg/L	0.002	0.00064	
			Bromoform	ND	mg/L	0.001	0.00031	
			Bromomethane	ND	mg/L	0.001	0.00058	
			Carbon disulfide	ND	mg/L	0.001	0.00036	
			Carbon tetrachloride	ND	mg/L	0.001	0.00045	

Summary of Analytical Results Site 9
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE09SW112	Surface Water	SW8260	Chlorobenzene	ND	mg/L	0.001	0.00036	
			Chloroethane	ND	mg/L	0.001	0.00051	
			Chloroform	ND	mg/L	0.001	0.00053	
			Chloromethane	ND	mg/L	0.001	0.00056	
			cis-1,2-Dichloroethene	ND	mg/L	0.001	0.00039	
			cis-1,3-Dichloropropene	ND	mg/L	0.001	0.00027	
			Dibromochloromethane	ND	mg/L	0.001	0.00024	
			Dibromomethane	ND	mg/L	0.001	0.00053	
			Ethylbenzene	ND	mg/L	0.001	0.00035	
			Hexachlorobutadiene	ND	mg/L	0.005	0.00058	
			Isopropylbenzene	ND	mg/L	0.001	0.00037	
			m,p-Xylene (sum)	ND	mg/L	0.001	0.00061	
			Methyl iodide	ND	mg/L	0.001	0.00061	
			Methylene chloride	ND	mg/L	0.002	0.00069	
			Naphthalene	ND	mg/L	0.005	0.00028	
			n-Butylbenzene	ND	mg/L	0.001	0.00026	
			n-Propylbenzene	ND	mg/L	0.001	0.00043	
			o-Xylene	ND	mg/L	0.001	0.00035	
			sec-Butylbenzene	ND	mg/L	0.001	0.00025	
			Styrene	ND	mg/L	0.001	0.00028	
			tert-Butylbenzene	ND	mg/L	0.001	0.00035	
			Tetrachloroethene	ND	mg/L	0.001	0.00031	
			Toluene	ND	mg/L	0.001	0.00042	
			trans-1,2-Dichloroethene	ND	mg/L	0.001	0.00054	
			trans-1,3-Dichloropropene	ND	mg/L	0.001	0.00026	
			trans-1,4-Dichloro-2-butene	ND	mg/L	0.005	0.0003	
			Trichloroethene	ND	mg/L	0.001	0.00042	
			Trichlorofluoromethane	ND	mg/L	0.001	0.00029	
			Vinyl acetate	ND	mg/L	0.005	0.0004	
			Vinyl chloride	ND	mg/L	0.001	0.0004	
01NE09SW207	Surface Water	AK101	GRO	ND	mg/L	0.25	0.1	
		AK102	DRO	ND	mg/L	0.25	0.02	
		AK103	RRO	ND	mg/L	0.5	0.5	VQQ
		SW8270 SIM	2-Methylnaphthalene	ND	mg/L	0.00005	0.00005	
			Acenaphthene	ND	mg/L	0.00005	0.00004	
			Acenaphthylene	ND	mg/L	0.00005	0.00005	
			Anthracene	ND	mg/L	0.00005	0.00002	
			Benzo(a)anthracene	ND	mg/L	0.00005	0.00002	
			Benzo(a)pyrene	ND	mg/L	0.00005	0.00001	
			Benzo(b)fluoranthene	ND	mg/L	0.00005	0.00002	
			Benzo(g,h,i)perylene	ND	mg/L	0.00005	0.00004	
			Benzo(k)fluoranthene	ND	mg/L	0.00005	0.00002	
			Chrysene	ND	mg/L	0.00005	0.00001	
			Dibenzo(a,h)anthracene	ND	mg/L	0.00005	0.00005	
			Dibenzofuran	ND	mg/L	0.00005	0.00005	
			Fluoranthene	ND	mg/L	0.00005	0.00005	
			Fluorene	ND	mg/L	0.00005	0.00005	
			Indeno(1,2,3-cd)pyrene	ND	mg/L	0.00005	0.00004	
			Naphthalene	ND	mg/L	0.00005	0.00005	
			Phenanthrene	ND	mg/L	0.00005	0.00004	
			Pyrene	ND	mg/L	0.00005	0.00005	
		SW6010B	Aluminum	0.08	mg/L	0.02	0.012	
			Antimony	ND	mg/L	0.05	0.014	
			Barium	0.005	mg/L	0.003	0.0004	
			Beryllium	ND	mg/L	0.001	0.0003	
			Cadmium	ND	mg/L	0.002	0.00084	
			Calcium	1.78	mg/L	0.05	0.0003	
			Chromium	ND	mg/L	0.005	0.0013	

Summary of Analytical Results Site 9
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE09SW207	Surface Water	SW6010B	Cobalt	ND	mg/L	0.003	0.0006	
			Copper	ND	mg/L	0.002	0.002	
			Iron	0.15	mg/L	0.02	0.0063	
			Magnesium	0.88	mg/L	0.02	0.0084	
			Manganese	0.006	mg/L	0.001	0.0003	
			Nickel	ND	mg/L	0.01	0.0034	
			Potassium	ND	mg/L	0.5	0.38	
			Silver	ND	mg/L	0.003	0.0007	
			Sodium	4.08	mg/L	0.05	0.015	
			Vanadium	ND	mg/L	0.003	0.0017	
			Zinc	ND	mg/L	0.006	0.0029	
		SW7060A	Arsenic	ND	mg/L	0.001	0.00054	
		SW7421	Lead	ND	mg/L	0.001	0.00086	
		SW7470A	Mercury	ND	mg/L	0.0001	0.00003	
		SW7740	Selenium	ND	mg/L	0.002	0.00083	
		SW7841	Thallium	ND	mg/L	0.001	0.00081	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/L	0.001	0.00027	
			PCB-1221 (Aroclor 1221)	ND	mg/L	0.002	0.00025	
			PCB-1232 (Aroclor 1232)	ND	mg/L	0.001	0.00026	
			PCB-1242 (Aroclor 1242)	ND	mg/L	0.001	0.00021	
			PCB-1248 (Aroclor 1248)	ND	mg/L	0.001	0.00025	
			PCB-1254 (Aroclor 1254)	ND	mg/L	0.001	0.0003	
			PCB-1260 (Aroclor 1260)	ND	mg/L	0.001	0.00032	
		SW8260	1,1,1,2-Tetrachloroethane	ND	mg/L	0.001	0.00026	
			1,1,1-Trichloroethane	ND	mg/L	0.001	0.0004	
			1,1,2,2-Tetrachloroethane	ND	mg/L	0.001	0.00032	
			1,1,2-Trichloro-1,2,2-trifluoroeth	ND	mg/L	0.002	0.0003	
			1,1,2-Trichloroethane	ND	mg/L	0.001	0.00039	
			1,1-Dichloroethane	ND	mg/L	0.001	0.00049	
			1,1-Dichloroethene	ND	mg/L	0.001	0.00049	
			1,1-Dichloropropene	ND	mg/L	0.001	0.00028	
			1,2,3-Trichlorobenzene	ND	mg/L	0.005	0.00035	
			1,2,3-Trichloropropane	ND	mg/L	0.003	0.00092	
			1,2,4-Trichlorobenzene	ND	mg/L	0.005	0.00049	
			1,2,4-Trimethylbenzene	ND	mg/L	0.001	0.00034	
			1,2-Dibromo-3-chloropropan	ND	mg/L	0.005	0.00097	
			1,2-Dibromoethane	ND	mg/L	0.001	0.00033	
			1,2-Dichlorobenzene	ND	mg/L	0.001	0.00038	
			1,2-Dichloroethane	ND	mg/L	0.001	0.00037	
			1,2-Dichloropropane	ND	mg/L	0.001	0.00042	
			1,3,5-Trimethylbenzene	ND	mg/L	0.001	0.00043	
			1,3-Dichlorobenzene	ND	mg/L	0.001	0.00044	
			1,3-Dichloropropane	ND	mg/L	0.001	0.00024	
			1,4-Dichlorobenzene	ND	mg/L	0.001	0.0004	
			2,2-Dichloropropane	ND	mg/L	0.001	0.00037	
			2-Butanone	ND	mg/L	0.005	0.0028	
			2-Chloroethyl vinyl ether	ND	mg/L	0.005	0.00019	
			2-Chlorotoluene	ND	mg/L	0.001	0.00046	
			2-Hexanone	ND	mg/L	0.005	0.0011	
			4-Chlorotoluene	ND	mg/L	0.001	0.00059	
			4-Isopropyltoluene	ND	mg/L	0.001	0.00026	
			4-Methyl-2-pentanone	ND	mg/L	0.005	0.0014	
			Acetone	ND	mg/L	0.005	0.003	
			Acrolein	ND	mg/L	0.05	0.0041	
			Acrylamide	ND	mg/L	0.001	0.00078	
			Benzene	ND	mg/L	0.001	0.00043	
			Bromobenzene	ND	mg/L	0.001	0.00058	
			Bromochloromethane	ND	mg/L	0.001	0.00058	

Summary of Analytical Results Site 9
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE09SW207	Surface Water	SW8260	Bromodichloromethane	ND	mg/L	0.001	0.00034	
			Bromoethane	ND	mg/L	0.002	0.00064	
			Bromoform	ND	mg/L	0.001	0.00031	
			Bromomethane	ND	mg/L	0.001	0.00058	
			Carbon disulfide	ND	mg/L	0.001	0.00036	
			Carbon tetrachloride	ND	mg/L	0.001	0.00045	
			Chlorobenzene	ND	mg/L	0.001	0.00036	
			Chloroethane	ND	mg/L	0.001	0.00051	
			Chloroform	ND	mg/L	0.001	0.00053	
			Chloromethane	ND	mg/L	0.001	0.00056	
			cis-1,2-Dichloroethene	ND	mg/L	0.001	0.00039	
			cis-1,3-Dichloropropene	ND	mg/L	0.001	0.00027	
			Dibromochloromethane	ND	mg/L	0.001	0.00024	
			Dibromomethane	ND	mg/L	0.001	0.00053	
			Ethylbenzene	ND	mg/L	0.001	0.00035	
			Hexachlorobutadiene	ND	mg/L	0.005	0.00058	
			Isopropylbenzene	ND	mg/L	0.001	0.00037	
			m,p-Xylene (sum)	ND	mg/L	0.001	0.00061	
			Methyl iodide	ND	mg/L	0.001	0.00061	
			Methylene chloride	ND	mg/L	0.002	0.00069	
			Naphthalene	ND	mg/L	0.005	0.00028	
			n-Butylbenzene	ND	mg/L	0.001	0.00026	
			n-Propylbenzene	ND	mg/L	0.001	0.00043	
			o-Xylene	ND	mg/L	0.001	0.00035	
			sec-Butylbenzene	ND	mg/L	0.001	0.00025	
			Styrene	ND	mg/L	0.001	0.00028	
			tert-Butylbenzene	ND	mg/L	0.001	0.00035	
			Tetrachloroethene	ND	mg/L	0.001	0.00031	
			Toluene	ND	mg/L	0.001	0.00042	
			trans-1,2-Dichloroethene	ND	mg/L	0.001	0.00054	
			trans-1,3-Dichloropropene	ND	mg/L	0.001	0.00026	
			trans-1,4-Dichloro-2-butene	ND	mg/L	0.005	0.0003	
			Trichloroethene	ND	mg/L	0.001	0.00042	
			Trichlorofluoromethane	ND	mg/L	0.001	0.00029	
			Vinyl acetate	ND	mg/L	0.005	0.0004	
			Vinyl chloride	ND	mg/L	0.001	0.0004	
01NE09WP102	Ground Water	AK101	GRO	ND	mg/L	0.25	0.1	
		AK102	DRO	0.93	mg/L	0.25	0.02	
		AK103	RRO	4.2	mg/L	0.5	0.5	VJ
		SW8270 SIM	2-Methylnaphthalene	ND	mg/L	0.00005	0.00005	
			Acenaphthene	ND	mg/L	0.00005	0.00004	
			Acenaphthylene	ND	mg/L	0.00005	0.00005	
			Anthracene	ND	mg/L	0.00005	0.00002	
			Benzo(a)anthracene	ND	mg/L	0.00005	0.00002	
			Benzo(a)pyrene	ND	mg/L	0.00005	0.00001	
			Benzo(b)fluoranthene	ND	mg/L	0.00005	0.00002	
			Benzo(g,h,i)perylene	ND	mg/L	0.00005	0.00004	
			Benzo(k)fluoranthene	ND	mg/L	0.00005	0.00002	
			Chrysene	ND	mg/L	0.00005	0.00001	
			Dibenzo(a,h)anthracene	ND	mg/L	0.00005	0.00005	
			Dibenzofuran	ND	mg/L	0.00005	0.00005	
			Fluoranthene	ND	mg/L	0.00005	0.00005	
			Fluorene	ND	mg/L	0.00005	0.00005	
			Indeno(1,2,3-cd)pyrene	ND	mg/L	0.00005	0.00004	
			Naphthalene	ND	mg/L	0.00005	0.00005	
			Phenanthrene	ND	mg/L	0.00005	0.00004	
			Pyrene	ND	mg/L	0.00005	0.00005	
		SW6010B	Aluminum	48.9	mg/L	0.02	0.012	

Summary of Analytical Results Site 9
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE09WP102	Ground Water	SW6010B	Antimony	ND	mg/L	0.05	0.014	
			Barium	0.271	mg/L	0.003	0.0004	
			Beryllium	0.004	mg/L	0.001	0.0003	
			Cadmium	0.002	mg/L	0.002	0.00084	
			Calcium	7.97	mg/L	0.05	0.0003	
			Chromium	0.075	mg/L	0.005	0.0013	
			Cobalt	0.012	mg/L	0.003	0.0006	
			Copper	0.046	mg/L	0.002	0.002	
			Iron	77.3	mg/L	0.02	0.0063	
			Magnesium	8.57	mg/L	0.02	0.0084	
			Manganese	0.326	mg/L	0.001	0.0003	
			Nickel	0.11	mg/L	0.01	0.0034	
			Potassium	2.99	mg/L	0.5	0.38	
			Silver	ND	mg/L	0.003	0.0007	
			Sodium	9.09	mg/L	0.05	0.015	
			Vanadium	0.097	mg/L	0.003	0.0017	
			Zinc	0.419	mg/L	0.006	0.0029	
		SW7060A	Arsenic	0.012	mg/L	0.001	0.00054	
		SW7421	Lead	0.056	mg/L	0.005	0.0043	
		SW7470A	Mercury	0.0002	mg/L	0.0001	0.00003	
		SW7740	Selenium	ND	mg/L	0.002	0.00083	
		SW7841	Thallium	ND	mg/L	0.001	0.00081	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/L	0.001	0.00027	
			PCB-1221 (Aroclor 1221)	ND	mg/L	0.002	0.00025	
			PCB-1232 (Aroclor 1232)	ND	mg/L	0.001	0.00026	
			PCB-1242 (Aroclor 1242)	ND	mg/L	0.001	0.00021	
			PCB-1248 (Aroclor 1248)	ND	mg/L	0.001	0.00025	
			PCB-1254 (Aroclor 1254)	ND	mg/L	0.001	0.0003	
			PCB-1260 (Aroclor 1260)	ND	mg/L	0.001	0.00032	
		SW8260	1,1,1,2-Tetrachloroethane	ND	mg/L	0.001	0.00026	
			1,1,1-Trichloroethane	ND	mg/L	0.001	0.0004	
			1,1,2,2-Tetrachloroethane	ND	mg/L	0.001	0.00032	
			1,1,2-Trichloro-1,2,2-trifluoroeth	ND	mg/L	0.002	0.0003	
			1,1,2-Trichloroethane	ND	mg/L	0.001	0.00039	
			1,1-Dichloroethane	ND	mg/L	0.001	0.00049	
			1,1-Dichloroethene	ND	mg/L	0.001	0.00049	
			1,1-Dichloropropene	ND	mg/L	0.001	0.00028	
			1,2,3-Trichlorobenzene	ND	mg/L	0.005	0.00035	
			1,2,3-Trichloropropane	ND	mg/L	0.003	0.00092	
			1,2,4-Trichlorobenzene	ND	mg/L	0.005	0.00049	
			1,2,4-Trimethylbenzene	ND	mg/L	0.001	0.00034	
			1,2-Dibromo-3-chloropropan	ND	mg/L	0.005	0.00097	
			1,2-Dibromoethane	ND	mg/L	0.001	0.00033	
			1,2-Dichlorobenzene	ND	mg/L	0.001	0.00038	
			1,2-Dichloroethane	ND	mg/L	0.001	0.00037	
			1,2-Dichloropropane	ND	mg/L	0.001	0.00042	
			1,3,5-Trimethylbenzene	ND	mg/L	0.001	0.00043	
			1,3-Dichlorobenzene	ND	mg/L	0.001	0.00044	
			1,3-Dichloropropane	ND	mg/L	0.001	0.00024	
			1,4-Dichlorobenzene	ND	mg/L	0.001	0.0004	
			2,2-Dichloropropane	ND	mg/L	0.001	0.00037	
			2-Butanone	ND	mg/L	0.005	0.0028	
			2-Chloroethyl vinyl ether	ND	mg/L	0.005	0.00019	
			2-Chlorotoluene	ND	mg/L	0.001	0.00046	
			2-Hexanone	ND	mg/L	0.005	0.0011	
			4-Chlorotoluene	ND	mg/L	0.001	0.00059	
			4-Isopropyltoluene	ND	mg/L	0.001	0.00026	
			4-Methyl-2-pentanone	ND	mg/L	0.005	0.0014	

Summary of Analytical Results Site 9
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE09WP102	Ground Water	SW8260	Acetone	ND	mg/L	0.005	0.003	
			Acrolein	ND	mg/L	0.05	0.0041	
			Acrylamide	ND	mg/L	0.001	0.00078	
			Benzene	ND	mg/L	0.001	0.00043	
			Bromobenzene	ND	mg/L	0.001	0.00058	
			Bromochloromethane	ND	mg/L	0.001	0.00058	
			Bromodichloromethane	ND	mg/L	0.001	0.00034	
			Bromoethane	ND	mg/L	0.002	0.00064	
			Bromoform	ND	mg/L	0.001	0.00031	
			Bromomethane	ND	mg/L	0.001	0.00058	
			Carbon disulfide	ND	mg/L	0.001	0.00036	
			Carbon tetrachloride	ND	mg/L	0.001	0.00045	
			Chlorobenzene	ND	mg/L	0.001	0.00036	
			Chloroethane	ND	mg/L	0.001	0.00051	
			Chloroform	ND	mg/L	0.001	0.00053	
			Chloromethane	ND	mg/L	0.001	0.00056	
			cis-1,2-Dichloroethene	ND	mg/L	0.001	0.00039	
			cis-1,3-Dichloropropene	ND	mg/L	0.001	0.00027	
			Dibromochloromethane	ND	mg/L	0.001	0.00024	
			Dibromomethane	ND	mg/L	0.001	0.00053	
			Ethylbenzene	ND	mg/L	0.001	0.00035	
			Hexachlorobutadiene	ND	mg/L	0.005	0.00058	
			Isopropylbenzene	ND	mg/L	0.001	0.00037	
			m,p-Xylene (sum)	ND	mg/L	0.001	0.00061	
			Methyl iodide	ND	mg/L	0.001	0.00061	
			Methylene chloride	ND	mg/L	0.002	0.00069	
			Naphthalene	ND	mg/L	0.005	0.00028	
			n-Butylbenzene	ND	mg/L	0.001	0.00026	
			n-Propylbenzene	ND	mg/L	0.001	0.00043	
			o-Xylene	ND	mg/L	0.001	0.00035	
			sec-Butylbenzene	ND	mg/L	0.001	0.00025	
			Styrene	ND	mg/L	0.001	0.00028	
			tert-Butylbenzene	ND	mg/L	0.001	0.00035	
			Tetrachloroethene	ND	mg/L	0.001	0.00031	
			Toluene	ND	mg/L	0.001	0.00042	
			trans-1,2-Dichloroethene	ND	mg/L	0.001	0.00054	
			trans-1,3-Dichloropropene	ND	mg/L	0.001	0.00026	
			trans-1,4-Dichloro-2-butene	ND	mg/L	0.005	0.0003	
			Trichloroethene	ND	mg/L	0.001	0.00042	
			Trichlorofluoromethane	ND	mg/L	0.001	0.00029	
			Vinyl acetate	ND	mg/L	0.005	0.0004	
			Vinyl chloride	ND	mg/L	0.001	0.0004	

Key:
DRO - diesel range organics
MDL - method detection limit
mg/L - milligram per liter
mg/Kg - milligram per kilogram
MRL - method reporting limit
ND - not detected
RRO - residual range organics
SIM - selected ion monitoring
VB - The analyte was detected in the assoicated blank and the sample indicating possible contamination.
VJ - The analyte was positively identified; the quantitaion is an estimation.
VQQ - The practical quantation limit is approximate due to QC or matrix effects.

Summary of Analytical Results Site 14
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Results	Units	MRL	MDL	Qualifier
01NE14SS101	Surface soil	SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.36	0.0971	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.73	0.116	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.36	0.0502	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.36	0.0593	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.36	0.0389	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.36	0.117	
			PCB-1260 (Aroclor 1260)	3.6	mg/Kg	0.36	0.0953	
01NE14SS102	Surface soil	SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.037	0.00978	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.073	0.0117	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.037	0.00505	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.037	0.00597	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.037	0.00392	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.037	0.0118	
			PCB-1260 (Aroclor 1260)	19	mg/Kg	0.73	0.192	
01NE14SS103	Surface soil	SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.037	0.0099	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.074	0.0119	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.037	0.00512	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.037	0.00604	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.037	0.00397	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.037	0.012	
			PCB-1260 (Aroclor 1260)	0.2	mg/Kg	0.037	0.00971	
01NE14SS203	Surface soil	SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.037	0.00993	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.074	0.0119	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.037	0.00513	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.037	0.00607	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.037	0.00398	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.037	0.012	
			PCB-1260 (Aroclor 1260)	0.3	mg/Kg	0.037	0.00975	

Key:
MDL - method detection limit
mg/L - milligram per liter
mg/Kg - milligram per kilogram
MRL - method reporting limit
ND - not detected
PCB - polychlorinated biphenyls

Summary of Analytical Results Site 16
2001 Sampling Event

Sample ID	Matrix	Method	analyte	Result	Units	MRL	MDL	Qualifier
01NE16GW101	Ground Water MW 16-1	SW8270	1,2,4-Trichlorobenzene	ND	mg/L	0.001	0.00016	
			1,2-Dichlorobenzene	ND	mg/L	0.001	0.00017	
			1,3-Dichlorobenzene	ND	mg/L	0.001	0.00016	
			1,4-Dichlorobenzene	ND	mg/L	0.001	0.00022	
			2,4,5-Trichlorophenol	ND	mg/L	0.005	0.00028	
			2,4,6-Trichlorophenol	ND	mg/L	0.005	0.00025	
			2,4-Dichlorophenol	ND	mg/L	0.003	0.00025	
			2,4-Dimethylphenol	ND	mg/L	0.003	0.00081	
			2,4-Dinitrophenol	ND	mg/L	0.01	0.01	
			2,4-Dinitrotoluene	ND	mg/L	0.005	0.00026	
			2,6-Dinitrotoluene	ND	mg/L	0.005	0.00022	
			2-Chloronaphthalene	ND	mg/L	0.001	0.00019	
			2-Chlorophenol	ND	mg/L	0.001	0.00033	
			2-Methyl-4,6-dinitrophenol	ND	mg/L	0.01	0.00819	
			2-Methylnaphthalene	ND	mg/L	0.001	0.00017	
			2-Methylphenol (o-Cresol)	ND	mg/L	0.001	0.00031	
			2-Nitroaniline	ND	mg/L	0.005	0.00039	
			2-Nitrophenol	ND	mg/L	0.005	0.0002	
			3,3'-Dichlorobenzidine	ND	mg/L	0.005	0.00114	
			3-Nitroaniline	ND	mg/L	0.006	0.00048	
			4-Bromophenyl phenyl ether	ND	mg/L	0.001	0.00022	
			4-Chloro-3-methylphenol	ND	mg/L	0.002	0.00075	
			4-Chloroaniline	ND	mg/L	0.003	0.0008	
			4-Chlorophenyl phenyl ether	ND	mg/L	0.001	0.0002	
			4-Methylphenol (p-Cresol)	ND	mg/L	0.001	0.00034	
			4-Nitroaniline	ND	mg/L	0.005	0.00042	
			4-Nitrophenol	ND	mg/L	0.005	0.00092	
			Acenaphthene	ND	mg/L	0.001	0.00012	
			Acenaphthylene	ND	mg/L	0.001	0.00011	
			Anthracene	ND	mg/L	0.001	0.00024	
			Benzo(a)anthracene	ND	mg/L	0.001	0.00018	
			Benzo(a)pyrene	ND	mg/L	0.001	0.00018	
			Benzo(b)fluoranthene	ND	mg/L	0.001	0.00045	
			Benzo(g,h,i)perylene	ND	mg/L	0.001	0.00025	
			Benzo(k)fluoranthene	ND	mg/L	0.001	0.00033	
			Benzoic acid	ND	mg/L	0.01	0.01	
			Benzyl alcohol	ND	mg/L	0.005	0.0002	
			Benzyl butyl phthalate	ND	mg/L	0.001	0.00026	
			bis-(2-chloroethoxy)methane	ND	mg/L	0.001	0.00018	
			bis-(2-Chloroethyl)ether	ND	mg/L	0.002	0.00023	
			bis(2-Chloroisopropyl)ether	ND	mg/L	0.001	0.00026	
			bis-(2-ethylhexyl)phthalate	0.003	mg/L	0.001	0.00025	VB
			Carbazole	ND	mg/L	0.001	0.0002	
			Chrysene	ND	mg/L	0.001	0.00024	
			Dibenzo(a,h)anthracene	ND	mg/L	0.001	0.00016	
			Dibenzofuran	ND	mg/L	0.001	0.00017	
			Diethyl phthalate	ND	mg/L	0.001	0.00014	
			Dimethyl phthalate	ND	mg/L	0.001	0.00011	
			Di-n-butyl phthalate	ND	mg/L	0.001	0.00019	
			Di-n-octyl phthalate	ND	mg/L	0.001	0.00024	
			Fluoranthene	ND	mg/L	0.001	0.00018	
			Fluorene	ND	mg/L	0.001	0.00015	
			Hexachlorobenzene	ND	mg/L	0.001	0.0002	
			Hexachlorobutadiene	ND	mg/L	0.002	0.00021	
			Hexachlorocyclopentadiene	ND	mg/L	0.005	0.00054	
			Hexachloroethane	ND	mg/L	0.002	0.00015	
			Indeno(1,2,3-cd)pyrene	ND	mg/L	0.001	0.00028	

Summary of Analytical Results Site 16
2001 Sampling Event

Sample ID	Matrix	Method	analyte	Result	Units	MRL	MDL	Qualifier
01NE16GW101	Ground Water MW 16-1	SW8270	Isophorone	ND	mg/L	0.001	0.00014	
			Naphthalene	ND	mg/L	0.001	0.00013	
			Nitrobenzene	ND	mg/L	0.001	0.00017	
			n-Nitrosodi-n-propylamine	ND	mg/L	0.002	0.00019	
			n-Nitrosodiphenylamine	ND	mg/L	0.001	0.0002	
			Pentachlorophenol	ND	mg/L	0.005	0.00302	
			Phenanthrene	ND	mg/L	0.001	0.00017	
			Phenol	ND	mg/L	0.002	0.00018	
			Pyrene	ND	mg/L	0.001	0.00023	
01NE16GW102	Ground Water MW 16-2	SW8270	1,2,4-Trichlorobenzene	ND	mg/L	0.001	0.00016	
			1,2-Dichlorobenzene	ND	mg/L	0.001	0.00017	
			1,3-Dichlorobenzene	ND	mg/L	0.001	0.00016	
			1,4-Dichlorobenzene	ND	mg/L	0.001	0.00022	
			2,4,5-Trichlorophenol	ND	mg/L	0.005	0.00028	
			2,4,6-Trichlorophenol	ND	mg/L	0.005	0.00025	
			2,4-Dichlorophenol	ND	mg/L	0.003	0.00025	
			2,4-Dimethylphenol	ND	mg/L	0.003	0.00081	
			2,4-Dinitrophenol	ND	mg/L	0.01	0.01	
			2,4-Dinitrotoluene	ND	mg/L	0.005	0.00026	
			2,6-Dinitrotoluene	ND	mg/L	0.005	0.00022	
			2-Chloronaphthalene	ND	mg/L	0.001	0.00019	
			2-Chlorophenol	ND	mg/L	0.001	0.00033	
			2-Methyl-4,6-dinitrophenol	ND	mg/L	0.01	0.00819	
			2-Methylnaphthalene	ND	mg/L	0.001	0.00017	
			2-Methylphenol (o-Cresol)	ND	mg/L	0.001	0.00031	
			2-Nitroaniline	ND	mg/L	0.005	0.00039	
			2-Nitrophenol	ND	mg/L	0.005	0.0002	
			3,3'-Dichlorobenzidine	ND	mg/L	0.005	0.00114	
			3-Nitroaniline	ND	mg/L	0.006	0.00048	
			4-Bromophenyl phenyl ether	ND	mg/L	0.001	0.00022	
			4-Chloro-3-methylphenol	ND	mg/L	0.002	0.00075	
			4-Chloroaniline	ND	mg/L	0.003	0.0008	
			4-Chlorophenyl phenyl ether	ND	mg/L	0.001	0.0002	
			4-Methylphenol (p-Cresol)	ND	mg/L	0.001	0.00034	
			4-Nitroaniline	ND	mg/L	0.005	0.00042	
			4-Nitrophenol	ND	mg/L	0.005	0.00092	
			Acenaphthene	ND	mg/L	0.001	0.00012	
			Acenaphthylene	ND	mg/L	0.001	0.00011	
			Anthracene	ND	mg/L	0.001	0.00024	
			Benzo(a)anthracene	ND	mg/L	0.001	0.00018	
			Benzo(a)pyrene	ND	mg/L	0.001	0.00018	
			Benzo(b)fluoranthene	ND	mg/L	0.001	0.00045	
			Benzo(g,h,i)perylene	ND	mg/L	0.001	0.00025	
			Benzo(k)fluoranthene	ND	mg/L	0.001	0.00033	
			Benzoic acid	ND	mg/L	0.01	0.01	
			Benzyl alcohol	ND	mg/L	0.005	0.0002	
			Benzyl butyl phthalate	ND	mg/L	0.001	0.00026	
			bis-(2-chloroethoxy)methane	ND	mg/L	0.001	0.00018	
			bis-(2-Chloroethyl)ether	ND	mg/L	0.002	0.00023	
			bis(2-Chloroisopropyl)ether	ND	mg/L	0.001	0.00026	
			bis-(2-ethylhexyl)phthalate	0.001	mg/L	0.001	0.00025	VB
			Carbazole	ND	mg/L	0.001	0.0002	
			Chrysene	ND	mg/L	0.001	0.00024	
			Dibenzo(a,h)anthracene	ND	mg/L	0.001	0.00016	
			Dibenzofuran	ND	mg/L	0.001	0.00017	
			Diethyl phthalate	ND	mg/L	0.001	0.00014	
			Dimethyl phthalate	ND	mg/L	0.001	0.00011	

Summary of Analytical Results Site 16
2001 Sampling Event

Sample ID	Matrix	Method	analyte	Result	Units	MRL	MDL	Qualifier
01NE16GW102	Ground Water	SW8270	Di-n-butyl phthalate	ND	mg/L	0.001	0.00019	
			Di-n-octyl phthalate	ND	mg/L	0.001	0.00024	
			Fluoranthene	ND	mg/L	0.001	0.00018	
			Fluorene	ND	mg/L	0.001	0.00015	
			Hexachlorobenzene	ND	mg/L	0.001	0.0002	
			Hexachlorobutadiene	ND	mg/L	0.002	0.00021	
			Hexachlorocyclopentadiene	ND	mg/L	0.005	0.00054	
			Hexachloroethane	ND	mg/L	0.002	0.00015	
			Indeno(1,2,3-cd)pyrene	ND	mg/L	0.001	0.00028	
			Isophorone	ND	mg/L	0.001	0.00014	
			Naphthalene	ND	mg/L	0.001	0.00013	
			Nitrobenzene	ND	mg/L	0.001	0.00017	
			n-Nitrosodi-n-propylamine	ND	mg/L	0.002	0.00019	
			n-Nitrosodiphenylamine	ND	mg/L	0.001	0.0002	
			Pentachlorophenol	ND	mg/L	0.005	0.00302	
			Phenanthrene	ND	mg/L	0.001	0.00017	
			Phenol	ND	mg/L	0.002	0.00018	
			Pyrene	ND	mg/L	0.001	0.00023	
01NE16GW103	Ground Water	8270SIM	2-Methylnaphthalene	ND	mg/L	5E-05	0.00005	
			Acenaphthene	5E-05	mg/L	5E-05	0.00004	
			Acenaphthylene	ND	mg/L	5E-05	0.00005	
			Anthracene	ND	mg/L	5E-05	0.00002	
			Benzo(a)anthracene	ND	mg/L	5E-05	0.00002	
			Benzo(a)pyrene	ND	mg/L	5E-05	0.00001	
			Benzo(b)fluoranthene	ND	mg/L	5E-05	0.00002	
			Benzo(g,h,i)perylene	ND	mg/L	5E-05	0.00004	
			Benzo(k)fluoranthene	ND	mg/L	5E-05	0.00002	
			Chrysene	ND	mg/L	5E-05	0.00001	
			Dibenzo(a,h)anthracene	ND	mg/L	5E-05	0.00005	
			Dibenzofuran	ND	mg/L	5E-05	0.00005	
			Fluoranthene	ND	mg/L	5E-05	0.00005	
			Fluorene	8E-05	mg/L	5E-05	0.00005	
			Indeno(1,2,3-cd)pyrene	ND	mg/L	5E-05	0.00004	
			Naphthalene	0.002	mg/L	5E-05	0.00005	
			Phenanthrene	ND	mg/L	5E-05	0.00004	
			Pyrene	ND	mg/L	5E-05	0.00005	
01NE16GW201	Ground Water FD MW16-1	SW8270	1,2,4-Trichlorobenzene	ND	mg/L	0.001	0.00016	
			1,2-Dichlorobenzene	ND	mg/L	0.001	0.00017	
			1,3-Dichlorobenzene	ND	mg/L	0.001	0.00016	
			1,4-Dichlorobenzene	ND	mg/L	0.001	0.00022	
			2,4,5-Trichlorophenol	ND	mg/L	0.005	0.00028	
			2,4,6-Trichlorophenol	ND	mg/L	0.005	0.00025	
			2,4-Dichlorophenol	ND	mg/L	0.003	0.00025	
			2,4-Dimethylphenol	ND	mg/L	0.003	0.00081	
			2,4-Dinitrophenol	ND	mg/L	0.01	0.01	
			2,4-Dinitrotoluene	ND	mg/L	0.005	0.00026	
			2,6-Dinitrotoluene	ND	mg/L	0.005	0.00022	
			2-Chloronaphthalene	ND	mg/L	0.001	0.00019	
			2-Chlorophenol	ND	mg/L	0.001	0.00033	
			2-Methyl-4,6-dinitrophenol	ND	mg/L	0.01	0.00819	
			2-Methylnaphthalene	ND	mg/L	0.001	0.00017	
			2-Methylphenol (o-Cresol)	ND	mg/L	0.001	0.00031	
			2-Nitroaniline	ND	mg/L	0.005	0.00039	
			2-Nitrophenol	ND	mg/L	0.005	0.0002	
			3,3'-Dichlorobenzidine	ND	mg/L	0.005	0.00114	
			3-Nitroaniline	ND	mg/L	0.006	0.00048	
			4-Bromophenyl phenyl ether	ND	mg/L	0.001	0.00022	

Summary of Analytical Results Site 16
2001 Sampling Event

Sample ID	Matrix	Method	analyte	Result	Units	MRL	MDL	Qualifier
01NE16GW201	Ground Water FD MW16-1	SW8270	4-Chloro-3-methylphenol	ND	mg/L	0.002	0.00075	
			4-Chloroaniline	ND	mg/L	0.003	0.0008	
			4-Chlorophenyl phenyl ether	ND	mg/L	0.001	0.0002	
			4-Methylphenol (p-Cresol)	ND	mg/L	0.001	0.00034	
			4-Nitroaniline	ND	mg/L	0.005	0.00042	
			4-Nitrophenol	ND	mg/L	0.005	0.00092	
			Acenaphthene	ND	mg/L	0.001	0.00012	
			Acenaphthylene	ND	mg/L	0.001	0.00011	
			Anthracene	ND	mg/L	0.001	0.00024	
			Benzo(a)anthracene	ND	mg/L	0.001	0.00018	
			Benzo(a)pyrene	ND	mg/L	0.001	0.00018	
			Benzo(b)fluoranthene	ND	mg/L	0.001	0.00045	
			Benzo(g,h,i)perylene	ND	mg/L	0.001	0.00025	
			Benzo(k)fluoranthene	ND	mg/L	0.001	0.00033	
			Benzoic acid	ND	mg/L	0.01	0.01	
			Benzyl alcohol	ND	mg/L	0.005	0.0002	
			Benzyl butyl phthalate	ND	mg/L	0.001	0.00026	
			bis-(2-chloroethoxy)methane	ND	mg/L	0.001	0.00018	
			bis-(2-Chloroethyl)ether	ND	mg/L	0.002	0.00023	
			bis(2-Chloroisopropyl)ether	ND	mg/L	0.001	0.00026	
			bis-(2-ethylhexyl)phthalate	0.002	mg/L	0.001	0.00025	VB
			Carbazole	ND	mg/L	0.001	0.0002	
			Chrysene	ND	mg/L	0.001	0.00024	
			Dibenzo(a,h)anthracene	ND	mg/L	0.001	0.00016	
			Dibenzofuran	ND	mg/L	0.001	0.00017	
			Diethyl phthalate	ND	mg/L	0.001	0.00014	
			Dimethyl phthalate	ND	mg/L	0.001	0.00011	
			Di-n-butyl phthalate	ND	mg/L	0.001	0.00019	
			Di-n-octyl phthalate	ND	mg/L	0.001	0.00024	
			Fluoranthene	ND	mg/L	0.001	0.00018	
			Fluorene	ND	mg/L	0.001	0.00015	
			Hexachlorobenzene	ND	mg/L	0.001	0.0002	
			Hexachlorobutadiene	ND	mg/L	0.002	0.00021	
			Hexachlorocyclopentadiene	ND	mg/L	0.005	0.00054	
			Hexachloroethane	ND	mg/L	0.002	0.00015	
			Indeno(1,2,3-cd)pyrene	ND	mg/L	0.001	0.00028	
			Isophorone	ND	mg/L	0.001	0.00014	
			Naphthalene	ND	mg/L	0.001	0.00013	
			Nitrobenzene	ND	mg/L	0.001	0.00017	
			n-Nitrosodi-n-propylamine	ND	mg/L	0.002	0.00019	
			n-Nitrosodiphenylamine	ND	mg/L	0.001	0.0002	
			Pentachlorophenol	ND	mg/L	0.005	0.00302	
			Phenanthrene	ND	mg/L	0.001	0.00017	
			Phenol	ND	mg/L	0.002	0.00018	
			Pyrene	ND	mg/L	0.001	0.00023	
01NE16SS165	Surface soil	SW6010B	Lead	205	mg/Kg	2	0.7	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.037	0.00999	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.075	0.012	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.037	0.00516	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.037	0.0061	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.037	0.004	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.037	0.0121	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.037	0.0098	
01NE16SS166	Surface soil	SW6010B	Lead	42	mg/Kg	2	0.7	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.041	0.0109	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.082	0.0131	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.041	0.00563	

Summary of Analytical Results Site 16
2001 Sampling Event

Sample ID	Matrix	Method	analyte	Result	Units	MRL	MDL	Qualifier
01NE16SS166	Surface soil	SW8082	PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.041	0.00665	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.041	0.00437	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.041	0.0132	
			PCB-1260 (Aroclor 1260)	0.062	mg/Kg	0.041	0.0107	
01NE16SS167	Surface soil	SW8081	4,4'-DDD	ND	mg/Kg	0.0037	0.00017	
			4,4'-DDE	ND	mg/Kg	0.0037	0.00014	
			4,4'-DDT	0.011	mg/Kg	0.0037	0.00025	
			Aldrin	ND	mg/Kg	0.0018	0.000066	
			alpha-BHC	ND	mg/Kg	0.0018	0.000099	
			alpha-Chlordane	ND	mg/Kg	0.0018	0.000055	
			beta-BHC	ND	mg/Kg	0.0018	0.00011	
			delta-BHC	ND	mg/Kg	0.0018	0.000081	
			Dieldrin	ND	mg/Kg	0.0037	0.00011	
			Endosulfan I	ND	mg/Kg	0.0018	0.000099	
			Endosulfan II	ND	mg/Kg	0.0037	0.00023	
			Endosulfan sulfate	ND	mg/Kg	0.0037	0.00031	
			Endrin	ND	mg/Kg	0.0037	0.00011	
			Endrin aldehyde	ND	mg/Kg	0.0037	0.00021	
			Endrin ketone	ND	mg/Kg	0.0037	0.00038	
			gamma-BHC (Lindane)	ND	mg/Kg	0.0018	0.000077	
			gamma-Chlordane	ND	mg/Kg	0.0018	0.00007	
			Heptachlor	ND	mg/Kg	0.0018	0.000081	
			Heptachlor epoxide	ND	mg/Kg	0.0018	0.000081	
			Methoxychlor	ND	mg/Kg	0.018	0.0011	
			Toxaphene	ND	mg/Kg	0.18	0.0083	
01NE16SS168	Surface soil	SW8081	4,4'-DDD	0.006	mg/Kg	0.0038	0.00017	
			4,4'-DDE	0.005	mg/Kg	0.0038	0.00015	
			4,4'-DDT	0.12	mg/Kg	0.019	0.0013	
			Aldrin	ND	mg/Kg	0.0019	0.000069	
			alpha-BHC	ND	mg/Kg	0.0019	0.0001	
			alpha-Chlordane	ND	mg/Kg	0.0019	0.000057	
			beta-BHC	ND	mg/Kg	0.0019	0.00011	
			delta-BHC	ND	mg/Kg	0.0019	0.000084	
			Dieldrin	ND	mg/Kg	0.0038	0.00011	
			Endosulfan I	0.003	mg/Kg	0.0019	0.0001	
			Endosulfan II	ND	mg/Kg	0.0038	0.00024	
			Endosulfan sulfate	ND	mg/Kg	0.0038	0.00032	
			Endrin	ND	mg/Kg	0.0038	0.00011	
			Endrin aldehyde	ND	mg/Kg	0.0064	0.00022	
			Endrin ketone	ND	mg/Kg	0.0038	0.00039	
			gamma-BHC (Lindane)	ND	mg/Kg	0.0019	0.00008	
			gamma-Chlordane	ND	mg/Kg	0.0019	0.000073	
			Heptachlor	ND	mg/Kg	0.0019	0.000084	
			Heptachlor epoxide	ND	mg/Kg	0.0019	0.000084	
			Methoxychlor	ND	mg/Kg	0.019	0.0011	
			Toxaphene	ND	mg/Kg	0.19	0.0086	
01NE16SS265	Surface soil FDSS165	SW6010B	Lead	240	mg/Kg	2	0.7	

Key:
MDL - method detection limit
mg/L - milligram per liter
mg/Kg - milligram per kilogram
MRL - method reporting limit
ND - not detected
SIM - selected ion monitoring
VB - The analyte was detected in the assoicated blank and the sample indicating possible contamination.

Summary of Analytical Results Site 21
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE21SB169	Soil boring Surface soil Depth 1.5 to 2 feet bgs	SW8260 SIM	Benzene	ND	mg/L	0.0041	0.0041	
			Ethylbenzene	0.0067	mg/L	0.0041	0.002	
			m,p-Xylene (sum)	0.021	mg/L	0.0082	0.0082	
			o-Xylene	0.0063	mg/L	0.0041	0.0035	
			Toluene	0.024	mg/L	0.0041	0.0039	
		AK101	GRO	ND	mg/Kg	5.42	1.88	
		AK102	DRO	640	mg/Kg	50	6.1	
		AK103	RRO	3700	mg/Kg	100	100	VJ
		E200.8	Arsenic	3	mg/Kg	0.3	0.06	
		SW6010B	Aluminum	18100	mg/Kg	3	2	
			Antimony	ND	mg/Kg	7	2	
			Barium	122	mg/Kg	0.4	0.05	
			Beryllium	0.3	mg/Kg	0.1	0.04	
			Cadmium	ND	mg/Kg	0.3	0.1	
			Calcium	1320	mg/Kg	7	0.04	
			Chromium	27.4	mg/Kg	0.7	0.2	
			Cobalt	3.8	mg/Kg	0.4	0.08	
			Copper	10.6	mg/Kg	0.3	0.3	
			Iron	12700	mg/Kg	3	0.9	
			Lead	12	mg/Kg	3	0.9	
			Magnesium	3380	mg/Kg	3	1	
			Manganese	77.2	mg/Kg	0.1	0.04	
			Nickel	13	mg/Kg	1	0.5	
			Potassium	980	mg/Kg	70	50	
			Selenium	ND	mg/Kg	7	1	
			Silver	ND	mg/Kg	0.4	0.1	
			Sodium	170	mg/Kg	7	2	
			Thallium	ND	mg/Kg	7	0.8	
			Vanadium	40	mg/Kg	0.4	0.2	
			Zinc	29.5	mg/Kg	0.8	0.4	
		SW7471A	Mercury	0.09	mg/Kg	0.07	0.02	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.045	0.0121	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.091	0.0145	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.045	0.00626	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.045	0.00739	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.045	0.00485	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.045	0.0146	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.045	0.0119	
01NE21SB170	Soil boring Surface soil Depth 1.5 to 2 feet bgs	SW8260 SIM	Benzene	ND	mg/L	0.0029	0.0029	
			Ethylbenzene	ND	mg/L	0.0029	0.0014	
			m,p-Xylene (sum)	ND	mg/L	0.0058	0.0058	
			o-Xylene	ND	mg/L	0.0029	0.0025	
			Toluene	0.0072	mg/L	0.0029	0.0028	
		AK101	GRO	ND	mg/Kg	6.43	2.22	
		AK102	DRO	340	mg/Kg	100	13	
		AK103	RRO	2300	mg/Kg	200	200	VJ
		E200.8	Arsenic	4	mg/Kg	0.3	0.06	
		SW6010B	Aluminum	13400	mg/Kg	3	2	
			Antimony	ND	mg/Kg	8	2	
			Barium	97.2	mg/Kg	0.5	0.06	
			Beryllium	0.7	mg/Kg	0.2	0.05	
			Cadmium	ND	mg/Kg	0.3	0.1	
			Calcium	3400	mg/Kg	8	0.05	
			Chromium	20.5	mg/Kg	0.8	0.2	
			Cobalt	5.2	mg/Kg	0.5	0.09	
			Copper	27.2	mg/Kg	0.3	0.3	
			Iron	16700	mg/Kg	3	1	
			Lead	13	mg/Kg	3	1	
			Magnesium	3330	mg/Kg	3	1	
			Manganese	151	mg/Kg	0.2	0.05	
			Nickel	13	mg/Kg	2	0.5	
01NE21SB170	Soil boring Surface soil	SW6010B	Potassium	1000	mg/Kg	80	60	

Summary of Analytical Results Site 21
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
	Depth 1.5 to 2 feet bgs		Selenium	ND	mg/Kg	8	2	
			Silver	ND	mg/Kg	0.5	0.1	
			Sodium	239	mg/Kg	8	2	
			Thallium	ND	mg/Kg	8	0.9	
			Vanadium	34.7	mg/Kg	0.5	0.3	
			Zinc	63.2	mg/Kg	0.9	0.4	
		SW7471A	Mercury	0.07	mg/Kg	0.07	0.02	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.049	0.0131	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.098	0.0157	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.049	0.00679	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.049	0.00802	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.049	0.00526	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.049	0.0159	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.049	0.0129	
01NE21SB171	Soil boring Surface soil Depth 1.5 to 2 feet bgs	SW8260 SIM	Benzene	ND	mg/L	0.01	0.01	
			Ethylbenzene	ND	mg/L	0.01	0.005	
			m,p-Xylene (sum)	0.023	mg/L	0.021	0.021	
			o-Xylene	ND	mg/L	0.01	0.0087	
			Toluene	0.041	mg/L	0.01	0.0098	
		AK101	GRO	ND	mg/Kg	5	1.46	VQQ
		AK102	DRO	ND	mg/Kg	5	0.53	
		AK103	RRO	25	mg/Kg	10	10	VJ
		E200.8	Arsenic	4.3	mg/Kg	0.2	0.05	
		SW6010B	Aluminum	14800	mg/Kg	3	1	
			Antimony	ND	mg/Kg	6	2	
			Barium	122	mg/Kg	0.4	0.05	
			Beryllium	1	mg/Kg	0.1	0.04	
			Cadmium	0.4	mg/Kg	0.3	0.1	
			Calcium	5240	mg/Kg	6	0.04	
			Chromium	41	mg/Kg	0.6	0.2	
			Cobalt	8.3	mg/Kg	0.4	0.08	
			Copper	16.4	mg/Kg	0.3	0.3	
			Iron	23900	mg/Kg	3	0.8	
			Lead	21	mg/Kg	3	0.8	
			Magnesium	8770	mg/Kg	3	1	
			Manganese	452	mg/Kg	0.1	0.04	
			Nickel	26	mg/Kg	1	0.4	
			Potassium	3670	mg/Kg	60	50	
			Selenium	ND	mg/Kg	6	1	
			Silver	ND	mg/Kg	0.4	0.09	
			Sodium	457	mg/Kg	6	2	
			Thallium	ND	mg/Kg	6	0.8	
			Vanadium	51.6	mg/Kg	0.4	0.2	
			Zinc	133	mg/Kg	0.8	0.4	
		SW7471A	Mercury	ND	mg/Kg	0.06	0.02	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.039	0.0105	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.079	0.0126	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.039	0.00542	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.039	0.0064	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.039	0.0042	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.039	0.0127	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.039	0.0103	
01NE21SD113	Sediment	SW8260 SIM	Benzene	ND	mg/L	0.015	0.015	
			Ethylbenzene	ND	mg/L	0.015	0.0072	
			m,p-Xylene (sum)	ND	mg/L	0.029	0.029	
			o-Xylene	ND	mg/L	0.015	0.012	
			Toluene	0.055	mg/L	0.015	0.014	
		AK101	GRO	ND	mg/Kg	13.1	4.53	
		AK102	DRO	310	mg/Kg	100	18	
		AK103	RRO	2000	mg/Kg	200	200	VJ
01NE21SD113	Sediment	E200.8	Arsenic	12.1	mg/Kg	0.4	0.08	
		SW6010B	Aluminum	24600	mg/Kg	5	3	

Summary of Analytical Results Site 21
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
			Antimony	ND	mg/Kg	10	3	
			Barium	155	mg/Kg	0.7	0.1	
			Beryllium	1.7	mg/Kg	0.2	0.07	
			Cadmium	0.9	mg/Kg	0.5	0.2	
			Calcium	3920	mg/Kg	10	0.07	
			Chromium	36	mg/Kg	1	0.3	
			Cobalt	11.2	mg/Kg	0.7	0.1	
			Copper	37.4	mg/Kg	0.5	0.5	
			Iron	57400	mg/Kg	5	2	
			Lead	58	mg/Kg	5	2	
			Magnesium	6080	mg/Kg	5	2	
			Manganese	786	mg/Kg	0.2	0.07	
			Nickel	23	mg/Kg	2	0.8	
			Potassium	1950	mg/Kg	120	90	
			Selenium	ND	mg/Kg	10	2	
			Silver	ND	mg/Kg	0.7	0.2	
			Sodium	380	mg/Kg	10	3	
			Thallium	ND	mg/Kg	10	1	
			Vanadium	62.6	mg/Kg	0.7	0.4	
			Zinc	150	mg/Kg	1	0.7	
		SW7471A	Mercury	ND	mg/Kg	0.1	0.04	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.065	0.0174	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.13	0.0208	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.065	0.00898	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.065	0.0106	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.065	0.00696	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.065	0.021	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.065	0.017	
01NE21SD114	Sediment	SW8260 SIM	Benzene	ND	mg/L	0.0042	0.0042	
			Ethylbenzene	ND	mg/L	0.0042	0.002	
			m,p-Xylene (sum)	0.01	mg/L	0.0083	0.0083	
			o-Xylene	ND	mg/L	0.0042	0.0035	
			Toluene	0.019	mg/L	0.0042	0.004	
		AK101	GRO	ND	mg/Kg	30.1	10.4	
		AK102	DRO	310	mg/Kg	63	11	
		AK103	RRO	2000	mg/Kg	130	130	VJ
		E200.8	Arsenic	14.7	mg/Kg	0.5	0.09	
		SW6010B	Aluminum	33100	mg/Kg	7	4	
			Antimony	ND	mg/Kg	20	5	
			Barium	193	mg/Kg	1	0.1	
			Beryllium	1.8	mg/Kg	0.3	0.1	
			Cadmium	1.2	mg/Kg	0.7	0.3	
			Calcium	6910	mg/Kg	20	0.1	
			Chromium	50	mg/Kg	2	0.4	
			Cobalt	14.2	mg/Kg	1	0.2	
			Copper	54.6	mg/Kg	0.7	0.7	
			Iron	51400	mg/Kg	7	2	
			Lead	64	mg/Kg	7	2	
			Magnesium	8250	mg/Kg	7	3	
			Manganese	560	mg/Kg	0.3	0.1	
			Nickel	33	mg/Kg	3	1	
			Potassium	3180	mg/Kg	160	100	
			Selenium	ND	mg/Kg	20	3	
			Silver	ND	mg/Kg	1	0.2	
			Sodium	580	mg/Kg	20	5	
			Thallium	ND	mg/Kg	20	2	
			Vanadium	81.1	mg/Kg	1	0.6	
			Zinc	190	mg/Kg	2	1	
		SW7471A	Mercury	ND	mg/Kg	0.1	0.04	
01NE21SD114	Sediment	SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.084	0.0225	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.17	0.027	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.084	0.0116	

Summary of Analytical Results Site 21
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.084	0.0138	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.084	0.00903	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.084	0.0273	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.084	0.0221	
01NE21SS169	Surface Soil	SW8260 SIM	Benzene	ND	mg/Kg	0.015	0.015	
			Ethylbenzene	ND	mg/Kg	0.015	0.0072	
			m,p-Xylene (sum)	ND	mg/Kg	0.029	0.029	
			o-Xylene	ND	mg/Kg	0.015	0.012	
			Toluene	0.0394	mg/Kg	0.015	0.014	
		AK101	GRO	ND	mg/Kg	50.6	17.5	
		AK102	DRO	270	mg/Kg	68	12	
		AK103	RRO	2800	mg/Kg	140	140	VJ
		E200.8	Arsenic	7.4	mg/Kg	1	0.2	
		SW6010B	Aluminum	3940	mg/Kg	10	6	
			Antimony	ND	mg/Kg	30	8	
			Barium	59	mg/Kg	2	0.2	
			Beryllium	ND	mg/Kg	0.5	0.2	
			Cadmium	ND	mg/Kg	1	0.5	
			Calcium	4570	mg/Kg	30	0.2	
			Chromium	4	mg/Kg	3	0.7	
			Cobalt	3	mg/Kg	2	0.3	
			Copper	4	mg/Kg	1	1	
			Iron	41200	mg/Kg	10	3	
			Lead	ND	mg/Kg	10	4	
			Magnesium	1320	mg/Kg	10	5	
			Manganese	690	mg/Kg	0.5	0.2	
			Nickel	ND	mg/Kg	5	2	
			Potassium	650	mg/Kg	270	200	
			Selenium	ND	mg/Kg	30	5	
			Silver	ND	mg/Kg	2	0.4	
			Sodium	170	mg/Kg	30	8	
			Thallium	ND	mg/Kg	30	3	
			Vanadium	8	mg/Kg	2	0.9	
			Zinc	302	mg/Kg	3	2	
		SW7471A	Mercury	ND	mg/Kg	0.3	0.08	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.18	0.0485	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.36	0.0582	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.18	0.0251	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.18	0.0296	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.18	0.0195	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.18	0.0587	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.18	0.0476	
01NE21SS170	Surface Soil	SW8260 SIM	Benzene	ND	mg/L	0.0037	0.0037	
			Ethylbenzene	ND	mg/L	0.0037	0.0018	
			m,p-Xylene (sum)	0.0074	mg/L	0.0074	0.0074	
			o-Xylene	ND	mg/L	0.0037	0.0031	
			Toluene	0.011	mg/L	0.0037	0.0035	
		AK101	GRO	ND	mg/Kg	14.8	5.12	
		AK102	DRO	380	mg/Kg	120	21	
		AK103	RRO	2200	mg/Kg	230	230	VJ
		E200.8	Arsenic	5.9	mg/Kg	0.4	0.09	
		SW6010B	Aluminum	14700	mg/Kg	5	3	
			Antimony	ND	mg/Kg	10	3	
			Barium	103	mg/Kg	0.7	0.09	
			Beryllium	0.8	mg/Kg	0.2	0.07	
			Cadmium	0.9	mg/Kg	0.5	0.2	
			Calcium	4190	mg/Kg	10	0.07	
			Chromium	22	mg/Kg	1	0.3	
01NE21SS170	Surface Soil	SW6010B	Cobalt	4.5	mg/Kg	0.7	0.1	
			Copper	36.3	mg/Kg	0.5	0.5	
			Iron	19600	mg/Kg	5	1	
			Lead	25	mg/Kg	5	2	

Summary of Analytical Results Site 21
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
			Magnesium	3380	mg/Kg	5	2	
			Manganese	154	mg/Kg	0.2	0.07	
			Nickel	16	mg/Kg	2	0.8	
			Potassium	910	mg/Kg	120	90	
			Selenium	ND	mg/Kg	10	2	
			Silver	0.9	mg/Kg	0.7	0.2	
			Sodium	260	mg/Kg	10	3	
			Thallium	ND	mg/Kg	10	1	
			Vanadium	38.8	mg/Kg	0.7	0.4	
			Zinc	166	mg/Kg	1	0.7	
		SW7471A	Mercury	0.25	mg/Kg	0.1	0.03	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.077	0.0206	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.15	0.0247	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.077	0.0107	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.077	0.0126	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.077	0.00826	
			PCB-1254 (Aroclor 1254)	0.14	mg/Kg	0.077	0.0249	
			PCB-1260 (Aroclor 1260)	0.15	mg/Kg	0.077	0.0202	
01NE21SS171	Surface Soil	AK102	DRO	94	mg/Kg	25	3.5	
		AK103	RRO	530	mg/Kg	50	50	VJ
		E200.8	Arsenic	6.1	mg/Kg	0.3	0.07	
		SW6010B	Aluminum	17300	mg/Kg	4	2	
			Antimony	ND	mg/Kg	10	3	
			Barium	136	mg/Kg	0.6	0.08	
			Beryllium	1.6	mg/Kg	0.2	0.06	
			Cadmium	1.3	mg/Kg	0.4	0.2	
			Calcium	4600	mg/Kg	10	0.06	
			Chromium	39.8	mg/Kg	1	0.3	
			Cobalt	12.1	mg/Kg	0.6	0.1	
			Copper	23.7	mg/Kg	0.4	0.4	
			Iron	29500	mg/Kg	4	1	
			Lead	23	mg/Kg	4	1	
			Magnesium	6100	mg/Kg	4	2	
			Manganese	765	mg/Kg	0.2	0.06	
			Nickel	27	mg/Kg	2	0.7	
			Potassium	1960	mg/Kg	100	70	
			Selenium	ND	mg/Kg	10	2	
			Silver	ND	mg/Kg	0.6	0.1	
			Sodium	295	mg/Kg	10	3	
			Thallium	ND	mg/Kg	10	1	
			Vanadium	50.1	mg/Kg	0.6	0.3	
			Zinc	256	mg/Kg	1	0.6	
		SW7471A	Mercury	ND	mg/Kg	0.07	0.02	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.052	0.014	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.1	0.0168	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.052	0.00723	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.052	0.00853	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.052	0.0056	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.052	0.0169	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.052	0.0137	
01NE21SS172	Surface Soil	SW8260 SIM	Benzene	ND	mg/L	0.034	0.034	
			Ethylbenzene	ND	mg/L	0.034	0.017	
			m,p-Xylene (sum)	0.096	mg/L	0.069	0.069	
			o-Xylene	ND	mg/L	0.034	0.029	
			Toluene	0.14	mg/L	0.034	0.033	
		AK101	GRO	ND	mg/Kg	43.3	15	
		AK102	DRO	140	mg/Kg	10	1.8	
01NE21SS172	Surface Soil	AK103	RRO	390	mg/Kg	20	20	VJ
		E200.8	Arsenic	11.5	mg/Kg	0.8	0.2	
		SW6010B	Aluminum	19400	mg/Kg	10	6	
			Antimony	ND	mg/Kg	20	7	
			Barium	96	mg/Kg	1	0.2	

Summary of Analytical Results Site 21
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
			Beryllium	1.4	mg/Kg	0.5	0.1	
			Cadmium	ND	mg/Kg	1	0.4	
			Calcium	5160	mg/Kg	20	0.1	
			Chromium	25	mg/Kg	2	0.6	
			Cobalt	7	mg/Kg	1	0.3	
			Copper	37.3	mg/Kg	1	1	
			Iron	41200	mg/Kg	10	3	
			Lead	67	mg/Kg	10	3	
			Magnesium	4460	mg/Kg	10	4	
			Manganese	320	mg/Kg	0.5	0.1	
			Nickel	17	mg/Kg	5	2	
			Potassium	1450	mg/Kg	250	200	
			Selenium	ND	mg/Kg	20	5	
			Silver	ND	mg/Kg	1	0.3	
			Sodium	470	mg/Kg	20	7	
			Thallium	ND	mg/Kg	20	3	
			Vanadium	46	mg/Kg	1	0.8	
			Zinc	184	mg/Kg	3	1	
		SW7471A	Mercury	ND	mg/Kg	0.2	0.06	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.13	0.0356	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.27	0.0427	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.13	0.0184	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.13	0.0217	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.13	0.0143	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.13	0.0431	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.13	0.0349	
01NE21SS173	Surface Soil	SW8260 SIM	Benzene	ND	mg/L	0.014	0.014	
			Ethylbenzene	ND	mg/L	0.014	0.0067	
			m,p-Xylene (sum)	0.032	mg/L	0.027	0.027	
			o-Xylene	ND	mg/L	0.014	0.012	
			Toluene	0.073	mg/L	0.014	0.013	
		AK101	GRO	ND	mg/Kg	8.04	2.78	
		AK102	DRO	300	mg/Kg	100	15	
		AK103	RRO	1700	mg/Kg	200	200	VJ
		E200.8	Arsenic	4.5	mg/Kg	0.3	0.06	
		SW6010B	Aluminum	13200	mg/Kg	3	2	
			Antimony	ND	mg/Kg	8	2	
			Barium	115	mg/Kg	0.5	0.06	
			Beryllium	0.7	mg/Kg	0.2	0.05	
			Cadmium	0.8	mg/Kg	0.3	0.1	
			Calcium	3450	mg/Kg	8	0.05	
			Chromium	23.2	mg/Kg	0.8	0.2	
			Cobalt	4.7	mg/Kg	0.5	0.1	
			Copper	28.3	mg/Kg	0.3	0.3	
			Iron	14700	mg/Kg	3	1	
			Lead	17	mg/Kg	3	1	
			Magnesium	3400	mg/Kg	3	1	
			Manganese	163	mg/Kg	0.2	0.05	
			Nickel	13	mg/Kg	2	0.5	
			Potassium	880	mg/Kg	80	60	
			Selenium	ND	mg/Kg	8	2	
			Silver	ND	mg/Kg	0.5	0.1	
			Sodium	239	mg/Kg	8	2	
			Thallium	ND	mg/Kg	8	1	
			Vanadium	34.8	mg/Kg	0.5	0.3	
			Zinc	167	mg/Kg	1	0.5	
01NE21SS173	Surface Soil	SW7471A	Mercury	0.16	mg/Kg	0.06	0.02	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.057	0.0153	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.11	0.0183	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.057	0.00789	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.057	0.00931	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.057	0.00611	

Summary of Analytical Results Site 21
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
			PCB-1254 (Aroclor 1254)	0.14	mg/Kg	0.057	0.0185	
			PCB-1260 (Aroclor 1260)	0.18	mg/Kg	0.057	0.015	
01NE21SS269	Surface Soil	SW8260 SIM	Benzene	ND	mg/Kg	0.015	0.015	
			Ethylbenzene	ND	mg/Kg	0.015	0.0074	
			m,p-Xylene (sum)	ND	mg/Kg	0.03	0.03	
			o-Xylene	ND	mg/Kg	0.015	0.013	
			Toluene	ND	mg/Kg	0.015	0.014	
		AK101	GRO	ND	mg/Kg	47.1	16.3	
		AK102	DRO	220	mg/Kg	69	12	
		AK103	RRO	2200	mg/Kg	140	140	VJ
		E200.8	Arsenic	7	mg/Kg	1	0.2	
		SW6010B	Aluminum	4010	mg/Kg	10	6	
			Antimony	ND	mg/Kg	30	7	
			Barium	54	mg/Kg	2	0.2	
			Beryllium	ND	mg/Kg	0.5	0.2	
			Cadmium	ND	mg/Kg	1	0.4	
			Calcium	4310	mg/Kg	30	0.2	
			Chromium	4	mg/Kg	3	0.7	
			Cobalt	2	mg/Kg	2	0.3	
			Copper	4	mg/Kg	1	1	
			Iron	44600	mg/Kg	10	3	
			Lead	ND	mg/Kg	10	3	
			Magnesium	1320	mg/Kg	10	4	
			Manganese	561	mg/Kg	0.5	0.2	
			Nickel	ND	mg/Kg	5	2	
			Potassium	470	mg/Kg	260	200	
			Selenium	ND	mg/Kg	30	5	
			Silver	ND	mg/Kg	2	0.4	
			Sodium	250	mg/Kg	30	8	
			Thallium	ND	mg/Kg	30	3	
			Vanadium	9	mg/Kg	2	0.9	
			Zinc	253	mg/Kg	3	1	
		SW7471A	Mercury	ND	mg/Kg	0.2	0.07	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.18	0.049	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.37	0.0587	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.18	0.0253	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.18	0.0299	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.18	0.0196	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.18	0.0593	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.18	0.0481	
01NE21SW113	Surface Water	AK101	GRO	ND	mg/L	0.25	0.1	
		AK102	DRO	0.3	mg/L	0.25	0.02	
		AK103	RRO	ND	mg/L	0.5	0.5	VQQ
		SW6010B	Aluminum	0.11	mg/L	0.02	0.012	
			Antimony	ND	mg/L	0.05	0.014	
			Barium	0.005	mg/L	0.003	0.0004	
			Beryllium	ND	mg/L	0.001	0.0003	
			Cadmium	ND	mg/L	0.002	0.00084	
			Calcium	13.6	mg/L	0.05	0.0003	
			Chromium	ND	mg/L	0.005	0.0013	
			Cobalt	ND	mg/L	0.003	0.0006	
			Copper	ND	mg/L	0.002	0.002	
			Iron	4.17	mg/L	0.02	0.0063	
			Magnesium	2.96	mg/L	0.02	0.0084	
			Manganese	0.687	mg/L	0.001	0.0003	
01NE21SW113	Surface Water	SW6010B	Nickel	ND	mg/L	0.01	0.0034	
			Potassium	2.35	mg/L	0.5	0.38	
			Silver	ND	mg/L	0.003	0.0007	
			Sodium	27	mg/L	0.05	0.015	
			Vanadium	ND	mg/L	0.003	0.0017	
			Zinc	ND	mg/L	0.006	0.0029	
		SW7060A	Arsenic	0.002	mg/L	0.001	0.00054	

Summary of Analytical Results Site 21
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
		SW7421	Lead	ND	mg/L	0.001	0.00086	
		SW7470A	Mercury	ND	mg/L	0.0001	0.00003	
		SW7740	Selenium	ND	mg/L	0.002	0.00083	
		SW7841	Thallium	ND	mg/L	0.001	0.00081	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/L	0.001	0.00027	
			PCB-1221 (Aroclor 1221)	ND	mg/L	0.002	0.00025	
			PCB-1232 (Aroclor 1232)	ND	mg/L	0.001	0.00026	
			PCB-1242 (Aroclor 1242)	ND	mg/L	0.001	0.00021	
			PCB-1248 (Aroclor 1248)	ND	mg/L	0.001	0.00025	
			PCB-1254 (Aroclor 1254)	ND	mg/L	0.001	0.0003	
			PCB-1260 (Aroclor 1260)	ND	mg/L	0.001	0.00032	
01NE21SW114	Surface Water	AK101	GRO	ND	mg/L	0.25	0.1	
		AK102	DRO	ND	mg/L	0.25	0.02	VQQ
		AK103	RRO	ND	mg/L	0.5	0.5	VQQ
		SW6010B	Aluminum	0.71	mg/L	0.02	0.012	
			Antimony	ND	mg/L	0.05	0.014	
			Barium	0.01	mg/L	0.003	0.0004	
			Beryllium	ND	mg/L	0.001	0.0003	
			Cadmium	ND	mg/L	0.002	0.00084	
			Calcium	11.4	mg/L	0.05	0.0003	
			Chromium	ND	mg/L	0.005	0.0013	
			Cobalt	ND	mg/L	0.003	0.0006	
			Copper	ND	mg/L	0.002	0.002	
			Iron	6.34	mg/L	0.02	0.0063	
			Magnesium	2.49	mg/L	0.02	0.0084	
			Manganese	0.494	mg/L	0.001	0.0003	
			Nickel	ND	mg/L	0.01	0.0034	
			Potassium	2.65	mg/L	0.5	0.38	
			Silver	ND	mg/L	0.003	0.0007	
			Sodium	38.1	mg/L	0.05	0.015	
			Vanadium	ND	mg/L	0.003	0.0017	
			Zinc	0.009	mg/L	0.006	0.0029	
		SW7060A	Arsenic	0.002	mg/L	0.001	0.00054	
		SW7421	Lead	0.002	mg/L	0.001	0.00086	
		SW7470A	Mercury	ND	mg/L	0.0001	0.00003	
		SW7740	Selenium	ND	mg/L	0.002	0.00083	
		SW7841	Thallium	ND	mg/L	0.001	0.00081	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/L	0.001	0.00027	VQQ
			PCB-1221 (Aroclor 1221)	ND	mg/L	0.002	0.00025	VQQ
			PCB-1232 (Aroclor 1232)	ND	mg/L	0.001	0.00026	VQQ
			PCB-1242 (Aroclor 1242)	ND	mg/L	0.001	0.00021	VQQ
			PCB-1248 (Aroclor 1248)	ND	mg/L	0.001	0.00025	VQQ
			PCB-1254 (Aroclor 1254)	ND	mg/L	0.001	0.0003	VQQ
			PCB-1260 (Aroclor 1260)	ND	mg/L	0.001	0.00032	VQQ
01NE21SW213	Surface Water	AK101	GRO	ND	mg/L	0.25	0.1	
		AK102	DRO	0.28	mg/L	0.25	0.02	
		AK103	RRO	ND	mg/L	0.5	0.5	VQQ

Key:
DRO - diesel range organics
GRO - gasoline range organics
MDL - method detection limit
mg/L - milligram per liter
mg/Kg - milligram per kilogram
MRL - method reporting limit
ND - not detected
PCB - polychlorinated biphenyls
RRO - residual range organics
SIM - selected ion monitoring
VB - The analyte was detected in the assoicated blank and the sample indicating possible contamination.
VJ - The analyte was positively identified; the quantitaion is an estimation.
VQQ - The practical quantation limit is approximate due to QC or matrix effects.

Summary of Analytical Results Site 24
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE24SD114	Sediment	8260SIM	Benzene	ND	mg/L	0.003	0.003	
			Ethylbenzene	ND	mg/L	0.003	0.0015	
			m,p-Xylene (sum)	ND	mg/L	0.0061	0.0061	
			o-Xylene	ND	mg/L	0.003	0.0026	
			Toluene	0.0032	mg/L	0.003	0.0029	
		AK101	GRO	ND	mg/Kg	67	23.2	
		AK102	DRO	4600	mg/Kg	180	33	
		AK103	RRO	3100	mg/Kg	370	370	VJ
		E200.8	Arsenic	11	mg/Kg	1	0.3	
		SW6010B	Aluminum	7110	mg/Kg	20	10	
			Antimony	70	mg/Kg	50	10	
			Barium	143	mg/Kg	3	0.4	
			Beryllium	ND	mg/Kg	0.9	0.3	
			Cadmium	ND	mg/Kg	2	0.8	
			Calcium	10200	mg/Kg	50	0.3	
			Chromium	13	mg/Kg	5	1	
			Cobalt	23	mg/Kg	3	0.5	
			Copper	368	mg/Kg	2	2	
			Iron	56400	mg/Kg	20	6	
			Lead	140	mg/Kg	20	6	
			Magnesium	1990	mg/Kg	20	8	
			Manganese	249	mg/Kg	0.9	0.3	
			Nickel	24	mg/Kg	9	3	
			Potassium	960	mg/Kg	460	300	
			Selenium	ND	mg/Kg	50	9	
			Silver	ND	mg/Kg	3	0.6	
			Sodium	670	mg/Kg	50	10	
			Thallium	ND	mg/Kg	50	6	
			Vanadium	30	mg/Kg	3	2	
			Zinc	1480	mg/Kg	5	3	
		SW7471A	Mercury	ND	mg/Kg	0.3	0.1	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.25	0.0659	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.49	0.079	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.25	0.0341	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.25	0.0402	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.25	0.0264	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.25	0.0798	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.25	0.0647	
01NE24SD115	Sediment	SW8260 SIM	Benzene	ND	mg/L	0.0072	0.0072	
			Ethylbenzene	0.0088	mg/L	0.0072	0.0035	
			m,p-Xylene (sum)	0.03	mg/L	0.014	0.014	
			o-Xylene	0.0092	mg/L	0.0072	0.0061	
			Toluene	0.038	mg/L	0.0072	0.0068	
		AK101	GRO	ND	mg/Kg	5	1.48	
		AK102	DRO	100	mg/Kg	5	0.59	
		AK103	RRO	230	mg/Kg	10	10	VJ
		E200.8	Arsenic	5.6	mg/Kg	0.2	0.05	
		SW6010B	Aluminum	5570	mg/Kg	3	2	
			Antimony	11	mg/Kg	7	2	
			Barium	30.4	mg/Kg	0.4	0.05	
			Beryllium	0.6	mg/Kg	0.1	0.04	
			Cadmium	0.5	mg/Kg	0.3	0.1	
			Calcium	1670	mg/Kg	7	0.04	
			Chromium	12.3	mg/Kg	0.7	0.2	
			Cobalt	6.9	mg/Kg	0.4	0.08	
			Copper	212	mg/Kg	0.3	0.3	
			Iron	26100	mg/Kg	3	0.8	
			Lead	49	mg/Kg	3	0.9	
			Magnesium	1400	mg/Kg	3	1	
			Manganese	182	mg/Kg	0.1	0.04	
			Nickel	18	mg/Kg	1	0.5	
			Potassium	520	mg/Kg	70	50	
			Selenium	ND	mg/Kg	7	1	

Summary of Analytical Results Site 24
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE24SD115	Sediment	SW6010B	Silver	ND	mg/Kg	0.4	0.09	
			Sodium	131	mg/Kg	7	2	
			Thallium	ND	mg/Kg	7	0.8	
			Vanadium	12.7	mg/Kg	0.4	0.2	
			Zinc	227	mg/Kg	0.8	0.4	
		SW7471A	Mercury	ND	mg/Kg	0.06	0.02	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.043	0.0116	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.087	0.0139	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.043	0.00599	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.043	0.00708	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.043	0.00465	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.043	0.014	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.043	0.0114	
01NE24SD214	Sediment	8260SIM	Benzene	ND	mg/L	0.0091	0.0091	
			Ethylbenzene	ND	mg/L	0.0091	0.0045	
			m,p-Xylene (sum)	ND	mg/L	0.018	0.018	
			o-Xylene	ND	mg/L	0.0091	0.0077	
			Toluene	0.017	mg/L	0.0091	0.0087	
		AK101	GRO	ND	mg/Kg	64.1	22.2	
01NE24SW114	Surface Water	AK101	GRO	ND	mg/L	0.25	0.1	
		AK102	DRO	ND	mg/L	0.25	0.02	
		AK103	RRO	ND	mg/L	0.5	0.5	VQQ
		SW8021	Benzene	ND	mg/L	0.001	0.0002	
		SW8021	Ethylbenzene	ND	mg/L	0.001	0.00019	
		SW8021	m,p-Xylene (sum)	ND	mg/L	0.001	0.00021	
		SW8021	o-Xylene	ND	mg/L	0.001	0.00015	
		SW8021	Toluene	ND	mg/L	0.001	0.0002	
		SW6010B	Aluminum	0.03	mg/L	0.02	0.012	
			Antimony	ND	mg/L	0.05	0.014	
			Barium	0.01	mg/L	0.003	0.0004	
			Beryllium	ND	mg/L	0.001	0.0003	
			Cadmium	ND	mg/L	0.002	0.00084	
			Calcium	5.48	mg/L	0.05	0.0003	
			Chromium	ND	mg/L	0.005	0.0013	
			Cobalt	ND	mg/L	0.003	0.0006	
			Copper	0.026	mg/L	0.002	0.002	
			Iron	3.06	mg/L	0.02	0.0063	
			Magnesium	1.34	mg/L	0.02	0.0084	
			Manganese	0.025	mg/L	0.001	0.0003	
			Nickel	ND	mg/L	0.01	0.0034	
			Potassium	0.65	mg/L	0.5	0.38	
			Silver	ND	mg/L	0.003	0.0007	
			Sodium	16.3	mg/L	0.05	0.015	
			Vanadium	ND	mg/L	0.003	0.0017	
			Zinc	0.055	mg/L	0.006	0.0029	
		SW7060A	Arsenic	ND	mg/L	0.001	0.00054	
		SW7421	Lead	ND	mg/L	0.001	0.00086	
		SW7470A	Mercury	ND	mg/L	0.0001	0.00003	
		SW7740	Selenium	ND	mg/L	0.002	0.00083	
		SW7841	Thallium	ND	mg/L	0.001	0.00081	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/L	0.001	0.00027	
			PCB-1221 (Aroclor 1221)	ND	mg/L	0.002	0.00025	
			PCB-1232 (Aroclor 1232)	ND	mg/L	0.001	0.00026	
			PCB-1242 (Aroclor 1242)	ND	mg/L	0.001	0.00021	
			PCB-1248 (Aroclor 1248)	ND	mg/L	0.001	0.00025	
			PCB-1254 (Aroclor 1254)	ND	mg/L	0.001	0.0003	
			PCB-1260 (Aroclor 1260)	ND	mg/L	0.001	0.00032	
01NE24SW214	Surface Water	AK102	DRO	ND	mg/L	0.25	0.02	
		AK103	RRO	ND	mg/L	0.5	0.5	VQQ
		SW6010B	Aluminum	0.02	mg/L	0.02	0.012	
			Antimony	ND	mg/L	0.05	0.014	
			Barium	0.008	mg/L	0.003	0.0004	
			Beryllium	ND	mg/L	0.001	0.0003	

Summary of Analytical Results Site 24
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE24SW214	Surface Water	SW6010B	Cadmium	ND	mg/L	0.002	0.00084	
			Calcium	4.42	mg/L	0.05	0.0003	
			Chromium	ND	mg/L	0.005	0.0013	
			Cobalt	ND	mg/L	0.003	0.0006	
			Copper	0.02	mg/L	0.002	0.002	
			Iron	2.44	mg/L	0.02	0.0063	
			Magnesium	1.06	mg/L	0.02	0.0084	
			Manganese	0.021	mg/L	0.001	0.0003	
			Nickel	ND	mg/L	0.01	0.0034	
			Potassium	ND	mg/L	0.5	0.38	
			Silver	ND	mg/L	0.003	0.0007	
			Sodium	13	mg/L	0.05	0.015	
			Vanadium	ND	mg/L	0.003	0.0017	
			Zinc	0.047	mg/L	0.006	0.0029	
		SW7060A	Arsenic	ND	mg/L	0.001	0.00054	
		SW7421	Lead	0.001	mg/L	0.001	0.00086	
		SW7470A	Mercury	ND	mg/L	0.0001	0.00003	
		SW7740	Selenium	ND	mg/L	0.002	0.00083	
		SW7841	Thallium	ND	mg/L	0.001	0.00081	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/L	0.001	0.00027	
			PCB-1221 (Aroclor 1221)	ND	mg/L	0.002	0.00025	
			PCB-1232 (Aroclor 1232)	ND	mg/L	0.001	0.00026	
			PCB-1242 (Aroclor 1242)	ND	mg/L	0.001	0.00021	
			PCB-1248 (Aroclor 1248)	ND	mg/L	0.001	0.00025	
			PCB-1254 (Aroclor 1254)	ND	mg/L	0.001	0.0003	
			PCB-1260 (Aroclor 1260)	ND	mg/L	0.001	0.00032	

Key:
DRO - diesel range organics
GRO - gasoline range organics
MDL - method detection limit
mg/L - milligram per liter
mg/Kg - milligram per kilogram
MRL - method reporting limit
ND - not detected
PCB - polychlorinated biphenyls
RRO - residual range organics
SIM - selected ion monitoring
VJ - The analyte was positively identified; the quantitaion is an estimation.
VQQ - The practical quantation limit is approximate due to QC or matrix effects.

Summary of Analytical Results Site 29
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE29FT101 Eggs	Fish Tissue	E160.1	Total Lipids	7.62	PERCENT	0.05	0.05	
		E200.8	Antimony	ND	mg/Kg	0.019	0.007	
			Arsenic	0.21	mg/Kg	0.19	0.07	
			Barium	0.04	mg/Kg	0.007	0.007	
			Cadmium	0.014	mg/Kg	0.019	0.007	VJ
			Lead	ND	mg/Kg	0.007	0.004	
			Nickel	ND	mg/Kg	0.07	0.01	
			Silver	0.027	mg/Kg	0.007	0.007	
			Vanadium	0.074	mg/Kg	0.074	0.007	
			Zinc	25.1	mg/Kg	0.19	0.03	
		SW8270 SIM	2-Methylnaphthalene	0.009	mg/Kg	0.005	0.0024	
			Acenaphthene	0.0092	mg/Kg	0.005	0.0012	
			Anthracene	0.011	mg/Kg	0.005	0.0015	
			Benzo(a)anthracene	0.012	mg/Kg	0.005	0.0012	
			Benzo(a)pyrene	0.009	mg/Kg	0.005	0.002	
			Benzo(b)fluoranthene	0.0073	mg/Kg	0.005	0.0012	
			Benzo(g,h,i)perylene	0.0089	mg/Kg	0.005	0.0014	VB
			Benzo(k)fluoranthene	0.018	mg/Kg	0.005	0.0018	
			Chrysene	0.012	mg/Kg	0.005	0.0018	
			Dibenzo(a,h)anthracene	0.0068	mg/Kg	0.005	0.0016	
			Fluoranthene	0.013	mg/Kg	0.005	0.0014	
			Fluorene	0.011	mg/Kg	0.005	0.0011	
			Indeno(1,2,3-cd)pyrene	0.0043	mg/Kg	0.005	0.00053	VJ
			Naphthalene	0.0066	mg/Kg	0.005	0.0018	
			Phenanthrene	0.012	mg/Kg	0.005	0.0014	
			Pyrene	0.014	mg/Kg	0.005	0.0015	
		SW6010B	Chromium	ND	mg/Kg	0.2	0.1	
			Copper	3.01	mg/Kg	0.37	0.07	
		SW7471A	Mercury	0.006	mg/Kg	0.003	0.002	
		SW7741	Selenium	0.52	mg/Kg	0.07	0.02	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	0.0077	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.002	0.0007	
01NE29FT101 Fillet	Fish Tissue	E160.1	Total Lipids	5.25	PERCENT	0.05	0.05	
		E200.8	Antimony	ND	mg/Kg	0.012	0.005	
			Arsenic	0.65	mg/Kg	0.12	0.05	
			Barium	0.042	mg/Kg	0.005	0.005	
			Cadmium	0.009	mg/Kg	0.012	0.005	VJ
			Lead	0.005	mg/Kg	0.005	0.002	
			Nickel	0.03	mg/Kg	0.05	0.01	VJ
			Silver	ND	mg/Kg	0.005	0.005	
			Vanadium	0.017	mg/Kg	0.046	0.005	VJ
			Zinc	5.56	mg/Kg	0.12	0.02	
		SW8270 SIM	2-Methylnaphthalene	0.0065	mg/Kg	0.005	0.0024	
			Acenaphthene	0.0067	mg/Kg	0.005	0.0012	
			Anthracene	0.0072	mg/Kg	0.005	0.0015	
			Benzo(a)anthracene	0.0082	mg/Kg	0.005	0.0012	
			Benzo(a)pyrene	0.0059	mg/Kg	0.005	0.002	
			Benzo(b)fluoranthene	0.004	mg/Kg	0.005	0.0012	VJ
			Benzo(g,h,i)perylene	0.0064	mg/Kg	0.005	0.0014	VJ
			Benzo(k)fluoranthene	0.012	mg/Kg	0.005	0.0018	
			Chrysene	0.0084	mg/Kg	0.005	0.0018	
			Dibenzo(a,h)anthracene	0.0041	mg/Kg	0.005	0.0016	VJ
			Fluoranthene	0.0093	mg/Kg	0.005	0.0014	
			Fluorene	0.0076	mg/Kg	0.005	0.0011	
			Indeno(1,2,3-cd)pyrene	0.0027	mg/Kg	0.005	0.00053	VJ
			Naphthalene	0.0047	mg/Kg	0.005	0.0018	VJ
			Phenanthrene	0.0086	mg/Kg	0.005	0.0014	
			Pyrene	0.01	mg/Kg	0.005	0.0015	

Summary of Analytical Results Site 29
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE29FT101 Fillet	Fish Tissue	SW6010B	Chromium	ND	mg/Kg	0.1	0.1	
			Copper	0.62	mg/Kg	0.23	0.05	
		SW7471A	Mercury	0.02	mg/Kg	0.004	0.002	
		SW7741	Selenium	0.13	mg/Kg	0.05	0.01	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	0.011	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.002	0.0007	
01NE29FT101 Head	Fish Tissue	E160.1	Total Lipids	12.4	PERCENT	0.05	0.05	
		E200.8	Antimony	ND	mg/Kg	0.017	0.007	
			Arsenic	0.68	mg/Kg	0.17	0.07	
			Barium	0.403	mg/Kg	0.007	0.007	
			Cadmium	0.012	mg/Kg	0.017	0.007	VJ
			Lead	0.011	mg/Kg	0.007	0.003	
			Nickel	0.3	mg/Kg	0.07	0.01	
			Silver	ND	mg/Kg	0.007	0.007	
			Vanadium	0.064	mg/Kg	0.067	0.007	VJ
			Zinc	16.5	mg/Kg	0.17	0.03	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.005	0.0024	
			Acenaphthene	ND	mg/Kg	0.005	0.0012	
			Anthracene	ND	mg/Kg	0.005	0.0015	
			Benzo(a)anthracene	ND	mg/Kg	0.005	0.0012	
			Benzo(a)pyrene	ND	mg/Kg	0.005	0.002	
			Benzo(b)fluoranthene	ND	mg/Kg	0.005	0.0012	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.005	0.0014	
			Benzo(k)fluoranthene	ND	mg/Kg	0.005	0.0018	
			Chrysene	ND	mg/Kg	0.005	0.0018	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.005	0.0016	
			Fluoranthene	ND	mg/Kg	0.005	0.0014	
			Fluorene	ND	mg/Kg	0.005	0.0011	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.005	0.00053	
			Naphthalene	ND	mg/Kg	0.005	0.0018	
			Phenanthrene	0.0014	mg/Kg	0.005	0.0014	VJ
			Pyrene	ND	mg/Kg	0.005	0.0015	
		SW6010B	Chromium	ND	mg/Kg	0.2	0.1	
			Copper	0.62	mg/Kg	0.33	0.07	
		SW7471A	Mercury	0.016	mg/Kg	0.004	0.002	
		SW7741	Selenium	0.15	mg/Kg	0.07	0.02	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	0.03	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.002	0.0007	
01NE29FT102 Eggs	Fish Tissue	E160.1	Total Lipids	7.93	PERCENT	0.05	0.05	
		E200.8	Antimony	ND	mg/Kg	0.019	0.008	
			Arsenic	0.29	mg/Kg	0.19	0.08	
			Barium	0.105	mg/Kg	0.008	0.008	
			Cadmium	0.042	mg/Kg	0.019	0.008	
			Lead	0.004	mg/Kg	0.008	0.004	VJ
			Nickel	ND	mg/Kg	0.08	0.01	
			Silver	0.025	mg/Kg	0.008	0.008	
			Vanadium	0.113	mg/Kg	0.078	0.008	
			Zinc	28.7	mg/Kg	0.19	0.03	
		SW8270 SIM	2-Methylnaphthalene	0.0026	mg/Kg	0.005	0.0024	VJ
			Acenaphthene	0.0022	mg/Kg	0.005	0.0012	VJ
			Anthracene	0.0025	mg/Kg	0.005	0.0015	VJ
			Benzo(a)anthracene	0.003	mg/Kg	0.005	0.0012	VJ
			Benzo(a)pyrene	ND	mg/Kg	0.005	0.002	

Summary of Analytical Results Site 29
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE29FT102 Eggs	Fish Tissue	SW8270 SIM	Benzo(b)fluoranthene	0.0015	mg/Kg	0.005	0.0012	VJ
			Benzo(g,h,i)perylene	0.0028	mg/Kg	0.005	0.0014	VJ
			Benzo(k)fluoranthene	0.004	mg/Kg	0.005	0.0018	VJ
			Chrysene	0.0031	mg/Kg	0.005	0.0018	VJ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.005	0.0016	
			Fluoranthene	0.0033	mg/Kg	0.005	0.0014	VJ
			Fluorene	0.0026	mg/Kg	0.005	0.0011	VJ
			Indeno(1,2,3-cd)pyrene	0.00087	mg/Kg	0.005	0.00053	VJ
			Naphthalene	0.0021	mg/Kg	0.005	0.0018	VJ
			Phenanthrene	0.0031	mg/Kg	0.005	0.0014	VJ
			Pyrene	0.0034	mg/Kg	0.005	0.0015	VJ
		SW6010B	Chromium	ND	mg/Kg	0.2	0.2	
			Copper	2.97	mg/Kg	0.39	0.08	
		SW7471A	Mercury	0.004	mg/Kg	0.004	0.002	
		SW7741	Selenium	0.46	mg/Kg	0.08	0.02	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	0.013	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.002	0.0007	
01NE29FT102 Fillet	Fish Tissue	E160.1	Total Lipids	5.19	PERCENT	0.05	0.05	
		E200.8	Antimony	ND	mg/Kg	0.014	0.005	
			Arsenic	0.69	mg/Kg	0.14	0.05	
			Barium	0.021	mg/Kg	0.005	0.005	
			Cadmium	0.007	mg/Kg	0.014	0.005	VJ
			Lead	0.003	mg/Kg	0.005	0.003	VJ
			Nickel	ND	mg/Kg	0.05	0.01	
			Silver	ND	mg/Kg	0.005	0.005	
			Vanadium	0.06	mg/Kg	0.055	0.005	
			Zinc	7.08	mg/Kg	0.14	0.02	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.005	0.0024	
			Acenaphthene	ND	mg/Kg	0.005	0.0012	
			Anthracene	ND	mg/Kg	0.005	0.0015	
			Benzo(a)anthracene	ND	mg/Kg	0.005	0.0012	
			Benzo(a)pyrene	ND	mg/Kg	0.005	0.002	
			Benzo(b)fluoranthene	ND	mg/Kg	0.005	0.0012	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.005	0.0014	
			Benzo(k)fluoranthene	ND	mg/Kg	0.005	0.0018	
			Chrysene	ND	mg/Kg	0.005	0.0018	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.005	0.0016	
			Fluoranthene	ND	mg/Kg	0.005	0.0014	
			Fluorene	ND	mg/Kg	0.005	0.0011	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.005	0.00053	
			Naphthalene	ND	mg/Kg	0.005	0.0018	
			Phenanthrene	ND	mg/Kg	0.005	0.0014	
			Pyrene	ND	mg/Kg	0.005	0.0015	
		SW6010B	Chromium	ND	mg/Kg	0.1	0.1	
			Copper	0.98	mg/Kg	0.27	0.05	
		SW7471A	Mercury	0.015	mg/Kg	0.004	0.002	
		SW7741	Selenium	0.13	mg/Kg	0.05	0.02	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	0.013	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.002	0.0007	
01NE29FT102 Head	Fish Tissue	E160.1	Total Lipids	11.3	PERCENT	0.05	0.05	
		E200.8	Antimony	0.01	mg/Kg	0.016	0.006	VJ
			Arsenic	0.6	mg/Kg	0.16	0.06	
			Barium	0.466	mg/Kg	0.006	0.006	

Summary of Analytical Results Site 29
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE29FT102 Head	Fish Tissue	E200.8	Cadmium	0.012	mg/Kg	0.016	0.006	VJ
			Lead	0.007	mg/Kg	0.006	0.003	
			Nickel	1.02	mg/Kg	0.06	0.01	
			Silver	ND	mg/Kg	0.006	0.006	
			Vanadium	0.079	mg/Kg	0.065	0.006	
			Zinc	20.4	mg/Kg	0.16	0.03	
		SW8270 SIM	2-Methylnaphthalene	0.0028	mg/Kg	0.005	0.0024	VJ
			Acenaphthene	0.0025	mg/Kg	0.005	0.0012	VJ
			Anthracene	0.0025	mg/Kg	0.005	0.0015	VJ
			Benzo(a)anthracene	0.0023	mg/Kg	0.005	0.0012	VJ
			Benzo(a)pyrene	0.0021	mg/Kg	0.005	0.002	VJ
			Benzo(b)fluoranthene	0.002	mg/Kg	0.005	0.0012	VJ
			Benzo(g,h,i)perylene	0.0025	mg/Kg	0.005	0.0014	VB
			Benzo(k)fluoranthene	0.004	mg/Kg	0.005	0.0018	VJ
			Chrysene	0.0035	mg/Kg	0.005	0.0018	VJ
			Dibenzo(a,h)anthracene	0.0016	mg/Kg	0.005	0.0016	VJ
			Fluoranthene	0.0041	mg/Kg	0.005	0.0014	VJ
			Fluorene	0.0031	mg/Kg	0.005	0.0011	VJ
			Indeno(1,2,3-cd)pyrene	0.001	mg/Kg	0.005	0.00053	VJ
			Naphthalene	0.002	mg/Kg	0.005	0.0018	VJ
			Phenanthrene	0.0047	mg/Kg	0.005	0.0014	VJ
			Pyrene	0.0043	mg/Kg	0.005	0.0015	VJ
		SW6010B	Chromium	ND	mg/Kg	0.2	0.1	
			Copper	1.06	mg/Kg	0.32	0.06	
		SW7471A	Mercury	0.011	mg/Kg	0.004	0.002	
		SW7741	Selenium	0.15	mg/Kg	0.06	0.02	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	0.023	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.002	0.0007	
01NE29FT103 Fillet	Fish Tissue	E160.1	Total Lipids	9.02	PERCENT	0.05	0.05	
		E200.8	Antimony	ND	mg/Kg	0.014	0.006	
			Arsenic	0.78	mg/Kg	0.14	0.06	
			Barium	0.032	mg/Kg	0.006	0.006	
			Cadmium	ND	mg/Kg	0.014	0.006	
			Lead	0.012	mg/Kg	0.006	0.003	
			Nickel	ND	mg/Kg	0.06	0.01	
			Silver	ND	mg/Kg	0.006	0.006	
			Vanadium	0.049	mg/Kg	0.057	0.006	VJ
			Zinc	7.07	mg/Kg	0.14	0.02	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.005	0.0024	
			Acenaphthene	ND	mg/Kg	0.005	0.0012	
			Anthracene	ND	mg/Kg	0.005	0.0015	
			Benzo(a)anthracene	ND	mg/Kg	0.005	0.0012	
			Benzo(a)pyrene	ND	mg/Kg	0.005	0.002	
			Benzo(b)fluoranthene	ND	mg/Kg	0.005	0.0012	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.005	0.0014	
			Benzo(k)fluoranthene	ND	mg/Kg	0.005	0.0018	
			Chrysene	ND	mg/Kg	0.005	0.0018	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.005	0.0016	
			Fluoranthene	ND	mg/Kg	0.005	0.0014	
			Fluorene	ND	mg/Kg	0.005	0.0011	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.005	0.00053	
			Naphthalene	ND	mg/Kg	0.005	0.0018	
			Phenanthrene	ND	mg/Kg	0.005	0.0014	
			Pyrene	ND	mg/Kg	0.005	0.0015	
		SW6010B	Chromium	ND	mg/Kg	0.1	0.1	
			Copper	0.71	mg/Kg	0.29	0.06	
		SW7471A	Mercury	0.019	mg/Kg	0.004	0.002	
		SW7741	Selenium	0.14	mg/Kg	0.06	0.02	

Summary of Analytical Results Site 29
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE29FT103 Fillet	Fish Tissue	SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	0.015	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.002	0.0007	
01NE29FT103 Remains	Fish Tissue	E160.1	Total Lipids	10.4	PERCENT	0.05	0.05	
		E200.8	Antimony	ND	mg/Kg	0.015	0.006	
			Arsenic	0.78	mg/Kg	0.15	0.06	
			Barium	0.119	mg/Kg	0.006	0.006	
			Cadmium	0.033	mg/Kg	0.015	0.006	
			Lead	0.007	mg/Kg	0.006	0.003	
			Nickel	1.12	mg/Kg	0.06	0.01	
			Silver	0.011	mg/Kg	0.006	0.006	
			Vanadium	0.059	mg/Kg	0.061	0.006	VJ
			Zinc	20.8	mg/Kg	0.15	0.02	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.005	0.0024	
			Acenaphthene	ND	mg/Kg	0.005	0.0012	
			Anthracene	ND	mg/Kg	0.005	0.0015	
			Benzo(a)anthracene	ND	mg/Kg	0.005	0.0012	
			Benzo(a)pyrene	ND	mg/Kg	0.005	0.002	
			Benzo(b)fluoranthene	ND	mg/Kg	0.005	0.0012	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.005	0.0014	
			Benzo(k)fluoranthene	ND	mg/Kg	0.005	0.0018	
			Chrysene	ND	mg/Kg	0.005	0.0018	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.005	0.0016	
			Fluoranthene	ND	mg/Kg	0.005	0.0014	
			Fluorene	ND	mg/Kg	0.005	0.0011	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.005	0.00053	
			Naphthalene	ND	mg/Kg	0.005	0.0018	
			Phenanthrene	ND	mg/Kg	0.005	0.0014	
			Pyrene	ND	mg/Kg	0.005	0.0015	
		SW6010B	Chromium	ND	mg/Kg	0.2	0.1	
			Copper	1.08	mg/Kg	0.3	0.06	
		SW7471A	Mercury	0.013	mg/Kg	0.003	0.002	
		SW7741	Selenium	0.19	mg/Kg	0.06	0.02	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	0.015	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.002	0.0007	
01NE29FT104 Fillet	Fish Tissue	E160.1	Total Lipids	7.39	PERCENT	0.05	0.05	
		E200.8	Antimony	ND	mg/Kg	0.013	0.005	
			Arsenic	0.71	mg/Kg	0.13	0.05	
			Barium	0.049	mg/Kg	0.005	0.005	
			Cadmium	0.006	mg/Kg	0.013	0.005	VJ
			Lead	0.005	mg/Kg	0.005	0.003	
			Nickel	0.03	mg/Kg	0.05	0.01	VJ
			Silver	ND	mg/Kg	0.005	0.005	
			Vanadium	0.048	mg/Kg	0.05	0.005	VJ
			Zinc	6.48	mg/Kg	0.13	0.02	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.005	0.0024	
			Acenaphthene	0.0013	mg/Kg	0.005	0.0012	VJ
			Anthracene	0.0017	mg/Kg	0.005	0.0015	VJ
			Benzo(a)anthracene	0.0014	mg/Kg	0.005	0.0012	VJ
			Benzo(a)pyrene	0.0021	mg/Kg	0.005	0.002	VJ
			Benzo(b)fluoranthene	0.0012	mg/Kg	0.005	0.0012	VJ
			Benzo(g,h,i)perylene	0.004	mg/Kg	0.005	0.0014	VB
			Benzo(k)fluoranthene	0.0037	mg/Kg	0.005	0.0018	VJ
			Chrysene	0.0025	mg/Kg	0.005	0.0018	VJ

Summary of Analytical Results Site 29
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE29FT104 Fillet	Fish Tissue	SW8270 SIM	Dibenzo(a,h)anthracene	ND	mg/Kg	0.005	0.0016	
			Fluoranthene	0.0023	mg/Kg	0.005	0.0014	VJ
			Fluorene	0.0016	mg/Kg	0.005	0.0011	VJ
			Indeno(1,2,3-cd)pyrene	0.0011	mg/Kg	0.005	0.00053	VJ
			Naphthalene	0.0018	mg/Kg	0.005	0.0018	VJ
			Phenanthrene	0.0024	mg/Kg	0.005	0.0014	VJ
			Pyrene	0.0033	mg/Kg	0.005	0.0015	VJ
		SW6010B	Chromium	ND	mg/Kg	0.1	0.1	
			Copper	0.55	mg/Kg	0.25	0.05	
		SW7471A	Mercury	0.019	mg/Kg	0.004	0.002	
		SW7741	Selenium	0.12	mg/Kg	0.05	0.02	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	0.016	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.002	0.0007	
01NE29FT105 Fillet	Fish Tissue	E160.1	Total Lipids	5.51	PERCENT	0.05	0.05	
		E200.8	Antimony	ND	mg/Kg	0.013	0.005	
			Arsenic	0.7	mg/Kg	0.13	0.05	
			Barium	0.02	mg/Kg	0.005	0.005	
			Cadmium	ND	mg/Kg	0.013	0.005	
			Lead	ND	mg/Kg	0.005	0.003	
			Nickel	ND	mg/Kg	0.05	0.01	
			Silver	ND	mg/Kg	0.005	0.005	
			Vanadium	0.045	mg/Kg	0.05	0.005	VJ
			Zinc	6.06	mg/Kg	0.13	0.02	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.005	0.0024	
			Acenaphthene	ND	mg/Kg	0.005	0.0012	
			Anthracene	ND	mg/Kg	0.005	0.0015	
			Benzo(a)anthracene	ND	mg/Kg	0.005	0.0012	
			Benzo(a)pyrene	ND	mg/Kg	0.005	0.002	
			Benzo(b)fluoranthene	ND	mg/Kg	0.005	0.0012	
			Benzo(g,h,i)perylene	0.0034	mg/Kg	0.005	0.0014	VJ
			Benzo(k)fluoranthene	0.0024	mg/Kg	0.005	0.0018	VJ
			Chrysene	ND	mg/Kg	0.005	0.0018	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.005	0.0016	
			Fluoranthene	0.0017	mg/Kg	0.005	0.0014	VJ
			Fluorene	0.0012	mg/Kg	0.005	0.0011	VJ
			Indeno(1,2,3-cd)pyrene	0.00074	mg/Kg	0.005	0.00053	
			Naphthalene	ND	mg/Kg	0.005	0.0018	
			Phenanthrene	0.002	mg/Kg	0.005	0.0014	VJ
			Pyrene	0.0026	mg/Kg	0.005	0.0015	VJ
		SW6010B	Chromium	ND	mg/Kg	0.1	0.1	
			Copper	0.73	mg/Kg	0.25	0.05	
		SW7471A	Mercury	0.022	mg/Kg	0.004	0.002	
		SW7741	Selenium	0.17	mg/Kg	0.05	0.02	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	0.0061	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.002	0.0007	
01NE29FT106 Fillet	Fish Tissue	E160.1	Total Lipids	7.99	PERCENT	0.05	0.05	
		E200.8	Antimony	ND	mg/Kg	0.014	0.006	
			Arsenic	0.53	mg/Kg	0.14	0.06	
			Barium	0.026	mg/Kg	0.006	0.006	
			Cadmium	ND	mg/Kg	0.014	0.006	
			Lead	ND	mg/Kg	0.006	0.003	
			Nickel	0.1	mg/Kg	0.06	0.01	
			Silver	ND	mg/Kg	0.006	0.006	

Summary of Analytical Results Site 29
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE29FT106 Fillet	Fish Tissue	E200.8	Vanadium	0.039	mg/Kg	0.056	0.006	VJ
			Zinc	5.95	mg/Kg	0.14	0.02	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.005	0.0024	
			Acenaphthene	ND	mg/Kg	0.005	0.0012	
			Anthracene	ND	mg/Kg	0.005	0.0015	
			Benzo(a)anthracene	ND	mg/Kg	0.005	0.0012	
			Benzo(a)pyrene	ND	mg/Kg	0.005	0.002	
			Benzo(b)fluoranthene	ND	mg/Kg	0.005	0.0012	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.005	0.0014	
			Benzo(k)fluoranthene	ND	mg/Kg	0.005	0.0018	
			Chrysene	ND	mg/Kg	0.005	0.0018	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.005	0.0016	
			Fluoranthene	ND	mg/Kg	0.005	0.0014	
			Fluorene	ND	mg/Kg	0.005	0.0011	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.005	0.00053	
			Naphthalene	0.0019	mg/Kg	0.005	0.0018	VJ
			Phenanthrene	ND	mg/Kg	0.005	0.0014	
			Pyrene	ND	mg/Kg	0.005	0.0015	
		SW6010B	Chromium	ND	mg/Kg	0.1	0.1	
			Copper	0.67	mg/Kg	0.28	0.06	
		SW7471A	Mercury	0.014	mg/Kg	0.004	0.002	
		SW7741	Selenium	0.13	mg/Kg	0.06	0.02	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	0.013	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.002	0.0007	
01NE29FT107 Fillet	Fish Tissue	E160.1	Total Lipids	5.68	PERCENT	0.05	0.05	
		E200.8	Antimony	ND	mg/Kg	0.013	0.005	
			Arsenic	0.5	mg/Kg	0.13	0.05	
			Barium	0.015	mg/Kg	0.005	0.005	
			Cadmium	0.006	mg/Kg	0.013	0.005	VJ
			Lead	ND	mg/Kg	0.005	0.003	
			Nickel	ND	mg/Kg	0.05	0.01	
			Silver	ND	mg/Kg	0.005	0.005	
			Vanadium	0.042	mg/Kg	0.052	0.005	VJ
			Zinc	6.32	mg/Kg	0.13	0.02	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.005	0.0024	
			Acenaphthene	ND	mg/Kg	0.005	0.0012	
			Anthracene	ND	mg/Kg	0.005	0.0015	
			Benzo(a)anthracene	ND	mg/Kg	0.005	0.0012	
			Benzo(a)pyrene	ND	mg/Kg	0.005	0.002	
			Benzo(b)fluoranthene	ND	mg/Kg	0.005	0.0012	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.005	0.0014	
			Benzo(k)fluoranthene	ND	mg/Kg	0.005	0.0018	
			Chrysene	ND	mg/Kg	0.005	0.0018	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.005	0.0016	
			Fluoranthene	ND	mg/Kg	0.005	0.0014	
			Fluorene	ND	mg/Kg	0.005	0.0011	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.005	0.00053	
			Naphthalene	ND	mg/Kg	0.005	0.0018	
			Phenanthrene	ND	mg/Kg	0.005	0.0014	
			Pyrene	ND	mg/Kg	0.005	0.0015	
		SW6010B	Chromium	ND	mg/Kg	0.1	0.1	
			Copper	0.65	mg/Kg	0.26	0.05	
		SW7471A	Mercury	0.017	mg/Kg	0.004	0.002	
		SW7741	Selenium	0.14	mg/Kg	0.05	0.02	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	

Summary of Analytical Results Site 29
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE29FT107 Fillet	Fish Tissue	SW8082	PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	0.0075	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.002	0.0007	
01NE29FT107 Remains	Fish Tissue	E160.1	Total Lipids	9.62	PERCENT	0.05	0.05	
		E200.8	Antimony	ND	mg/Kg	0.014	0.006	
			Arsenic	0.51	mg/Kg	0.14	0.06	
			Barium	0.152	mg/Kg	0.006	0.006	
			Cadmium	0.044	mg/Kg	0.014	0.006	
			Lead	0.003	mg/Kg	0.006	0.003	
			Nickel	0.07	mg/Kg	0.06	0.01	
			Silver	0.021	mg/Kg	0.006	0.006	
			Vanadium	0.045	mg/Kg	0.058	0.006	VJ
			Zinc	27.7	mg/Kg	0.14	0.02	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.005	0.0024	
			Acenaphthene	ND	mg/Kg	0.005	0.0012	
			Anthracene	ND	mg/Kg	0.005	0.0015	
			Benzo(a)anthracene	0.002	mg/Kg	0.005	0.0012	VJ
			Benzo(a)pyrene	ND	mg/Kg	0.005	0.002	
			Benzo(b)fluoranthene	0.0018	mg/Kg	0.005	0.0012	VJ
			Benzo(g,h,i)perylene	ND	mg/Kg	0.005	0.0014	
			Benzo(k)fluoranthene	ND	mg/Kg	0.005	0.0018	
			Chrysene	0.0019	mg/Kg	0.005	0.0018	VJ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.005	0.0016	
			Fluoranthene	ND	mg/Kg	0.005	0.0014	
			Fluorene	ND	mg/Kg	0.005	0.0011	
			Indeno(1,2,3-cd)pyrene	0.0013	mg/Kg	0.005	0.00053	VJ
			Naphthalene	0.002	mg/Kg	0.005	0.0018	VJ
			Phenanthrene	0.0024	mg/Kg	0.005	0.0014	VJ
			Pyrene	0.0031	mg/Kg	0.005	0.0015	VJ
		SW6010B	Chromium	ND	mg/Kg	0.1	0.1	
			Copper	1.3	mg/Kg	0.29	0.06	
		SW7471A	Mercury	0.015	mg/Kg	0.004	0.002	
		SW7741	Selenium	0.2	mg/Kg	0.06	0.02	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	0.018	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.002	0.0007	
01NE29FT108 Egg	Fish Tissue	E160.1	Total Lipids	7.49	PERCENT	0.05	0.05	
		E200.8	Antimony	ND	mg/Kg	0.019	0.007	
			Arsenic	0.23	mg/Kg	0.19	0.07	
			Barium	0.034	mg/Kg	0.007	0.007	
			Cadmium	0.011	mg/Kg	0.019	0.007	VJ
			Lead	ND	mg/Kg	0.007	0.004	
			Nickel	ND	mg/Kg	0.07	0.01	
			Silver	0.036	mg/Kg	0.007	0.007	
			Vanadium	0.142	mg/Kg	0.074	0.007	
			Zinc	36.9	mg/Kg	0.19	0.03	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.005	0.0024	
			Acenaphthene	ND	mg/Kg	0.005	0.0012	
			Anthracene	ND	mg/Kg	0.005	0.0015	
			Benzo(a)anthracene	ND	mg/Kg	0.005	0.0012	
			Benzo(a)pyrene	ND	mg/Kg	0.005	0.002	
			Benzo(b)fluoranthene	ND	mg/Kg	0.005	0.0012	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.005	0.0014	
			Benzo(k)fluoranthene	ND	mg/Kg	0.005	0.0018	
			Chrysene	ND	mg/Kg	0.005	0.0018	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.005	0.0016	
			Fluoranthene	ND	mg/Kg	0.005	0.0014	
			Fluorene	ND	mg/Kg	0.005	0.0011	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.005	0.00053	

Summary of Analytical Results Site 29
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE29FT108 Egg	Fish Tissue	SW8270 SIM	Naphthalene	ND	mg/Kg	0.005	0.0018	
			Phenanthrene	ND	mg/Kg	0.005	0.0014	
			Pyrene	ND	mg/Kg	0.005	0.0015	
		SW6010B	Chromium	ND	mg/Kg	0.2	0.1	
			Copper	2.85	mg/Kg	0.37	0.07	
		SW7471A	Mercury	0.004	mg/Kg	0.004	0.002	
		SW7741	Selenium	0.44	mg/Kg	0.07	0.02	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	0.0089	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	0.0041	mg/Kg	0.002	0.0007	
01NE29FT108 Fillet	Fish Tissue	E160.1	Total Lipids	5.83	PERCENT	0.05	0.05	
		E200.8	Antimony	ND	mg/Kg	0.013	0.005	
			Arsenic	0.54	mg/Kg	0.13	0.05	
			Barium	0.036	mg/Kg	0.005	0.005	
			Cadmium	ND	mg/Kg	0.013	0.005	
			Lead	0.006	mg/Kg	0.005	0.003	
			Nickel	ND	mg/Kg	0.05	0.01	
			Silver	ND	mg/Kg	0.005	0.005	
			Vanadium	0.046	mg/Kg	0.05	0.005	VJ
			Zinc	7.09	mg/Kg	0.13	0.02	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.005	0.0024	
			Acenaphthene	ND	mg/Kg	0.005	0.0012	
			Anthracene	ND	mg/Kg	0.005	0.0015	
			Benzo(a)anthracene	ND	mg/Kg	0.005	0.0012	
			Benzo(a)pyrene	ND	mg/Kg	0.005	0.002	
			Benzo(b)fluoranthene	ND	mg/Kg	0.005	0.0012	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.005	0.0014	
			Benzo(k)fluoranthene	ND	mg/Kg	0.005	0.0018	
			Chrysene	ND	mg/Kg	0.005	0.0018	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.005	0.0016	
			Fluoranthene	ND	mg/Kg	0.005	0.0014	
			Fluorene	ND	mg/Kg	0.005	0.0011	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.005	0.00053	
			Naphthalene	ND	mg/Kg	0.005	0.0018	
			Phenanthrene	0.0015	mg/Kg	0.005	0.0014	
			Pyrene	ND	mg/Kg	0.005	0.0015	
		SW6010B	Chromium	ND	mg/Kg	0.1	0.1	
			Copper	0.7	mg/Kg	0.25	0.05	
		SW7471A	Mercury	0.017	mg/Kg	0.004	0.002	
		SW7741	Selenium	0.13	mg/Kg	0.05	0.02	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	0.011	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	0.0045	mg/Kg	0.002	0.0007	
01NE29SD114	Sediment	SW8270 SIM	2-Methylnaphthalene	0.15	mg/Kg	0.0084	0.0084	
			Acenaphthene	0.013	mg/Kg	0.0084	0.0057	VP,VJ
			Acenaphthylene	ND	mg/Kg	0.0084	0.0055	
			Anthracene	ND	mg/Kg	0.0084	0.0055	
			Benzo(a)anthracene	ND	mg/Kg	0.0084	0.0047	
			Benzo(a)pyrene	ND	mg/Kg	0.0084	0.004	
			Benzo(b)fluoranthene	ND	mg/Kg	0.0084	0.0054	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0084	0.0047	
			Benzo(k)fluoranthene	ND	mg/Kg	0.0084	0.0042	
			Chrysene	ND	mg/Kg	0.0084	0.0039	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0084	0.004	
			Dibenzofuran	ND	mg/Kg	0.0084	0.0084	

Summary of Analytical Results Site 29
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE29SD114	Sediment	SW8270 SIM	Fluoranthene	ND	mg/Kg	0.0084	0.0043	
			Fluorene	0.017	mg/Kg	0.0084	0.0063	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0084	0.0058	
			Naphthalene	0.031	mg/Kg	0.0084	0.0079	
			Phenanthrene	0.011	mg/Kg	0.0084	0.0054	
			Pyrene	ND	mg/Kg	0.0084	0.0048	
		AK102	DRO	410	mg/Kg	25	4	
		AK103	RRO	770	mg/Kg	50	50	VJ
		DU	Total Organic Carbon (TOC)	3.2	PERCENT	0.005	0.005	
		E160.3	Total Solids	59.3	PERCENT	0.01	0.01	
		SW6010B	Chromium	18	mg/Kg	1	0.3	
			Lead	17	mg/Kg	4	1	
			Zinc	53	mg/Kg	1	0.6	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.06	0.0161	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.12	0.0192	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.06	0.0083	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.06	0.0098	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.06	0.00644	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.06	0.0194	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.06	0.0158	
01NE29SD115	Sediment	SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.0029	0.0029	
			Acenaphthene	ND	mg/Kg	0.0029	0.002	
			Acenaphthylene	ND	mg/Kg	0.0029	0.0019	
			Anthracene	ND	mg/Kg	0.0029	0.0019	
			Benzo(a)anthracene	ND	mg/Kg	0.0029	0.0016	
			Benzo(a)pyrene	ND	mg/Kg	0.0029	0.0014	
			Benzo(b)fluoranthene	ND	mg/Kg	0.0029	0.0019	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0029	0.0016	
			Benzo(k)fluoranthene	ND	mg/Kg	0.0029	0.0015	
			Chrysene	ND	mg/Kg	0.0029	0.0014	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0029	0.0014	
			Dibenzofuran	ND	mg/Kg	0.0029	0.0029	
			Fluoranthene	ND	mg/Kg	0.0029	0.0015	
			Fluorene	ND	mg/Kg	0.0029	0.0022	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0029	0.002	
			Naphthalene	ND	mg/Kg	0.0029	0.0028	
			Phenanthrene	ND	mg/Kg	0.0029	0.0019	
			Pyrene	ND	mg/Kg	0.0029	0.0017	
		AK102	DRO	13	mg/Kg	5	0.68	
		AK103	RRO	26	mg/Kg	10	10	VJ
		DU	Total Organic Carbon (TOC)	0.74	PERCENT	0.005	0.005	
		E160.3	Total Solids	86.5	PERCENT	0.01	0.01	
		SW6010B	Chromium	11	mg/Kg	1	0.4	
			Lead	8	mg/Kg	6	2	
			Zinc	34	mg/Kg	2	0.9	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.05	0.0134	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.1	0.0161	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.05	0.00694	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.05	0.0082	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.05	0.00538	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.05	0.0163	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.05	0.0132	
01NE29SD116	Sediment	SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.0031	0.0031	
			Acenaphthene	ND	mg/Kg	0.0031	0.0021	
			Acenaphthylene	ND	mg/Kg	0.0031	0.002	
			Anthracene	ND	mg/Kg	0.0031	0.002	
			Benzo(a)anthracene	ND	mg/Kg	0.0031	0.0017	
			Benzo(a)pyrene	ND	mg/Kg	0.0031	0.0015	
			Benzo(b)fluoranthene	ND	mg/Kg	0.0031	0.002	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0031	0.0017	
			Benzo(k)fluoranthene	ND	mg/Kg	0.0031	0.0015	
			Chrysene	ND	mg/Kg	0.0031	0.0014	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0031	0.0015	

Summary of Analytical Results Site 29
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE29SD116	Sediment	SW8270 SIM	Dibenzofuran	ND	mg/Kg	0.0031	0.0031	
			Fluoranthene	ND	mg/Kg	0.0031	0.0016	
			Fluorene	ND	mg/Kg	0.0031	0.0023	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0031	0.0021	
			Naphthalene	ND	mg/Kg	0.0031	0.0029	
			Phenanthrene	ND	mg/Kg	0.0031	0.002	
			Pyrene	ND	mg/Kg	0.0031	0.0018	
		AK102	DRO	95	mg/Kg	5	0.71	
		AK103	RRO	250	mg/Kg	10	10	VJ
		DU	Total Organic Carbon (TOC)	4.7	PERCENT	0.005	0.005	
		E160.3	Total Solids	51.3	PERCENT	0.01	0.01	
		SW6010B	Chromium	15	mg/Kg	1	0.3	
			Lead	15	mg/Kg	4	1	
			Zinc	46	mg/Kg	1	0.6	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.052	0.014	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.1	0.0168	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.052	0.00723	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.052	0.00853	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.052	0.0056	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.052	0.0169	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.052	0.0137	
01NE29SD117	Sediment	SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.0022	0.0022	
			Acenaphthene	ND	mg/Kg	0.0022	0.0015	
			Acenaphthylene	ND	mg/Kg	0.0022	0.0015	
			Anthracene	ND	mg/Kg	0.0022	0.0015	
			Benzo(a)anthracene	ND	mg/Kg	0.0022	0.0012	
			Benzo(a)pyrene	ND	mg/Kg	0.0022	0.0011	
			Benzo(b)fluoranthene	ND	mg/Kg	0.0022	0.0014	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0022	0.0012	
			Benzo(k)fluoranthene	ND	mg/Kg	0.0022	0.0011	
			Chrysene	ND	mg/Kg	0.0022	0.001	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0022	0.0011	
			Dibenzofuran	ND	mg/Kg	0.0022	0.0022	
			Fluoranthene	ND	mg/Kg	0.0022	0.0011	
			Fluorene	ND	mg/Kg	0.0022	0.0017	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0022	0.0015	
			Naphthalene	ND	mg/Kg	0.0022	0.0021	
			Phenanthrene	ND	mg/Kg	0.0022	0.0014	
			Pyrene	ND	mg/Kg	0.0022	0.0013	
		AK102	DRO	9.3	mg/Kg	5	0.5	
		AK103	RRO	ND	mg/Kg	10	10	VQQ
		DU	Total Organic Carbon (TOC)	0.32	PERCENT	0.005	0.005	
		E160.3	Total Solids	87.1	PERCENT	0.01	0.01	
		SW6010B	Chromium	2.8	mg/Kg	0.5	0.1	
			Lead	8	mg/Kg	2	0.7	
			Zinc	26.6	mg/Kg	0.6	0.3	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.037	0.00992	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.074	0.0119	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.037	0.00513	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.037	0.00605	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.037	0.00397	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.037	0.012	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.037	0.00973	
01NE29SD118	Sediment	SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.008	0.008	
			Acenaphthene	ND	mg/Kg	0.008	0.0054	
			Acenaphthylene	ND	mg/Kg	0.008	0.0053	
			Anthracene	0.023	mg/Kg	0.008	0.0053	
			Benzo(a)anthracene	ND	mg/Kg	0.008	0.0044	
			Benzo(a)pyrene	ND	mg/Kg	0.008	0.0038	
			Benzo(b)fluoranthene	ND	mg/Kg	0.008	0.0051	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.008	0.0044	
			Benzo(k)fluoranthene	ND	mg/Kg	0.008	0.0039	
			Chrysene	ND	mg/Kg	0.008	0.0037	

Summary of Analytical Results Site 29
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE29SD118	Sediment	SW8270 SIM	Dibenzo(a,h)anthracene	ND	mg/Kg	0.008	0.0038	
			Dibenzofuran	ND	mg/Kg	0.008	0.008	
			Fluoranthene	0.01	mg/Kg	0.008	0.0041	
			Fluorene	ND	mg/Kg	0.008	0.006	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.008	0.0055	
			Naphthalene	ND	mg/Kg	0.008	0.0075	
			Phenanthrene	0.022	mg/Kg	0.008	0.0051	
			Pyrene	ND	mg/Kg	0.008	0.0045	
		AK102	DRO	18	mg/Kg	5	0.6	
		AK103	RRO	45	mg/Kg	10	10	VJ
		DU	Total Organic Carbon (TOC)	0.58	PERCENT	0.005	0.005	
		E160.3	Total Solids	81.8	PERCENT	0.01	0.01	
		SW6010B	Chromium	11.3	mg/Kg	0.9	0.2	
			Lead	11	mg/Kg	4	1	
			Zinc	35	mg/Kg	1	0.5	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.045	0.0119	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.089	0.0143	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.045	0.00617	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.045	0.00728	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.045	0.00478	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.045	0.0144	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.045	0.0117	
01NE29SD119	Sediment	SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.0066	0.0066	
			Acenaphthene	ND	mg/Kg	0.0066	0.0045	
			Acenaphthylene	ND	mg/Kg	0.0066	0.0044	
			Anthracene	ND	mg/Kg	0.0066	0.0044	
			Benzo(a)anthracene	ND	mg/Kg	0.0066	0.0037	
			Benzo(a)pyrene	ND	mg/Kg	0.0066	0.0032	
			Benzo(b)fluoranthene	ND	mg/Kg	0.0066	0.0043	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0066	0.0037	
			Benzo(k)fluoranthene	ND	mg/Kg	0.0066	0.0033	
			Chrysene	ND	mg/Kg	0.0066	0.0031	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0066	0.0032	
			Dibenzofuran	ND	mg/Kg	0.0066	0.0066	
			Fluoranthene	ND	mg/Kg	0.0066	0.0034	
			Fluorene	ND	mg/Kg	0.0066	0.005	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0066	0.0046	
			Naphthalene	ND	mg/Kg	0.0066	0.0063	
			Phenanthrene	ND	mg/Kg	0.0066	0.0043	
			Pyrene	ND	mg/Kg	0.0066	0.0038	
		AK102	DRO	15	mg/Kg	5	0.51	
		AK103	RRO	100	mg/Kg	10	10	VJ
		DU	Total Organic Carbon (TOC)	0.5	PERCENT	0.005	0.005	
		E160.3	Total Solids	86.5	PERCENT	0.01	0.01	
		SW6010B	Chromium	24.9	mg/Kg	0.6	0.1	
			Lead	24	mg/Kg	2	0.7	
			Zinc	43.5	mg/Kg	0.7	0.3	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.038	0.01	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.075	0.012	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.038	0.00518	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.038	0.00612	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.038	0.00402	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.038	0.0121	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.038	0.00984	
01NE29SD120	Sediment	AK102	DRO	27	mg/Kg	5	0.55	
		AK103	RRO	51	mg/Kg	10	10	VJ
		DU	Total Organic Carbon (TOC)	0.27	PERCENT	0.005	0.005	
		E160.3	Total Solids	86.4	PERCENT	0.01	0.01	
		SW6010B	Chromium	3.9	mg/Kg	0.6	0.2	
			Lead	5	mg/Kg	2	0.8	
			Zinc	14.4	mg/Kg	0.7	0.4	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.041	0.0108	VQQ
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.081	0.013	VQQ

Summary of Analytical Results Site 29
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE29SD120	Sediment	SW8082	PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.041	0.0056	VQQ
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.041	0.00661	VQQ
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.041	0.00434	VQQ
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.041	0.0131	VQQ
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.041	0.0106	VQQ
01NE29SD121	Sediment	SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.0064	0.0064	
			Acenaphthene	ND	mg/Kg	0.0064	0.0043	
			Acenaphthylene	ND	mg/Kg	0.0064	0.0042	
			Anthracene	ND	mg/Kg	0.0064	0.0042	
			Benzo(a)anthracene	ND	mg/Kg	0.0064	0.0036	
			Benzo(a)pyrene	ND	mg/Kg	0.0064	0.0031	
			Benzo(b)fluoranthene	ND	mg/Kg	0.0064	0.0041	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0064	0.0036	
			Benzo(k)fluoranthene	ND	mg/Kg	0.0064	0.0032	
			Chrysene	ND	mg/Kg	0.0064	0.003	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0064	0.0031	
			Dibenzofuran	ND	mg/Kg	0.0064	0.0064	
			Fluoranthene	ND	mg/Kg	0.0064	0.0033	
			Fluorene	ND	mg/Kg	0.0064	0.0048	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0064	0.0044	
			Naphthalene	ND	mg/Kg	0.0064	0.0061	
			Phenanthrene	ND	mg/Kg	0.0064	0.0041	
			Pyrene	ND	mg/Kg	0.0064	0.0037	
		AK102	DRO	ND	mg/Kg	5	0.49	
		AK103	RRO	10	mg/Kg	10	10	VJ
		DU	Total Organic Carbon (TOC)	0.19	PERCENT	0.005	0.005	
		E160.3	Total Solids	87.4	PERCENT	0.01	0.01	
		SW6010B	Chromium	4.9	mg/Kg	0.6	0.1	
			Lead	5	mg/Kg	2	0.7	
			Zinc	19.7	mg/Kg	0.7	0.3	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.036	0.00967	VQQ
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.072	0.0116	VQQ
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.036	0.005	VQQ
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.036	0.0059	VQQ
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.036	0.00387	VQQ
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.036	0.0117	VQQ
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.036	0.00948	VQQ
01NE29SD122	Sediment	SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.007	0.007	
			Acenaphthene	ND	mg/Kg	0.007	0.0047	
			Acenaphthylene	ND	mg/Kg	0.007	0.0046	
			Anthracene	ND	mg/Kg	0.007	0.0046	
			Benzo(a)anthracene	ND	mg/Kg	0.007	0.0039	
			Benzo(a)pyrene	ND	mg/Kg	0.007	0.0033	
			Benzo(b)fluoranthene	ND	mg/Kg	0.007	0.0045	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.007	0.0039	
			Benzo(k)fluoranthene	ND	mg/Kg	0.007	0.0035	
			Chrysene	ND	mg/Kg	0.007	0.0032	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.007	0.0033	
			Dibenzofuran	ND	mg/Kg	0.007	0.007	
			Fluoranthene	ND	mg/Kg	0.007	0.0036	
			Fluorene	ND	mg/Kg	0.007	0.0052	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.007	0.0048	
			Naphthalene	ND	mg/Kg	0.007	0.0066	
			Phenanthrene	ND	mg/Kg	0.007	0.0045	
			Pyrene	ND	mg/Kg	0.007	0.004	
		AK102	DRO	37	mg/Kg	5	0.54	VLB
		AK103	RRO	50	mg/Kg	10	10	VLB
		DU	Total Organic Carbon (TOC)	1.1	PERCENT	0.005	0.005	
		E160.3	Total Solids	77.4	PERCENT	0.01	0.01	
		SW6010B	Chromium	2.9	mg/Kg	0.6	0.1	
			Lead	6	mg/Kg	2	0.7	
			Zinc	16.2	mg/Kg	0.7	0.3	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.04	0.0107	VQQ

Summary of Analytical Results Site 29
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE29SD122	Sediment	SW8082	PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.08	0.0128	VQQ
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.04	0.00551	VQQ
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.04	0.00651	VQQ
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.04	0.00428	VQQ
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.04	0.0129	VQQ
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.04	0.0105	VQQ
01NE29SD123	Sediment	SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.026	0.026	
			Acenaphthene	ND	mg/Kg	0.026	0.018	
			Acenaphthylene	ND	mg/Kg	0.026	0.017	
			Anthracene	ND	mg/Kg	0.026	0.017	
			Benzo(a)anthracene	ND	mg/Kg	0.026	0.014	
			Benzo(a)pyrene	ND	mg/Kg	0.026	0.013	
			Benzo(b)fluoranthene	ND	mg/Kg	0.026	0.017	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.026	0.014	
			Benzo(k)fluoranthene	ND	mg/Kg	0.026	0.013	
			Chrysene	ND	mg/Kg	0.026	0.012	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.026	0.013	
			Dibenzofuran	ND	mg/Kg	0.026	0.026	
			Fluoranthene	ND	mg/Kg	0.026	0.013	
			Fluorene	ND	mg/Kg	0.026	0.02	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.026	0.018	
			Naphthalene	ND	mg/Kg	0.026	0.025	
			Phenanthrene	ND	mg/Kg	0.026	0.017	
			Pyrene	ND	mg/Kg	0.026	0.015	
		AK102	DRO	44	mg/Kg	5.5	0.98	VLB
		AK103	Motor Oils	180	mg/Kg	11	11	VLB
		DU	Total Organic Carbon (TOC)	8.9	PERCENT	0.005	0.005	
		E160.3	Total Solids	25.9	PERCENT	0.01	0.01	
		SW6010B	Chromium	27	mg/Kg	1	0.3	
			Lead	23	mg/Kg	4	1	
			Zinc	69	mg/Kg	1	0.6	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.073	0.0195	VQQ
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.15	0.0233	VQQ
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.073	0.0101	VQQ
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.073	0.0119	VQQ
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.073	0.0078	VQQ
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.073	0.0235	VQQ
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.073	0.0191	VQQ
01NE29SD124	Sediment	SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.0087	0.0087	
			Acenaphthene	ND	mg/Kg	0.0087	0.0059	
			Acenaphthylene	0.01	mg/Kg	0.0087	0.0057	
			Anthracene	ND	mg/Kg	0.0087	0.0057	
			Benzo(a)anthracene	ND	mg/Kg	0.0087	0.0048	
			Benzo(a)pyrene	ND	mg/Kg	0.0087	0.0042	
			Benzo(b)fluoranthene	ND	mg/Kg	0.0087	0.0056	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0087	0.0048	
			Benzo(k)fluoranthene	ND	mg/Kg	0.0087	0.0043	
			Chrysene	ND	mg/Kg	0.0087	0.004	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0087	0.0042	
			Dibenzofuran	ND	mg/Kg	0.0087	0.0087	
			Fluoranthene	ND	mg/Kg	0.0087	0.0044	
			Fluorene	0.013	mg/Kg	0.0087	0.0065	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0087	0.006	
			Naphthalene	ND	mg/Kg	0.0087	0.0082	
			Phenanthrene	0.01	mg/Kg	0.0087	0.0056	
			Pyrene	ND	mg/Kg	0.0087	0.0049	
		AK102	DRO	1400	mg/Kg	25	3.3	
		AK103	RRO	580	mg/Kg	50	50	VJ
		DU	Total Organic Carbon (TOC)	5.2	PERCENT	0.005	0.005	
		E160.3	Total Solids	50.9	PERCENT	0.01	0.01	
		SW6010B	Chromium	7.3	mg/Kg	0.7	0.2	
			Lead	9	mg/Kg	3	0.9	
			Zinc	34.6	mg/Kg	0.8	0.4	

Summary of Analytical Results Site 29
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE29SD124	Sediment	SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.048	0.0129	VQQ
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.097	0.0154	VQQ
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.048	0.00666	VQQ
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.048	0.00786	VQQ
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.048	0.00516	VQQ
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.048	0.0156	VQQ
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.048	0.0126	VQQ
01NE29SD125	Sediment	SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.0085	0.0085	VQQ
			Acenaphthene	ND	mg/Kg	0.0085	0.0057	VQQ
			Acenaphthylene	ND	mg/Kg	0.0085	0.0056	VQQ
			Anthracene	ND	mg/Kg	0.0085	0.0056	VQQ
			Benzo(a)anthracene	ND	mg/Kg	0.0085	0.0047	VQQ
			Benzo(a)pyrene	ND	mg/Kg	0.0085	0.0041	VQQ
			Benzo(b)fluoranthene	ND	mg/Kg	0.0085	0.0055	VQQ
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0085	0.0047	VQQ
			Benzo(k)fluoranthene	ND	mg/Kg	0.0085	0.0042	VQQ
			Chrysene	ND	mg/Kg	0.0085	0.0039	VQQ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0085	0.0041	VQQ
			Dibenzofuran	ND	mg/Kg	0.0085	0.0085	VQQ
			Fluoranthene	ND	mg/Kg	0.0085	0.0043	VQQ
			Fluorene	ND	mg/Kg	0.0085	0.0064	VQQ
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0085	0.0058	VQQ
			Naphthalene	ND	mg/Kg	0.0085	0.008	VQQ
			Phenanthrene	ND	mg/Kg	0.0085	0.0055	VQQ
			Pyrene	ND	mg/Kg	0.0085	0.0048	VQQ
		AK102	DRO	150	mg/Kg	20	2.6	
		AK103	RRO	790	mg/Kg	40	40	VJ
		DU	Total Organic Carbon (TOC)	3.9	PERCENT	0.005	0.005	
		E160.3	Total Solids	65.1	PERCENT	0.01	0.01	
		SW6010B	Chromium	12.8	mg/Kg	0.7	0.2	
			Lead	9	mg/Kg	3	0.9	
			Zinc	32.1	mg/Kg	0.8	0.4	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.048	0.0128	VQQ
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.096	0.0154	VQQ
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.048	0.00663	VQQ
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.048	0.00783	VQQ
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.048	0.00514	VQQ
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.048	0.0155	VQQ
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.048	0.0126	VQQ
01NE29SD126	Sediment	SW8260 SIM	Benzene	ND	mg/Kg	0.0044	0.0044	
			Ethylbenzene	ND	mg/Kg	0.0044	0.0021	
			m,p-Xylene (sum)	ND	mg/Kg	0.0088	0.0088	
			o-Xylene	ND	mg/Kg	0.0044	0.0037	
			Toluene	0.0074	mg/Kg	0.0044	0.0042	VB
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.0083	0.0083	VQQ
			Acenaphthene	ND	mg/Kg	0.0083	0.0056	VQQ
			Acenaphthylene	ND	mg/Kg	0.0083	0.0055	VQQ
			Anthracene	ND	mg/Kg	0.0083	0.0055	VQQ
			Benzo(a)anthracene	ND	mg/Kg	0.0083	0.0046	VQQ
			Benzo(a)pyrene	ND	mg/Kg	0.0083	0.004	VQQ
			Benzo(b)fluoranthene	ND	mg/Kg	0.0083	0.0053	VQQ
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0083	0.0046	VQQ
			Benzo(k)fluoranthene	ND	mg/Kg	0.0083	0.0041	VQQ
			Chrysene	ND	mg/Kg	0.0083	0.0039	VQQ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0083	0.004	VQQ
			Dibenzofuran	ND	mg/Kg	0.0083	0.0083	VQQ
			Fluoranthene	ND	mg/Kg	0.0083	0.0042	VQQ
			Fluorene	ND	mg/Kg	0.0083	0.0062	VQQ
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0083	0.0057	VQQ
			Naphthalene	ND	mg/Kg	0.0083	0.0078	VQQ
			Phenanthrene	ND	mg/Kg	0.0083	0.0053	VQQ
			Pyrene	ND	mg/Kg	0.0083	0.0047	VQQ
		AK101	GRO	ND	mg/Kg	8.56	2.96	

Summary of Analytical Results Site 29
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE29SD126	Sediment	AK102	DRO	240	mg/Kg	25	3.2	
		AK103	RRO	1000	mg/Kg	50	50	VJ
		E200.8	Arsenic	3.3	mg/Kg	0.4	0.08	
		SW6010B	Aluminum	15900	mg/Kg	4	2	
			Antimony	ND	mg/Kg	10	3	
			Barium	115	mg/Kg	0.6	0.08	
			Beryllium	1.3	mg/Kg	0.2	0.06	
			Cadmium	ND	mg/Kg	0.4	0.2	
			Calcium	3270	mg/Kg	10	0.06	
			Chromium	22.9	mg/Kg	1	0.3	
			Cobalt	4.8	mg/Kg	0.6	0.1	
			Copper	10.9	mg/Kg	0.4	0.4	
			Iron	14900	mg/Kg	4	1	
			Lead	14	mg/Kg	4	1	
			Magnesium	3770	mg/Kg	4	2	
			Manganese	114	mg/Kg	0.2	0.06	
			Nickel	14	mg/Kg	2	0.7	
			Potassium	1140	mg/Kg	100	70	
			Selenium	ND	mg/Kg	10	2	
			Silver	ND	mg/Kg	0.6	0.1	
			Sodium	416	mg/Kg	10	3	
			Thallium	ND	mg/Kg	10	1	
			Vanadium	34.2	mg/Kg	0.6	0.3	
			Zinc	44	mg/Kg	1	0.6	
		SW7471A	Mercury	ND	mg/Kg	0.09	0.03	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.047	0.0125	VQQ
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.094	0.015	VQQ
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.047	0.00649	VQQ
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.047	0.00766	VQQ
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.047	0.00503	VQQ
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.047	0.0152	VQQ
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.047	0.0123	VQQ
01NE29SD127	Sediment	SW8260 SIM	Benzene	ND	mg/Kg	0.0029	0.0029	
			Ethylbenzene	ND	mg/Kg	0.0029	0.0014	
			m,p-Xylene (sum)	ND	mg/Kg	0.0057	0.0057	
			o-Xylene	ND	mg/Kg	0.0029	0.0024	
			Toluene	0.0097	mg/Kg	0.0029	0.0027	VB
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.0089	0.0089	
			Acenaphthene	ND	mg/Kg	0.0089	0.006	
			Acenaphthylene	ND	mg/Kg	0.0089	0.0059	
			Anthracene	ND	mg/Kg	0.0089	0.0059	
			Benzo(a)anthracene	ND	mg/Kg	0.0089	0.005	
			Benzo(a)pyrene	ND	mg/Kg	0.0089	0.0043	
			Benzo(b)fluoranthene	ND	mg/Kg	0.0089	0.0058	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0089	0.005	
			Benzo(k)fluoranthene	ND	mg/Kg	0.0089	0.0044	
			Chrysene	ND	mg/Kg	0.0089	0.0042	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0089	0.0043	
			Dibenzofuran	ND	mg/Kg	0.0089	0.0089	
			Fluoranthene	ND	mg/Kg	0.0089	0.0046	
			Fluorene	ND	mg/Kg	0.0089	0.0067	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0089	0.0062	
			Naphthalene	ND	mg/Kg	0.0089	0.0084	
			Phenanthrene	ND	mg/Kg	0.0089	0.0058	
			Pyrene	ND	mg/Kg	0.0089	0.0051	
		AK101	GRO	ND	mg/Kg	5.18	1.79	
		AK102	DRO	59	mg/Kg	5	0.68	
		AK103	RRO	440	mg/Kg	10	10	VJ
		E200.8	Arsenic	5.7	mg/Kg	0.3	0.05	
		SW6010B	Aluminum	12100	mg/Kg	3	2	
			Antimony	ND	mg/Kg	7	2	
			Barium	88.6	mg/Kg	0.4	0.06	
			Beryllium	0.7	mg/Kg	0.1	0.04	

Summary of Analytical Results Site 29
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE29SD127	Sediment	SW6010B	Cadmium	ND	mg/Kg	0.3	0.1	
			Calcium	2260	mg/Kg	7	0.04	
			Chromium	17.8	mg/Kg	0.7	0.2	
			Cobalt	7	mg/Kg	0.4	0.09	
			Copper	11	mg/Kg	0.3	0.3	
			Iron	9520	mg/Kg	3	0.9	
			Lead	9	mg/Kg	3	1	
			Magnesium	2650	mg/Kg	3	1	
			Manganese	80.1	mg/Kg	0.1	0.04	
			Nickel	13	mg/Kg	1	0.5	
			Potassium	930	mg/Kg	70	60	
			Selenium	ND	mg/Kg	7	1	
			Silver	ND	mg/Kg	0.4	0.1	
			Sodium	530	mg/Kg	7	2	
			Thallium	ND	mg/Kg	7	0.9	
			Vanadium	30	mg/Kg	0.4	0.2	
			Zinc	31.4	mg/Kg	0.9	0.4	
		SW7471A	Mercury	ND	mg/Kg	0.06	0.02	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.05	0.0135	VQQ
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.1	0.0161	VQQ
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.05	0.00696	VQQ
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.05	0.00822	VQQ
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.05	0.0054	VQQ
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.05	0.0163	VQQ
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.05	0.0132	VQQ
01NE29SD128	Sediment	SW8260 SIM	Benzene	ND	mg/Kg	0.0033	0.0033	
			Ethylbenzene	ND	mg/Kg	0.0033	0.0016	
			m,p-Xylene (sum)	ND	mg/Kg	0.0065	0.0065	
			o-Xylene	ND	mg/Kg	0.0033	0.0028	
			Toluene	0.0064	mg/Kg	0.0033	0.0031	VB
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.0087	0.0087	VQQ
			Acenaphthene	ND	mg/Kg	0.0087	0.0059	VQQ
			Acenaphthylene	ND	mg/Kg	0.0087	0.0058	VQQ
			Anthracene	ND	mg/Kg	0.0087	0.0058	VQQ
			Benzo(a)anthracene	ND	mg/Kg	0.0087	0.0048	VQQ
			Benzo(a)pyrene	ND	mg/Kg	0.0087	0.0042	VQQ
			Benzo(b)fluoranthene	ND	mg/Kg	0.0087	0.0056	VQQ
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0087	0.0048	VQQ
			Benzo(k)fluoranthene	ND	mg/Kg	0.0087	0.0043	VQQ
			Chrysene	ND	mg/Kg	0.0087	0.0041	VQQ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0087	0.0042	VQQ
			Dibenzofuran	ND	mg/Kg	0.0087	0.0087	VQQ
			Fluoranthene	ND	mg/Kg	0.0087	0.0044	VQQ
			Fluorene	ND	mg/Kg	0.0087	0.0065	VQQ
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0087	0.006	VQQ
			Naphthalene	ND	mg/Kg	0.0087	0.0082	VQQ
			Phenanthrene	ND	mg/Kg	0.0087	0.0056	VQQ
			Pyrene	ND	mg/Kg	0.0087	0.005	VQQ
		AK101	GRO	ND	mg/Kg	5.09	1.76	
		AK102	DRO	180	mg/Kg	25	3.3	
		AK103	RRO	1000	mg/Kg	50	50	VJ
		E200.8	Arsenic	4.8	mg/Kg	0.5	0.09	
		SW6010B	Aluminum	13100	mg/Kg	3	2	
			Antimony	ND	mg/Kg	7	2	
			Barium	104	mg/Kg	0.4	0.05	
			Beryllium	0.3	mg/Kg	0.1	0.04	
			Cadmium	ND	mg/Kg	0.3	0.1	
			Calcium	1890	mg/Kg	7	0.04	
			Chromium	20.8	mg/Kg	0.7	0.2	
			Cobalt	3.9	mg/Kg	0.4	0.08	
			Copper	10.8	mg/Kg	0.3	0.3	
			Iron	12900	mg/Kg	3	0.8	
			Lead	8	mg/Kg	3	0.9	

Summary of Analytical Results Site 29
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE29SD128	Sediment	SW6010B	Magnesium	3290	mg/Kg	3	1	
			Manganese	90.1	mg/Kg	0.1	0.04	
			Nickel	13	mg/Kg	1	0.5	
			Potassium	1020	mg/Kg	70	50	
			Selenium	ND	mg/Kg	7	1	
			Silver	ND	mg/Kg	0.4	0.09	
			Sodium	713	mg/Kg	7	2	
			Thallium	ND	mg/Kg	7	0.8	
			Vanadium	35	mg/Kg	0.4	0.2	
			Zinc	33.1	mg/Kg	0.8	0.4	
		SW7471A	Mercury	0.05	mg/Kg	0.05	0.01	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.049	0.013	VQQ
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.098	0.0156	VQQ
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.049	0.00673	VQQ
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.049	0.00795	VQQ
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.049	0.00522	VQQ
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.049	0.0158	VQQ
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.049	0.0128	VQQ
01NE29SD129	Sediment	SW8260 SIM	Benzene	ND	mg/Kg	0.0012	0.0012	
			Ethylbenzene	ND	mg/Kg	0.0012	0.00061	
			m,p-Xylene (sum)	0.0032	mg/Kg	0.0025	0.0025	VB
			o-Xylene	ND	mg/Kg	0.0012	0.0011	
			Toluene	0.0047	mg/Kg	0.0012	0.0012	VB
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.0068	0.0068	
			Acenaphthene	ND	mg/Kg	0.0068	0.0046	
			Acenaphthylene	ND	mg/Kg	0.0068	0.0045	
			Anthracene	ND	mg/Kg	0.0068	0.0045	
			Benzo(a)anthracene	ND	mg/Kg	0.0068	0.0038	
			Benzo(a)pyrene	ND	mg/Kg	0.0068	0.0032	
			Benzo(b)fluoranthene	ND	mg/Kg	0.0068	0.0044	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0068	0.0038	
			Benzo(k)fluoranthene	ND	mg/Kg	0.0068	0.0033	
			Chrysene	ND	mg/Kg	0.0068	0.0031	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0068	0.0032	
			Dibenzofuran	ND	mg/Kg	0.0068	0.0068	
			Fluoranthene	ND	mg/Kg	0.0068	0.0034	
			Fluorene	ND	mg/Kg	0.0068	0.0051	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0068	0.0047	
			Naphthalene	ND	mg/Kg	0.0068	0.0064	
			Phenanthrene	ND	mg/Kg	0.0068	0.0044	
			Pyrene	ND	mg/Kg	0.0068	0.0039	
		AK101	GRO	ND	mg/Kg	5	0.739	
		AK102	DRO	15	mg/Kg	5	0.52	
		AK103	RRO	73	mg/Kg	10	10	VJ
		E200.8	Arsenic	2.8	mg/Kg	0.2	0.05	
		SW6010B	Aluminum	4820	mg/Kg	2	1	
			Antimony	ND	mg/Kg	5	2	
			Barium	39.8	mg/Kg	0.3	0.04	
			Beryllium	0.2	mg/Kg	0.1	0.03	
			Cadmium	ND	mg/Kg	0.2	0.09	
			Calcium	1580	mg/Kg	5	0.03	
			Chromium	6.1	mg/Kg	0.5	0.1	
			Cobalt	2	mg/Kg	0.3	0.07	
			Copper	1.8	mg/Kg	0.2	0.2	
			Iron	8720	mg/Kg	2	0.7	
			Lead	4	mg/Kg	2	0.7	
			Magnesium	2030	mg/Kg	2	0.9	
			Manganese	96.1	mg/Kg	0.1	0.03	
			Nickel	5	mg/Kg	1	0.4	
			Potassium	1360	mg/Kg	50	40	
			Selenium	ND	mg/Kg	5	1	
			Silver	ND	mg/Kg	0.3	0.08	
			Sodium	577	mg/Kg	5	2	

Summary of Analytical Results Site 29
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE29SD129	Sediment	SW6010B	Thallium	ND	mg/Kg	5	0.7	
			Vanadium	16.7	mg/Kg	0.3	0.2	
			Zinc	17.9	mg/Kg	0.7	0.3	
		SW7471A	Mercury	ND	mg/Kg	0.04	0.01	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.038	0.0102	VQQ
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.077	0.0123	VQQ
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.038	0.0053	VQQ
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.038	0.00626	VQQ
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.038	0.00411	VQQ
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.038	0.0124	VQQ
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.038	0.0101	VQQ
01NE29SD214	Sediment	SW8270 SIM	2-Methylnaphthalene	0.13	mg/Kg	0.0038	0.0038	
			Acenaphthene	0.014	mg/Kg	0.0038	0.0026	VP,VJ
			Acenaphthylene	ND	mg/Kg	0.0038	0.0025	
			Anthracene	ND	mg/Kg	0.0038	0.0025	
			Benzo(a)anthracene	ND	mg/Kg	0.0038	0.0021	
			Benzo(a)pyrene	ND	mg/Kg	0.0038	0.0018	
			Benzo(b)fluoranthene	0.0042	mg/Kg	0.0038	0.0025	VP,VJ
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0038	0.0021	
			Benzo(k)fluoranthene	0.0042	mg/Kg	0.0038	0.0019	VP,VJ
			Chrysene	0.0053	mg/Kg	0.0038	0.0018	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0038	0.0018	
			Dibenzofuran	0.013	mg/Kg	0.0038	0.0038	
			Fluoranthene	0.036	mg/Kg	0.0038	0.0019	
			Fluorene	0.026	mg/Kg	0.0038	0.0029	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0038	0.0026	
			Naphthalene	0.026	mg/Kg	0.0038	0.0036	
			Phenanthrene	0.063	mg/Kg	0.0038	0.0025	
			Pyrene	0.017	mg/Kg	0.0038	0.0022	
		AK102	DRO	380	mg/Kg	25	4.4	
		AK103	RRO	810	mg/Kg	50	50	VJ
		SW6010B	Chromium	16	mg/Kg	1	0.3	
			Lead	14	mg/Kg	4	1	
			Zinc	44	mg/Kg	1	0.6	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.065	0.0174	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.13	0.0208	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.065	0.00899	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.065	0.0106	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.065	0.00697	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.065	0.021	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.065	0.0171	
01NE29SD225	Sediment	SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.0091	0.0091	
			Acenaphthene	ND	mg/Kg	0.0091	0.0062	
			Acenaphthylene	ND	mg/Kg	0.0091	0.006	
			Anthracene	ND	mg/Kg	0.0091	0.006	
			Benzo(a)anthracene	ND	mg/Kg	0.0091	0.0051	
			Benzo(a)pyrene	ND	mg/Kg	0.0091	0.0044	
			Benzo(b)fluoranthene	ND	mg/Kg	0.0091	0.0059	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0091	0.0051	
			Benzo(k)fluoranthene	ND	mg/Kg	0.0091	0.0045	
			Chrysene	ND	mg/Kg	0.0091	0.0043	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0091	0.0044	
			Dibenzofuran	ND	mg/Kg	0.0091	0.0091	
			Fluoranthene	ND	mg/Kg	0.0091	0.0047	
			Fluorene	ND	mg/Kg	0.0091	0.0069	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0091	0.0063	
			Naphthalene	ND	mg/Kg	0.0091	0.0086	
			Phenanthrene	ND	mg/Kg	0.0091	0.0059	
			Pyrene	ND	mg/Kg	0.0091	0.0052	
		AK102	DRO	150	mg/Kg	20	2.8	
		AK103	RRO	680	mg/Kg	40	40	VJ
		SW6010B	Chromium	12.5	mg/Kg	0.6	0.2	
			Lead	7	mg/Kg	3	0.8	

Summary of Analytical Results Site 29
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE29SD225	Sediment	SW6010B	Zinc	27.5	mg/Kg	0.8	0.4	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.052	0.0138	VQQ
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.1	0.0165	VQQ
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.052	0.00712	VQQ
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.052	0.00841	VQQ
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.052	0.00552	VQQ
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.052	0.0167	VQQ
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.052	0.0135	VQQ
01NE29SW114	Surface Water	SW8270 SIM	2-Methylnaphthalene	ND	mg/L	0.00005	0.00005	
			Acenaphthene	ND	mg/L	0.00005	0.00004	
			Acenaphthylene	ND	mg/L	0.00005	0.00005	
			Anthracene	ND	mg/L	0.00005	0.00002	
			Benzo(a)anthracene	ND	mg/L	0.00005	0.00002	
			Benzo(a)pyrene	ND	mg/L	0.00005	0.00001	
			Benzo(b)fluoranthene	ND	mg/L	0.00005	0.00002	
			Benzo(g,h,i)perylene	ND	mg/L	0.00005	0.00004	
			Benzo(k)fluoranthene	ND	mg/L	0.00005	0.00002	
			Chrysene	ND	mg/L	0.00005	0.00001	
			Dibenzo(a,h)anthracene	ND	mg/L	0.00005	0.00005	
			Dibenzofuran	ND	mg/L	0.00005	0.00005	
			Fluoranthene	ND	mg/L	0.00005	0.00005	
			Fluorene	ND	mg/L	0.00005	0.00005	
			Indeno(1,2,3-cd)pyrene	ND	mg/L	0.00005	0.00004	
			Naphthalene	ND	mg/L	0.00005	0.00005	
			Phenanthrene	ND	mg/L	0.00005	0.00004	
			Pyrene	ND	mg/L	0.00005	0.00005	
		AK101	GRO	ND	mg/L	0.25	0.1	
		AK102	DRO	ND	mg/L	0.25	0.02	
		AK103	RRO	ND	mg/L	0.5	0.5	VQQ
		SW6010B	Aluminum	0.04	mg/L	0.02	0.012	
			Antimony	ND	mg/L	0.05	0.014	
			Barium	0.005	mg/L	0.003	0.0004	
			Beryllium	ND	mg/L	0.001	0.0003	
			Cadmium	ND	mg/L	0.002	0.00084	
			Calcium	7.62	mg/L	0.05	0.0003	
			Chromium	ND	mg/L	0.005	0.0013	
			Cobalt	ND	mg/L	0.003	0.0006	
			Copper	ND	mg/L	0.002	0.002	
			Iron	0.31	mg/L	0.02	0.0063	
			Magnesium	1.98	mg/L	0.02	0.0084	
			Manganese	0.017	mg/L	0.001	0.0003	
			Nickel	ND	mg/L	0.01	0.0034	
			Potassium	0.68	mg/L	0.5	0.38	
			Silver	ND	mg/L	0.003	0.0007	
			Sodium	14.2	mg/L	0.05	0.015	
			Vanadium	ND	mg/L	0.003	0.0017	
			Zinc	ND	mg/L	0.006	0.0029	
		SW7060A	Arsenic	ND	mg/L	0.001	0.00054	
		SW7421	Lead	ND	mg/L	0.001	0.00086	
		SW7470A	Mercury	ND	mg/L	0.0001	0.00003	
		SW7740	Selenium	ND	mg/L	0.002	0.00083	
		SW7841	Thallium	ND	mg/L	0.001	0.00081	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/L	0.001	0.00027	
			PCB-1221 (Aroclor 1221)	ND	mg/L	0.002	0.00025	
			PCB-1232 (Aroclor 1232)	ND	mg/L	0.001	0.00026	
			PCB-1242 (Aroclor 1242)	ND	mg/L	0.001	0.00021	
			PCB-1248 (Aroclor 1248)	ND	mg/L	0.001	0.00025	
			PCB-1254 (Aroclor 1254)	ND	mg/L	0.001	0.0003	
			PCB-1260 (Aroclor 1260)	ND	mg/L	0.001	0.00032	
		SW8260	1,1,1,2-Tetrachloroethane	ND	mg/L	0.001	0.00026	
			1,1,1-Trichloroethane	ND	mg/L	0.001	0.0004	
			1,1,2,2-Tetrachloroethane	ND	mg/L	0.001	0.00032	
			1,1,2-Trichloro-1,2,2-trifluoroeth	ND	mg/L	0.002	0.0003	

Summary of Analytical Results Site 29
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE29SW114	Surface Water	SW8260	1,1,2-Trichloroethane	ND	mg/L	0.001	0.00039	
			1,1-Dichloroethane	ND	mg/L	0.001	0.00049	
			1,1-Dichloroethene	ND	mg/L	0.001	0.00049	
			1,1-Dichloropropene	ND	mg/L	0.001	0.00028	
			1,2,3-Trichlorobenzene	ND	mg/L	0.005	0.00035	
			1,2,3-Trichloropropane	ND	mg/L	0.003	0.00092	
			1,2,4-Trichlorobenzene	ND	mg/L	0.005	0.00049	
			1,2,4-Trimethylbenzene	ND	mg/L	0.001	0.00034	
			1,2-Dibromo-3-chloropropane	ND	mg/L	0.005	0.00097	
			1,2-Dibromoethane	ND	mg/L	0.001	0.00033	
			1,2-Dichlorobenzene	ND	mg/L	0.001	0.00038	
			1,2-Dichloroethane	ND	mg/L	0.001	0.00037	
			1,2-Dichloropropane	ND	mg/L	0.001	0.00042	
			1,3,5-Trimethylbenzene	ND	mg/L	0.001	0.00043	
			1,3-Dichlorobenzene	ND	mg/L	0.001	0.00044	
			1,3-Dichloropropane	ND	mg/L	0.001	0.00024	
			1,4-Dichlorobenzene	ND	mg/L	0.001	0.0004	
			2,2-Dichloropropane	ND	mg/L	0.001	0.00037	
			2-Butanone	ND	mg/L	0.005	0.00283	
			2-Chloroethyl vinyl ether	ND	mg/L	0.005	0.00019	
			2-Chlorotoluene	ND	mg/L	0.001	0.00046	
			2-Hexanone	ND	mg/L	0.005	0.00113	
			4-Chlorotoluene	ND	mg/L	0.001	0.00059	
			4-Isopropyltoluene	ND	mg/L	0.001	0.00026	
			4-Methyl-2-pentanone	ND	mg/L	0.005	0.00138	
			Acetone	ND	mg/L	0.005	0.00304	
			Acrolein	ND	mg/L	0.05	0.00414	
			Acrylamide	ND	mg/L	0.001	0.00078	
			Benzene	ND	mg/L	0.001	0.00043	
			Bromobenzene	ND	mg/L	0.001	0.00058	
			Bromochloromethane	ND	mg/L	0.001	0.00058	
			Bromodichloromethane	ND	mg/L	0.001	0.00034	
			Bromoethane	ND	mg/L	0.002	0.00064	
			Bromoform	ND	mg/L	0.001	0.00031	
			Bromomethane	ND	mg/L	0.001	0.00058	
			Carbon disulfide	ND	mg/L	0.001	0.00036	
			Carbon tetrachloride	ND	mg/L	0.001	0.00045	
			Chlorobenzene	ND	mg/L	0.001	0.00036	
			Chloroethane	ND	mg/L	0.001	0.00051	
			Chloroform	ND	mg/L	0.001	0.00053	
			Chloromethane	ND	mg/L	0.001	0.00056	
			cis-1,2-Dichloroethene	ND	mg/L	0.001	0.00039	
			cis-1,3-Dichloropropene	ND	mg/L	0.001	0.00027	
			Dibromochloromethane	ND	mg/L	0.001	0.00024	
			Dibromomethane	ND	mg/L	0.001	0.00053	
			Ethylbenzene	ND	mg/L	0.001	0.00035	
			Hexachlorobutadiene	ND	mg/L	0.005	0.00058	
			Isopropylbenzene	ND	mg/L	0.001	0.00037	
			m,p-Xylene (sum)	ND	mg/L	0.001	0.00061	
			Methyl iodide	ND	mg/L	0.001	0.00061	
			Methylene chloride	ND	mg/L	0.002	0.00069	
			Naphthalene	ND	mg/L	0.005	0.00028	
			n-Butylbenzene	ND	mg/L	0.001	0.00026	
			n-Propylbenzene	ND	mg/L	0.001	0.00043	
			o-Xylene	ND	mg/L	0.001	0.00035	
			sec-Butylbenzene	ND	mg/L	0.001	0.00025	
			Styrene	ND	mg/L	0.001	0.00028	
			tert-Butylbenzene	ND	mg/L	0.001	0.00035	
			Tetrachloroethene	ND	mg/L	0.001	0.00031	
			Toluene	ND	mg/L	0.001	0.00042	
			trans-1,2-Dichloroethene	ND	mg/L	0.001	0.00054	
			trans-1,3-Dichloropropene	ND	mg/L	0.001	0.00026	
			trans-1,4-Dichloro-2-butene	ND	mg/L	0.005	0.0003	

Summary of Analytical Results Site 29
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE29SW114	Surface Water	SW8260	Trichloroethene	ND	mg/L	0.001	0.00042	
			Trichlorofluoromethane	ND	mg/L	0.001	0.00029	
			Vinyl acetate	ND	mg/L	0.005	0.0004	
			Vinyl chloride	ND	mg/L	0.001	0.0004	
01NE29SW115	Surface Water	SW8270 SIM	2-Methylnaphthalene	ND	mg/L	0.00005	0.00005	
			Acenaphthene	ND	mg/L	0.00005	0.00004	
			Acenaphthylene	ND	mg/L	0.00005	0.00005	
			Anthracene	ND	mg/L	0.00005	0.00002	
			Benzo(a)anthracene	ND	mg/L	0.00005	0.00002	
			Benzo(a)pyrene	ND	mg/L	0.00005	0.00001	
			Benzo(b)fluoranthene	ND	mg/L	0.00005	0.00002	
			Benzo(g,h,i)perylene	ND	mg/L	0.00005	0.00004	
			Benzo(k)fluoranthene	ND	mg/L	0.00005	0.00002	
			Chrysene	ND	mg/L	0.00005	0.00001	
			Dibenzo(a,h)anthracene	ND	mg/L	0.00005	0.00005	
			Dibenzofuran	ND	mg/L	0.00005	0.00005	
			Fluoranthene	ND	mg/L	0.00005	0.00005	
			Fluorene	ND	mg/L	0.00005	0.00005	
			Indeno(1,2,3-cd)pyrene	ND	mg/L	0.00005	0.00004	
			Naphthalene	ND	mg/L	0.00005	0.00005	
			Phenanthrene	ND	mg/L	0.00005	0.00004	
			Pyrene	ND	mg/L	0.00005	0.00005	
		AK101	GRO	ND	mg/L	0.25	0.1	
		AK102	DRO	ND	mg/L	0.25	0.02	
		AK103	RRO	ND	mg/L	0.5	0.5	VQQ
		SW6010B	Aluminum	0.04	mg/L	0.02	0.012	
			Antimony	ND	mg/L	0.05	0.014	
			Barium	0.005	mg/L	0.003	0.0004	
			Beryllium	ND	mg/L	0.001	0.0003	
			Cadmium	ND	mg/L	0.002	0.00084	
			Calcium	7.44	mg/L	0.05	0.0003	
			Chromium	ND	mg/L	0.005	0.0013	
			Cobalt	ND	mg/L	0.003	0.0006	
			Copper	ND	mg/L	0.002	0.002	
			Iron	0.36	mg/L	0.02	0.0063	
			Magnesium	2.03	mg/L	0.02	0.0084	
			Manganese	0.027	mg/L	0.001	0.0003	
			Nickel	ND	mg/L	0.01	0.0034	
			Potassium	ND	mg/L	0.5	0.38	
			Silver	ND	mg/L	0.003	0.0007	
			Sodium	14.5	mg/L	0.05	0.015	
			Vanadium	ND	mg/L	0.003	0.0017	
			Zinc	ND	mg/L	0.006	0.0029	
		SW7060A	Arsenic	ND	mg/L	0.001	0.00054	
		SW7421	Lead	ND	mg/L	0.001	0.00086	
		SW7470A	Mercury	ND	mg/L	0.0001	0.00003	
		SW7740	Selenium	ND	mg/L	0.002	0.00083	
		SW7841	Thallium	ND	mg/L	0.001	0.00081	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/L	0.001	0.00027	
			PCB-1221 (Aroclor 1221)	ND	mg/L	0.002	0.00025	
			PCB-1232 (Aroclor 1232)	ND	mg/L	0.001	0.00026	
			PCB-1242 (Aroclor 1242)	ND	mg/L	0.001	0.00021	
			PCB-1248 (Aroclor 1248)	ND	mg/L	0.001	0.00025	
			PCB-1254 (Aroclor 1254)	ND	mg/L	0.001	0.0003	
			PCB-1260 (Aroclor 1260)	ND	mg/L	0.001	0.00032	
		SW8260	1,1,1,2-Tetrachloroethane	ND	mg/L	0.001	0.00026	
			1,1,1-Trichloroethane	ND	mg/L	0.001	0.0004	
			1,1,2,2-Tetrachloroethane	ND	mg/L	0.001	0.00032	
			1,1,2-Trichloro-1,2,2-trifluoroeth	ND	mg/L	0.002	0.0003	
			1,1,2-Trichloroethane	ND	mg/L	0.001	0.00039	
			1,1-Dichloroethane	ND	mg/L	0.001	0.00049	
			1,1-Dichloroethene	ND	mg/L	0.001	0.00049	
			1,1-Dichloropropene	ND	mg/L	0.001	0.00028	

Summary of Analytical Results Site 29
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE29SW115	Surface Water	SW8260	1,2,3-Trichlorobenzene	ND	mg/L	0.005	0.00035	
			1,2,3-Trichloropropane	ND	mg/L	0.003	0.00092	
			1,2,4-Trichlorobenzene	ND	mg/L	0.005	0.00049	
			1,2,4-Trimethylbenzene	ND	mg/L	0.001	0.00034	
			1,2-Dibromo-3-chloropropane	ND	mg/L	0.005	0.00097	
			1,2-Dibromoethane	ND	mg/L	0.001	0.00033	
			1,2-Dichlorobenzene	ND	mg/L	0.001	0.00038	
			1,2-Dichloroethane	ND	mg/L	0.001	0.00037	
			1,2-Dichloropropane	ND	mg/L	0.001	0.00042	
			1,3,5-Trimethylbenzene	ND	mg/L	0.001	0.00043	
			1,3-Dichlorobenzene	ND	mg/L	0.001	0.00044	
			1,3-Dichloropropane	ND	mg/L	0.001	0.00024	
			1,4-Dichlorobenzene	ND	mg/L	0.001	0.0004	
			2,2-Dichloropropane	ND	mg/L	0.001	0.00037	
			2-Butanone	ND	mg/L	0.005	0.00283	
			2-Chloroethyl vinyl ether	ND	mg/L	0.005	0.00019	
			2-Chlorotoluene	ND	mg/L	0.001	0.00046	
			2-Hexanone	ND	mg/L	0.005	0.00113	
			4-Chlorotoluene	ND	mg/L	0.001	0.00059	
			4-Isopropyltoluene	ND	mg/L	0.001	0.00026	
			4-Methyl-2-pentanone	ND	mg/L	0.005	0.00138	
			Acetone	ND	mg/L	0.005	0.00304	
			Acrolein	ND	mg/L	0.05	0.00414	
			Acrylamide	ND	mg/L	0.001	0.00078	
			Benzene	ND	mg/L	0.001	0.00043	
			Bromobenzene	ND	mg/L	0.001	0.00058	
			Bromochloromethane	ND	mg/L	0.001	0.00058	
			Bromodichloromethane	ND	mg/L	0.001	0.00034	
			Bromoethane	ND	mg/L	0.002	0.00064	
			Bromoform	ND	mg/L	0.001	0.00031	
			Bromomethane	ND	mg/L	0.001	0.00058	
			Carbon disulfide	ND	mg/L	0.001	0.00036	
			Carbon tetrachloride	ND	mg/L	0.001	0.00045	
			Chlorobenzene	ND	mg/L	0.001	0.00036	
			Chloroethane	ND	mg/L	0.001	0.00051	
			Chloroform	ND	mg/L	0.001	0.00053	
			Chloromethane	ND	mg/L	0.001	0.00056	
			cis-1,2-Dichloroethene	ND	mg/L	0.001	0.00039	
			cis-1,3-Dichloropropene	ND	mg/L	0.001	0.00027	
			Dibromochloromethane	ND	mg/L	0.001	0.00024	
			Dibromomethane	ND	mg/L	0.001	0.00053	
			Ethylbenzene	ND	mg/L	0.001	0.00035	
			Hexachlorobutadiene	ND	mg/L	0.005	0.00058	
			Isopropylbenzene	ND	mg/L	0.001	0.00037	
			m,p-Xylene (sum)	ND	mg/L	0.001	0.00061	
			Methyl iodide	ND	mg/L	0.001	0.00061	
			Methylene chloride	ND	mg/L	0.002	0.00069	
			Naphthalene	ND	mg/L	0.005	0.00028	
			n-Butylbenzene	ND	mg/L	0.001	0.00026	
			n-Propylbenzene	ND	mg/L	0.001	0.00043	
			o-Xylene	ND	mg/L	0.001	0.00035	
			sec-Butylbenzene	ND	mg/L	0.001	0.00025	
			Styrene	ND	mg/L	0.001	0.00028	
			tert-Butylbenzene	ND	mg/L	0.001	0.00035	
			Tetrachloroethene	ND	mg/L	0.001	0.00031	
			Toluene	ND	mg/L	0.001	0.00042	
			trans-1,2-Dichloroethene	ND	mg/L	0.001	0.00054	
			trans-1,3-Dichloropropene	ND	mg/L	0.001	0.00026	
			trans-1,4-Dichloro-2-butene	ND	mg/L	0.005	0.0003	
			Trichloroethene	ND	mg/L	0.001	0.00042	
			Trichlorofluoromethane	ND	mg/L	0.001	0.00029	
			Vinyl acetate	ND	mg/L	0.005	0.0004	
			Vinyl chloride	ND	mg/L	0.001	0.0004	

Summary of Analytical Results Site 29
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE29SW116	Surface Water	SW8270 SIM	2-Methylnaphthalene	ND	mg/L	0.00005	0.00005	
			Acenaphthene	ND	mg/L	0.00005	0.00004	
			Acenaphthylene	ND	mg/L	0.00005	0.00005	
			Anthracene	ND	mg/L	0.00005	0.00002	
			Benzo(a)anthracene	ND	mg/L	0.00005	0.00002	
			Benzo(a)pyrene	ND	mg/L	0.00005	0.00001	
			Benzo(b)fluoranthene	ND	mg/L	0.00005	0.00002	
			Benzo(g,h,i)perylene	ND	mg/L	0.00005	0.00004	
			Benzo(k)fluoranthene	ND	mg/L	0.00005	0.00002	
			Chrysene	ND	mg/L	0.00005	0.00001	
			Dibenzo(a,h)anthracene	ND	mg/L	0.00005	0.00005	
			Dibenzofuran	ND	mg/L	0.00005	0.00005	
			Fluoranthene	ND	mg/L	0.00005	0.00005	
			Fluorene	ND	mg/L	0.00005	0.00005	
			Indeno(1,2,3-cd)pyrene	ND	mg/L	0.00005	0.00004	
			Naphthalene	ND	mg/L	0.00005	0.00005	
			Phenanthrene	ND	mg/L	0.00005	0.00004	
			Pyrene	ND	mg/L	0.00005	0.00005	
		AK101	GRO	ND	mg/L	0.25	0.1	
		AK102	DRO	ND	mg/L	0.25	0.02	
		AK103	RRO	ND	mg/L	0.5	0.5	VQQ
		SW6010B	Aluminum	0.04	mg/L	0.02	0.012	
			Antimony	ND	mg/L	0.05	0.014	
			Barium	0.005	mg/L	0.003	0.0004	
			Beryllium	ND	mg/L	0.001	0.0003	
			Cadmium	ND	mg/L	0.002	0.00084	
			Calcium	6.9	mg/L	0.05	0.0003	
			Chromium	ND	mg/L	0.005	0.0013	
			Cobalt	ND	mg/L	0.003	0.0006	
			Copper	ND	mg/L	0.002	0.002	
			Iron	0.32	mg/L	0.02	0.0063	
			Magnesium	2.4	mg/L	0.02	0.0084	
			Manganese	0.021	mg/L	0.001	0.0003	
			Nickel	ND	mg/L	0.01	0.0034	
			Potassium	0.74	mg/L	0.5	0.38	
			Silver	ND	mg/L	0.003	0.0007	
			Sodium	25.3	mg/L	0.05	0.015	
			Vanadium	ND	mg/L	0.003	0.0017	
			Zinc	ND	mg/L	0.006	0.0029	
		SW7060A	Arsenic	ND	mg/L	0.001	0.00054	
		SW7421	Lead	ND	mg/L	0.001	0.00086	
		SW7470A	Mercury	ND	mg/L	0.0001	0.00003	
		SW7740	Selenium	ND	mg/L	0.002	0.00083	
		SW7841	Thallium	ND	mg/L	0.001	0.00081	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/L	0.001	0.00027	
			PCB-1221 (Aroclor 1221)	ND	mg/L	0.002	0.00025	
			PCB-1232 (Aroclor 1232)	ND	mg/L	0.001	0.00026	
			PCB-1242 (Aroclor 1242)	ND	mg/L	0.001	0.00021	
			PCB-1248 (Aroclor 1248)	ND	mg/L	0.001	0.00025	
			PCB-1254 (Aroclor 1254)	ND	mg/L	0.001	0.0003	
			PCB-1260 (Aroclor 1260)	ND	mg/L	0.001	0.00032	
		SW8260	1,1,1,2-Tetrachloroethane	ND	mg/L	0.001	0.00026	
			1,1,1-Trichloroethane	ND	mg/L	0.001	0.0004	
			1,1,2,2-Tetrachloroethane	ND	mg/L	0.001	0.00032	
			1,1,2-Trichloro-1,2,2-trifluoroeth	ND	mg/L	0.002	0.0003	
			1,1,2-Trichloroethane	ND	mg/L	0.001	0.00039	
			1,1-Dichloroethane	ND	mg/L	0.001	0.00049	
			1,1-Dichloroethene	ND	mg/L	0.001	0.00049	
			1,1-Dichloropropene	ND	mg/L	0.001	0.00028	
			1,2,3-Trichlorobenzene	ND	mg/L	0.005	0.00035	
			1,2,3-Trichloropropane	ND	mg/L	0.003	0.00092	
			1,2,4-Trichlorobenzene	ND	mg/L	0.005	0.00049	
			1,2,4-Trimethylbenzene	ND	mg/L	0.001	0.00034	

Summary of Analytical Results Site 29
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE29SW116	Surface Water	SW8260	1,2-Dibromo-3-chloropropane	ND	mg/L	0.005	0.00097	
			1,2-Dibromoethane	ND	mg/L	0.001	0.00033	
			1,2-Dichlorobenzene	ND	mg/L	0.001	0.00038	
			1,2-Dichloroethane	ND	mg/L	0.001	0.00037	
			1,2-Dichloropropane	ND	mg/L	0.001	0.00042	
			1,3,5-Trimethylbenzene	ND	mg/L	0.001	0.00043	
			1,3-Dichlorobenzene	ND	mg/L	0.001	0.00044	
			1,3-Dichloropropane	ND	mg/L	0.001	0.00024	
			1,4-Dichlorobenzene	ND	mg/L	0.001	0.0004	
			2,2-Dichloropropane	ND	mg/L	0.001	0.00037	
			2-Butanone	ND	mg/L	0.005	0.00283	
			2-Chloroethyl vinyl ether	ND	mg/L	0.005	0.00019	
			2-Chlorotoluene	ND	mg/L	0.001	0.00046	
			2-Hexanone	ND	mg/L	0.005	0.00113	
			4-Chlorotoluene	ND	mg/L	0.001	0.00059	
			4-Isopropyltoluene	ND	mg/L	0.001	0.00026	
			4-Methyl-2-pentanone	ND	mg/L	0.005	0.00138	
			Acetone	ND	mg/L	0.005	0.00304	
			Acrolein	ND	mg/L	0.05	0.00414	
			Acrylamide	ND	mg/L	0.001	0.00078	
			Benzene	ND	mg/L	0.001	0.00043	
			Bromobenzene	ND	mg/L	0.001	0.00058	
			Bromochloromethane	ND	mg/L	0.001	0.00058	
			Bromodichloromethane	ND	mg/L	0.001	0.00034	
			Bromoethane	ND	mg/L	0.002	0.00064	
			Bromoform	ND	mg/L	0.001	0.00031	
			Bromomethane	ND	mg/L	0.001	0.00058	
			Carbon disulfide	ND	mg/L	0.001	0.00036	
			Carbon tetrachloride	ND	mg/L	0.001	0.00045	
			Chlorobenzene	ND	mg/L	0.001	0.00036	
			Chloroethane	ND	mg/L	0.001	0.00051	
			Chloroform	ND	mg/L	0.001	0.00053	
			Chloromethane	ND	mg/L	0.001	0.00056	
			cis-1,2-Dichloroethene	ND	mg/L	0.001	0.00039	
			cis-1,3-Dichloropropene	ND	mg/L	0.001	0.00027	
			Dibromochloromethane	ND	mg/L	0.001	0.00024	
			Dibromomethane	ND	mg/L	0.001	0.00053	
			Ethylbenzene	ND	mg/L	0.001	0.00035	
			Hexachlorobutadiene	ND	mg/L	0.005	0.00058	
			Isopropylbenzene	ND	mg/L	0.001	0.00037	
			m,p-Xylene (sum)	ND	mg/L	0.001	0.00061	
			Methyl iodide	ND	mg/L	0.001	0.00061	
			Methylene chloride	ND	mg/L	0.002	0.00069	
			Naphthalene	ND	mg/L	0.005	0.00028	
			n-Butylbenzene	ND	mg/L	0.001	0.00026	
			n-Propylbenzene	ND	mg/L	0.001	0.00043	
			o-Xylene	ND	mg/L	0.001	0.00035	
			sec-Butylbenzene	ND	mg/L	0.001	0.00025	
			Styrene	ND	mg/L	0.001	0.00028	
			tert-Butylbenzene	ND	mg/L	0.001	0.00035	
			Tetrachloroethene	ND	mg/L	0.001	0.00031	
			Toluene	ND	mg/L	0.001	0.00042	
			trans-1,2-Dichloroethene	ND	mg/L	0.001	0.00054	
			trans-1,3-Dichloropropene	ND	mg/L	0.001	0.00026	
			trans-1,4-Dichloro-2-butene	ND	mg/L	0.005	0.0003	
			Trichloroethene	ND	mg/L	0.001	0.00042	
			Trichlorofluoromethane	ND	mg/L	0.001	0.00029	
			Vinyl acetate	ND	mg/L	0.005	0.0004	
			Vinyl chloride	ND	mg/L	0.001	0.0004	
01NE29SW117	Surface Water	SW8270 SIM	2-Methylnaphthalene	ND	mg/L	0.00005	0.00005	
			Acenaphthene	ND	mg/L	0.00005	0.00004	
			Acenaphthylene	ND	mg/L	0.00005	0.00005	
			Anthracene	ND	mg/L	0.00005	0.00002	

Summary of Analytical Results Site 29
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE29SW117	Surface Water	SW8270 SIM	Benzo(a)anthracene	ND	mg/L	0.00005	0.00002	
			Benzo(a)pyrene	ND	mg/L	0.00005	0.00001	
			Benzo(b)fluoranthene	ND	mg/L	0.00005	0.00002	
			Benzo(g,h,i)perylene	ND	mg/L	0.00005	0.00004	
			Benzo(k)fluoranthene	ND	mg/L	0.00005	0.00002	
			Chrysene	ND	mg/L	0.00005	0.00001	
			Dibenzo(a,h)anthracene	ND	mg/L	0.00005	0.00005	
			Dibenzofuran	ND	mg/L	0.00005	0.00005	
			Fluoranthene	ND	mg/L	0.00005	0.00005	
			Fluorene	ND	mg/L	0.00005	0.00005	
			Indeno(1,2,3-cd)pyrene	ND	mg/L	0.00005	0.00004	
			Naphthalene	ND	mg/L	0.00005	0.00005	
			Phenanthrene	ND	mg/L	0.00005	0.00004	
			Pyrene	ND	mg/L	0.00005	0.00005	
		AK101	GRO	ND	mg/L	0.25	0.1	
		AK102	DRO	ND	mg/L	0.25	0.02	
		AK103	RRO	ND	mg/L	0.5	0.5	VQQ
		SW6010B	Aluminum	0.04	mg/L	0.02	0.012	
			Antimony	ND	mg/L	0.05	0.014	
			Barium	0.005	mg/L	0.003	0.0004	
			Beryllium	ND	mg/L	0.001	0.0003	
			Cadmium	ND	mg/L	0.002	0.00084	
			Calcium	7.17	mg/L	0.05	0.0003	
			Chromium	ND	mg/L	0.005	0.0013	
			Cobalt	ND	mg/L	0.003	0.0006	
			Copper	ND	mg/L	0.002	0.002	
			Iron	0.4	mg/L	0.02	0.0063	
			Magnesium	2.55	mg/L	0.02	0.0084	
			Manganese	0.021	mg/L	0.001	0.0003	
			Nickel	ND	mg/L	0.01	0.0034	
			Potassium	0.89	mg/L	0.5	0.38	
			Silver	ND	mg/L	0.003	0.0007	
			Sodium	27.9	mg/L	0.05	0.015	
			Vanadium	ND	mg/L	0.003	0.0017	
			Zinc	ND	mg/L	0.006	0.0029	
		SW7060A	Arsenic	ND	mg/L	0.001	0.00054	
		SW7421	Lead	ND	mg/L	0.001	0.00086	
		SW7470A	Mercury	ND	mg/L	0.0001	0.00003	
		SW7740	Selenium	ND	mg/L	0.002	0.00083	
		SW7841	Thallium	ND	mg/L	0.001	0.00081	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/L	0.001	0.00027	
			PCB-1221 (Aroclor 1221)	ND	mg/L	0.002	0.00025	
			PCB-1232 (Aroclor 1232)	ND	mg/L	0.001	0.00026	
			PCB-1242 (Aroclor 1242)	ND	mg/L	0.001	0.00021	
			PCB-1248 (Aroclor 1248)	ND	mg/L	0.001	0.00025	
			PCB-1254 (Aroclor 1254)	ND	mg/L	0.001	0.0003	
			PCB-1260 (Aroclor 1260)	ND	mg/L	0.001	0.00032	
		SW8260	1,1,1,2-Tetrachloroethane	ND	mg/L	0.001	0.00026	
			1,1,1-Trichloroethane	ND	mg/L	0.001	0.0004	
			1,1,2,2-Tetrachloroethane	ND	mg/L	0.001	0.00032	
			1,1,2-Trichloro-1,2,2-trifluoroeth	ND	mg/L	0.002	0.0003	
			1,1,2-Trichloroethane	ND	mg/L	0.001	0.00039	
			1,1-Dichloroethane	ND	mg/L	0.001	0.00049	
			1,1-Dichloroethene	ND	mg/L	0.001	0.00049	
			1,1-Dichloropropene	ND	mg/L	0.001	0.00028	
			1,2,3-Trichlorobenzene	ND	mg/L	0.005	0.00035	
			1,2,3-Trichloropropane	ND	mg/L	0.003	0.00092	
			1,2,4-Trichlorobenzene	ND	mg/L	0.005	0.00049	
			1,2,4-Trimethylbenzene	ND	mg/L	0.001	0.00034	
			1,2-Dibromo-3-chloropropane	ND	mg/L	0.005	0.00097	
			1,2-Dibromoethane	ND	mg/L	0.001	0.00033	
			1,2-Dichlorobenzene	ND	mg/L	0.001	0.00038	
			1,2-Dichloroethane	ND	mg/L	0.001	0.00037	

Summary of Analytical Results Site 29
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE29SW117	Surface Water	SW8260	1,2-Dichloropropane	ND	mg/L	0.001	0.00042	
			1,3,5-Trimethylbenzene	ND	mg/L	0.001	0.00043	
			1,3-Dichlorobenzene	ND	mg/L	0.001	0.00044	
			1,3-Dichloropropane	ND	mg/L	0.001	0.00024	
			1,4-Dichlorobenzene	ND	mg/L	0.001	0.0004	
			2,2-Dichloropropane	ND	mg/L	0.001	0.00037	
			2-Butanone	ND	mg/L	0.005	0.00283	
			2-Chloroethyl vinyl ether	ND	mg/L	0.005	0.00019	
			2-Chlorotoluene	ND	mg/L	0.001	0.00046	
			2-Hexanone	ND	mg/L	0.005	0.00113	
			4-Chlorotoluene	ND	mg/L	0.001	0.00059	
			4-Isopropyltoluene	ND	mg/L	0.001	0.00026	
			4-Methyl-2-pentanone	ND	mg/L	0.005	0.00138	
			Acetone	ND	mg/L	0.005	0.00304	
			Acrolein	ND	mg/L	0.05	0.00414	
			Acrylamide	ND	mg/L	0.001	0.00078	
			Benzene	ND	mg/L	0.001	0.00043	
			Bromobenzene	ND	mg/L	0.001	0.00058	
			Bromochloromethane	ND	mg/L	0.001	0.00058	
			Bromodichloromethane	ND	mg/L	0.001	0.00034	
			Bromoethane	ND	mg/L	0.002	0.00064	
			Bromoform	ND	mg/L	0.001	0.00031	
			Bromomethane	ND	mg/L	0.001	0.00058	
			Carbon disulfide	ND	mg/L	0.001	0.00036	
			Carbon tetrachloride	ND	mg/L	0.001	0.00045	
			Chlorobenzene	ND	mg/L	0.001	0.00036	
			Chloroethane	ND	mg/L	0.001	0.00051	
			Chloroform	ND	mg/L	0.001	0.00053	
			Chloromethane	ND	mg/L	0.001	0.00056	
			cis-1,2-Dichloroethene	ND	mg/L	0.001	0.00039	
			cis-1,3-Dichloropropene	ND	mg/L	0.001	0.00027	
			Dibromochloromethane	ND	mg/L	0.001	0.00024	
			Dibromomethane	ND	mg/L	0.001	0.00053	
			Ethylbenzene	ND	mg/L	0.001	0.00035	
			Hexachlorobutadiene	ND	mg/L	0.005	0.00058	
			Isopropylbenzene	ND	mg/L	0.001	0.00037	
			m,p-Xylene (sum)	ND	mg/L	0.001	0.00061	
			Methyl iodide	ND	mg/L	0.001	0.00061	
			Methylene chloride	ND	mg/L	0.002	0.00069	
			Naphthalene	ND	mg/L	0.005	0.00028	
			n-Butylbenzene	ND	mg/L	0.001	0.00026	
			n-Propylbenzene	ND	mg/L	0.001	0.00043	
			o-Xylene	ND	mg/L	0.001	0.00035	
			sec-Butylbenzene	ND	mg/L	0.001	0.00025	
			Styrene	ND	mg/L	0.001	0.00028	
			tert-Butylbenzene	ND	mg/L	0.001	0.00035	
			Tetrachloroethene	ND	mg/L	0.001	0.00031	
			Toluene	ND	mg/L	0.001	0.00042	
			trans-1,2-Dichloroethene	ND	mg/L	0.001	0.00054	
			trans-1,3-Dichloropropene	ND	mg/L	0.001	0.00026	
			trans-1,4-Dichloro-2-butene	ND	mg/L	0.005	0.0003	
			Trichloroethene	ND	mg/L	0.001	0.00042	
			Trichlorofluoromethane	ND	mg/L	0.001	0.00029	
			Vinyl acetate	ND	mg/L	0.005	0.0004	
			Vinyl chloride	ND	mg/L	0.001	0.0004	
01NE29SW217	Surface Water	SW8270 SIM	2-Methylnaphthalene	ND	mg/L	0.00005	0.00005	
			Acenaphthene	ND	mg/L	0.00005	0.00004	
			Acenaphthylene	ND	mg/L	0.00005	0.00005	
			Anthracene	ND	mg/L	0.00005	0.00002	
			Benzo(a)anthracene	ND	mg/L	0.00005	0.00002	
			Benzo(a)pyrene	ND	mg/L	0.00005	0.00001	
			Benzo(b)fluoranthene	ND	mg/L	0.00005	0.00002	
			Benzo(g,h,i)perylene	ND	mg/L	0.00005	0.00004	

Summary of Analytical Results Site 29
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE29SW217	Surface Water	SW8270 SIM	Benzo(k)fluoranthene	ND	mg/L	0.00005	0.00002	
			Chrysene	ND	mg/L	0.00005	0.00001	
			Dibenzo(a,h)anthracene	ND	mg/L	0.00005	0.00005	
			Dibenzofuran	ND	mg/L	0.00005	0.00005	
			Fluoranthene	ND	mg/L	0.00005	0.00005	
			Fluorene	ND	mg/L	0.00005	0.00005	
			Indeno(1,2,3-cd)pyrene	ND	mg/L	0.00005	0.00004	
			Naphthalene	ND	mg/L	0.00005	0.00005	
			Phenanthrene	ND	mg/L	0.00005	0.00004	
			Pyrene	ND	mg/L	0.00005	0.00005	
		AK101	GRO	ND	mg/L	0.25	0.1	
		AK102	DRO	ND	mg/L	0.25	0.02	
		AK103	RRO	ND	mg/L	0.5	0.5	VQQ
		SW6010B	Aluminum	0.04	mg/L	0.02	0.012	
			Antimony	ND	mg/L	0.05	0.014	
			Barium	0.005	mg/L	0.003	0.0004	
			Beryllium	ND	mg/L	0.001	0.0003	
			Cadmium	ND	mg/L	0.002	0.00084	
			Calcium	7.25	mg/L	0.05	0.0003	
			Chromium	ND	mg/L	0.005	0.0013	
			Cobalt	ND	mg/L	0.003	0.0006	
			Copper	ND	mg/L	0.002	0.002	
			Iron	0.35	mg/L	0.02	0.0063	
			Magnesium	2.6	mg/L	0.02	0.0084	
			Manganese	0.021	mg/L	0.001	0.0003	
			Nickel	ND	mg/L	0.01	0.0034	
			Potassium	1.12	mg/L	0.5	0.38	
			Silver	ND	mg/L	0.003	0.0007	
			Sodium	29.1	mg/L	0.05	0.015	
			Vanadium	ND	mg/L	0.003	0.0017	
			Zinc	0.013	mg/L	0.006	0.0029	
		SW7060A	Arsenic	ND	mg/L	0.001	0.00054	
		SW7421	Lead	ND	mg/L	0.001	0.00086	
		SW7470A	Mercury	ND	mg/L	0.0001	0.00003	
		SW7740	Selenium	ND	mg/L	0.002	0.00083	
		SW7841	Thallium	ND	mg/L	0.001	0.00081	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/L	0.001	0.00027	
			PCB-1221 (Aroclor 1221)	ND	mg/L	0.002	0.00025	
			PCB-1232 (Aroclor 1232)	ND	mg/L	0.001	0.00026	
			PCB-1242 (Aroclor 1242)	ND	mg/L	0.001	0.00021	
			PCB-1248 (Aroclor 1248)	ND	mg/L	0.001	0.00025	
			PCB-1254 (Aroclor 1254)	ND	mg/L	0.001	0.0003	
			PCB-1260 (Aroclor 1260)	ND	mg/L	0.001	0.00032	
		SW8260	1,1,1,2-Tetrachloroethane	ND	mg/L	0.001	0.00026	
			1,1,1-Trichloroethane	ND	mg/L	0.001	0.0004	
			1,1,2,2-Tetrachloroethane	ND	mg/L	0.001	0.00032	
			1,1,2-Trichloro-1,2,2-trifluoroeth	ND	mg/L	0.002	0.0003	
			1,1,2-Trichloroethane	ND	mg/L	0.001	0.00039	
			1,1-Dichloroethane	ND	mg/L	0.001	0.00049	
			1,1-Dichloroethene	ND	mg/L	0.001	0.00049	
			1,1-Dichloropropene	ND	mg/L	0.001	0.00028	
			1,2,3-Trichlorobenzene	ND	mg/L	0.005	0.00035	
			1,2,3-Trichloropropane	ND	mg/L	0.003	0.00092	
			1,2,4-Trichlorobenzene	ND	mg/L	0.005	0.00049	
			1,2,4-Trimethylbenzene	ND	mg/L	0.001	0.00034	
			1,2-Dibromo-3-chloropropane	ND	mg/L	0.005	0.00097	
			1,2-Dibromoethane	ND	mg/L	0.001	0.00033	
			1,2-Dichlorobenzene	ND	mg/L	0.001	0.00038	
			1,2-Dichloroethane	ND	mg/L	0.001	0.00037	
			1,2-Dichloropropane	ND	mg/L	0.001	0.00042	
			1,3,5-Trimethylbenzene	ND	mg/L	0.001	0.00043	
			1,3-Dichlorobenzene	ND	mg/L	0.001	0.00044	
			1,3-Dichloropropane	ND	mg/L	0.001	0.00024	

Summary of Analytical Results Site 29
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE29SW217	Surface Water	SW8260	1,4-Dichlorobenzene	ND	mg/L	0.001	0.0004	
			2,2-Dichloropropane	ND	mg/L	0.001	0.00037	
			2-Butanone	ND	mg/L	0.005	0.00283	
			2-Chloroethyl vinyl ether	ND	mg/L	0.005	0.00019	
			2-Chlorotoluene	ND	mg/L	0.001	0.00046	
			2-Hexanone	ND	mg/L	0.005	0.00113	
			4-Chlorotoluene	ND	mg/L	0.001	0.00059	
			4-Isopropyltoluene	ND	mg/L	0.001	0.00026	
			4-Methyl-2-pentanone	ND	mg/L	0.005	0.00138	
			Acetone	ND	mg/L	0.005	0.00304	
			Acrolein	ND	mg/L	0.05	0.00414	
			Acrylamide	ND	mg/L	0.001	0.00078	
			Benzene	ND	mg/L	0.001	0.00043	
			Bromobenzene	ND	mg/L	0.001	0.00058	
			Bromochloromethane	ND	mg/L	0.001	0.00058	
			Bromodichloromethane	ND	mg/L	0.001	0.00034	
			Bromoethane	ND	mg/L	0.002	0.00064	
			Bromoform	ND	mg/L	0.001	0.00031	
			Bromomethane	ND	mg/L	0.001	0.00058	
			Carbon disulfide	ND	mg/L	0.001	0.00036	
			Carbon tetrachloride	ND	mg/L	0.001	0.00045	
			Chlorobenzene	ND	mg/L	0.001	0.00036	
			Chloroethane	ND	mg/L	0.001	0.00051	
			Chloroform	ND	mg/L	0.001	0.00053	
			Chloromethane	ND	mg/L	0.001	0.00056	
			cis-1,2-Dichloroethene	ND	mg/L	0.001	0.00039	
			cis-1,3-Dichloropropene	ND	mg/L	0.001	0.00027	
			Dibromochloromethane	ND	mg/L	0.001	0.00024	
			Dibromomethane	ND	mg/L	0.001	0.00053	
			Ethylbenzene	ND	mg/L	0.001	0.00035	
			Hexachlorobutadiene	ND	mg/L	0.005	0.00058	
			Isopropylbenzene	ND	mg/L	0.001	0.00037	
			m,p-Xylene (sum)	ND	mg/L	0.001	0.00061	
			Methyl iodide	ND	mg/L	0.001	0.00061	
			Methylene chloride	ND	mg/L	0.002	0.00069	
			Naphthalene	ND	mg/L	0.005	0.00028	
			n-Butylbenzene	ND	mg/L	0.001	0.00026	
			n-Propylbenzene	ND	mg/L	0.001	0.00043	
			o-Xylene	ND	mg/L	0.001	0.00035	
			sec-Butylbenzene	ND	mg/L	0.001	0.00025	
			Styrene	ND	mg/L	0.001	0.00028	
			tert-Butylbenzene	ND	mg/L	0.001	0.00035	
			Tetrachloroethene	ND	mg/L	0.001	0.00031	
			Toluene	ND	mg/L	0.001	0.00042	
			trans-1,2-Dichloroethene	ND	mg/L	0.001	0.00054	
			trans-1,3-Dichloropropene	ND	mg/L	0.001	0.00026	
			trans-1,4-Dichloro-2-butene	ND	mg/L	0.005	0.0003	
			Trichloroethene	ND	mg/L	0.001	0.00042	
			Trichlorofluoromethane	ND	mg/L	0.001	0.00029	
			Vinyl acetate	ND	mg/L	0.005	0.0004	
			Vinyl chloride	ND	mg/L	0.001	0.0004	

Key:
DRO - diesel range organics
GRO - gasoline range organics
MDL - method detection limit
PCB - polychlorinated biphenyls
mg/L - milligram per liter
mg/Kg - milligram per kilogram
MRL - method reporting limit
ND - not detected
RRO - residual range organics
SIM - selected ion monitoring
VB - The analyte was detected in the assoicated blank and the sample indicating possible contamination.
VJ - The analyte was positively identified; the quantitaion is an estimation.
VQQ - The practical quantation limit is approximate due to QC or matrix effects.

Summary of Analytical Results Site 30
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE30FT101 Eggs	Fish Tissue	E160.1	Total Lipids	8.38	PERCENT	0.05	0.05	
		E200.8	Antimony	ND	mg/Kg	0.019	0.008	
			Arsenic	0.23	mg/Kg	0.19	0.08	
			Barium	0.119	mg/Kg	0.008	0.008	
			Cadmium	0.041	mg/Kg	0.019	0.008	
			Lead	0.027	mg/Kg	0.008	0.004	
			Nickel	0.03	mg/Kg	0.08	0.01	VJ
			Silver	0.026	mg/Kg	0.008	0.008	
			Vanadium	0.122	mg/Kg	0.076	0.008	
			Zinc	30.9	mg/Kg	0.19	0.03	
		SW6010B	Chromium	ND	mg/Kg	0.2	0.2	
			Copper	3.25	mg/Kg	0.38	0.08	
		SW7471A	Mercury	0.006	mg/Kg	0.004	0.002	
		SW7741	Selenium	0.47	mg/Kg	0.08	0.02	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	0.0091	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.002	0.0007	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.005	0.0024	
			Acenaphthene	ND	mg/Kg	0.005	0.0012	
			Anthracene	ND	mg/Kg	0.005	0.0015	
			Benzo(a)anthracene	ND	mg/Kg	0.005	0.0012	
			Benzo(a)pyrene	ND	mg/Kg	0.005	0.002	
			Benzo(b)fluoranthene	ND	mg/Kg	0.005	0.0012	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.005	0.0014	
			Benzo(k)fluoranthene	ND	mg/Kg	0.005	0.0018	
			Chrysene	ND	mg/Kg	0.005	0.0018	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.005	0.0016	
			Fluoranthene	ND	mg/Kg	0.005	0.0014	
			Fluorene	ND	mg/Kg	0.005	0.0011	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.005	0.00053	
			Naphthalene	ND	mg/Kg	0.005	0.0018	
			Phenanthrene	ND	mg/Kg	0.005	0.0014	
			Pyrene	ND	mg/Kg	0.005	0.0015	
01NE30FT101 Fillet	Fish Tissue	E160.1	Total Lipids	5.5	PERCENT	0.05	0.05	
		E200.8	Antimony	ND	mg/Kg	0.013	0.005	
			Arsenic	0.72	mg/Kg	0.13	0.05	
			Barium	0.061	mg/Kg	0.005	0.005	
			Cadmium	0.007	mg/Kg	0.013	0.005	VJ
			Lead	0.004	mg/Kg	0.005	0.003	VJ
			Nickel	0.04	mg/Kg	0.05	0.01	VJ
			Silver	ND	mg/Kg	0.005	0.005	
			Vanadium	0.063	mg/Kg	0.05	0.005	
			Zinc	6.69	mg/Kg	0.13	0.02	
		SW6010B	Chromium	ND	mg/Kg	0.1	0.1	
			Copper	0.59	mg/Kg	0.25	0.05	
		SW7471A	Mercury	0.032	mg/Kg	0.003	0.002	
		SW7741	Selenium	0.13	mg/Kg	0.05	0.02	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	0.01	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.002	0.0007	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.005	0.0024	
			Acenaphthene	ND	mg/Kg	0.005	0.0012	
			Anthracene	ND	mg/Kg	0.005	0.0015	
			Benzo(a)anthracene	ND	mg/Kg	0.005	0.0012	
			Benzo(a)pyrene	ND	mg/Kg	0.005	0.002	
			Benzo(b)fluoranthene	ND	mg/Kg	0.005	0.0012	

Summary of Analytical Results Site 30
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE30FT101 Fillet	Fish Tissue	SW8270 SIM	Benzo(g,h,i)perylene	ND	mg/Kg	0.005	0.0014	
			Benzo(k)fluoranthene	ND	mg/Kg	0.005	0.0018	
			Chrysene	ND	mg/Kg	0.005	0.0018	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.005	0.0016	
			Fluoranthene	ND	mg/Kg	0.005	0.0014	
			Fluorene	ND	mg/Kg	0.005	0.0011	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.005	0.00053	
			Naphthalene	ND	mg/Kg	0.005	0.0018	
			Phenanthrene	ND	mg/Kg	0.005	0.0014	
			Pyrene	ND	mg/Kg	0.005	0.0015	
01NE30FT101 Head	Fish Tissue	E160.1	Total Lipids	14	PERCENT	0.05	0.05	
		E200.8	Antimony	ND	mg/Kg	0.018	0.007	
			Arsenic	0.62	mg/Kg	0.18	0.07	
			Barium	1.62	mg/Kg	0.007	0.007	
			Cadmium	0.01	mg/Kg	0.018	0.007	VJ
			Lead	0.02	mg/Kg	0.007	0.004	
			Nickel	0.55	mg/Kg	0.07	0.01	
			Silver	ND	mg/Kg	0.007	0.007	
			Vanadium	0.101	mg/Kg	0.071	0.007	
			Zinc	19.7	mg/Kg	0.18	0.03	
		SW6010B	Chromium	ND	mg/Kg	0.2	0.1	
			Copper	0.9	mg/Kg	0.36	0.07	
		SW7471A	Mercury	0.017	mg/Kg	0.004	0.002	
		SW7741	Selenium	0.14	mg/Kg	0.07	0.02	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	0.01	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	0.0059	mg/Kg	0.002	0.0007	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.005	0.0024	
			Acenaphthene	ND	mg/Kg	0.005	0.0012	
			Anthracene	ND	mg/Kg	0.005	0.0015	
			Benzo(a)anthracene	ND	mg/Kg	0.005	0.0012	
			Benzo(a)pyrene	ND	mg/Kg	0.005	0.002	
			Benzo(b)fluoranthene	ND	mg/Kg	0.005	0.0012	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.005	0.0014	
			Benzo(k)fluoranthene	ND	mg/Kg	0.005	0.0018	
			Chrysene	ND	mg/Kg	0.005	0.0018	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.005	0.0016	
			Fluoranthene	ND	mg/Kg	0.005	0.0014	
			Fluorene	ND	mg/Kg	0.005	0.0011	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.005	0.00053	
			Naphthalene	ND	mg/Kg	0.005	0.0018	
			Phenanthrene	ND	mg/Kg	0.005	0.0014	
			Pyrene	ND	mg/Kg	0.005	0.0015	
01NE30FT102 Fillet	Fish Tissue	E160.1	Total Lipids	4.31	PERCENT	0.05	0.05	
		E200.8	Antimony	ND	mg/Kg	0.013	0.005	
			Arsenic	0.94	mg/Kg	0.13	0.05	
			Barium	0.032	mg/Kg	0.005	0.005	
			Cadmium	0.008	mg/Kg	0.013	0.005	VJ
			Lead	0.004	mg/Kg	0.005	0.003	VJ
			Nickel	0.03	mg/Kg	0.05	0.01	VJ
			Silver	ND	mg/Kg	0.005	0.005	
			Vanadium	0.068	mg/Kg	0.052	0.005	
			Zinc	6.41	mg/Kg	0.13	0.02	
		SW6010B	Chromium	ND	mg/Kg	0.1	0.1	
			Copper	0.63	mg/Kg	0.26	0.05	
		SW7471A	Mercury	0.02	mg/Kg	0.004	0.002	
		SW7741	Selenium	0.16	mg/Kg	0.05	0.02	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	

Summary of Analytical Results Site 30
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE30FT102 Fillet	Fish Tissue	SW8082	PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	0.011	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.002	0.0007	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.005	0.0024	
			Acenaphthene	ND	mg/Kg	0.005	0.0012	
			Anthracene	ND	mg/Kg	0.005	0.0015	
			Benzo(a)anthracene	ND	mg/Kg	0.005	0.0012	
			Benzo(a)pyrene	ND	mg/Kg	0.005	0.002	
			Benzo(b)fluoranthene	ND	mg/Kg	0.005	0.0012	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.005	0.0014	
			Benzo(k)fluoranthene	ND	mg/Kg	0.005	0.0018	
			Chrysene	ND	mg/Kg	0.005	0.0018	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.005	0.0016	
			Fluoranthene	ND	mg/Kg	0.005	0.0014	
			Fluorene	ND	mg/Kg	0.005	0.0011	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.005	0.00053	
			Naphthalene	ND	mg/Kg	0.005	0.0018	
			Phenanthrene	ND	mg/Kg	0.005	0.0014	
			Pyrene	ND	mg/Kg	0.005	0.0015	
1NE30FT102 Remain	Fish Tissue	E160.1	Total Lipids	7.05	PERCENT	0.05	0.05	
		E200.8	Antimony	ND	mg/Kg	0.014	0.005	
			Arsenic	0.66	mg/Kg	0.14	0.05	
			Barium	0.216	mg/Kg	0.005	0.005	
			Cadmium	0.041	mg/Kg	0.014	0.005	
			Lead	0.008	mg/Kg	0.005	0.003	
			Nickel	0.28	mg/Kg	0.05	0.01	
			Silver	0.008	mg/Kg	0.005	0.005	
			Vanadium	0.09	mg/Kg	0.055	0.005	
			Zinc	25.7	mg/Kg	0.14	0.02	
		SW6010B	Chromium	ND	mg/Kg	0.1	0.1	
			Copper	1.01	mg/Kg	0.27	0.05	
		SW7471A	Mercury	0.016	mg/Kg	0.003	0.002	
		SW7741	Selenium	0.2	mg/Kg	0.05	0.02	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	0.0068	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	0.0018	mg/Kg	0.002	0.0007	VJ
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.005	0.0024	
			Acenaphthene	ND	mg/Kg	0.005	0.0012	
			Anthracene	ND	mg/Kg	0.005	0.0015	
			Benzo(a)anthracene	ND	mg/Kg	0.005	0.0012	
			Benzo(a)pyrene	ND	mg/Kg	0.005	0.002	
			Benzo(b)fluoranthene	ND	mg/Kg	0.005	0.0012	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.005	0.0014	
			Benzo(k)fluoranthene	ND	mg/Kg	0.005	0.0018	
			Chrysene	ND	mg/Kg	0.005	0.0018	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.005	0.0016	
			Fluoranthene	ND	mg/Kg	0.005	0.0014	
			Fluorene	ND	mg/Kg	0.005	0.0011	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.005	0.00053	
			Naphthalene	ND	mg/Kg	0.005	0.0018	
			Phenanthrene	ND	mg/Kg	0.005	0.0014	
			Pyrene	ND	mg/Kg	0.005	0.0015	
01NE30FT103 Fillet	Fish Tissue	E160.1	Total Lipids	6.53	PERCENT	0.05	0.05	
		E200.8	Antimony	ND	mg/Kg	0.014	0.005	
			Arsenic	0.75	mg/Kg	0.14	0.05	
			Barium	0.024	mg/Kg	0.005	0.005	
			Cadmium	ND	mg/Kg	0.014	0.005	
			Lead	0.004	mg/Kg	0.005	0.003	VJ
			Nickel	ND	mg/Kg	0.05	0.01	

Summary of Analytical Results Site 30
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE30FT103 Fillet	Fish Tissue	E200.8	Silver	ND	mg/Kg	0.005	0.005	
			Vanadium	0.046	mg/Kg	0.054	0.005	VJ
			Zinc	5.85	mg/Kg	0.14	0.02	
		SW6010B	Chromium	ND	mg/Kg	0.1	0.1	
			Copper	0.76	mg/Kg	0.27	0.05	
		SW7471A	Mercury	0.014	mg/Kg	0.004	0.002	
		SW7741	Selenium	0.15	mg/Kg	0.05	0.02	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	0.011	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.002	0.0007	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.005	0.0024	
			Acenaphthene	ND	mg/Kg	0.005	0.0012	
			Anthracene	ND	mg/Kg	0.005	0.0015	
			Benzo(a)anthracene	ND	mg/Kg	0.005	0.0012	
			Benzo(a)pyrene	ND	mg/Kg	0.005	0.002	
			Benzo(b)fluoranthene	ND	mg/Kg	0.005	0.0012	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.005	0.0014	
			Benzo(k)fluoranthene	ND	mg/Kg	0.005	0.0018	
			Chrysene	ND	mg/Kg	0.005	0.0018	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.005	0.0016	
			Fluoranthene	ND	mg/Kg	0.005	0.0014	
			Fluorene	ND	mg/Kg	0.005	0.0011	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.005	0.00053	
			Naphthalene	ND	mg/Kg	0.005	0.0018	
			Phenanthrene	ND	mg/Kg	0.005	0.0014	
			Pyrene	ND	mg/Kg	0.005	0.0015	
01NE30FT104 Head	Fish Tissue	E160.1	Total Lipids	3.4	PERCENT	0.05	0.05	
		E200.8	Antimony	ND	mg/Kg	0.012	0.005	
			Arsenic	0.62	mg/Kg	0.12	0.05	
			Barium	0.226	mg/Kg	0.005	0.005	
			Cadmium	0.015	mg/Kg	0.012	0.005	
			Lead	0.008	mg/Kg	0.005	0.002	
			Nickel	0.77	mg/Kg	0.05	0.01	
			Silver	ND	mg/Kg	0.005	0.005	
			Vanadium	0.13	mg/Kg	0.048	0.005	
			Zinc	21.5	mg/Kg	0.12	0.02	
		SW6010B	Chromium	ND	mg/Kg	0.1	0.1	
			Copper	0.95	mg/Kg	0.24	0.05	
		SW7471A	Mercury	0.012	mg/Kg	0.003	0.002	
		SW7741	Selenium	0.18	mg/Kg	0.05	0.01	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	0.028	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.002	0.0007	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.005	0.0024	
			Acenaphthene	ND	mg/Kg	0.005	0.0012	
			Anthracene	ND	mg/Kg	0.005	0.0015	
			Benzo(a)anthracene	ND	mg/Kg	0.005	0.0012	
			Benzo(a)pyrene	ND	mg/Kg	0.005	0.002	
			Benzo(b)fluoranthene	ND	mg/Kg	0.005	0.0012	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.005	0.0014	
			Benzo(k)fluoranthene	ND	mg/Kg	0.005	0.0018	
			Chrysene	ND	mg/Kg	0.005	0.0018	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.005	0.0016	
			Fluoranthene	ND	mg/Kg	0.005	0.0014	
			Fluorene	ND	mg/Kg	0.005	0.0011	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.005	0.00053	

Summary of Analytical Results Site 30
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE30FT104 Head	Fish Tissue	SW8270 SIM	Naphthalene	ND	mg/Kg	0.005	0.0018	
			Phenanthrene	ND	mg/Kg	0.005	0.0014	
			Pyrene	ND	mg/Kg	0.005	0.0015	
1NE30FT104 Remain	Fish Tissue	E160.1	Total Lipids	1.29	PERCENT	0.05	0.05	
		E200.8	Antimony	ND	mg/Kg	0.012	0.005	
			Arsenic	0.73	mg/Kg	0.12	0.05	
			Barium	0.042	mg/Kg	0.005	0.005	
			Cadmium	0.037	mg/Kg	0.012	0.005	
			Lead	0.008	mg/Kg	0.005	0.002	
			Nickel	0.64	mg/Kg	0.05	0.01	
			Silver	0.011	mg/Kg	0.005	0.005	
			Vanadium	0.11	mg/Kg	0.049	0.005	
			Zinc	23.9	mg/Kg	0.12	0.02	
		SW6010B	Chromium	ND	mg/Kg	0.1	0.1	
			Copper	1.46	mg/Kg	0.25	0.05	
		SW7471A	Mercury	0.021	mg/Kg	0.004	0.002	
		SW7741	Selenium	0.18	mg/Kg	0.05	0.01	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	0.0055	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.002	0.0007	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.005	0.0024	
			Acenaphthene	ND	mg/Kg	0.005	0.0012	
			Anthracene	ND	mg/Kg	0.005	0.0015	
			Benzo(a)anthracene	ND	mg/Kg	0.005	0.0012	
			Benzo(a)pyrene	ND	mg/Kg	0.005	0.002	
			Benzo(b)fluoranthene	ND	mg/Kg	0.005	0.0012	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.005	0.0014	
			Benzo(k)fluoranthene	ND	mg/Kg	0.005	0.0018	
			Chrysene	ND	mg/Kg	0.005	0.0018	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.005	0.0016	
			Fluoranthene	ND	mg/Kg	0.005	0.0014	
			Fluorene	ND	mg/Kg	0.005	0.0011	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.005	0.00053	
			Naphthalene	ND	mg/Kg	0.005	0.0018	
			Phenanthrene	ND	mg/Kg	0.005	0.0014	
			Pyrene	ND	mg/Kg	0.005	0.0015	
01NE30FT105 Egg	Fish Tissue	E160.1	Total Lipids	11.6	PERCENT	0.05	0.05	
		E200.8	Antimony	ND	mg/Kg	0.019	0.007	
			Arsenic	0.41	mg/Kg	0.19	0.07	
			Barium	0.062	mg/Kg	0.007	0.007	
			Cadmium	0.024	mg/Kg	0.019	0.007	
			Lead	0.027	mg/Kg	0.007	0.004	
			Nickel	0.43	mg/Kg	0.07	0.01	
			Silver	0.02	mg/Kg	0.007	0.007	
			Vanadium	0.114	mg/Kg	0.075	0.007	
			Zinc	27.2	mg/Kg	0.19	0.03	
		SW6010B	Chromium	ND	mg/Kg	0.2	0.2	
			Copper	5.46	mg/Kg	0.37	0.07	
		SW7471A	Mercury	0.006	mg/Kg	0.003	0.002	
		SW7741	Selenium	0.6	mg/Kg	0.07	0.02	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	0.017	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.002	0.0007	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.005	0.0024	
			Acenaphthene	ND	mg/Kg	0.005	0.0012	
			Anthracene	ND	mg/Kg	0.005	0.0015	

Summary of Analytical Results Site 30
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE30FT105 Egg	Fish Tissue	SW8270 SIM	Benzo(a)anthracene	ND	mg/Kg	0.005	0.0012	
			Benzo(a)pyrene	ND	mg/Kg	0.005	0.002	
			Benzo(b)fluoranthene	ND	mg/Kg	0.005	0.0012	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.005	0.0014	
			Benzo(k)fluoranthene	ND	mg/Kg	0.005	0.0018	
			Chrysene	ND	mg/Kg	0.005	0.0018	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.005	0.0016	
			Fluoranthene	ND	mg/Kg	0.005	0.0014	
			Fluorene	ND	mg/Kg	0.005	0.0011	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.005	0.00053	
			Naphthalene	ND	mg/Kg	0.005	0.0018	
			Phenanthrene	ND	mg/Kg	0.005	0.0014	
			Pyrene	ND	mg/Kg	0.005	0.0015	
01NE30FT105 Fillet	Fish Tissue	E160.1	Total Lipids	0.47	PERCENT	0.05	0.05	
		E200.8	Antimony	ND	mg/Kg	0.01	0.004	
			Arsenic	0.33	mg/Kg	0.1	0.04	
			Barium	0.036	mg/Kg	0.004	0.004	
			Cadmium	0.007	mg/Kg	0.01	0.004	
			Lead	0.002	mg/Kg	0.004	0.002	
			Nickel	0.05	mg/Kg	0.04	0.01	
			Silver	ND	mg/Kg	0.004	0.004	
			Vanadium	0.08	mg/Kg	0.042	0.004	
			Zinc	10.5	mg/Kg	0.1	0.02	
		SW6010B	Chromium	ND	mg/Kg	0.1	0.1	
			Copper	1.15	mg/Kg	0.21	0.04	
		SW7471A	Mercury	0.034	mg/Kg	0.004	0.002	
		SW7741	Selenium	0.19	mg/Kg	0.04	0.01	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	0.01	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.002	0.0007	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.005	0.0024	
			Acenaphthene	ND	mg/Kg	0.005	0.0012	
			Anthracene	ND	mg/Kg	0.005	0.0015	
			Benzo(a)anthracene	ND	mg/Kg	0.005	0.0012	
			Benzo(a)pyrene	ND	mg/Kg	0.005	0.002	
			Benzo(b)fluoranthene	ND	mg/Kg	0.005	0.0012	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.005	0.0014	
			Benzo(k)fluoranthene	ND	mg/Kg	0.005	0.0018	
			Chrysene	ND	mg/Kg	0.005	0.0018	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.005	0.0016	
			Fluoranthene	0.0015	mg/Kg	0.005	0.0014	
			Fluorene	ND	mg/Kg	0.005	0.0011	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.005	0.00053	
			Naphthalene	ND	mg/Kg	0.005	0.0018	
			Phenanthrene	ND	mg/Kg	0.005	0.0014	
			Pyrene	ND	mg/Kg	0.005	0.0015	
1NE30FT105 Remain	Fish Tissue	E160.1	Total Lipids	0.87	PERCENT	0.05	0.05	
		E200.8	Antimony	ND	mg/Kg	0.01	0.004	
			Arsenic	0.3	mg/Kg	0.1	0.04	
			Barium	0.296	mg/Kg	0.004	0.004	
			Cadmium	0.056	mg/Kg	0.01	0.004	
			Lead	0.014	mg/Kg	0.004	0.002	
			Nickel	0.25	mg/Kg	0.04	0.01	
			Silver	0.03	mg/Kg	0.004	0.004	
			Vanadium	0.187	mg/Kg	0.042	0.004	
			Zinc	40	mg/Kg	0.1	0.02	
		SW6010B	Chromium	0.3	mg/Kg	0.1	0.1	
			Copper	2.51	mg/Kg	0.21	0.04	
		SW7471A	Mercury	0.024	mg/Kg	0.004	0.002	
		SW7741	Selenium	0.24	mg/Kg	0.04	0.01	

Summary of Analytical Results Site 30
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
1NE30FT105 Remain	Fish Tissue	SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	0.009	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.002	0.0007	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.005	0.0024	
			Acenaphthene	ND	mg/Kg	0.005	0.0012	
			Anthracene	ND	mg/Kg	0.005	0.0015	
			Benzo(a)anthracene	ND	mg/Kg	0.005	0.0012	
			Benzo(a)pyrene	ND	mg/Kg	0.005	0.002	
			Benzo(b)fluoranthene	ND	mg/Kg	0.005	0.0012	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.005	0.0014	
			Benzo(k)fluoranthene	ND	mg/Kg	0.005	0.0018	
			Chrysene	ND	mg/Kg	0.005	0.0018	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.005	0.0016	
			Fluoranthene	ND	mg/Kg	0.005	0.0014	
			Fluorene	ND	mg/Kg	0.005	0.0011	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.005	0.00053	
			Naphthalene	ND	mg/Kg	0.005	0.0018	
			Phenanthrene	ND	mg/Kg	0.005	0.0014	
			Pyrene	ND	mg/Kg	0.005	0.0015	
01NE30FT106 Fillet	Fish Tissue	E160.1	Total Lipids	1.73	PERCENT	0.05	0.05	
		E200.8	Antimony	ND	mg/Kg	0.012	0.005	
			Arsenic	0.58	mg/Kg	0.12	0.05	
			Barium	0.041	mg/Kg	0.005	0.005	
			Cadmium	ND	mg/Kg	0.012	0.005	
			Lead	0.002	mg/Kg	0.005	0.002	
			Nickel	0.05	mg/Kg	0.05	0.01	
			Silver	ND	mg/Kg	0.005	0.005	
			Vanadium	0.055	mg/Kg	0.048	0.005	
			Zinc	13.7	mg/Kg	0.12	0.02	
		SW6010B	Chromium	ND	mg/Kg	0.1	0.1	
			Copper	0.82	mg/Kg	0.24	0.05	
		SW7471A	Mercury	0.009	mg/Kg	0.004	0.002	
		SW7741	Selenium	0.15	mg/Kg	0.05	0.01	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	0.0062	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.002	0.0007	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.005	0.0024	
			Acenaphthene	ND	mg/Kg	0.005	0.0012	
			Anthracene	ND	mg/Kg	0.005	0.0015	
			Benzo(a)anthracene	ND	mg/Kg	0.005	0.0012	
			Benzo(a)pyrene	ND	mg/Kg	0.005	0.002	
			Benzo(b)fluoranthene	ND	mg/Kg	0.005	0.0012	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.005	0.0014	
			Benzo(k)fluoranthene	ND	mg/Kg	0.005	0.0018	
			Chrysene	ND	mg/Kg	0.005	0.0018	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.005	0.0016	
			Fluoranthene	ND	mg/Kg	0.005	0.0014	
			Fluorene	ND	mg/Kg	0.005	0.0011	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.005	0.00053	
			Naphthalene	ND	mg/Kg	0.005	0.0018	
			Phenanthrene	ND	mg/Kg	0.005	0.0014	
			Pyrene	ND	mg/Kg	0.005	0.0015	
01NE30SD101	Sediment	AK102	DRO	84	mg/Kg	9.2	1.7	
		AK103	RRO	270	mg/Kg	18	18	VJ
		E200.8	Arsenic	19.8	mg/Kg	0.7	0.1	
		SW6010B	Aluminum	21700	mg/Kg	8	5	

Summary of Analytical Results Site 30
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE30SD101	Sediment	SW6010B	Antimony	50	mg/Kg	20	6	
			Barium	209	mg/Kg	1	0.2	
			Beryllium	3.3	mg/Kg	0.4	0.1	
			Cadmium	4	mg/Kg	0.8	0.3	
			Calcium	5440	mg/Kg	20	0.1	
			Chromium	30	mg/Kg	2	0.5	
			Cobalt	22	mg/Kg	1	0.2	
			Copper	29.8	mg/Kg	0.8	0.8	
			Iron	105000	mg/Kg	8	3	
			Lead	59	mg/Kg	8	3	
			Magnesium	4810	mg/Kg	8	3	
			Manganese	6480	mg/Kg	0.4	0.1	
			Nickel	30	mg/Kg	4	1	
			Potassium	1510	mg/Kg	200	200	
			Selenium	ND	mg/Kg	20	4	
			Silver	ND	mg/Kg	1	0.3	
			Sodium	410	mg/Kg	20	6	
			Thallium	ND	mg/Kg	20	2	
			Vanadium	48	mg/Kg	1	0.7	
			Zinc	368	mg/Kg	2	1	
		SW7471A	Mercury	ND	mg/Kg	0.1	0.04	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.022	0.022	
			Acenaphthene	ND	mg/Kg	0.022	0.015	
			Acenaphthylene	ND	mg/Kg	0.022	0.014	
			Anthracene	ND	mg/Kg	0.022	0.014	
			Benzo(a)anthracene	ND	mg/Kg	0.022	0.012	
			Benzo(a)pyrene	ND	mg/Kg	0.022	0.01	
			Benzo(b)fluoranthene	ND	mg/Kg	0.022	0.014	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.022	0.012	
			Benzo(k)fluoranthene	ND	mg/Kg	0.022	0.011	
			Chrysene	ND	mg/Kg	0.022	0.01	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.022	0.01	
			Dibenzofuran	ND	mg/Kg	0.022	0.022	
			Fluoranthene	ND	mg/Kg	0.022	0.011	
			Fluorene	ND	mg/Kg	0.022	0.016	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.022	0.015	
			Naphthalene	ND	mg/Kg	0.022	0.02	
			Phenanthrene	ND	mg/Kg	0.022	0.014	
			Pyrene	ND	mg/Kg	0.022	0.012	
01NE30SS101	Surface Soil	AK102	DRO	390	mg/Kg	58	10	
		AK103	RRO	2300	mg/Kg	120	120	VJ
		E200.8	Arsenic	5.3	mg/Kg	0.4	0.08	
		SW6010B	Aluminum	19700	mg/Kg	5	3	
			Antimony	ND	mg/Kg	10	3	
			Barium	173	mg/Kg	0.7	0.09	
			Beryllium	0.3	mg/Kg	0.2	0.07	
			Cadmium	ND	mg/Kg	0.5	0.2	
			Calcium	2000	mg/Kg	10	0.07	
			Chromium	31	mg/Kg	1	0.3	
			Cobalt	5.8	mg/Kg	0.7	0.1	
			Copper	14.2	mg/Kg	0.5	0.5	
			Iron	17500	mg/Kg	5	1	
			Lead	15	mg/Kg	5	1	
			Magnesium	4150	mg/Kg	5	2	
			Manganese	86.8	mg/Kg	0.2	0.07	
			Nickel	18	mg/Kg	2	0.8	
			Potassium	1250	mg/Kg	110	90	
			Selenium	ND	mg/Kg	10	2	
			Silver	ND	mg/Kg	0.7	0.2	
			Sodium	240	mg/Kg	10	3	
			Thallium	ND	mg/Kg	10	1	
			Vanadium	44.5	mg/Kg	0.7	0.4	
			Zinc	45	mg/Kg	1	0.7	
		SW7471A	Mercury	0.1	mg/Kg	0.1	0.03	

Summary of Analytical Results Site 30
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE30SS101	Surface Soil	SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.027	0.027	
			Acenaphthene	ND	mg/Kg	0.027	0.018	
			Acenaphthylene	ND	mg/Kg	0.027	0.018	
			Anthracene	ND	mg/Kg	0.027	0.018	
			Benzo(a)anthracene	ND	mg/Kg	0.027	0.015	
			Benzo(a)pyrene	ND	mg/Kg	0.027	0.013	
			Benzo(b)fluoranthene	ND	mg/Kg	0.027	0.018	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.027	0.015	
			Benzo(k)fluoranthene	ND	mg/Kg	0.027	0.014	
			Chrysene	ND	mg/Kg	0.027	0.013	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.027	0.013	
			Dibenzofuran	ND	mg/Kg	0.027	0.027	
			Fluoranthene	ND	mg/Kg	0.027	0.014	
			Fluorene	ND	mg/Kg	0.027	0.02	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.027	0.019	
			Naphthalene	ND	mg/Kg	0.027	0.026	
			Phenanthrene	ND	mg/Kg	0.027	0.018	
			Pyrene	ND	mg/Kg	0.027	0.016	
01NE30SS102	Surface Soil	AK102	DRO	11	mg/Kg	5	0.51	
		AK103	RRO	21	mg/Kg	10	10	VJ
		E200.8	Arsenic	4.4	mg/Kg	0.2	0.04	
		SW6010B	Aluminum	13200	mg/Kg	2	1	
			Antimony	15	mg/Kg	6	2	
			Barium	85.3	mg/Kg	0.3	0.04	
			Beryllium	1	mg/Kg	0.1	0.03	
			Cadmium	0.5	mg/Kg	0.2	0.09	
			Calcium	4040	mg/Kg	6	0.03	
			Chromium	52.1	mg/Kg	0.6	0.1	
			Cobalt	10.8	mg/Kg	0.3	0.07	
			Copper	41.3	mg/Kg	0.2	0.2	
			Iron	26400	mg/Kg	2	0.7	
			Lead	28	mg/Kg	2	0.7	
			Magnesium	7250	mg/Kg	2	0.9	
			Manganese	340	mg/Kg	0.1	0.03	
			Nickel	31	mg/Kg	1	0.4	
			Potassium	2340	mg/Kg	60	40	
			Selenium	ND	mg/Kg	6	1	
			Silver	ND	mg/Kg	0.3	0.08	
			Sodium	222	mg/Kg	6	2	
			Thallium	ND	mg/Kg	6	0.7	
			Vanadium	35.8	mg/Kg	0.3	0.2	
			Zinc	89	mg/Kg	0.7	0.3	
		SW7471A	Mercury	ND	mg/Kg	0.04	0.01	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.0068	0.0068	
			Acenaphthene	ND	mg/Kg	0.0068	0.0046	
			Acenaphthylene	ND	mg/Kg	0.0068	0.0045	
			Anthracene	ND	mg/Kg	0.0068	0.0045	
			Benzo(a)anthracene	ND	mg/Kg	0.0068	0.0038	
			Benzo(a)pyrene	ND	mg/Kg	0.0068	0.0032	
			Benzo(b)fluoranthene	ND	mg/Kg	0.0068	0.0044	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0068	0.0038	
			Benzo(k)fluoranthene	ND	mg/Kg	0.0068	0.0033	
			Chrysene	ND	mg/Kg	0.0068	0.0031	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0068	0.0032	
			Dibenzofuran	ND	mg/Kg	0.0068	0.0068	
			Fluoranthene	ND	mg/Kg	0.0068	0.0034	
			Fluorene	ND	mg/Kg	0.0068	0.0051	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0068	0.0047	
			Naphthalene	ND	mg/Kg	0.0068	0.0064	
			Phenanthrene	ND	mg/Kg	0.0068	0.0044	
			Pyrene	ND	mg/Kg	0.0068	0.0039	
01NE30SS103	Surface Soil	AK102	DRO	170	mg/Kg	23	4.1	
		AK103	RRO	1200	mg/Kg	45	45	VJ
		E200.8	Arsenic	ND	mg/Kg	2	0.3	

Summary of Analytical Results Site 30
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE30SS103	Surface Soil	SW6010B	Aluminum	640	mg/Kg	10	8	
			Antimony	ND	mg/Kg	30	10	
			Barium	34	mg/Kg	2	0.3	
			Beryllium	ND	mg/Kg	0.7	0.2	
			Cadmium	ND	mg/Kg	1	0.6	
			Calcium	2530	mg/Kg	30	0.2	
			Chromium	ND	mg/Kg	3	0.9	
			Cobalt	ND	mg/Kg	2	0.4	
			Copper	2	mg/Kg	1	1	
			Iron	6730	mg/Kg	10	4	
			Lead	ND	mg/Kg	10	4	
			Magnesium	1630	mg/Kg	10	6	
			Manganese	8	mg/Kg	0.7	0.2	
			Nickel	ND	mg/Kg	7	2	
			Potassium	ND	mg/Kg	340	300	
			Selenium	ND	mg/Kg	30	7	
			Silver	ND	mg/Kg	2	0.5	
			Sodium	270	mg/Kg	30	10	
			Thallium	ND	mg/Kg	30	4	
			Vanadium	4	mg/Kg	2	1	
			Zinc	9	mg/Kg	4	2	
		SW7471A	Mercury	ND	mg/Kg	0.3	0.1	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.053	0.053	VQQ
			Acenaphthene	ND	mg/Kg	0.053	0.036	VQQ
			Acenaphthylene	ND	mg/Kg	0.053	0.035	VQQ
			Anthracene	ND	mg/Kg	0.053	0.035	VQQ
			Benzo(a)anthracene	ND	mg/Kg	0.053	0.03	VQQ
			Benzo(a)pyrene	ND	mg/Kg	0.053	0.026	VQQ
			Benzo(b)fluoranthene	ND	mg/Kg	0.053	0.034	VQQ
			Benzo(g,h,i)perylene	ND	mg/Kg	0.053	0.03	VQQ
			Benzo(k)fluoranthene	ND	mg/Kg	0.053	0.026	VQQ
			Chrysene	ND	mg/Kg	0.053	0.025	VQQ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.053	0.026	VQQ
			Dibenzofuran	ND	mg/Kg	0.053	0.053	VQQ
			Fluoranthene	ND	mg/Kg	0.053	0.027	VQQ
			Fluorene	ND	mg/Kg	0.053	0.04	VQQ
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.053	0.037	VQQ
			Naphthalene	ND	mg/Kg	0.053	0.05	VQQ
			Phenanthrene	ND	mg/Kg	0.053	0.034	VQQ
			Pyrene	ND	mg/Kg	0.053	0.03	VQQ
01NE30SS201	Surface Soil	E200.8	Arsenic	3.6	mg/Kg	0.4	0.08	
		SW6010B	Aluminum	17800	mg/Kg	4	2	
			Antimony	ND	mg/Kg	9	3	
			Barium	160	mg/Kg	0.6	0.08	
			Beryllium	0.5	mg/Kg	0.2	0.06	
			Cadmium	ND	mg/Kg	0.4	0.2	
			Calcium	1810	mg/Kg	9	0.06	
			Chromium	28.5	mg/Kg	0.9	0.2	
			Cobalt	5.3	mg/Kg	0.6	0.1	
			Copper	13.7	mg/Kg	0.4	0.4	
			Iron	15200	mg/Kg	4	1	
			Lead	11	mg/Kg	4	1	
			Magnesium	3790	mg/Kg	4	2	
			Manganese	80.3	mg/Kg	0.2	0.06	
			Nickel	16	mg/Kg	2	0.6	
			Potassium	1040	mg/Kg	90	70	
			Selenium	ND	mg/Kg	9	2	
			Silver	ND	mg/Kg	0.6	0.1	
			Sodium	227	mg/Kg	9	3	
			Thallium	ND	mg/Kg	9	1	
			Vanadium	38.1	mg/Kg	0.6	0.3	
			Zinc	42	mg/Kg	1	0.6	
		SW7471A	Mercury	0.1	mg/Kg	0.1	0.03	
01NE30WP101	Ground Water	A2320B	Alkalinity, Total	ND	MGCACO3/	1	1	

Summary of Analytical Results Site 30
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE30WP101	Ground Water	AK101	GRO	ND	mg/L	0.25	0.1	
		AK102	DRO	2	mg/L	1.2	0.12	VB
		AK103	RRO	6.9	mg/L	2.5	2.5	VJ
		E375.2	Sulfate	24	mg/L	2.5	2.5	
		SW6010B	Aluminum	8.17	mg/L	0.02	0.012	
			Antimony	ND	mg/L	0.05	0.014	
			Barium	0.102	mg/L	0.003	0.0004	
			Beryllium	ND	mg/L	0.001	0.0003	
			Cadmium	ND	mg/L	0.002	0.00084	
			Calcium	3.68	mg/L	0.05	0.0003	
			Chromium	0.03	mg/L	0.005	0.0013	
			Cobalt	0.005	mg/L	0.003	0.0006	
			Copper	0.017	mg/L	0.002	0.002	
			Iron	13.5	mg/L	0.02	0.0063	
			Magnesium	3.97	mg/L	0.02	0.0084	
			Manganese	0.056	mg/L	0.001	0.0003	
			Nickel	0.09	mg/L	0.01	0.0034	
			Potassium	1.73	mg/L	0.5	0.38	
			Silver	ND	mg/L	0.003	0.0007	
			Sodium	13	mg/L	0.05	0.015	
			Vanadium	0.02	mg/L	0.003	0.0017	
			Zinc	0.146	mg/L	0.006	0.0029	
		SW7060A	Arsenic	0.007	mg/L	0.001	0.00054	
		SW7421	Lead	0.007	mg/L	0.001	0.00086	
		SW7470A	Mercury	0.0002	mg/L	0.0001	0.00003	
		SW7740	Selenium	ND	mg/L	0.002	0.00083	
		SW7841	Thallium	ND	mg/L	0.001	0.00081	
		SW8260	1,1,1,2-Tetrachloroethane	ND	mg/L	0.001	0.00026	
			1,1,1-Trichloroethane	ND	mg/L	0.001	0.0004	
			1,1,2,2-Tetrachloroethane	ND	mg/L	0.001	0.00032	
			1,1,2-Trichloro-1,2,2-trifluoroethar	ND	mg/L	0.002	0.0003	
			1,1,2-Trichloroethane	ND	mg/L	0.001	0.00039	
			1,1-Dichloroethane	ND	mg/L	0.001	0.00049	
			1,1-Dichloroethene	ND	mg/L	0.001	0.00049	
			1,1-Dichloropropene	ND	mg/L	0.001	0.00028	
			1,2,3-Trichlorobenzene	ND	mg/L	0.005	0.00035	
			1,2,3-Trichloropropane	ND	mg/L	0.003	0.00092	
			1,2,4-Trichlorobenzene	ND	mg/L	0.005	0.00049	
			1,2,4-Trimethylbenzene	ND	mg/L	0.001	0.00034	
			1,2-Dibromo-3-chloropropane	ND	mg/L	0.005	0.00097	
			1,2-Dibromoethane	ND	mg/L	0.001	0.00033	
			1,2-Dichlorobenzene	ND	mg/L	0.001	0.00038	
			1,2-Dichloroethane	ND	mg/L	0.001	0.00037	
			1,2-Dichloropropane	ND	mg/L	0.001	0.00042	
			1,3,5-Trimethylbenzene	ND	mg/L	0.001	0.00043	
			1,3-Dichlorobenzene	ND	mg/L	0.001	0.00044	
			1,3-Dichloropropane	ND	mg/L	0.001	0.00024	
			1,4-Dichlorobenzene	ND	mg/L	0.001	0.0004	
			2,2-Dichloropropane	ND	mg/L	0.001	0.00037	
			2-Butanone	ND	mg/L	0.005	0.0028	
			2-Chloroethyl vinyl ether	ND	mg/L	0.005	0.00019	
			2-Chlorotoluene	ND	mg/L	0.001	0.00046	
			2-Hexanone	ND	mg/L	0.005	0.0011	
			4-Chlorotoluene	ND	mg/L	0.001	0.00059	
			4-Isopropyltoluene	ND	mg/L	0.001	0.00026	
			4-Methyl-2-pentanone	ND	mg/L	0.005	0.0014	
			Acetone	0.013	mg/L	0.005	0.003	
			Acrolein	ND	mg/L	0.05	0.0041	
			Acrylamide	ND	mg/L	0.001	0.00078	
			Benzene	ND	mg/L	0.001	0.00043	
			Bromobenzene	ND	mg/L	0.001	0.00058	
			Bromochloromethane	ND	mg/L	0.001	0.00058	
			Bromodichloromethane	ND	mg/L	0.001	0.00034	
			Bromoethane	ND	mg/L	0.002	0.00064	

Summary of Analytical Results Site 30
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE30WP101	Ground Water	SW8260	Bromoform	ND	mg/L	0.001	0.00031	
			Bromomethane	ND	mg/L	0.001	0.00058	
			Carbon disulfide	ND	mg/L	0.001	0.00036	
			Carbon tetrachloride	ND	mg/L	0.001	0.00045	
			Chlorobenzene	ND	mg/L	0.001	0.00036	
			Chloroethane	ND	mg/L	0.001	0.00051	
			Chloroform	ND	mg/L	0.001	0.00053	
			Chloromethane	ND	mg/L	0.001	0.00056	
			cis-1,2-Dichloroethene	ND	mg/L	0.001	0.00039	
			cis-1,3-Dichloropropene	ND	mg/L	0.001	0.00027	
			Dibromochloromethane	ND	mg/L	0.001	0.00024	
			Dibromomethane	ND	mg/L	0.001	0.00053	
			Ethylbenzene	ND	mg/L	0.001	0.00035	
			Hexachlorobutadiene	ND	mg/L	0.005	0.00058	
			Isopropylbenzene	ND	mg/L	0.001	0.00037	
			m,p-Xylene (sum)	ND	mg/L	0.001	0.00061	
			Methyl iodide	ND	mg/L	0.001	0.00061	
			Methylene chloride	ND	mg/L	0.002	0.00069	
			Naphthalene	ND	mg/L	0.005	0.00028	
			n-Butylbenzene	ND	mg/L	0.001	0.00026	
			n-Propylbenzene	ND	mg/L	0.001	0.00043	
			o-Xylene	ND	mg/L	0.001	0.00035	
			sec-Butylbenzene	ND	mg/L	0.001	0.00025	
			Styrene	ND	mg/L	0.001	0.00028	
			tert-Butylbenzene	ND	mg/L	0.001	0.00035	
			Tetrachloroethene	ND	mg/L	0.001	0.00031	
			Toluene	ND	mg/L	0.001	0.00042	
			trans-1,2-Dichloroethene	ND	mg/L	0.001	0.00054	
			trans-1,3-Dichloropropene	ND	mg/L	0.001	0.00026	
			trans-1,4-Dichloro-2-butene	ND	mg/L	0.005	0.0003	
			Trichloroethene	ND	mg/L	0.001	0.00042	
			Trichlorofluoromethane	ND	mg/L	0.001	0.00029	
			Vinyl acetate	ND	mg/L	0.005	0.0004	
			Vinyl chloride	ND	mg/L	0.001	0.0004	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/L	0.0001	0.0001	
			Acenaphthene	ND	mg/L	0.0001	0.00009	
			Acenaphthylene	ND	mg/L	0.0001	0.00009	
			Anthracene	ND	mg/L	0.0001	0.00003	
			Benzo(a)anthracene	ND	mg/L	0.0001	0.00003	
			Benzo(a)pyrene	ND	mg/L	0.0001	0.00002	
			Benzo(b)fluoranthene	ND	mg/L	0.0001	0.00004	
			Benzo(g,h,i)perylene	ND	mg/L	0.0001	0.00008	
			Benzo(k)fluoranthene	ND	mg/L	0.0001	0.00004	
			Chrysene	ND	mg/L	0.0001	0.00003	
			Dibenzo(a,h)anthracene	ND	mg/L	0.0001	0.0001	
			Dibenzofuran	ND	mg/L	0.0001	0.0001	
			Fluoranthene	ND	mg/L	0.0001	0.0001	
			Fluorene	ND	mg/L	0.0001	0.00009	
			Indeno(1,2,3-cd)pyrene	ND	mg/L	0.0001	0.00008	
			Naphthalene	ND	mg/L	0.0001	0.00009	
			Phenanthrene	ND	mg/L	0.0001	0.00007	
			Pyrene	ND	mg/L	0.0001	0.0001	
01NE30WP102	Ground Water	A2320B	Alkalinity, Total	7.7	MGCACO3/	1	1	
		AK101	GRO	ND	mg/L	0.25	0.1	
		AK102	DRO	ND	mg/L	0.25	0.02	
		AK103	RRO	ND	mg/L	0.5	0.5	VQQ
		E375.2	Sulfate	11	mg/L	2.5	2.5	
		SW6010B	Aluminum	0.82	mg/L	0.02	0.012	
			Antimony	ND	mg/L	0.05	0.014	
			Barium	0.021	mg/L	0.003	0.0004	
			Beryllium	ND	mg/L	0.001	0.0003	
			Cadmium	ND	mg/L	0.002	0.00084	
			Calcium	1.33	mg/L	0.05	0.0003	
			Chromium	ND	mg/L	0.005	0.0013	

Summary of Analytical Results Site 30
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE30WP102	Ground Water	SW6010B	Cobalt	ND	mg/L	0.003	0.0006	
			Copper	0.002	mg/L	0.002	0.002	
			Iron	7.9	mg/L	0.02	0.0063	
			Magnesium	1.42	mg/L	0.02	0.0084	
			Manganese	0.09	mg/L	0.001	0.0003	
			Nickel	ND	mg/L	0.01	0.0034	
			Potassium	1.27	mg/L	0.5	0.38	
			Silver	ND	mg/L	0.003	0.0007	
			Sodium	6.52	mg/L	0.05	0.015	
			Vanadium	ND	mg/L	0.003	0.0017	
			Zinc	ND	mg/L	0.006	0.0029	
		SW7060A	Arsenic	0.003	mg/L	0.001	0.00054	
		SW7421	Lead	0.002	mg/L	0.001	0.00086	
		SW7470A	Mercury	ND	mg/L	0.0001	0.00003	
		SW7740	Selenium	ND	mg/L	0.002	0.00083	
		SW7841	Thallium	ND	mg/L	0.001	0.00081	
		SW8260	1,1,1,2-Tetrachloroethane	ND	mg/L	0.001	0.00026	
			1,1,1-Trichloroethane	ND	mg/L	0.001	0.0004	
			1,1,2,2-Tetrachloroethane	ND	mg/L	0.001	0.00032	
			1,1,2-Trichloro-1,2,2-trifluoroethar	ND	mg/L	0.002	0.0003	
			1,1,2-Trichloroethane	ND	mg/L	0.001	0.00039	
			1,1-Dichloroethane	ND	mg/L	0.001	0.00049	
			1,1-Dichloroethene	ND	mg/L	0.001	0.00049	
			1,1-Dichloropropene	ND	mg/L	0.001	0.00028	
			1,2,3-Trichlorobenzene	ND	mg/L	0.005	0.00035	
			1,2,3-Trichloropropane	ND	mg/L	0.003	0.00092	
			1,2,4-Trichlorobenzene	ND	mg/L	0.005	0.00049	
			1,2,4-Trimethylbenzene	ND	mg/L	0.001	0.00034	
			1,2-Dibromo-3-chloropropane	ND	mg/L	0.005	0.00097	
			1,2-Dibromoethane	ND	mg/L	0.001	0.00033	
			1,2-Dichlorobenzene	ND	mg/L	0.001	0.00038	
			1,2-Dichloroethane	ND	mg/L	0.001	0.00037	
			1,2-Dichloropropane	ND	mg/L	0.001	0.00042	
			1,3,5-Trimethylbenzene	ND	mg/L	0.001	0.00043	
			1,3-Dichlorobenzene	ND	mg/L	0.001	0.00044	
			1,3-Dichloropropane	ND	mg/L	0.001	0.00024	
			1,4-Dichlorobenzene	ND	mg/L	0.001	0.0004	
			2,2-Dichloropropane	ND	mg/L	0.001	0.00037	
			2-Butanone	ND	mg/L	0.005	0.00283	
			2-Chloroethyl vinyl ether	ND	mg/L	0.005	0.00019	
			2-Chlorotoluene	ND	mg/L	0.001	0.00046	
			2-Hexanone	ND	mg/L	0.005	0.00113	
			4-Chlorotoluene	ND	mg/L	0.001	0.00059	
			4-Isopropyltoluene	ND	mg/L	0.001	0.00026	
			4-Methyl-2-pentanone	ND	mg/L	0.005	0.00138	
			Acetone	ND	mg/L	0.005	0.00304	
			Acrolein	ND	mg/L	0.05	0.00414	
			Acrylamide	ND	mg/L	0.001	0.00078	
			Benzene	ND	mg/L	0.001	0.00043	
			Bromobenzene	ND	mg/L	0.001	0.00058	
			Bromochloromethane	ND	mg/L	0.001	0.00058	
			Bromodichloromethane	ND	mg/L	0.001	0.00034	
			Bromoethane	ND	mg/L	0.002	0.00064	
			Bromoform	ND	mg/L	0.001	0.00031	
			Bromomethane	ND	mg/L	0.001	0.00058	
			Carbon disulfide	ND	mg/L	0.001	0.00036	
			Carbon tetrachloride	ND	mg/L	0.001	0.00045	
			Chlorobenzene	ND	mg/L	0.001	0.00036	
			Chloroethane	ND	mg/L	0.001	0.00051	
			Chloroform	ND	mg/L	0.001	0.00053	
			Chloromethane	ND	mg/L	0.001	0.00056	
			cis-1,2-Dichloroethene	ND	mg/L	0.001	0.00039	
			cis-1,3-Dichloropropene	ND	mg/L	0.001	0.00027	
			Dibromochloromethane	ND	mg/L	0.001	0.00024	

Summary of Analytical Results Site 30
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE30WP102	Ground Water	SW8260	Dibromomethane	ND	mg/L	0.001	0.00053	
			Ethylbenzene	ND	mg/L	0.001	0.00035	
			Hexachlorobutadiene	ND	mg/L	0.005	0.00058	
			Isopropylbenzene	ND	mg/L	0.001	0.00037	
			m,p-Xylene (sum)	ND	mg/L	0.001	0.00061	
			Methyl iodide	ND	mg/L	0.001	0.00061	
			Methylene chloride	ND	mg/L	0.002	0.00069	
			Naphthalene	ND	mg/L	0.005	0.00028	
			n-Butylbenzene	ND	mg/L	0.001	0.00026	
			n-Propylbenzene	ND	mg/L	0.001	0.00043	
			o-Xylene	ND	mg/L	0.001	0.00035	
			sec-Butylbenzene	ND	mg/L	0.001	0.00025	
			Styrene	ND	mg/L	0.001	0.00028	
			tert-Butylbenzene	ND	mg/L	0.001	0.00035	
			Tetrachloroethene	ND	mg/L	0.001	0.00031	
			Toluene	ND	mg/L	0.001	0.00042	
			trans-1,2-Dichloroethene	ND	mg/L	0.001	0.00054	
			trans-1,3-Dichloropropene	ND	mg/L	0.001	0.00026	
			trans-1,4-Dichloro-2-butene	ND	mg/L	0.005	0.0003	
			Trichloroethene	ND	mg/L	0.001	0.00042	
			Trichlorofluoromethane	ND	mg/L	0.001	0.00029	
			Vinyl acetate	ND	mg/L	0.005	0.0004	
			Vinyl chloride	ND	mg/L	0.001	0.0004	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/L	0.00005	0.00005	
			Acenaphthene	ND	mg/L	0.00005	0.00004	
			Acenaphthylene	ND	mg/L	0.00005	0.00005	
			Anthracene	ND	mg/L	0.00005	0.00002	
			Benzo(a)anthracene	ND	mg/L	0.00005	0.00002	
			Benzo(a)pyrene	ND	mg/L	0.00005	0.00001	
			Benzo(b)fluoranthene	ND	mg/L	0.00005	0.00002	
			Benzo(g,h,i)perylene	ND	mg/L	0.00005	0.00004	
			Benzo(k)fluoranthene	ND	mg/L	0.00005	0.00002	
			Chrysene	ND	mg/L	0.00005	0.00001	
			Dibenzo(a,h)anthracene	ND	mg/L	0.00005	0.00005	
			Dibenzofuran	ND	mg/L	0.00005	0.00005	
			Fluoranthene	ND	mg/L	0.00005	0.00005	
			Fluorene	ND	mg/L	0.00005	0.00005	
			Indeno(1,2,3-cd)pyrene	ND	mg/L	0.00005	0.00004	
			Naphthalene	ND	mg/L	0.00005	0.00005	
			Phenanthrene	ND	mg/L	0.00005	0.00004	
			Pyrene	ND	mg/L	0.00005	0.00005	

Key:
DRO - diesel range organics
MDL - method detection limit
mg/L - milligram per liter
mg/Kg - milligram per kilogram
MRL - method reporting limit
ND - not detected
RRO - residual range organics
SIM - selected ion monitoring
VB - The analyte was detected in the assoicated blank and the sample indicating possible contamination.
VJ - The analyte was positively identified; the quantitaion is an estimation.
VQQ - The practical quantation limit is approximate due to QC or matrix effects.

Summary of Analytical Results Site 31
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE31SS101	Surface Soil	AK102	DRO	11	mg/Kg	5	0.48	
		AK103	RRO	33	mg/Kg	10	10	VJ
		SW8081	4,4'-DDD	ND	mg/Kg	0.0035	0.00016	
			4,4'-DDE	ND	mg/Kg	0.0026	0.00014	
			4,4'-DDT	ND	mg/Kg	0.21	0.00024	
			Aldrin	ND	mg/Kg	0.0018	0.000063	
			alpha-BHC	ND	mg/Kg	0.0018	0.000095	
			alpha-Chlordane	ND	mg/Kg	0.0018	0.000053	
			beta-BHC	ND	mg/Kg	0.0018	0.00011	
			delta-BHC	ND	mg/Kg	0.0018	0.000077	
			Dieldrin	ND	mg/Kg	0.043	0.00011	
			Endosulfan I	ND	mg/Kg	0.0018	0.000095	
			Endosulfan II	ND	mg/Kg	0.0035	0.00022	
			Endosulfan sulfate	ND	mg/Kg	0.034	0.0003	
			Endrin	ND	mg/Kg	0.0048	0.00011	
			Endrin aldehyde	ND	mg/Kg	0.056	0.0002	
			Endrin ketone	ND	mg/Kg	0.0035	0.00036	
			gamma-BHC (Lindane)	ND	mg/Kg	0.0018	0.000074	
			gamma-Chlordane	ND	mg/Kg	0.0018	0.000067	
			Heptachlor	ND	mg/Kg	0.0018	0.000077	
			Heptachlor epoxide	ND	mg/Kg	0.0018	0.000077	
			Methoxychlor	ND	mg/Kg	0.037	0.0011	
			PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.035	0.0094	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.07	0.012	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.035	0.0049	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.035	0.0057	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.035	0.0038	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.035	0.011	
			PCB-1260 (Aroclor 1260)	6.7	mg/Kg	0.35	0.092	
			Toxaphene	ND	mg/Kg	0.18	0.0079	
01NE31SS102	Surface Soil	AK102	DRO	25	mg/Kg	5	0.5	
		AK103	RRO	95	mg/Kg	10	10	VJ
		SW8081	4,4'-DDD	ND	mg/Kg	0.0037	0.00017	
			4,4'-DDE	ND	mg/Kg	0.0037	0.00014	
			4,4'-DDT	ND	mg/Kg	0.097	0.00026	
			Aldrin	ND	mg/Kg	0.0019	0.000067	
			alpha-BHC	ND	mg/Kg	0.0019	0.0001	
			alpha-Chlordane	ND	mg/Kg	0.0019	0.000056	
			beta-BHC	ND	mg/Kg	0.0019	0.00011	
			delta-BHC	ND	mg/Kg	0.0019	0.000081	
			Dieldrin	ND	mg/Kg	0.027	0.00011	
			Endosulfan I	ND	mg/Kg	0.0019	0.0001	
			Endosulfan II	ND	mg/Kg	0.0037	0.00023	
			Endosulfan sulfate	ND	mg/Kg	0.17	0.00031	
			Endrin	ND	mg/Kg	0.0037	0.00011	
			Endrin aldehyde	ND	mg/Kg	0.036	0.00021	
			Endrin ketone	ND	mg/Kg	0.0037	0.00038	
			gamma-BHC (Lindane)	ND	mg/Kg	0.0019	0.000078	
			gamma-Chlordane	ND	mg/Kg	0.0019	0.00007	
			Heptachlor	ND	mg/Kg	0.0019	0.000081	
			Heptachlor epoxide	ND	mg/Kg	0.0019	0.000081	
			Methoxychlor	ND	mg/Kg	0.022	0.0011	
			PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.037	0.0099	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.074	0.013	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.037	0.0051	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.037	0.006	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.037	0.004	

Summary of Analytical Results Site 31
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE31SS102	Surface Soil	SW8081	PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.037	0.012	
			PCB-1260 (Aroclor 1260)	4.7	mg/Kg	0.37	0.097	
			Toxaphene	ND	mg/Kg	0.19	0.0083	
01NE31SS103	Surface Soil	AK102	DRO	18	mg/Kg	5	0.48	
		AK103	RRO	62	mg/Kg	10	10	VJ
		SW8081	4,4'-DDD	ND	mg/Kg	0.0035	0.00016	
			4,4'-DDE	ND	mg/Kg	0.0035	0.00014	
			4,4'-DDT	ND	mg/Kg	0.13	0.00024	
			Aldrin	ND	mg/Kg	0.0018	0.000063	
			alpha-BHC	ND	mg/Kg	0.0018	0.000095	
			alpha-Chlordane	ND	mg/Kg	0.0018	0.000053	
			beta-BHC	ND	mg/Kg	0.0018	0.00011	
			delta-BHC	ND	mg/Kg	0.0018	0.000077	
			Dieldrin	ND	mg/Kg	0.028	0.00011	
			Endosulfan I	ND	mg/Kg	0.0018	0.000095	
			Endosulfan II	ND	mg/Kg	0.0035	0.00022	
			Endosulfan sulfate	ND	mg/Kg	0.16	0.0003	
			Endrin	ND	mg/Kg	0.0035	0.00011	
			Endrin aldehyde	ND	mg/Kg	0.032	0.0002	
			Endrin ketone	ND	mg/Kg	0.0035	0.00036	
			gamma-BHC (Lindane)	ND	mg/Kg	0.0018	0.000074	
			gamma-Chlordane	ND	mg/Kg	0.0018	0.000067	
			Heptachlor	ND	mg/Kg	0.0018	0.000077	
			Heptachlor epoxide	ND	mg/Kg	0.0018	0.000077	
			Methoxychlor	ND	mg/Kg	0.024	0.0011	
			PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.035	0.0094	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.07	0.012	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.035	0.0049	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.035	0.0057	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.035	0.0038	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.035	0.011	
			PCB-1260 (Aroclor 1260)	4.1	mg/Kg	0.35	0.092	
			Toxaphene	ND	mg/Kg	0.18	0.0079	
01NE31SS104	Surface Soil	AK102	DRO	49	mg/Kg	5	0.48	
		AK103	RRO	140	mg/Kg	10	10	VJ
		SW8081	4,4'-DDD	ND	mg/Kg	0.0035	0.00016	
			4,4'-DDE	ND	mg/Kg	0.0035	0.00014	
			4,4'-DDT	ND	mg/Kg	0.078	0.00024	
			Aldrin	ND	mg/Kg	0.0018	0.000064	
			alpha-BHC	ND	mg/Kg	0.0018	0.000096	
			alpha-Chlordane	ND	mg/Kg	0.0018	0.000053	
			beta-BHC	ND	mg/Kg	0.0018	0.00011	
			delta-BHC	ND	mg/Kg	0.0018	0.000078	
			Dieldrin	ND	mg/Kg	0.028	0.00011	
			Endosulfan I	ND	mg/Kg	0.0018	0.000096	
			Endosulfan II	ND	mg/Kg	0.0035	0.00022	
			Endosulfan sulfate	ND	mg/Kg	0.17	0.0003	
			Endrin	ND	mg/Kg	0.0035	0.00011	
			Endrin aldehyde	ND	mg/Kg	0.034	0.0002	
			Endrin ketone	ND	mg/Kg	0.0035	0.00036	
			gamma-BHC (Lindane)	ND	mg/Kg	0.0018	0.000074	
			gamma-Chlordane	ND	mg/Kg	0.0018	0.000067	
			Heptachlor	ND	mg/Kg	0.0018	0.000078	
			Heptachlor epoxide	ND	mg/Kg	0.0018	0.000078	
			Methoxychlor	ND	mg/Kg	0.024	0.0011	
			PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.035	0.0095	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.071	0.012	

Summary of Analytical Results Site 31
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE31SS104	Surface Soil	SW8081	PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.035	0.0049	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.035	0.0057	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.035	0.0038	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.035	0.011	
			PCB-1260 (Aroclor 1260)	4.4	mg/Kg	0.35	0.093	
			Toxaphene	ND	mg/Kg	0.18	0.008	
01NE31SS105	Surface Soil	AK102	DRO	3400	mg/Kg	250	27	
		AK103	RRO	ND	mg/Kg	500	500	VQQ
01NE31SS106	Surface Soil	AK102	DRO	620	mg/Kg	50	4.8	
		AK103	RRO	ND	mg/Kg	100	100	VQQ
01NE31SS107	Surface Soil	AK102	DRO	690	mg/Kg	50	4.9	
		AK103	RRO	ND	mg/Kg	100	100	VQQ
01NE31SS108	Surface Soil	AK102	DRO	550	mg/Kg	25	2.3	
		AK103	RRO	ND	mg/Kg	50	50	VQQ
01NE31SS109	Surface Soil	AK102	DRO	470	mg/Kg	25	2.4	
		AK103	RRO	ND	mg/Kg	50	50	VQQ
01NE31SS110	Surface Soil	AK102	DRO	310	mg/Kg	20	2	
		AK103	RRO	ND	mg/Kg	40	40	VQQ
01NE31SS111	Surface Soil	AK102	DRO	78	mg/Kg	5	0.48	VLB
		AK103	RRO	32	mg/Kg	10	10	VJ
01NE31SS112	Surface Soil	AK102	DRO	120	mg/Kg	5	0.47	VLB
		AK103	RRO	12	mg/Kg	10	10	VJ
01NE31SS113	Surface Soil	AK102	DRO	640	mg/Kg	50	4.7	
		AK103	RRO	ND	mg/Kg	100	100	VQQ
01NE31SS114	Surface Soil	AK102	DRO	1600	mg/Kg	100	9.6	
		AK103	RRO	ND	mg/Kg	200	200	VQQ
01NE31SS115	Surface Soil	AK102	DRO	380	mg/Kg	20	1.9	
		AK103	RRO	ND	mg/Kg	40	40	VQQ
01NE31SS116	Surface Soil	AK102	DRO	1200	mg/Kg	100	9.7	
		AK103	RRO	ND	mg/Kg	200	200	VQQ
01NE31SS117	Surface Soil	AK102	DRO	2100	mg/Kg	100	10	
		AK103	RRO	ND	mg/Kg	200	200	VQQ
01NE31SS118	Surface Soil	AK102	DRO	3000	mg/Kg	100	10	
		AK103	RRO	ND	mg/Kg	200	200	VQQ
01NE31SS119	Surface Soil	AK102	DRO	1600	mg/Kg	250	23	
		AK103	RRO	7800	mg/Kg	500	500	VJ
01NE31SS120	Surface Soil	AK102	DRO	2100	mg/Kg	250	23	
		AK103	RRO	11000	mg/Kg	500	500	VJ
01NE31SS121	Surface Soil	AK101	GRO	ND	mg/Kg	7.06	2.44	
		AK102	DRO	47	mg/Kg	25	3.9	
		AK103	RRO	350	mg/Kg	50	50	VJ
		SW8081	4,4'-DDD	ND	mg/Kg	0.0058	0.00026	
			4,4'-DDE	ND	mg/Kg	0.0058	0.00022	
			4,4'-DDT	ND	mg/Kg	0.0058	0.0004	
			Aldrin	ND	mg/Kg	0.0029	0.0001	
			alpha-BHC	ND	mg/Kg	0.0029	0.00016	
			alpha-Chlordane	ND	mg/Kg	0.0029	0.000086	
			beta-BHC	ND	mg/Kg	0.0029	0.00017	
			delta-BHC	ND	mg/Kg	0.0029	0.00013	
			Dieldrin	ND	mg/Kg	0.0058	0.00017	
			Endosulfan I	ND	mg/Kg	0.0029	0.00016	
			Endosulfan II	ND	mg/Kg	0.0058	0.00036	
			Endosulfan sulfate	ND	mg/Kg	0.0058	0.00048	
			Endrin	ND	mg/Kg	0.0058	0.00017	
			Endrin aldehyde	ND	mg/Kg	0.0058	0.00033	
			Endrin ketone	ND	mg/Kg	0.0058	0.00059	
			gamma-BHC (Lindane)	ND	mg/Kg	0.0029	0.00012	

Summary of Analytical Results Site 31
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE31SS121	Surface Soil	SW8081	gamma-Chlordane	ND	mg/Kg	0.0029	0.00011	
			Heptachlor	ND	mg/Kg	0.0029	0.00013	
			Heptachlor epoxide	ND	mg/Kg	0.0029	0.00013	
			Methoxychlor	ND	mg/Kg	0.029	0.0017	
			PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.058	0.015	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.12	0.02	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.058	0.0079	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.058	0.0093	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.058	0.0062	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.058	0.019	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.058	0.015	
			Toxaphene	ND	mg/Kg	0.29	0.013	
		SW8260 SIM	Benzene	ND	mg/Kg	0.0041	0.0041	
			Ethylbenzene	ND	mg/Kg	0.0041	0.002	
			m,p-Xylene (sum)	ND	mg/Kg	0.0083	0.0083	
			o-Xylene	ND	mg/Kg	0.0041	0.0035	
			Toluene	0.0118	mg/Kg	0.0041	0.0039	
01NE31SS122	Surface Soil	AK101	GRO	ND	mg/Kg	5	1.04	
		AK102	DRO	11000	mg/Kg	500	50	
		AK103	RRO	7800	mg/Kg	1000	1000	VJ
		SW8081	4,4'-DDD	ND	mg/Kg	0.071	0.0017	
			4,4'-DDE	ND	mg/Kg	0.037	0.0015	
			4,4'-DDT	ND	mg/Kg	0.16	0.0026	
			Aldrin	ND	mg/Kg	0.019	0.00067	
			alpha-BHC	ND	mg/Kg	0.019	0.001	
			alpha-Chlordane	ND	mg/Kg	0.019	0.00056	
			beta-BHC	ND	mg/Kg	0.019	0.0011	
			delta-BHC	ND	mg/Kg	0.019	0.00082	
			Dieldrin	ND	mg/Kg	0.037	0.0011	
			Endosulfan I	ND	mg/Kg	0.019	0.001	
			Endosulfan II	ND	mg/Kg	0.037	0.0023	
			Endosulfan sulfate	ND	mg/Kg	0.064	0.0031	
			Endrin	ND	mg/Kg	0.037	0.0011	
			Endrin aldehyde	ND	mg/Kg	0.037	0.0021	
			Endrin ketone	ND	mg/Kg	0.037	0.0038	
			gamma-BHC (Lindane)	ND	mg/Kg	0.019	0.00078	
			gamma-Chlordane	ND	mg/Kg	0.019	0.00071	
			Heptachlor	ND	mg/Kg	0.019	0.00082	
			Heptachlor epoxide	ND	mg/Kg	0.019	0.00082	
			Methoxychlor	ND	mg/Kg	0.19	0.011	
			PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.37	0.1	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.75	0.13	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.37	0.051	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.37	0.06	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.37	0.04	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.37	0.12	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.37	0.098	
			Toxaphene	ND	mg/Kg	1.9	0.084	
		SW8260 SIM	Benzene	ND	mg/Kg	0.0024	0.0024	
			Ethylbenzene	ND	mg/Kg	0.0024	0.0012	
			m,p-Xylene (sum)	ND	mg/Kg	0.0048	0.0048	
			o-Xylene	ND	mg/Kg	0.0024	0.002	
			Toluene	ND	mg/Kg	0.0024	0.0023	
01NE31SS123	Surface Soil	AK101	GRO	ND	mg/Kg	12.2	4.22	
		AK102	DRO	240	mg/Kg	55	9.8	
		AK103	RRO	1300	mg/Kg	110	110	VJ
		SW8081	4,4'-DDD	ND	mg/Kg	0.0073	0.00033	

Summary of Analytical Results Site 31
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE31SS123	Surface Soil	SW8081	4,4'-DDE	ND	mg/Kg	0.017	0.00028	
			4,4'-DDT	ND	mg/Kg	0.61	0.0005	
			Aldrin	ND	mg/Kg	0.0036	0.00013	
			alpha-BHC	ND	mg/Kg	0.0036	0.0002	
			alpha-Chlordane	ND	mg/Kg	0.0036	0.00011	
			beta-BHC	ND	mg/Kg	0.0036	0.00022	
			delta-BHC	ND	mg/Kg	0.0036	0.00016	
			Dieldrin	ND	mg/Kg	0.14	0.00022	
			Endosulfan I	ND	mg/Kg	0.0036	0.0002	
			Endosulfan II	ND	mg/Kg	0.0073	0.00045	
			Endosulfan sulfate	ND	mg/Kg	0.4	0.00061	
			Endrin	ND	mg/Kg	0.014	0.00022	
			Endrin aldehyde	ND	mg/Kg	0.17	0.00041	
			Endrin ketone	ND	mg/Kg	0.0073	0.00074	
			gamma-BHC (Lindane)	ND	mg/Kg	0.0036	0.00015	
			gamma-Chlordane	ND	mg/Kg	0.036	0.00014	
			Heptachlor	ND	mg/Kg	0.0036	0.00016	
			Heptachlor epoxide	ND	mg/Kg	0.0036	0.00016	
			Methoxychlor	ND	mg/Kg	0.1	0.0022	
			PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.073	0.019	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.15	0.025	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.073	0.01	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.073	0.012	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.073	0.0079	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.073	0.024	
			PCB-1260 (Aroclor 1260)	22	mg/Kg	0.73	0.19	
			Toxaphene	ND	mg/Kg	0.36	0.016	
		SW8260 SIM	Benzene	ND	mg/Kg	0.0052	0.0052	
			Ethylbenzene	ND	mg/Kg	0.0052	0.0026	
			m,p-Xylene (sum)	0.017	mg/Kg	0.01	0.01	
			o-Xylene	0.0053	mg/Kg	0.0052	0.0044	
			Toluene	0.024	mg/Kg	0.0052	0.005	
01NE31SS124	Surface Soil	AK101	GRO	ND	mg/Kg	5.76	1.99	
		AK102	DRO	100	mg/Kg	5	0.52	VLB
		AK103	RRO	190	mg/Kg	10	10	VJ
		SW8081	4,4'-DDD	ND	mg/Kg	0.0038	0.00017	
			4,4'-DDE	ND	mg/Kg	0.0038	0.00015	
			4,4'-DDT	ND	mg/Kg	0.014	0.00026	
			Aldrin	ND	mg/Kg	0.0019	0.000069	
			alpha-BHC	ND	mg/Kg	0.0019	0.0001	
			alpha-Chlordane	ND	mg/Kg	0.0019	0.000057	
			beta-BHC	ND	mg/Kg	0.0019	0.00011	
			delta-BHC	ND	mg/Kg	0.0019	0.000084	
			Dieldrin	ND	mg/Kg	0.0038	0.00011	
			Endosulfan I	ND	mg/Kg	0.0019	0.0001	
			Endosulfan II	ND	mg/Kg	0.0038	0.00024	
			Endosulfan sulfate	ND	mg/Kg	0.021	0.00032	
			Endrin	ND	mg/Kg	0.0038	0.00011	
			Endrin aldehyde	ND	mg/Kg	0.0038	0.00022	
			Endrin ketone	ND	mg/Kg	0.0038	0.00039	
			gamma-BHC (Lindane)	ND	mg/Kg	0.0019	0.00008	
			gamma-Chlordane	ND	mg/Kg	0.0019	0.000073	
			Heptachlor	ND	mg/Kg	0.0019	0.000084	
			Heptachlor epoxide	ND	mg/Kg	0.0019	0.000084	
			Methoxychlor	ND	mg/Kg	0.019	0.0011	
			PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.038	0.01	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.077	0.013	

Summary of Analytical Results Site 31
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE31SS124	Surface Soil	SW8081	PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.038	0.0053	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.038	0.0062	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.038	0.0041	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.038	0.012	
			PCB-1260 (Aroclor 1260)	0.36	mg/Kg	0.038	0.01	
			Toxaphene	ND	mg/Kg	0.19	0.0086	
		SW8260 SIM	Benzene	ND	mg/Kg	0.003	0.003	
			Ethylbenzene	ND	mg/Kg	0.003	0.0014	
			m,p-Xylene (sum)	ND	mg/Kg	0.0059	0.0059	
			o-Xylene	ND	mg/Kg	0.003	0.0025	
			Toluene	0.0073	mg/Kg	0.003	0.0028	
01NE31SS125	Surface Soil	AK102	DRO	64	mg/Kg	5	0.79	VLB
		AK103	RRO	210	mg/Kg	10	10	VJ
01NE31SS202	Surface Soil	SW8081	4,4'-DDD	ND	mg/Kg	0.0038	0.00017	
			4,4'-DDE	ND	mg/Kg	0.0056	0.00015	
			4,4'-DDT	ND	mg/Kg	0.12	0.00026	
			Aldrin	ND	mg/Kg	0.0019	0.000068	
			alpha-BHC	ND	mg/Kg	0.0019	0.0001	
			alpha-Chlordane	ND	mg/Kg	0.0019	0.000057	
			beta-BHC	ND	mg/Kg	0.0019	0.00011	
			delta-BHC	ND	mg/Kg	0.0019	0.000084	
			Dieldrin	ND	mg/Kg	0.035	0.00011	
			Endosulfan I	ND	mg/Kg	0.0019	0.0001	
			Endosulfan II	ND	mg/Kg	0.0038	0.00024	
			Endosulfan sulfate	ND	mg/Kg	0.18	0.00032	
			Endrin	ND	mg/Kg	0.0041	0.00011	
			Endrin aldehyde	ND	mg/Kg	0.04	0.00022	
			Endrin ketone	ND	mg/Kg	0.0038	0.00039	
			gamma-BHC (Lindane)	ND	mg/Kg	0.0019	0.00008	
			gamma-Chlordane	ND	mg/Kg	0.0019	0.000072	
			Heptachlor	ND	mg/Kg	0.0019	0.000084	
			Heptachlor epoxide	ND	mg/Kg	0.0019	0.000084	
			Methoxychlor	ND	mg/Kg	0.025	0.0011	
			PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.038	0.01	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.076	0.013	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.038	0.0052	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.038	0.0062	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.038	0.0041	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.038	0.012	
			PCB-1260 (Aroclor 1260)	4.8	mg/Kg	0.38	0.1	
			Toxaphene	ND	mg/Kg	0.19	0.0085	
01NE31SS205	Surface Soil	AK102	DRO	3700	mg/Kg	250	26	
		AK103	RRO	ND	mg/Kg	500	500	VQQ
01NE31SS220	Surface Soil	AK102	DRO	2200	mg/Kg	500	47	
		AK103	RRO	8200	mg/Kg	1000	1000	VJ
01NE31SS221	Surface Soil	AK101	GRO	ND	mg/Kg	7.16	2.48	
		AK102	DRO	39	mg/Kg	20	3.1	
		AK103	RRO	340	mg/Kg	40	40	VJ
		SW8260 SIM	Benzene	ND	mg/Kg	0.0035	0.0035	
			Ethylbenzene	ND	mg/Kg	0.0035	0.0017	
			m,p-Xylene (sum)	0.009	mg/Kg	0.0069	0.0069	
			o-Xylene	ND	mg/Kg	0.0035	0.0029	
			Toluene	0.014	mg/Kg	0.0035	0.0033	
01NE31SW101	Surface Water	AK101	GRO	ND	mg/L	0.25	0.1	
		AK102	DRO	ND	mg/L	0.25	0.02	
		AK103	RRO	ND	mg/L	0.5	0.5	VQQ
		SW6010B	Aluminum	0.05	mg/L	0.02	0.012	

Summary of Analytical Results Site 31
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE31SW101	Surface Water	SW6010B	Antimony	ND	mg/L	0.05	0.014	
			Barium	ND	mg/L	0.003	0.0004	
			Beryllium	ND	mg/L	0.001	0.0003	
			Cadmium	ND	mg/L	0.002	0.00084	
			Calcium	2.21	mg/L	0.05	0.0003	
			Chromium	ND	mg/L	0.005	0.0013	
			Cobalt	ND	mg/L	0.003	0.0006	
			Copper	ND	mg/L	0.002	0.002	
			Iron	0.03	mg/L	0.02	0.0063	
			Magnesium	0.85	mg/L	0.02	0.0084	
			Manganese	0.005	mg/L	0.001	0.0003	
			Nickel	ND	mg/L	0.01	0.0034	
			Potassium	ND	mg/L	0.5	0.38	
			Silver	ND	mg/L	0.003	0.0007	
			Sodium	4.17	mg/L	0.05	0.015	
			Vanadium	ND	mg/L	0.003	0.0017	
			Zinc	ND	mg/L	0.006	0.0029	
		SW7060A	Arsenic	ND	mg/L	0.001	0.00054	
		SW7421	Lead	ND	mg/L	0.001	0.00086	
		SW7470A	Mercury	ND	mg/L	0.0001	0.00003	
		SW7740	Selenium	ND	mg/L	0.002	0.00083	
		SW7841	Thallium	ND	mg/L	0.001	0.00081	
		SW8021	Benzene	ND	mg/L	0.001	0.0002	
			Ethylbenzene	ND	mg/L	0.001	0.00019	
			m,p-Xylene (sum)	ND	mg/L	0.001	0.00021	
			o-Xylene	ND	mg/L	0.001	0.00015	
			Toluene	ND	mg/L	0.001	0.0002	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/L	0.00005	0.00005	
			Acenaphthene	ND	mg/L	0.00005	0.00004	
			Acenaphthylene	ND	mg/L	0.00005	0.00005	
			Anthracene	ND	mg/L	0.00005	0.00002	
			Benzo(a)anthracene	ND	mg/L	0.00005	0.00002	
			Benzo(a)pyrene	ND	mg/L	0.00005	0.00001	
			Benzo(b)fluoranthene	ND	mg/L	0.00005	0.00002	
			Benzo(g,h,i)perylene	ND	mg/L	0.00005	0.00004	
			Benzo(k)fluoranthene	ND	mg/L	0.00005	0.00002	
			Chrysene	ND	mg/L	0.00005	0.00001	
			Dibenzo(a,h)anthracene	ND	mg/L	0.00005	0.00005	
			Dibenzofuran	ND	mg/L	0.00005	0.00005	
			Fluoranthene	ND	mg/L	0.00005	0.00005	
			Fluorene	ND	mg/L	0.00005	0.00005	
			Indeno(1,2,3-cd)pyrene	ND	mg/L	0.00005	0.00004	
			Naphthalene	ND	mg/L	0.00005	0.00005	
			Phenanthrene	ND	mg/L	0.00005	0.00004	
			Pyrene	ND	mg/L	0.00005	0.00005	
01NE31SW102	Surface Water	AK101	GRO	ND	mg/L	0.25	0.1	
		AK102	DRO	ND	mg/L	0.25	0.02	
		AK103	RRO	ND	mg/L	0.5	0.5	VQQ
		SW6010B	Aluminum	ND	mg/L	0.02	0.012	
			Antimony	ND	mg/L	0.05	0.014	
			Barium	0.003	mg/L	0.003	0.0004	
			Beryllium	ND	mg/L	0.001	0.0003	
			Cadmium	ND	mg/L	0.002	0.00084	
			Calcium	2.06	mg/L	0.05	0.0003	
			Chromium	ND	mg/L	0.005	0.0013	
			Cobalt	ND	mg/L	0.003	0.0006	
			Copper	ND	mg/L	0.002	0.002	

Summary of Analytical Results Site 31
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE31SW102	Surface Water	SW6010B	Iron	ND	mg/L	0.02	0.0063	
			Magnesium	0.8	mg/L	0.02	0.0084	
			Manganese	0.001	mg/L	0.001	0.0003	
			Nickel	ND	mg/L	0.01	0.0034	
			Potassium	ND	mg/L	0.5	0.38	
			Silver	ND	mg/L	0.003	0.0007	
			Sodium	4.09	mg/L	0.05	0.015	
			Vanadium	ND	mg/L	0.003	0.0017	
			Zinc	ND	mg/L	0.006	0.0029	
		SW7060A	Arsenic	ND	mg/L	0.001	0.00054	
		SW7421	Lead	ND	mg/L	0.001	0.00086	
		SW7470A	Mercury	ND	mg/L	0.0001	0.00003	
		SW7740	Selenium	ND	mg/L	0.002	0.00083	
		SW7841	Thallium	ND	mg/L	0.001	0.00081	
		SW8021	Benzene	ND	mg/L	0.001	0.0002	
			Ethylbenzene	ND	mg/L	0.001	0.00019	
			m,p-Xylene (sum)	ND	mg/L	0.001	0.00021	
			o-Xylene	ND	mg/L	0.001	0.00015	
			Toluene	ND	mg/L	0.001	0.0002	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/L	0.00005	0.00005	
			Acenaphthene	ND	mg/L	0.00005	0.00004	
			Acenaphthylene	ND	mg/L	0.00005	0.00005	
			Anthracene	ND	mg/L	0.00005	0.00002	
			Benzo(a)anthracene	ND	mg/L	0.00005	0.00002	
			Benzo(a)pyrene	ND	mg/L	0.00005	0.00001	
			Benzo(b)fluoranthene	ND	mg/L	0.00005	0.00002	
			Benzo(g,h,i)perylene	ND	mg/L	0.00005	0.00004	
			Benzo(k)fluoranthene	ND	mg/L	0.00005	0.00002	
			Chrysene	ND	mg/L	0.00005	0.00001	
			Dibenzo(a,h)anthracene	ND	mg/L	0.00005	0.00005	
			Dibenzofuran	ND	mg/L	0.00005	0.00005	
			Fluoranthene	ND	mg/L	0.00005	0.00005	
			Fluorene	ND	mg/L	0.00005	0.00005	
			Indeno(1,2,3-cd)pyrene	ND	mg/L	0.00005	0.00004	
			Naphthalene	ND	mg/L	0.00005	0.00005	
			Phenanthrene	ND	mg/L	0.00005	0.00004	
			Pyrene	ND	mg/L	0.00005	0.00005	

Key:
DRO - diesel range organics
MDL - method detection limit
mg/L - milligram per liter
mg/Kg - milligram per kilogram
MRL - method reporting limit
ND - not detected
RRO - residual range organics
SIM - selected ion monitoring
VB - The analyte was detected in the assoicated blank and the sample indicating possible contamination.
VJ - The analyte was positively identified; the quantitaion is an estimation.
VQQ - The practical quantation limit is approximate due to QC or matrix effects.

Summary of Analytical Results Site 32
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE32SS101	Surface Soil	AK102	DRO	7600	mg/Kg	1000	99	
		AK103	RRO	ND	mg/Kg	2000	2000	VQQ
01NE32SS102	Surface Soil	AK102	DRO	13000	mg/Kg	1000	100	
		AK103	RRO	ND	mg/Kg	2000	2000	VQQ
01NE32SS103	Surface Soil	AK102	DRO	230	mg/Kg	100	12	
		AK103	RRO	1100	mg/Kg	200	200	VJ
		SW8081	4,4'-DDD	ND	mg/Kg	0.0043	0.0002	
			4,4'-DDE	ND	mg/Kg	0.0043	0.00017	
			4,4'-DDT	ND	mg/Kg	0.0043	0.0003	
			Aldrin	ND	mg/Kg	0.0022	0.000078	
			alpha-BHC	ND	mg/Kg	0.0022	0.00012	
			alpha-Chlordane	ND	mg/Kg	0.0022	0.000065	
			beta-BHC	ND	mg/Kg	0.0022	0.00013	
			delta-BHC	ND	mg/Kg	0.0022	0.000095	
			Dieldrin	ND	mg/Kg	0.0043	0.00013	
			Endosulfan I	ND	mg/Kg	0.0022	0.00012	
			Endosulfan II	ND	mg/Kg	0.0043	0.00027	
			Endosulfan sulfate	ND	mg/Kg	0.0043	0.00036	
			Endrin	ND	mg/Kg	0.0043	0.00013	
			Endrin aldehyde	ND	mg/Kg	0.0043	0.00025	
			Endrin ketone	ND	mg/Kg	0.0043	0.00044	
			gamma-BHC (Lindane)	ND	mg/Kg	0.0022	0.000091	
			gamma-Chlordane	ND	mg/Kg	0.0022	0.000082	
			Heptachlor	ND	mg/Kg	0.0022	0.000095	
			Heptachlor epoxide	ND	mg/Kg	0.0022	0.000095	
			Methoxychlor	ND	mg/Kg	0.022	0.0013	
			PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.043	0.012	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.087	0.015	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.043	0.006	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.043	0.007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.043	0.0047	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.043	0.014	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.043	0.011	
			Toxaphene	ND	mg/Kg	0.22	0.0098	
01NE32SS104	Surface Soil	AK102	DRO	600	mg/Kg	100	9.3	
		AK103	RRO	1200	mg/Kg	200	200	VJ
		SW8081	4,4'-DDD	ND	mg/Kg	0.0035	0.00016	
			4,4'-DDE	ND	mg/Kg	0.0035	0.00014	
			4,4'-DDT	ND	mg/Kg	0.0086	0.00024	
			Aldrin	ND	mg/Kg	0.0017	0.000062	
			alpha-BHC	ND	mg/Kg	0.0017	0.000094	
			alpha-Chlordane	ND	mg/Kg	0.0017	0.000052	
			beta-BHC	ND	mg/Kg	0.0017	0.0001	
			delta-BHC	ND	mg/Kg	0.0017	0.000076	
			Dieldrin	ND	mg/Kg	0.0035	0.0001	
			Endosulfan I	ND	mg/Kg	0.0017	0.000094	
			Endosulfan II	ND	mg/Kg	0.0035	0.00022	
			Endosulfan sulfate	ND	mg/Kg	0.0088	0.00029	
			Endrin	ND	mg/Kg	0.0035	0.0001	
			Endrin aldehyde	ND	mg/Kg	0.0035	0.0002	
			Endrin ketone	ND	mg/Kg	0.0035	0.00035	
			gamma-BHC (Lindane)	ND	mg/Kg	0.0017	0.000073	
			gamma-Chlordane	ND	mg/Kg	0.0017	0.000066	
			Heptachlor	ND	mg/Kg	0.0017	0.000076	
			Heptachlor epoxide	ND	mg/Kg	0.0017	0.000076	
			Methoxychlor	ND	mg/Kg	0.017	0.001	

Summary of Analytical Results Site 32
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE32SS104	Surface Soil	SW8081	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.035	0.0093	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.069	0.012	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.035	0.0048	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.035	0.0056	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.035	0.0037	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.035	0.011	
			PCB-1260 (Aroclor 1260)	0.16	mg/Kg	0.035	0.0091	
			Toxaphene	ND	mg/Kg	0.17	0.0078	
01NE32SS105	Surface Soil	AK102	DRO	1000	mg/Kg	100	9.7	
		AK103	RRO	3600	mg/Kg	200	200	VJ
		SW8081	4,4'-DDD	ND	mg/Kg	0.0036	0.00016	VQQ
			4,4'-DDE	ND	mg/Kg	0.0036	0.00014	VQQ
			4,4'-DDT	ND	mg/Kg	0.037	0.00025	VQQ
			Aldrin	ND	mg/Kg	0.0018	0.000065	VQQ
			alpha-BHC	ND	mg/Kg	0.0018	0.000097	VQQ
			alpha-Chlordane	ND	mg/Kg	0.0018	0.000054	VQQ
			beta-BHC	ND	mg/Kg	0.0018	0.00011	VQQ
			delta-BHC	ND	mg/Kg	0.0018	0.000079	VQQ
			Dieldrin	ND	mg/Kg	0.011	0.00011	VQQ
			Endosulfan I	ND	mg/Kg	0.0018	0.000097	VQQ
			Endosulfan II	ND	mg/Kg	0.0036	0.00022	VQQ
			Endosulfan sulfate	ND	mg/Kg	0.0073	0.0003	VQQ
			Endrin	ND	mg/Kg	0.0036	0.00011	VQQ
			Endrin aldehyde	ND	mg/Kg	0.0078	0.00021	VQQ
			Endrin ketone	ND	mg/Kg	0.0036	0.00037	VQQ
			gamma-BHC (Lindane)	ND	mg/Kg	0.0018	0.000076	VQQ
			gamma-Chlordane	ND	mg/Kg	0.0028	0.000068	VQQ
			Heptachlor	ND	mg/Kg	0.0018	0.000079	VQQ
			Heptachlor epoxide	ND	mg/Kg	0.0018	0.000079	VQQ
			Methoxychlor	ND	mg/Kg	0.0031	0.0011	VQQ
			PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.036	0.0096	VQQ
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.072	0.012	VQQ
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.036	0.005	VQQ
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.036	0.0058	VQQ
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.036	0.0039	VQQ
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.036	0.012	VQQ
			PCB-1260 (Aroclor 1260)	0.89	mg/Kg	0.036	0.0094	VLB
			Toxaphene	ND	mg/Kg	0.18	0.0081	VQQ

Key:
DRO - diesel range organics
MDL - method detection limit
mg/L - milligram per liter
mg/Kg - milligram per kilogram
MRL - method reporting limit
ND - not detected
RRO - residual range organics
SIM - selected ion monitoring
VB - The analyte was detected in the assoicated blank and the sample indicating possible contamination.
VJ - The analyte was positively identified; the quantitaion is an estimation.
VQQ - The practical quantation limit is approximate due to QC or matrix effects.

Summary of Analytical Results Site 22
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE35GW101	Ground Water	A2320B	Alkalinity, Total	35	MGCACO3/L	1	1	
		AK101	GRO	ND	mg/L	0.25	0.1	
		AK102	DRO	ND	mg/L	0.25	0.02	
		AK103	RRO	ND	mg/L	0.5	0.5	VQQ
		E300	Chloride	14	mg/L	0.5	0.5	
		E300	Sulfate	19.6	mg/L	0.5	0.5	
		E350.1	Nitrogen, Ammonia (as N)	0.12	mg/L	0.01	0.01	
		E351.4	Nitrogen, Kjeldahl, Total	0.5	mg/L	0.2	0.1	
		E353.2	Nitrogen, Nitrate-Nitrite	0.13	mg/L	0.01	0.01	
		E376.2	Sulfide	ND	mg/L	0.05	0.05	
		E410.4	Chemical Oxygen Demand	ND	mg/L	5	5	
		SW6010B	dissolved Iron	ND	mg/L	0.02	0.0063	
			Iron	10.4	mg/L	0.02	0.0063	
			dissolved Manganese	0.089	mg/L	0.001	0.0003	
			Manganese	0.161	mg/L	0.001	0.0003	
		SW8260	Benzene	ND	mg/L	0.001	0.00043	
			Ethylbenzene	ND	mg/L	0.001	0.00035	
			m,p-Xylene (sum)	ND	mg/L	0.001	0.00061	
			o-Xylene	ND	mg/L	0.001	0.00035	
			Toluene	ND	mg/L	0.001	0.00042	
01NE35GW102	Ground Water	A2320B	Alkalinity, Total	6	MGCACO3/L	1	1	
		AK101	GRO	ND	mg/L	0.25	0.1	
		AK102	DRO	1.4	mg/L	0.25	0.02	
		AK103	RRO	2.8	mg/L	0.5	0.5	VJ
		E150.1	pH	6.1	PH UNITS	0.05	0.05	
		E300	Chloride	11.2	mg/L	0.4	0.4	
			Sulfate	14.2	mg/L	0.4	0.4	
		E350.1	Nitrogen, Ammonia (as N)	0.13	mg/L	0.01	0.01	
		E351.4	Nitrogen, Kjeldahl, Total	0.5	mg/L	0.2	0.1	
		E353.2	Nitrogen, Nitrate-Nitrite	0.19	mg/L	0.01	0.01	
		E376.2	Sulfide	ND	mg/L	0.05	0.05	
		E410.4	Chemical Oxygen Demand	28	mg/L	5	5	
		SW6010B	dissolved Iron	1.79	mg/L	0.02	0.0063	
			Iron	45.3	mg/L	0.02	0.0063	
			Manganese	0.204	mg/L	0.001	0.0003	
			dissolved Manganese	0.165	mg/L	0.001	0.0003	
		SW8260	Benzene	ND	mg/L	0.001	0.00043	
			Ethylbenzene	ND	mg/L	0.001	0.00035	
			m,p-Xylene (sum)	ND	mg/L	0.001	0.00061	
			o-Xylene	ND	mg/L	0.001	0.00035	
			Toluene	ND	mg/L	0.001	0.00042	
01NE35GW103	Ground Water	A2320B	Alkalinity, Total	22	MGCACO3/L	1	1	
		AK101	GRO	ND	mg/L	0.25	0.1	
		AK102	DRO	ND	mg/L	0.25	0.02	
		AK103	RRO	ND	mg/L	0.5	0.5	VQQ
		E300	Chloride	7.5	mg/L	0.2	0.2	
		E300	Sulfate	8.6	mg/L	0.2	0.2	
		E350.1	Nitrogen, Ammonia (as N)	ND	mg/L	0.01	0.01	
		E351.4	Nitrogen, Kjeldahl, Total	0.3	mg/L	0.2	0.1	
		E353.2	Nitrogen, Nitrate-Nitrite	0.24	mg/L	0.01	0.01	
		E376.2	Sulfide	ND	mg/L	0.05	0.05	
		E410.4	Chemical Oxygen Demand	ND	mg/L	5	5	
		SW6010B	dissolved Iron	ND	mg/L	0.02	0.0063	
			Iron	2.78	mg/L	0.02	0.0063	
			Manganese	0.122	mg/L	0.001	0.0003	
			dissolved Manganese	0.092	mg/L	0.001	0.0003	
		SW8260	Benzene	ND	mg/L	0.001	0.00043	
			Ethylbenzene	ND	mg/L	0.001	0.00035	

Summary of Analytical Results Site 22
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE35GW103	Ground Water	SW8260	m,p-Xylene (sum)	ND	mg/L	0.001	0.00061	
			o-Xylene	ND	mg/L	0.001	0.00035	
			Toluene	ND	mg/L	0.001	0.00042	
01NE35GW104	Ground Water	A2320B	Alkalinity, Total	16	MGCACO3/L	1	1	
		AK101	GRO	ND	mg/L	0.25	0.1	
		AK102	DRO	ND	mg/L	0.25	0.02	
		AK103	RRO	ND	mg/L	0.5	0.5	VQQ
		E300	Chloride	7.8	mg/L	0.2	0.2	
			Sulfate	6.2	mg/L	0.2	0.2	
		E350.1	Nitrogen, Ammonia (as N)	0.021	mg/L	0.01	0.01	
		E351.4	Nitrogen, Kjeldahl, Total	0.3	mg/L	0.2	0.1	
		E353.2	Nitrogen, Nitrate-Nitrite	0.07	mg/L	0.01	0.01	
		E376.2	Sulfide	ND	mg/L	0.05	0.05	
		E410.4	Chemical Oxygen Demand	ND	mg/L	5	5	
		SW6010B	dissolved Iron	0.33	mg/L	0.02	0.0063	
			Iron	9.18	mg/L	0.02	0.0063	
			dissolved Manganese	0.105	mg/L	0.001	0.0003	
			Manganese	0.165	mg/L	0.001	0.0003	
		SW8260	Benzene	ND	mg/L	0.001	0.00043	
			Ethylbenzene	ND	mg/L	0.001	0.00035	
			m,p-Xylene (sum)	ND	mg/L	0.001	0.00061	
			o-Xylene	ND	mg/L	0.001	0.00035	
			Toluene	ND	mg/L	0.001	0.00042	
01NE35GW201	Ground Water	AK101	GRO	ND	mg/L	0.25	0.1	
		AK102	DRO	ND	mg/L	0.25	0.02	
		AK103	RRO	ND	mg/L	0.5	0.5	VQQ
		SW8260	Benzene	ND	mg/L	0.001	0.00043	
			Ethylbenzene	ND	mg/L	0.001	0.00035	
			m,p-Xylene (sum)	ND	mg/L	0.001	0.00061	
			o-Xylene	ND	mg/L	0.001	0.00035	
			Toluene	ND	mg/L	0.001	0.00042	

Key:
DRO - diesel range organics
MDL - method detection limit
mg/L - milligram per liter
mg/Kg - milligram per kilogram
MRL - method reporting limit
ND - not detected
RRO - residual range organics
SIM - selected ion monitoring
VB - The analyte was detected in the assoicated blank and the sample indicating possible contamination.
VJ - The analyte was positively identified; the quantitaion is an estimation.
VQQ - The practical quantation limit is approximate due to QC or matrix effects.

Summary of Analytical Results Site 28
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28FT101 Blackfish	Fish Tissue	E160.1	Total Lipids	0.95	PERCENT	0.05	0.05	
		E200.8	Antimony	0.007	mg/Kg	0.013	0.005	VJ
			Arsenic	0.08	mg/Kg	0.13	0.05	VJ
			Barium	1.07	mg/Kg	0.005	0.005	
			Cadmium	0.008	mg/Kg	0.013	0.005	VJ
			Lead	0.02	mg/Kg	0.005	0.003	
			Nickel	1.11	mg/Kg	0.05	0.01	
			Silver	ND	mg/Kg	0.005	0.005	
			Vanadium	0.106	mg/Kg	0.051	0.005	
			Zinc	51	mg/Kg	0.13	0.02	
		SW6010B	Chromium	ND	mg/Kg	0.1	0.1	
			Copper	0.64	mg/Kg	0.26	0.05	
		SW7471A	Mercury	0.098	mg/Kg	0.004	0.002	
		SW7741	Selenium	0.16	mg/Kg	0.05	0.02	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	0.14	mg/Kg	0.002	0.0007	
		SW8270 SIM	2-Methylnaphthalene	0.19	mg/Kg	0.005	0.0024	
			Acenaphthene	0.026	mg/Kg	0.005	0.0012	
			Anthracene	ND	mg/Kg	0.005	0.0015	
			Benzo(a)anthracene	ND	mg/Kg	0.005	0.0012	
			Benzo(a)pyrene	ND	mg/Kg	0.005	0.002	
			Benzo(b)fluoranthene	ND	mg/Kg	0.005	0.0012	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.005	0.0014	
			Benzo(k)fluoranthene	ND	mg/Kg	0.005	0.0018	
			Chrysene	ND	mg/Kg	0.005	0.0018	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.005	0.0016	
			Fluoranthene	0.0037	mg/Kg	0.005	0.0014	VJ
			Fluorene	0.067	mg/Kg	0.005	0.0011	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.005	0.0005	
			Naphthalene	0.068	mg/Kg	0.005	0.0018	
			Phenanthrene	0.018	mg/Kg	0.005	0.0014	
			Pyrene	0.0023	mg/Kg	0.005	0.0015	VJ
01NE28FT102 Blackfish	Fish Tissue	E160.1	Total Lipids	0.89	PERCENT	0.05	0.05	
		E200.8	Antimony	0.005	mg/Kg	0.011	0.005	VJ
			Arsenic	0.06	mg/Kg	0.11	0.05	VJ
			Barium	1.1	mg/Kg	0.005	0.005	
			Cadmium	0.008	mg/Kg	0.011	0.005	VJ
			Lead	0.011	mg/Kg	0.005	0.002	
			Nickel	0.63	mg/Kg	0.05	0.01	
			Silver	ND	mg/Kg	0.005	0.005	
			Vanadium	0.099	mg/Kg	0.045	0.005	
			Zinc	44	mg/Kg	0.11	0.02	
		SW6010B	Chromium	ND	mg/Kg	0.1	0.1	
			Copper	0.7	mg/Kg	0.23	0.05	
		SW7471A	Mercury	0.082	mg/Kg	0.004	0.002	
		SW7741	Selenium	0.13	mg/Kg	0.05	0.01	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	0.1	mg/Kg	0.002	0.0007	
		SW8270 SIM	2-Methylnaphthalene	0.0053	mg/Kg	0.005	0.0024	

Summary of Analytical Results Site 28
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28FT102 Blackfish	Fish Tissue	SW8270 SIM	Acenaphthene	0.0063	mg/Kg	0.005	0.0012	
			Anthracene	ND	mg/Kg	0.005	0.0015	
			Benzo(a)anthracene	ND	mg/Kg	0.005	0.0012	
			Benzo(a)pyrene	ND	mg/Kg	0.005	0.002	
			Benzo(b)fluoranthene	ND	mg/Kg	0.005	0.0012	
			Benzo(g,h,i)perylene	0.0043	mg/Kg	0.005	0.0014	VJ
			Benzo(k)fluoranthene	ND	mg/Kg	0.005	0.0018	
			Chrysene	ND	mg/Kg	0.005	0.0018	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.005	0.0016	
			Fluoranthene	ND	mg/Kg	0.005	0.0014	
			Fluorene	0.036	mg/Kg	0.005	0.0011	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.005	0.0005	
			Naphthalene	ND	mg/Kg	0.005	0.0018	
			Phenanthrene	0.009	mg/Kg	0.005	0.0014	
			Pyrene	ND	mg/Kg	0.005	0.0015	
01NE28FT103 Blackfish	Fish Tissue	E160.1	Total Lipids	1.05	PERCENT	0.05	0.05	
		E200.8	Antimony	0.005	mg/Kg	0.012	0.005	VJ
			Arsenic	0.07	mg/Kg	0.12	0.05	VJ
			Barium	1.04	mg/Kg	0.005	0.005	
			Cadmium	0.008	mg/Kg	0.012	0.005	VJ
			Lead	0.028	mg/Kg	0.005	0.002	
			Nickel	0.93	mg/Kg	0.05	0.01	
			Silver	ND	mg/Kg	0.005	0.005	
			Vanadium	0.102	mg/Kg	0.047	0.005	
			Zinc	43.3	mg/Kg	0.12	0.02	
		SW6010B	Chromium	ND	mg/Kg	0.1	0.1	
			Copper	1.19	mg/Kg	0.23	0.05	
		SW7471A	Mercury	0.076	mg/Kg	0.004	0.002	
		SW7741	Selenium	0.14	mg/Kg	0.05	0.01	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	0.06	mg/Kg	0.002	0.0007	
		SW8270 SIM	2-Methylnaphthalene	0.089	mg/Kg	0.005	0.0024	
			Acenaphthene	0.014	mg/Kg	0.005	0.0012	
			Anthracene	ND	mg/Kg	0.005	0.0015	
			Benzo(a)anthracene	ND	mg/Kg	0.005	0.0012	
			Benzo(a)pyrene	ND	mg/Kg	0.005	0.002	
			Benzo(b)fluoranthene	ND	mg/Kg	0.005	0.0012	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.005	0.0014	
			Benzo(k)fluoranthene	ND	mg/Kg	0.005	0.0018	
			Chrysene	ND	mg/Kg	0.005	0.0018	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.005	0.0016	
			Fluoranthene	0.0015	mg/Kg	0.005	0.0014	VJ
			Fluorene	0.042	mg/Kg	0.005	0.0011	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.005	0.0005	
			Naphthalene	0.025	mg/Kg	0.005	0.0018	
			Phenanthrene	0.0062	mg/Kg	0.005	0.0014	
			Pyrene	0.0018	mg/Kg	0.005	0.0015	VJ
01NE28PT1101	Plant Tissue	SW6010B	Chromium	0.12	mg/Kg	0.05	0.04	
		SW6020	Arsenic	0.18	mg/Kg	0.05	0.02	
			Barium	5.03	mg/Kg	0.002	0.002	
			Cadmium	0.005	mg/Kg	0.005	0.002	
			Copper	0.775	mg/Kg	0.019	0.003	
			Lead	0.133	mg/Kg	0.002	0.001	
			Nickel	0.147	mg/Kg	0.019	0.003	

Summary of Analytical Results Site 28
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28PT1101	Plant Tissue	SW6020	Silver	ND	mg/Kg	0.002	0.002	
			Vanadium	0.22	mg/Kg	0.019	0.002	
			Zinc	3.51	mg/Kg	0.05	0.01	
		SW7471A	Mercury	0.009	mg/Kg	0.002	0.001	
		SW7741	Selenium	0.02	mg/Kg	0.02	0.01	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	0.08	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	0.038	mg/Kg	0.002	0.0007	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.01	0.0048	
			Acenaphthene	0.006	mg/Kg	0.01	0.0024	VJ
			Anthracene	ND	mg/Kg	0.01	0.003	
			Benzo(a)anthracene	ND	mg/Kg	0.01	0.0024	
			Benzo(a)pyrene	ND	mg/Kg	0.01	0.004	
			Benzo(b)fluoranthene	ND	mg/Kg	0.01	0.0024	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.01	0.0028	
			Benzo(k)fluoranthene	ND	mg/Kg	0.01	0.0036	
			Chrysene	0.0059	mg/Kg	0.01	0.0036	VJ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.01	0.0032	
			Fluoranthene	0.028	mg/Kg	0.01	0.0028	
			Fluorene	0.0088	mg/Kg	0.01	0.0022	VJ
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.01	0.0011	
			Naphthalene	0.0043	mg/Kg	0.01	0.0036	VJ
			Phenanthrene	0.056	mg/Kg	0.01	0.0028	
			Pyrene	0.017	mg/Kg	0.01	0.003	
01NE28PT1102	Plant Tissue	SW6010B	Chromium	1.5	mg/Kg	0.18	0.14	
		SW6020	Arsenic	0.77	mg/Kg	0.18	0.07	
			Barium	29.8	mg/Kg	0.007	0.007	
			Cadmium	0.063	mg/Kg	0.018	0.007	
			Copper	6.54	mg/Kg	0.072	0.011	
			Lead	1.3	mg/Kg	0.007	0.004	
			Nickel	1.11	mg/Kg	0.072	0.011	
			Silver	0.009	mg/Kg	0.007	0.007	
			Vanadium	1.48	mg/Kg	0.072	0.007	
			Zinc	30.6	mg/Kg	0.18	0.03	
		SW7471A	Mercury	0.061	mg/Kg	0.009	0.005	
		SW7741	Selenium	0.12	mg/Kg	0.07	0.02	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	0.035	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	0.021	mg/Kg	0.002	0.0007	
		SW8270 SIM	2-Methylnaphthalene	0.01	mg/Kg	0.005	0.0024	
			Acenaphthene	0.011	mg/Kg	0.005	0.0012	
			Anthracene	0.0077	mg/Kg	0.005	0.0015	
			Benzo(a)anthracene	0.011	mg/Kg	0.005	0.0012	
			Benzo(a)pyrene	0.0089	mg/Kg	0.005	0.002	
			Benzo(b)fluoranthene	0.017	mg/Kg	0.005	0.0012	
			Benzo(g,h,i)perylene	0.0049	mg/Kg	0.005	0.0014	VJ
			Benzo(k)fluoranthene	0.014	mg/Kg	0.005	0.0018	
			Chrysene	0.039	mg/Kg	0.005	0.0018	
			Dibenzo(a,h)anthracene	0.0017	mg/Kg	0.005	0.0016	VJ
			Fluoranthene	0.19	mg/Kg	0.005	0.0014	
			Fluorene	0.015	mg/Kg	0.005	0.0011	

Summary of Analytical Results Site 28
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28PT1102	Plant Tissue	SW8270 SIM	Indeno(1,2,3-cd)pyrene	0.006	mg/Kg	0.005	0.0005	
			Naphthalene	0.011	mg/Kg	0.005	0.0018	
			Phenanthrene	0.25	mg/Kg	0.005	0.0014	
			Pyrene	0.12	mg/Kg	0.005	0.0015	
01NE28PT2101	Plant Tissue	SW6010B	Chromium	0.43	mg/Kg	0.1	0.08	
		SW6020	Arsenic	0.23	mg/Kg	0.1	0.04	
			Barium	11.5	mg/Kg	0.004	0.004	
			Cadmium	0.085	mg/Kg	0.01	0.004	
			Copper	1.69	mg/Kg	0.041	0.006	
			Lead	0.794	mg/Kg	0.004	0.002	
			Nickel	0.368	mg/Kg	0.041	0.006	
			Silver	ND	mg/Kg	0.004	0.004	
			Vanadium	0.362	mg/Kg	0.041	0.004	
			Zinc	67.5	mg/Kg	0.51	0.08	
		SW7471A	Mercury	0.03	mg/Kg	0.005	0.002	
		SW7741	Selenium	ND	mg/Kg	0.04	0.01	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	0.014	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	0.019	mg/Kg	0.002	0.0007	
		SW8270 SIM	2-Methylnaphthalene	0.0054	mg/Kg	0.005	0.0024	
			Acenaphthene	0.0064	mg/Kg	0.005	0.0012	
			Anthracene	0.0029	mg/Kg	0.005	0.0015	VJ
			Benzo(a)anthracene	0.0028	mg/Kg	0.005	0.0012	VJ
			Benzo(a)pyrene	0.0022	mg/Kg	0.005	0.002	VJ
			Benzo(b)fluoranthene	0.0094	mg/Kg	0.005	0.0012	
			Benzo(g,h,i)perylene	0.0018	mg/Kg	0.005	0.0014	VJ
			Benzo(k)fluoranthene	0.008	mg/Kg	0.005	0.0018	
			Chrysene	0.02	mg/Kg	0.005	0.0018	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.005	0.0016	
			Fluoranthene	0.086	mg/Kg	0.005	0.0014	
			Fluorene	0.0093	mg/Kg	0.005	0.0011	
			Indeno(1,2,3-cd)pyrene	0.0033	mg/Kg	0.005	0.0005	VJ
			Naphthalene	0.0061	mg/Kg	0.005	0.0018	
			Phenanthrene	0.087	mg/Kg	0.005	0.0014	
			Pyrene	0.05	mg/Kg	0.005	0.0015	
01NE28PT2102	Plant Tissue	SW6010B	Chromium	0.3	mg/Kg	0.21	0.16	
		SW6020	Arsenic	ND	mg/Kg	0.21	0.08	
			Barium	15.4	mg/Kg	0.008	0.008	
			Cadmium	0.103	mg/Kg	0.021	0.008	
			Copper	1.92	mg/Kg	0.083	0.013	
			Lead	0.16	mg/Kg	0.008	0.004	
			Nickel	0.34	mg/Kg	0.083	0.013	
			Silver	ND	mg/Kg	0.008	0.008	
			Vanadium	0.034	mg/Kg	0.083	0.008	VJ
			Zinc	76.1	mg/Kg	0.21	0.03	
		SW7471A	Mercury	0.005	mg/Kg	0.009	0.005	VJ
		SW7741	Selenium	ND	mg/Kg	0.08	0.03	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.0073	0.0026	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.015	0.0026	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.0073	0.0026	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.0073	0.0026	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.0073	0.0026	
			PCB-1254 (Aroclor 1254)	0.0061	mg/Kg	0.0073	0.0026	VJ
			PCB-1260 (Aroclor 1260)	0.0054	mg/Kg	0.0073	0.0026	
		SW8270 SIM	2-Methylnaphthalene	0.0051	mg/Kg	0.011	0.0049	VLB

Summary of Analytical Results Site 28
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28PT2102	Plant Tissue	SW8270 SIM	Acenaphthene	0.0038	mg/Kg	0.011	0.0025	VLB
			Anthracene	0.0052	mg/Kg	0.011	0.0031	VLB
			Benzo(a)anthracene	0.0045	mg/Kg	0.011	0.0025	VLB
			Benzo(a)pyrene	ND	mg/Kg	0.011	0.0041	VQQ
			Benzo(b)fluoranthene	0.0037	mg/Kg	0.011	0.0025	VLB
			Benzo(g,h,i)perylene	ND	mg/Kg	0.011	0.0029	VQQ
			Benzo(k)fluoranthene	ND	mg/Kg	0.011	0.0037	VQQ
			Chrysene	0.005	mg/Kg	0.011	0.0037	VLB
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.011	0.0033	VQQ
			Fluoranthene	0.033	mg/Kg	0.011	0.0029	VLB
			Fluorene	0.0063	mg/Kg	0.011	0.0023	VLB
			Indeno(1,2,3-cd)pyrene	0.0027	mg/Kg	0.011	0.0011	VLB
			Naphthalene	0.0051	mg/Kg	0.011	0.0037	VLB
			Phenanthrene	0.046	mg/Kg	0.011	0.0029	VLB
			Pyrene	0.019	mg/Kg	0.011	0.0031	VLB
01NE28PT3101	Plant Tissue	SW6010B	Chromium	0.52	mg/Kg	0.39	0.32	
		SW6020	Arsenic	ND	mg/Kg	0.41	0.17	
			Barium	3.65	mg/Kg	0.017	0.017	
			Cadmium	0.039	mg/Kg	0.041	0.017	VJ
			Copper	1.33	mg/Kg	0.165	0.025	
			Lead	1.31	mg/Kg	0.017	0.008	
			Nickel	0.26	mg/Kg	0.165	0.025	
			Silver	ND	mg/Kg	0.016	0.016	
			Vanadium	0.201	mg/Kg	0.165	0.017	
			Zinc	15.8	mg/Kg	0.41	0.07	
		SW7471A	Mercury	0.12	mg/Kg	0.018	0.009	
		SW7741	Selenium	0.07	mg/Kg	0.17	0.05	VJ
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	0.013	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	0.021	mg/Kg	0.002	0.0007	
		SW8270 SIM	2-Methylnaphthalene	0.0046	mg/Kg	0.005	0.0024	VLB
			Acenaphthene	0.0017	mg/Kg	0.005	0.0012	VLB
			Anthracene	0.0019	mg/Kg	0.005	0.0015	VLB
			Benzo(a)anthracene	ND	mg/Kg	0.005	0.0012	VQQ
			Benzo(a)pyrene	ND	mg/Kg	0.005	0.002	VQQ
			Benzo(b)fluoranthene	0.003	mg/Kg	0.005	0.0012	VLB
			Benzo(g,h,i)perylene	ND	mg/Kg	0.005	0.0014	VQQ
			Benzo(k)fluoranthene	0.0031	mg/Kg	0.005	0.0018	VLB
			Chrysene	0.0074	mg/Kg	0.005	0.0018	VLB
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.005	0.0016	VQQ
			Fluoranthene	0.049	mg/Kg	0.005	0.0014	VLB
			Fluorene	0.005	mg/Kg	0.005	0.0011	VLB
			Indeno(1,2,3-cd)pyrene	0.0013	mg/Kg	0.005	0.0005	VLB
			Naphthalene	0.0044	mg/Kg	0.005	0.0018	VLB
			Phenanthrene	0.062	mg/Kg	0.005	0.0014	VLB
			Pyrene	0.026	mg/Kg	0.005	0.0015	VLB
01NE28PT3102	Plant Tissue	SW6010B	Chromium	0.88	mg/Kg	0.46	0.36	
		SW6020	Arsenic	ND	mg/Kg	0.43	0.17	
			Barium	2.44	mg/Kg	0.017	0.017	
			Cadmium	0.064	mg/Kg	0.043	0.017	
			Copper	1.46	mg/Kg	0.172	0.026	
			Lead	0.955	mg/Kg	0.017	0.009	
			Nickel	0.244	mg/Kg	0.172	0.026	
			Silver	ND	mg/Kg	0.018	0.018	
			Vanadium	0.107	mg/Kg	0.172	0.017	

Summary of Analytical Results Site 28
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28PT3102	Plant Tissue	SW6020	Zinc	21.5	mg/Kg	0.43	0.07	
		SW7471A	Mercury	0.099	mg/Kg	0.029	0.015	
		SW7741	Selenium	0.27	mg/Kg	0.17	0.05	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.029	0.014	
			Acenaphthene	ND	mg/Kg	0.029	0.007	
			Anthracene	ND	mg/Kg	0.029	0.0087	
			Benzo(a)anthracene	ND	mg/Kg	0.029	0.007	
			Benzo(a)pyrene	ND	mg/Kg	0.029	0.012	
			Benzo(b)fluoranthene	ND	mg/Kg	0.029	0.007	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.029	0.0081	
			Benzo(k)fluoranthene	ND	mg/Kg	0.029	0.011	
			Chrysene	ND	mg/Kg	0.029	0.011	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.029	0.0093	
			Fluoranthene	0.056	mg/Kg	0.029	0.0081	
			Fluorene	0.011	mg/Kg	0.029	0.0064	VJ
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.029	0.0031	
			Naphthalene	ND	mg/Kg	0.029	0.011	
			Phenanthrene	0.091	mg/Kg	0.029	0.0081	
			Pyrene	0.029	mg/Kg	0.029	0.0087	
01NE28PT3103	Plant Tissue	SW6010B	Chromium	0.78	mg/Kg	0.11	0.08	
		SW6020	Arsenic	0.06	mg/Kg	0.11	0.04	
			Barium	10.1	mg/Kg	0.004	0.004	
			Cadmium	0.045	mg/Kg	0.011	0.004	
			Copper	1.33	mg/Kg	0.043	0.006	
			Lead	0.358	mg/Kg	0.004	0.002	
			Nickel	0.249	mg/Kg	0.043	0.006	
			Silver	ND	mg/Kg	0.004	0.004	
			Vanadium	0.133	mg/Kg	0.043	0.004	
			Zinc	12.7	mg/Kg	0.11	0.02	
		SW7471A	Mercury	0.01	mg/Kg	0.005	0.002	
		SW7741	Selenium	0.02	mg/Kg	0.04	0.01	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.064	0.023	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.13	0.023	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.064	0.023	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.064	0.023	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.064	0.023	
			PCB-1254 (Aroclor 1254)	0.075	mg/Kg	0.064	0.023	
			PCB-1260 (Aroclor 1260)	0.61	mg/Kg	0.064	0.023	
		SW8270 SIM	2-Methylnaphthalene	0.0075	mg/Kg	0.012	0.0055	VJ
			Acenaphthene	0.0091	mg/Kg	0.012	0.0028	VJ
			Anthracene	0.0036	mg/Kg	0.012	0.0034	VJ
			Benzo(a)anthracene	ND	mg/Kg	0.012	0.0028	
			Benzo(a)pyrene	ND	mg/Kg	0.012	0.0046	
			Benzo(b)fluoranthene	0.0077	mg/Kg	0.012	0.0028	VJ
			Benzo(g,h,i)perylene	ND	mg/Kg	0.012	0.0032	
			Benzo(k)fluoranthene	0.04	mg/Kg	0.012	0.0041	
			Chrysene	0.019	mg/Kg	0.012	0.0041	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.012	0.0037	
			Fluoranthene	0.095	mg/Kg	0.012	0.0032	
			Fluorene	0.011	mg/Kg	0.012	0.0025	VJ
			Indeno(1,2,3-cd)pyrene	0.0035	mg/Kg	0.012	0.0012	VJ
			Naphthalene	0.01	mg/Kg	0.012	0.0041	
			Phenanthrene	0.097	mg/Kg	0.012	0.0032	
			Pyrene	0.056	mg/Kg	0.012	0.0034	
01NE28PT3104	Plant Tissue	SW6010B	Chromium	1.72	mg/Kg	0.17	0.14	
		SW6020	Arsenic	2.14	mg/Kg	0.17	0.07	
			Barium	21.4	mg/Kg	0.007	0.007	
			Cadmium	0.042	mg/Kg	0.017	0.007	
			Copper	1.43	mg/Kg	0.067	0.01	

Summary of Analytical Results Site 28
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28PT3104	Plant Tissue	SW6020	Lead	1.2	mg/Kg	0.007	0.003	
			Nickel	0.634	mg/Kg	0.067	0.01	
			Silver	0.015	mg/Kg	0.007	0.007	
			Vanadium	1.21	mg/Kg	0.067	0.007	
			Zinc	7.68	mg/Kg	0.17	0.03	
		SW7471A	Mercury	0.021	mg/Kg	0.008	0.004	
		SW7741	Selenium	0.1	mg/Kg	0.07	0.02	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	0.022	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	0.04	mg/Kg	0.002	0.0007	
		SW8270 SIM	2-Methylnaphthalene	0.0079	mg/Kg	0.005	0.0024	
			Acenaphthene	0.0064	mg/Kg	0.005	0.0012	
			Anthracene	0.0028	mg/Kg	0.005	0.0015	VJ
			Benzo(a)anthracene	0.0042	mg/Kg	0.005	0.0012	VJ
			Benzo(a)pyrene	0.0036	mg/Kg	0.005	0.002	VJ
			Benzo(b)fluoranthene	0.0084	mg/Kg	0.005	0.0012	
			Benzo(g,h,i)perylene	0.0026	mg/Kg	0.005	0.0014	VJ
			Benzo(k)fluoranthene	0.0077	mg/Kg	0.005	0.0018	
			Chrysene	0.018	mg/Kg	0.005	0.0018	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.005	0.0016	
			Fluoranthene	0.079	mg/Kg	0.005	0.0014	
			Fluorene	0.0082	mg/Kg	0.005	0.0011	
			Indeno(1,2,3-cd)pyrene	0.0034	mg/Kg	0.005	0.0005	VJ
			Naphthalene	0.0088	mg/Kg	0.005	0.0018	
			Phenanthrene	0.083	mg/Kg	0.005	0.0014	
			Pyrene	0.048	mg/Kg	0.005	0.0015	
01NE28PT4101	Plant Tissue	SW6010B	Chromium	0.68	mg/Kg	0.05	0.04	
		SW6020	Arsenic	0.12	mg/Kg	0.05	0.02	
			Barium	3.71	mg/Kg	0.002	0.002	
			Cadmium	0.026	mg/Kg	0.005	0.002	
			Copper	0.535	mg/Kg	0.018	0.003	
			Lead	6.17	mg/Kg	0.002	0.001	
			Nickel	0.235	mg/Kg	0.018	0.003	
			Silver	0.007	mg/Kg	0.002	0.002	
			Vanadium	0.287	mg/Kg	0.018	0.002	
			Zinc	14.8	mg/Kg	0.05	0.01	
		SW7471A	Mercury	0.008	mg/Kg	0.002	0.001	
		SW7741	Selenium	0.03	mg/Kg	0.02	0.01	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.02	0.007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.04	0.007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.02	0.007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.02	0.007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.02	0.007	
			PCB-1254 (Aroclor 1254)	0.46	mg/Kg	0.02	0.007	
			PCB-1260 (Aroclor 1260)	0.92	mg/Kg	0.02	0.007	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.01	0.0048	
			Acenaphthene	ND	mg/Kg	0.01	0.0024	
			Anthracene	0.0035	mg/Kg	0.01	0.003	VJ
			Benzo(a)anthracene	0.0071	mg/Kg	0.01	0.0024	VJ
			Benzo(a)pyrene	0.0093	mg/Kg	0.01	0.004	VJ
			Benzo(b)fluoranthene	0.024	mg/Kg	0.01	0.0024	
			Benzo(g,h,i)perylene	0.0098	mg/Kg	0.01	0.0028	VJ
			Benzo(k)fluoranthene	0.017	mg/Kg	0.01	0.0036	
			Chrysene	0.031	mg/Kg	0.01	0.0036	
			Dibenzo(a,h)anthracene	0.0039	mg/Kg	0.01	0.0032	VJ

Summary of Analytical Results Site 28
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28PT4101	Plant Tissue	SW8270 SIM	Fluoranthene	0.091	mg/Kg	0.01	0.0028	
			Fluorene	0.0057	mg/Kg	0.01	0.0022	VJ
			Indeno(1,2,3-cd)pyrene	0.012	mg/Kg	0.01	0.0011	
			Naphthalene	ND	mg/Kg	0.01	0.0036	
			Phenanthrene	0.076	mg/Kg	0.01	0.0028	
			Pyrene	0.064	mg/Kg	0.01	0.003	
01NE28PT4102	Plant Tissue	SW6010B	Chromium	5.11	mg/Kg	0.14	0.11	
		SW6020	Arsenic	2.38	mg/Kg	0.14	0.05	
			Barium	15	mg/Kg	0.005	0.005	
			Cadmium	0.081	mg/Kg	0.014	0.005	
			Copper	2.48	mg/Kg	0.055	0.008	
			Lead	2.82	mg/Kg	0.005	0.003	
			Nickel	2.31	mg/Kg	0.055	0.008	
			Silver	0.018	mg/Kg	0.005	0.005	
			Vanadium	2.94	mg/Kg	0.055	0.005	
			Zinc	27.3	mg/Kg	0.14	0.02	
		SW7471A	Mercury	0.017	mg/Kg	0.007	0.003	
		SW7741	Selenium	0.03	mg/Kg	0.05	0.02	VJ
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.02	0.007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.04	0.007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.02	0.007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.02	0.007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.02	0.007	
			PCB-1254 (Aroclor 1254)	0.25	mg/Kg	0.02	0.007	
			PCB-1260 (Aroclor 1260)	0.28	mg/Kg	0.02	0.007	
		SW8270 SIM	2-Methylnaphthalene	0.0067	mg/Kg	0.0099	0.0048	VJ
			Acenaphthene	0.0053	mg/Kg	0.0099	0.0024	VJ
			Anthracene	ND	mg/Kg	0.0099	0.003	
			Benzo(a)anthracene	0.0097	mg/Kg	0.0099	0.0024	VJ
			Benzo(a)pyrene	0.012	mg/Kg	0.0099	0.004	
			Benzo(b)fluoranthene	0.014	mg/Kg	0.0099	0.0024	
			Benzo(g,h,i)perylene	0.0087	mg/Kg	0.0099	0.0028	VJ
			Benzo(k)fluoranthene	0.015	mg/Kg	0.0099	0.0036	
			Chrysene	0.024	mg/Kg	0.0099	0.0036	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0099	0.0032	
			Fluoranthene	0.014	mg/Kg	0.0099	0.0028	
			Fluorene	0.0091	mg/Kg	0.0099	0.0022	VJ
			Indeno(1,2,3-cd)pyrene	0.011	mg/Kg	0.0099	0.0011	
			Naphthalene	ND	mg/Kg	0.0099	0.0036	
			Phenanthrene	0.024	mg/Kg	0.0099	0.0028	
			Pyrene	0.06	mg/Kg	0.0099	0.003	
01NE28PT5101	Plant Tissue	SW6010B	Chromium	77.5	mg/Kg	0.37	0.3	
		SW6020	Arsenic	1.47	mg/Kg	0.38	0.15	
			Barium	19.6	mg/Kg	0.015	0.015	
			Cadmium	0.137	mg/Kg	0.038	0.015	
			Copper	6.86	mg/Kg	0.15	0.023	
			Lead	11.3	mg/Kg	0.015	0.008	
			Nickel	8.61	mg/Kg	0.15	0.023	
			Silver	0.058	mg/Kg	0.015	0.015	
			Vanadium	7.28	mg/Kg	0.15	0.015	
			Zinc	30.1	mg/Kg	0.38	0.06	
		SW7471A	Mercury	0.033	mg/Kg	0.016	0.008	
		SW7741	Selenium	0.13	mg/Kg	0.15	0.05	VJ
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.2	0.07	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.4	0.07	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.2	0.07	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.2	0.07	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.2	0.07	
			PCB-1254 (Aroclor 1254)	9.3	mg/Kg	0.2	0.07	

Summary of Analytical Results Site 28
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28PT5101	Plant Tissue	SW8082	PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.2	0.07	
		SW8270 SIM	2-Methylnaphthalene	0.026	mg/Kg	0.005	0.0024	
			Acenaphthene	0.075	mg/Kg	0.005	0.0012	
			Anthracene	0.05	mg/Kg	0.005	0.0015	
			Benzo(a)anthracene	0.24	mg/Kg	0.005	0.0012	
			Benzo(a)pyrene	0.3	mg/Kg	0.005	0.002	
			Benzo(b)fluoranthene	0.24	mg/Kg	0.005	0.0012	
			Benzo(g,h,i)perylene	0.15	mg/Kg	0.005	0.0014	
			Benzo(k)fluoranthene	0.34	mg/Kg	0.005	0.0018	
			Chrysene	0.42	mg/Kg	0.005	0.0018	
			Dibenzo(a,h)anthracene	0.043	mg/Kg	0.005	0.0016	
			Fluoranthene	1	mg/Kg	0.025	0.007	
			Fluorene	0.077	mg/Kg	0.005	0.0011	
			Indeno(1,2,3-cd)pyrene	0.21	mg/Kg	0.005	0.0005	
			Naphthalene	0.042	mg/Kg	0.005	0.0018	
			Phenanthrene	1	mg/Kg	0.025	0.007	
			Pyrene	0.93	mg/Kg	0.005	0.0015	
01NE28PT5102	Plant Tissue	SW6010B	Chromium	0.68	mg/Kg	0.09	0.07	
		SW6020	Arsenic	ND	mg/Kg	0.08	0.03	
			Barium	14.6	mg/Kg	0.003	0.003	
			Cadmium	0.087	mg/Kg	0.008	0.003	
			Copper	1.25	mg/Kg	0.033	0.005	
			Lead	0.29	mg/Kg	0.003	0.002	
			Nickel	1.3	mg/Kg	0.033	0.005	
			Silver	ND	mg/Kg	0.003	0.003	
			Vanadium	0.171	mg/Kg	0.033	0.003	
			Zinc	8.47	mg/Kg	0.08	0.01	
		SW7471A	Mercury	0.003	mg/Kg	0.004	0.002	
		SW7741	Selenium	ND	mg/Kg	0.03	0.01	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.0027	0.0009	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.0053	0.0009	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.0027	0.0009	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.0027	0.0009	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.0027	0.0009	
			PCB-1254 (Aroclor 1254)	0.12	mg/Kg	0.0027	0.0009	
			PCB-1260 (Aroclor 1260)	0.067	mg/Kg	0.0027	0.0009	
		SW8270 SIM	2-Methylnaphthalene	0.009	mg/Kg	0.0098	0.0047	VJ
			Acenaphthene	0.023	mg/Kg	0.0098	0.0024	
			Anthracene	ND	mg/Kg	0.0098	0.003	
			Benzo(a)anthracene	0.0058	mg/Kg	0.0098	0.0024	VJ
			Benzo(a)pyrene	0.0069	mg/Kg	0.0098	0.0039	VJ
			Benzo(b)fluoranthene	0.011	mg/Kg	0.0098	0.0024	
			Benzo(g,h,i)perylene	0.0044	mg/Kg	0.0098	0.0028	VJ
			Benzo(k)fluoranthene	0.11	mg/Kg	0.0098	0.0035	
			Chrysene	0.011	mg/Kg	0.0098	0.0035	
			Dibenzo(a,h)anthracene	0.0035	mg/Kg	0.0098	0.0032	VJ
			Fluoranthene	0.025	mg/Kg	0.0098	0.0028	
			Fluorene	0.014	mg/Kg	0.0098	0.0022	
			Indeno(1,2,3-cd)pyrene	0.0094	mg/Kg	0.0098	0.0011	VJ
			Naphthalene	0.0082	mg/Kg	0.0098	0.0035	VJ
			Phenanthrene	0.058	mg/Kg	0.0098	0.0028	
			Pyrene	0.021	mg/Kg	0.0098	0.003	
01NE28PT5103	Plant Tissue	SW6010B	Chromium	1.7	mg/Kg	0.4	0.32	
		SW6020	Arsenic	0.37	mg/Kg	0.4	0.16	VJ
			Barium	3.18	mg/Kg	0.016	0.016	
			Cadmium	0.081	mg/Kg	0.04	0.016	
			Copper	3.28	mg/Kg	0.161	0.024	
			Lead	11.1	mg/Kg	0.016	0.008	
			Nickel	0.645	mg/Kg	0.161	0.024	

Summary of Analytical Results Site 28
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28PT5103	Plant Tissue	SW6020	Silver	0.026	mg/Kg	0.016	0.016	
			Vanadium	0.616	mg/Kg	0.161	0.016	
			Zinc	27.7	mg/Kg	0.4	0.06	
		SW7471A	Mercury	0.16	mg/Kg	0.018	0.009	
		SW7741	Selenium	0.99	mg/Kg	0.16	0.05	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	0.047	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	0.052	mg/Kg	0.002	0.0007	
		SW8270 SIM	2-Methylnaphthalene	0.0028	mg/Kg	0.005	0.0024	VJ
			Acenaphthene	ND	mg/Kg	0.005	0.0012	
			Anthracene	ND	mg/Kg	0.005	0.0015	
			Benzo(a)anthracene	ND	mg/Kg	0.005	0.0012	
			Benzo(a)pyrene	ND	mg/Kg	0.005	0.002	
			Benzo(b)fluoranthene	0.0018	mg/Kg	0.005	0.0012	VJ
			Benzo(g,h,i)perylene	ND	mg/Kg	0.005	0.0014	
			Benzo(k)fluoranthene	ND	mg/Kg	0.005	0.0018	
			Chrysene	0.002	mg/Kg	0.005	0.0018	VJ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.005	0.0016	
			Fluoranthene	0.0072	mg/Kg	0.005	0.0014	
			Fluorene	0.002	mg/Kg	0.005	0.0011	VJ
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.005	0.0005	
			Naphthalene	0.0027	mg/Kg	0.005	0.0018	VJ
			Phenanthrene	0.014	mg/Kg	0.005	0.0014	
			Pyrene	0.0048	mg/Kg	0.005	0.0015	VJ
01NE28PT5104	Plant Tissue	SW6010B	Chromium	5.89	mg/Kg	0.15	0.12	
		SW6020	Arsenic	0.29	mg/Kg	0.15	0.06	
			Barium	25.9	mg/Kg	0.006	0.006	
			Cadmium	0.201	mg/Kg	0.015	0.006	
			Copper	1.83	mg/Kg	0.058	0.009	
			Lead	3.43	mg/Kg	0.006	0.003	
			Nickel	2.45	mg/Kg	0.058	0.009	
			Silver	0.012	mg/Kg	0.006	0.006	
			Vanadium	1.72	mg/Kg	0.058	0.006	
			Zinc	14.2	mg/Kg	0.15	0.02	
		SW7471A	Mercury	0.014	mg/Kg	0.01	0.005	
		SW7741	Selenium	0.02	mg/Kg	0.06	0.02	VJ
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	0.13	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	0.067	mg/Kg	0.002	0.0007	VHB
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.005	0.0024	
			Acenaphthene	0.0024	mg/Kg	0.005	0.0012	VJ
			Anthracene	0.0026	mg/Kg	0.005	0.0015	VJ
			Benzo(a)anthracene	0.0095	mg/Kg	0.005	0.0012	
			Benzo(a)pyrene	0.013	mg/Kg	0.005	0.002	
			Benzo(b)fluoranthene	0.015	mg/Kg	0.005	0.0012	
			Benzo(g,h,i)perylene	0.0075	mg/Kg	0.005	0.0014	
			Benzo(k)fluoranthene	0.011	mg/Kg	0.005	0.0018	
			Chrysene	0.018	mg/Kg	0.005	0.0018	
			Dibenzo(a,h)anthracene	0.0041	mg/Kg	0.005	0.0016	VJ
			Fluoranthene	0.029	mg/Kg	0.005	0.0014	
			Fluorene	0.0031	mg/Kg	0.005	0.0011	VJ

Summary of Analytical Results Site 28
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28PT5104	Plant Tissue	SW8270 SIM	Indeno(1,2,3-cd)pyrene	0.013	mg/Kg	0.005	0.0005	
			Naphthalene	0.0023	mg/Kg	0.005	0.0018	VJ
			Phenanthrene	0.029	mg/Kg	0.005	0.0014	
			Pyrene	0.031	mg/Kg	0.005	0.0015	
01NE28PT5105	Plant Tissue	SW6010B	Chromium	1.35	mg/Kg	0.32	0.26	
		SW6020	Arsenic	ND	mg/Kg	0.33	0.13	
			Barium	26.7	mg/Kg	0.013	0.013	
			Cadmium	0.024	mg/Kg	0.033	0.013	VJ
			Copper	3.38	mg/Kg	0.13	0.02	
			Lead	1.36	mg/Kg	0.013	0.006	
			Nickel	0.968	mg/Kg	0.13	0.02	
			Silver	ND	mg/Kg	0.013	0.013	
			Vanadium	0.267	mg/Kg	0.13	0.013	
			Zinc	14.9	mg/Kg	0.33	0.05	
		SW7471A	Mercury	0.027	mg/Kg	0.013	0.007	
		SW7741	Selenium	ND	mg/Kg	0.13	0.04	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	0.15	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	0.078	mg/Kg	0.002	0.0007	
		SW8270 SIM	2-Methylnaphthalene	0.014	mg/Kg	0.005	0.0024	
			Acenaphthene	0.052	mg/Kg	0.005	0.0012	
			Anthracene	0.011	mg/Kg	0.005	0.0015	
			Benzo(a)anthracene	0.069	mg/Kg	0.005	0.0012	
			Benzo(a)pyrene	0.089	mg/Kg	0.005	0.002	
			Benzo(b)fluoranthene	0.053	mg/Kg	0.005	0.0012	
			Benzo(g,h,i)perylene	0.059	mg/Kg	0.005	0.0014	
			Benzo(k)fluoranthene	0.11	mg/Kg	0.005	0.0018	
			Chrysene	0.11	mg/Kg	0.005	0.0018	
			Dibenzo(a,h)anthracene	0.023	mg/Kg	0.005	0.0016	
			Fluoranthene	0.45	mg/Kg	0.005	0.0014	
			Fluorene	0.032	mg/Kg	0.005	0.0011	
			Indeno(1,2,3-cd)pyrene	0.1	mg/Kg	0.005	0.0005	
			Naphthalene	0.013	mg/Kg	0.005	0.0018	
			Phenanthrene	0.28	mg/Kg	0.005	0.0014	
			Pyrene	0.27	mg/Kg	0.005	0.0015	
01NE28PT5106	Plant Tissue	SW6010B	Chromium	0.74	mg/Kg	0.24	0.19	
		SW6020	Arsenic	ND	mg/Kg	0.24	0.1	
			Barium	29.3	mg/Kg	0.01	0.01	
			Cadmium	1.13	mg/Kg	0.024	0.01	
			Copper	1.77	mg/Kg	0.097	0.015	
			Lead	0.384	mg/Kg	0.01	0.005	
			Nickel	1	mg/Kg	0.097	0.015	
			Silver	0.012	mg/Kg	0.01	0.01	
			Vanadium	0.045	mg/Kg	0.097	0.01	VJ
			Zinc	49.7	mg/Kg	0.24	0.04	
		SW7471A	Mercury	0.008	mg/Kg	0.011	0.006	VJ
		SW7741	Selenium	ND	mg/Kg	0.1	0.03	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.0035	0.0013	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.007	0.0013	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.0035	0.0013	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.0035	0.0013	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.0035	0.0013	
			PCB-1254 (Aroclor 1254)	0.07	mg/Kg	0.0035	0.0013	
			PCB-1260 (Aroclor 1260)	0.015	mg/Kg	0.0035	0.0013	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.01	0.0048	

Summary of Analytical Results Site 28
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28PT5106	Plant Tissue	SW8270 SIM	Acenaphthene	0.0039	mg/Kg	0.01	0.0024	VJ
			Anthracene	0.0075	mg/Kg	0.01	0.003	VJ
			Benzo(a)anthracene	0.0057	mg/Kg	0.01	0.0024	VJ
			Benzo(a)pyrene	ND	mg/Kg	0.01	0.004	
			Benzo(b)fluoranthene	0.005	mg/Kg	0.01	0.0024	VJ
			Benzo(g,h,i)perylene	0.0031	mg/Kg	0.01	0.0028	VJ
			Benzo(k)fluoranthene	ND	mg/Kg	0.01	0.0053	
			Chrysene	0.0072	mg/Kg	0.01	0.0036	VJ
			Dibenzo(a,h)anthracene	0.0035	mg/Kg	0.01	0.0032	VJ
			Fluoranthene	0.042	mg/Kg	0.01	0.0028	
			Fluorene	0.0072	mg/Kg	0.01	0.0022	VJ
			Indeno(1,2,3-cd)pyrene	0.0049	mg/Kg	0.01	0.0011	VJ
			Naphthalene	0.0043	mg/Kg	0.01	0.0036	VJ
			Phenanthrene	0.064	mg/Kg	0.01	0.0028	
			Pyrene	0.069	mg/Kg	0.01	0.003	
01NE28PT5107	Plant Tissue	E200.8	Antimony	0.003	mg/Kg	0.006	0.002	VJ
			Arsenic	ND	mg/Kg	0.06	0.01	
			Barium	0.445	mg/Kg	0.012	0.002	
			Cadmium	0.002	mg/Kg	0.0062	0.001	VJ
			Lead	0.065	mg/Kg	0.002	0.001	
			Nickel	0.06	mg/Kg	0.02	0.02	
			Silver	ND	mg/Kg	0.002	0.002	
			Vanadium	0.016	mg/Kg	0.025	0.002	VJ
			Zinc	1.29	mg/Kg	0.06	0.02	
		SW6010B	Chromium	ND	mg/Kg	0.06	0.05	
			Copper	0.58	mg/Kg	0.12	0.02	
		SW7471A	Mercury	ND	mg/Kg	0.004	0.002	
		SW7741	Selenium	ND	mg/Kg	0.025	0.007	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	0.0049	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	0.0049	mg/Kg	0.002	0.0007	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.005	0.0024	
			Acenaphthene	ND	mg/Kg	0.005	0.0012	
			Anthracene	ND	mg/Kg	0.005	0.0015	
			Benzo(a)anthracene	ND	mg/Kg	0.005	0.0012	
			Benzo(a)pyrene	ND	mg/Kg	0.005	0.002	
			Benzo(b)fluoranthene	ND	mg/Kg	0.005	0.0012	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.005	0.0014	
			Benzo(k)fluoranthene	ND	mg/Kg	0.005	0.0018	
			Chrysene	ND	mg/Kg	0.005	0.0018	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.005	0.0016	
			Fluoranthene	ND	mg/Kg	0.005	0.0014	
			Fluorene	ND	mg/Kg	0.005	0.0011	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.005	0.0005	
			Naphthalene	ND	mg/Kg	0.005	0.0018	
			Phenanthrene	0.0027	mg/Kg	0.005	0.0014	VJ
			Pyrene	ND	mg/Kg	0.005	0.0015	
01NE28PT5204	Plant Tissue	SW6010B	Chromium	13.4	mg/Kg	0.19	0.15	
		SW6020	Arsenic	0.8	mg/Kg	0.18	0.07	
			Barium	53.1	mg/Kg	0.007	0.007	
			Cadmium	0.295	mg/Kg	0.018	0.007	
			Copper	4.18	mg/Kg	0.073	0.011	
			Lead	6.54	mg/Kg	0.007	0.004	
			Nickel	5.03	mg/Kg	0.073	0.011	
			Silver	0.034	mg/Kg	0.007	0.007	

Summary of Analytical Results Site 28
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28PT5204	Plant Tissue	SW6020	Vanadium	4.53	mg/Kg	0.073	0.007	
			Zinc	24.1	mg/Kg	0.18	0.03	
		SW7471A	Mercury	0.027	mg/Kg	0.012	0.006	
		SW7741	Selenium	0.08	mg/Kg	0.07	0.02	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.01	0.0035	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.02	0.0035	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.01	0.0035	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.01	0.0035	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.01	0.0035	
			PCB-1254 (Aroclor 1254)	0.31	mg/Kg	0.01	0.0035	
			PCB-1260 (Aroclor 1260)	0.13	mg/Kg	0.01	0.0035	
		SW8270 SIM	2-Methylnaphthalene	0.023	mg/Kg	0.005	0.0024	
			Acenaphthene	0.075	mg/Kg	0.005	0.0012	
			Anthracene	0.029	mg/Kg	0.005	0.0015	
			Benzo(a)anthracene	0.21	mg/Kg	0.005	0.0012	
			Benzo(a)pyrene	0.33	mg/Kg	0.005	0.002	
			Benzo(b)fluoranthene	0.29	mg/Kg	0.005	0.0012	
			Benzo(g,h,i)perylene	0.19	mg/Kg	0.005	0.0014	
			Benzo(k)fluoranthene	0.3	mg/Kg	0.005	0.0018	
			Chrysene	0.41	mg/Kg	0.005	0.0018	
			Dibenzo(a,h)anthracene	0.062	mg/Kg	0.005	0.0016	
			Fluoranthene	0.98	mg/Kg	0.005	0.0014	
			Fluorene	0.078	mg/Kg	0.005	0.0011	
			Indeno(1,2,3-cd)pyrene	0.36	mg/Kg	0.005	0.0005	
			Naphthalene	0.041	mg/Kg	0.005	0.0018	
			Phenanthrene	1.1	mg/Kg	0.025	0.007	
			Pyrene	0.92	mg/Kg	0.005	0.0015	
01NE28PT6101	Plant Tissue	SW6010B	Chromium	6.05	mg/Kg	0.37	0.3	
		SW6020	Arsenic	0.62	mg/Kg	0.38	0.15	
			Barium	16.9	mg/Kg	0.015	0.015	
			Cadmium	0.286	mg/Kg	0.038	0.015	
			Copper	4.26	mg/Kg	0.15	0.023	
			Lead	3.93	mg/Kg	0.015	0.008	
			Nickel	3.18	mg/Kg	0.15	0.023	
			Silver	0.039	mg/Kg	0.015	0.015	
			Vanadium	3.41	mg/Kg	0.15	0.015	
			Zinc	39.8	mg/Kg	0.38	0.06	
		SW7471A	Mercury	0.039	mg/Kg	0.016	0.008	
		SW7741	Selenium	0.1	mg/Kg	0.15	0.05	VJ
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	0.011	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	0.041	mg/Kg	0.002	0.0007	
		SW8270 SIM	2-Methylnaphthalene	0.0035	mg/Kg	0.005	0.0024	VJ
			Acenaphthene	0.0023	mg/Kg	0.005	0.0012	VJ
			Anthracene	ND	mg/Kg	0.005	0.0015	
			Benzo(a)anthracene	ND	mg/Kg	0.005	0.0012	
			Benzo(a)pyrene	ND	mg/Kg	0.005	0.002	
			Benzo(b)fluoranthene	0.0021	mg/Kg	0.005	0.0012	VJ
			Benzo(g,h,i)perylene	ND	mg/Kg	0.005	0.0014	
			Benzo(k)fluoranthene	0.0022	mg/Kg	0.005	0.0018	VJ
			Chrysene	0.0019	mg/Kg	0.005	0.0018	VJ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.005	0.0016	
			Fluoranthene	0.011	mg/Kg	0.005	0.0014	
			Fluorene	0.0053	mg/Kg	0.005	0.0011	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.005	0.0005	

Summary of Analytical Results Site 28
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28PT6101	Plant Tissue	SW8270 SIM	Naphthalene	0.0018	mg/Kg	0.005	0.0018	VJ
			Phenanthrene	0.028	mg/Kg	0.005	0.0014	
			Pyrene	0.006	mg/Kg	0.005	0.0015	
01NE28PT6102	Plant Tissue	SW6010B	Chromium	1.01	mg/Kg	0.22	0.17	
		SW6020	Arsenic	ND	mg/Kg	0.21	0.09	
			Barium	11.5	mg/Kg	0.009	0.009	
			Cadmium	0.883	mg/Kg	0.021	0.009	
			Copper	2.19	mg/Kg	0.086	0.013	
			Lead	0.682	mg/Kg	0.009	0.004	
			Nickel	1.1	mg/Kg	0.086	0.013	
			Silver	0.011	mg/Kg	0.009	0.009	
			Vanadium	0.359	mg/Kg	0.086	0.009	
			Zinc	56.7	mg/Kg	0.21	0.03	
		SW7471A	Mercury	0.008	mg/Kg	0.01	0.005	VJ
		SW7741	Selenium	ND	mg/Kg	0.09	0.03	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.0068	0.0024	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.014	0.0024	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.0068	0.0024	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.0068	0.0024	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.0068	0.0024	
			PCB-1254 (Aroclor 1254)	0.011	mg/Kg	0.0068	0.0024	
			PCB-1260 (Aroclor 1260)	0.005	mg/Kg	0.0068	0.0024	VJ
		SW8270 SIM	2-Methylnaphthalene	0.0076	mg/Kg	0.011	0.0053	VJ
			Acenaphthene	0.013	mg/Kg	0.011	0.0027	
			Anthracene	0.049	mg/Kg	0.011	0.0033	
			Benzo(a)anthracene	0.075	mg/Kg	0.011	0.0027	
			Benzo(a)pyrene	0.021	mg/Kg	0.011	0.0044	
			Benzo(b)fluoranthene	0.053	mg/Kg	0.011	0.0027	
			Benzo(g,h,i)perylene	0.013	mg/Kg	0.011	0.0031	
			Benzo(k)fluoranthene	0.046	mg/Kg	0.011	0.004	
			Chrysene	0.087	mg/Kg	0.011	0.004	
			Dibenzo(a,h)anthracene	0.013	mg/Kg	0.011	0.0036	
			Fluoranthene	0.38	mg/Kg	0.011	0.0031	
			Fluorene	0.022	mg/Kg	0.011	0.0025	
			Indeno(1,2,3-cd)pyrene	0.024	mg/Kg	0.011	0.0012	
			Naphthalene	0.0078	mg/Kg	0.011	0.004	VJ
			Phenanthrene	0.29	mg/Kg	0.011	0.0031	
			Pyrene	0.28	mg/Kg	0.011	0.0033	
01NE28PT6103	Plant Tissue	SW6010B	Chromium	8.99	mg/Kg	0.13	0.1	
		SW6020	Arsenic	0.56	mg/Kg	0.13	0.05	
			Barium	21.3	mg/Kg	0.005	0.005	
			Cadmium	0.175	mg/Kg	0.013	0.005	
			Copper	2.82	mg/Kg	0.051	0.008	
			Lead	3.48	mg/Kg	0.005	0.003	
			Nickel	4.2	mg/Kg	0.051	0.008	
			Silver	0.019	mg/Kg	0.005	0.005	
			Vanadium	3.64	mg/Kg	0.051	0.005	
			Zinc	27.6	mg/Kg	0.13	0.02	
		SW7471A	Mercury	0.021	mg/Kg	0.008	0.004	
		SW7741	Selenium	0.05	mg/Kg	0.05	0.02	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	0.0097	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	0.0095	mg/Kg	0.002	0.0007	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.005	0.0024	
			Acenaphthene	0.0037	mg/Kg	0.005	0.0012	VJ

Summary of Analytical Results Site 28
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28PT6103	Plant Tissue	SW8270 SIM	Anthracene	ND	mg/Kg	0.005	0.0015	
			Benzo(a)anthracene	0.0025	mg/Kg	0.005	0.0012	VJ
			Benzo(a)pyrene	0.0027	mg/Kg	0.005	0.002	VJ
			Benzo(b)fluoranthene	0.0045	mg/Kg	0.005	0.0012	VJ
			Benzo(g,h,i)perylene	0.0019	mg/Kg	0.005	0.0014	VJ
			Benzo(k)fluoranthene	0.0045	mg/Kg	0.005	0.0018	VJ
			Chrysene	0.0037	mg/Kg	0.005	0.0018	VJ
			Dibenzo(a,h)anthracene	0.0019	mg/Kg	0.005	0.0016	VJ
			Fluoranthene	0.0083	mg/Kg	0.005	0.0014	
			Fluorene	0.0025	mg/Kg	0.005	0.0011	VJ
			Indeno(1,2,3-cd)pyrene	0.0041	mg/Kg	0.005	0.0005	VJ
			Naphthalene	0.0019	mg/Kg	0.005	0.0018	VJ
			Phenanthrene	0.013	mg/Kg	0.005	0.0014	
			Pyrene	0.0073	mg/Kg	0.005	0.0015	
01NE28SD111	Sediment	AK102	DRO	640	mg/Kg	15	2.8	
		AK103	RRO	520	mg/Kg	31	31	VJ
		DU	Total Organic Carbon (TOC)	21	PERCENT	0.044	0.005	
		E160.3	Total Solids	11.8	PERCENT	0.01	0.01	
		SW6010B	Chromium	17	mg/Kg	3	0.9	
			Lead	20	mg/Kg	10	4	
			Zinc	94	mg/Kg	4	2	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.21	0.0548	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.41	0.0656	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.21	0.0283	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.21	0.0334	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.21	0.0219	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.21	0.0663	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.21	0.0537	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.037	0.037	
			Acenaphthene	ND	mg/Kg	0.037	0.025	
			Acenaphthylene	0.04	mg/Kg	0.037	0.024	
			Anthracene	ND	mg/Kg	0.037	0.024	
			Benzo(a)anthracene	ND	mg/Kg	0.037	0.02	
			Benzo(a)pyrene	ND	mg/Kg	0.037	0.018	
			Benzo(b)fluoranthene	ND	mg/Kg	0.037	0.024	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.037	0.02	
			Benzo(k)fluoranthene	ND	mg/Kg	0.037	0.018	
			Chrysene	0.044	mg/Kg	0.037	0.017	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.037	0.018	
			Dibenzofuran	ND	mg/Kg	0.037	0.037	
			Fluoranthene	0.16	mg/Kg	0.037	0.019	
			Fluorene	ND	mg/Kg	0.037	0.028	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.037	0.025	
			Naphthalene	ND	mg/Kg	0.037	0.035	
			Phenanthrene	0.21	mg/Kg	0.037	0.024	
			Pyrene	0.18	mg/Kg	0.037	0.021	
01NE28SD112	Sediment	AK102	DRO	610	mg/Kg	56	10	
		AK103	RRO	1800	mg/Kg	110	110	VJ
		DU	Total Organic Carbon (TOC)	7	PERCENT	0.005	0.005	
		E160.3	Total Solids	49.5	PERCENT	0.01	0.01	
		SW6010B	Chromium	23.7	mg/Kg	0.9	0.2	
			Lead	14	mg/Kg	4	1	
			Zinc	46	mg/Kg	1	0.5	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.075	0.02	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.15	0.024	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.075	0.0103	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.075	0.0122	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.075	0.008	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.075	0.0242	

Summary of Analytical Results Site 28
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD112	Sediment	SW8082	PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.075	0.0196	
		SW8270 SIM	2-Methylnaphthalene	0.039	mg/Kg	0.014	0.014	
			Acenaphthene	ND	mg/Kg	0.014	0.0091	
			Acenaphthylene	ND	mg/Kg	0.014	0.0089	
			Anthracene	ND	mg/Kg	0.014	0.0089	
			Benzo(a)anthracene	ND	mg/Kg	0.014	0.0075	
			Benzo(a)pyrene	ND	mg/Kg	0.014	0.0065	
			Benzo(b)fluoranthene	ND	mg/Kg	0.014	0.0087	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.014	0.0075	
			Benzo(k)fluoranthene	ND	mg/Kg	0.014	0.0067	
			Chrysene	ND	mg/Kg	0.014	0.0063	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.014	0.0065	
			Dibenzofuran	ND	mg/Kg	0.014	0.014	
			Fluoranthene	ND	mg/Kg	0.014	0.0069	
			Fluorene	ND	mg/Kg	0.014	0.01	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.014	0.0093	
			Naphthalene	ND	mg/Kg	0.014	0.013	
			Phenanthrene	0.015	mg/Kg	0.014	0.0087	
			Pyrene	ND	mg/Kg	0.014	0.0077	
01NE28SD113	Sediment	AK102	DRO	180	mg/Kg	19	3.4	
		AK103	RRO	420	mg/Kg	38	38	VJ
		DU	Total Organic Carbon (TOC)	30	PERCENT	0.056	0.005	
		E160.3	Total Solids	12.1	PERCENT	0.01	0.01	
		SW6010B	Chromium	12	mg/Kg	3	0.9	
			Lead	10	mg/Kg	10	4	
			Zinc	183	mg/Kg	4	2	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.26	0.0685	VQQ
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.51	0.0821	VQQ
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.26	0.0354	VQQ
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.26	0.0418	VQQ
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.26	0.0274	VQQ
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.26	0.0828	VQQ
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.26	0.0672	VQQ
		SW8270 SIM	2-Methylnaphthalene	0.16	mg/Kg	0.045	0.045	
			Acenaphthene	ND	mg/Kg	0.045	0.03	
			Acenaphthylene	ND	mg/Kg	0.045	0.03	
			Anthracene	ND	mg/Kg	0.045	0.03	
			Benzo(a)anthracene	ND	mg/Kg	0.045	0.025	
			Benzo(a)pyrene	ND	mg/Kg	0.045	0.021	
			Benzo(b)fluoranthene	ND	mg/Kg	0.045	0.029	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.045	0.025	
			Benzo(k)fluoranthene	ND	mg/Kg	0.045	0.022	
			Chrysene	ND	mg/Kg	0.045	0.021	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.045	0.021	
			Dibenzofuran	ND	mg/Kg	0.045	0.045	
			Fluoranthene	ND	mg/Kg	0.045	0.023	
			Fluorene	0.063	mg/Kg	0.045	0.034	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.045	0.031	
			Naphthalene	ND	mg/Kg	0.045	0.042	
			Phenanthrene	ND	mg/Kg	0.045	0.029	
			Pyrene	0.063	mg/Kg	0.045	0.026	
01NE28SD114	Sediment	AK102	DRO	680	mg/Kg	70	13	
		AK103	RRO	3200	mg/Kg	140	140	VJ
		DU	Total Organic Carbon (TOC)	37	PERCENT	0.062	0.005	
		E160.3	Total Solids	26.8	PERCENT	0.01	0.01	
		SW6010B	Chromium	20	mg/Kg	2	0.4	
			Lead	10	mg/Kg	6	2	
			Zinc	37	mg/Kg	2	0.9	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.094	0.0251	

Summary of Analytical Results Site 28
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD114	Sediment	SW8082	PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.19	0.03	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.094	0.013	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.094	0.0153	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.094	0.01	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.094	0.0303	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.094	0.0246	
		SW8270 SIM	2-Methylnaphthalene	1.4	mg/Kg	0.017	0.017	VLB
			Acenaphthene	0.074	mg/Kg	0.017	0.011	
			Acenaphthylene	ND	mg/Kg	0.017	0.011	VQQ
			Anthracene	ND	mg/Kg	0.017	0.011	VQQ
			Benzo(a)anthracene	ND	mg/Kg	0.017	0.0093	VQQ
			Benzo(a)pyrene	ND	mg/Kg	0.017	0.008	VQQ
			Benzo(b)fluoranthene	ND	mg/Kg	0.017	0.011	VQQ
			Benzo(g,h,i)perylene	ND	mg/Kg	0.017	0.0093	VQQ
			Benzo(k)fluoranthene	ND	mg/Kg	0.017	0.0083	VQQ
			Chrysene	ND	mg/Kg	0.017	0.0078	VQQ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.017	0.008	VQQ
			Dibenzofuran	0.033	mg/Kg	0.017	0.017	VLB
			Fluoranthene	ND	mg/Kg	0.017	0.0085	VQQ
			Fluorene	0.14	mg/Kg	0.017	0.013	VLB
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.017	0.012	VQQ
			Naphthalene	0.33	mg/Kg	0.017	0.016	VLB
			Phenanthrene	0.018	mg/Kg	0.017	0.011	VLB
			Pyrene	ND	mg/Kg	0.017	0.0095	VQQ
01NE28SD115	Sediment	AK102	DRO	360	mg/Kg	68	12	
		AK103	RRO	1600	mg/Kg	140	140	VJ
		DU	Total Organic Carbon (TOC)	35	PERCENT	0.043	0.005	
		E160.3	Total Solids	17.1	PERCENT	0.01	0.01	
		SW6010B	Chromium	10	mg/Kg	3	0.8	
			Lead	ND	mg/Kg	10	4	
			Zinc	16	mg/Kg	4	2	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.23	0.0607	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.45	0.0727	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.23	0.0314	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.23	0.037	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.23	0.0243	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.23	0.0734	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.23	0.0595	
		SW8270 SIM	2-Methylnaphthalene	8.7	mg/Kg	0.27	0.27	
			Acenaphthene	0.34	mg/Kg	0.041	0.028	
			Acenaphthylene	ND	mg/Kg	0.041	0.027	
			Anthracene	ND	mg/Kg	0.041	0.027	
			Benzo(a)anthracene	ND	mg/Kg	0.041	0.023	
			Benzo(a)pyrene	ND	mg/Kg	0.041	0.02	
			Benzo(b)fluoranthene	ND	mg/Kg	0.041	0.026	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.041	0.023	
			Benzo(k)fluoranthene	ND	mg/Kg	0.041	0.02	
			Chrysene	ND	mg/Kg	0.041	0.019	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.041	0.02	
			Dibenzofuran	0.15	mg/Kg	0.041	0.041	
			Fluoranthene	ND	mg/Kg	0.041	0.021	
			Fluorene	0.6	mg/Kg	0.041	0.031	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.041	0.028	
			Naphthalene	1.7	mg/Kg	0.041	0.039	
			Phenanthrene	ND	mg/Kg	0.041	0.026	
			Pyrene	ND	mg/Kg	0.041	0.023	
01NE28SD116	Sediment	AK102	DRO	310	mg/Kg	50	7.2	
		AK103	RRO	1500	mg/Kg	100	100	VJ
		DU	Total Organic Carbon (TOC)	3.9	PERCENT	0.005	0.005	

Summary of Analytical Results Site 28
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD116	Sediment	E160.3	Total Solids	59.6	PERCENT	0.01	0.01	
		SW6010B	Chromium	25.7	mg/Kg	0.7	0.2	
			Lead	9	mg/Kg	3	1	
			Zinc	45.1	mg/Kg	0.9	0.4	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.053	0.0142	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.11	0.0171	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.053	0.0074	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.053	0.0087	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.053	0.0057	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.053	0.0172	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.053	0.014	
		SW8270 SIM	2-Methylnaphthalene	0.21	mg/Kg	0.0094	0.0094	
			Acenaphthene	ND	mg/Kg	0.0094	0.0063	
			Acenaphthylene	ND	mg/Kg	0.0094	0.0062	
			Anthracene	ND	mg/Kg	0.0094	0.0062	
			Benzo(a)anthracene	ND	mg/Kg	0.0094	0.0052	
			Benzo(a)pyrene	ND	mg/Kg	0.0094	0.0045	
			Benzo(b)fluoranthene	ND	mg/Kg	0.0094	0.006	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0094	0.0052	
			Benzo(k)fluoranthene	ND	mg/Kg	0.0094	0.0046	
			Chrysene	ND	mg/Kg	0.0094	0.0044	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0094	0.0045	
			Dibenzofuran	ND	mg/Kg	0.0094	0.0094	
			Fluoranthene	ND	mg/Kg	0.0094	0.0048	
			Fluorene	ND	mg/Kg	0.0094	0.007	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0094	0.0065	
			Naphthalene	0.11	mg/Kg	0.0094	0.0089	
			Phenanthrene	ND	mg/Kg	0.0094	0.006	
			Pyrene	ND	mg/Kg	0.0094	0.0053	
01NE28SD117	Sediment	AK102	DRO	1500	mg/Kg	50	8.2	
		AK103	RRO	920	mg/Kg	100	100	VJ
		DU	Total Organic Carbon (TOC)	4.5	PERCENT	0.005	0.005	
		E160.3	Total Solids	67.3	PERCENT	0.01	0.01	
		SW6010B	Chromium	4.4	mg/Kg	0.7	0.2	
			Lead	5	mg/Kg	3	1	
			Zinc	17	mg/Kg	0.9	0.4	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.061	0.0163	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.12	0.0195	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.061	0.0084	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.061	0.0099	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.061	0.0065	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.061	0.0197	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.061	0.016	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.091	0.091	
			Acenaphthene	ND	mg/Kg	0.091	0.061	
			Acenaphthylene	ND	mg/Kg	0.091	0.06	
			Anthracene	ND	mg/Kg	0.091	0.06	
			Benzo(a)anthracene	ND	mg/Kg	0.091	0.05	
			Benzo(a)pyrene	ND	mg/Kg	0.091	0.044	
			Benzo(b)fluoranthene	ND	mg/Kg	0.091	0.059	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.091	0.05	
			Benzo(k)fluoranthene	ND	mg/Kg	0.091	0.045	
			Chrysene	ND	mg/Kg	0.091	0.042	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.091	0.044	
			Dibenzofuran	ND	mg/Kg	0.091	0.091	
			Fluoranthene	ND	mg/Kg	0.091	0.046	
			Fluorene	ND	mg/Kg	0.091	0.068	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.091	0.063	
			Naphthalene	ND	mg/Kg	0.091	0.086	

Summary of Analytical Results Site 28
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD117	Sediment	SW8270 SIM	Phenanthrene	ND	mg/Kg	0.091	0.059	
			Pyrene	ND	mg/Kg	0.091	0.052	
01NE28SD118	Sediment	AK102	DRO	330	mg/Kg	50	6.7	
		AK103	RRO	430	mg/Kg	100	100	VJ
		DU	Total Organic Carbon (TOC)	3.5	PERCENT	0.005	0.005	
		E160.3	Total Solids	66.2	PERCENT	0.01	0.01	
		SW6010B	Chromium	19	mg/Kg	0.7	0.2	
			Lead	9	mg/Kg	3	0.9	
			Zinc	40.1	mg/Kg	0.8	0.4	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.05	0.0133	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.099	0.0159	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.05	0.0069	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.05	0.0081	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.05	0.0053	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.05	0.016	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.05	0.013	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.012	0.012	
			Acenaphthene	ND	mg/Kg	0.012	0.0084	
			Acenaphthylene	ND	mg/Kg	0.012	0.0082	
			Anthracene	ND	mg/Kg	0.012	0.0082	
			Benzo(a)anthracene	ND	mg/Kg	0.012	0.0069	
			Benzo(a)pyrene	ND	mg/Kg	0.012	0.006	
			Benzo(b)fluoranthene	ND	mg/Kg	0.012	0.008	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.012	0.0069	
			Benzo(k)fluoranthene	ND	mg/Kg	0.012	0.0061	
			Chrysene	ND	mg/Kg	0.012	0.0058	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.012	0.006	
			Dibenzofuran	ND	mg/Kg	0.012	0.012	
			Fluoranthene	ND	mg/Kg	0.012	0.0063	
			Fluorene	ND	mg/Kg	0.012	0.0093	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.012	0.0086	
			Naphthalene	ND	mg/Kg	0.012	0.012	
			Phenanthrene	ND	mg/Kg	0.012	0.008	
			Pyrene	ND	mg/Kg	0.012	0.0071	
01NE28SD119	Sediment	AK102	DRO	36000	mg/Kg	1500	270	
		AK103	RRO	9000	mg/Kg	3000	3000	VJ
		DU	Total Organic Carbon (TOC)	32	PERCENT	0.075	0.005	
		E160.3	Total Solids	12.2	PERCENT	0.01	0.01	
		SW6010B	Chromium	39	mg/Kg	3	0.7	
			Lead	70	mg/Kg	10	3	
			Zinc	1040	mg/Kg	3	2	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.2	0.0545	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.41	0.0653	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.2	0.0282	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.2	0.0333	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.2	0.0218	
			PCB-1254 (Aroclor 1254)	0.34	mg/Kg	0.2	0.0659	
			PCB-1260 (Aroclor 1260)	0.39	mg/Kg	0.2	0.0535	
		SW8270 SIM	2-Methylnaphthalene	7.5	mg/Kg	0.31	0.31	
			Acenaphthene	1.7	mg/Kg	0.31	0.21	
			Acenaphthylene	ND	mg/Kg	0.31	0.21	
			Anthracene	0.69	mg/Kg	0.31	0.21	
			Benzo(a)anthracene	0.72	mg/Kg	0.31	0.17	
			Benzo(a)pyrene	0.44	mg/Kg	0.31	0.15	
			Benzo(b)fluoranthene	0.97	mg/Kg	0.31	0.2	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.31	0.17	
			Benzo(k)fluoranthene	0.66	mg/Kg	0.31	0.15	
			Chrysene	2.2	mg/Kg	0.31	0.15	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.31	0.15	

Summary of Analytical Results Site 28
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD119	Sediment	SW8270 SIM	Dibenzofuran	3.3	mg/Kg	0.31	0.31	
			Fluoranthene	9.7	mg/Kg	0.31	0.16	
			Fluorene	4.6	mg/Kg	0.31	0.23	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.31	0.22	
			Naphthalene	3.9	mg/Kg	0.31	0.3	
			Phenanthrene	21	mg/Kg	0.31	0.2	
			Pyrene	6.9	mg/Kg	0.31	0.18	
01NE28SD120	Sediment	AK102	DRO	480	mg/Kg	15	2.6	VLB
		AK103	RRO	1000	mg/Kg	29	29	VLB
		DU	Total Organic Carbon (TOC)	28	PERCENT	0.057	0.005	
		E160.3	Total Solids	14.4	PERCENT	0.01	0.01	
		SW6010B	Chromium	13	mg/Kg	4	1	
			Lead	ND	mg/Kg	20	5	
			Zinc	28	mg/Kg	5	2	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.19	0.0518	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.39	0.0621	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.19	0.0268	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.19	0.0317	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.19	0.0208	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.19	0.0627	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.19	0.0509	
		SW8270 SIM	2-Methylnaphthalene	6.6	mg/Kg	0.12	0.12	
			Acenaphthene	0.27	mg/Kg	0.012	0.0078	
			Acenaphthylene	ND	mg/Kg	0.012	0.0076	
			Anthracene	ND	mg/Kg	0.012	0.0076	
			Benzo(a)anthracene	ND	mg/Kg	0.012	0.0064	
			Benzo(a)pyrene	ND	mg/Kg	0.012	0.0056	
			Benzo(b)fluoranthene	ND	mg/Kg	0.012	0.0075	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.012	0.0064	
			Benzo(k)fluoranthene	ND	mg/Kg	0.012	0.0057	
			Chrysene	ND	mg/Kg	0.012	0.0054	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.012	0.0056	
			Dibenzofuran	0.095	mg/Kg	0.012	0.012	
			Fluoranthene	0.015	mg/Kg	0.012	0.0059	
			Fluorene	0.25	mg/Kg	0.012	0.0087	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.012	0.008	
			Naphthalene	1.6	mg/Kg	0.12	0.11	
			Phenanthrene	0.05	mg/Kg	0.012	0.0075	
			Pyrene	ND	mg/Kg	0.012	0.0066	
01NE28SD121	Sediment	AK102	DRO	74	mg/Kg	14	2.4	
		AK103	RRO	580	mg/Kg	27	27	VJ
		DU	Total Organic Carbon (TOC)	34	PERCENT	0.066	0.005	
		E160.3	Total Solids	17.8	PERCENT	0.01	0.01	
		SW6010B	Chromium	9	mg/Kg	3	0.8	
			Lead	ND	mg/Kg	10	4	
			Zinc	21	mg/Kg	4	2	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.18	0.0483	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.36	0.0579	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.18	0.025	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.18	0.0295	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.18	0.0194	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.18	0.0585	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.18	0.0474	
		SW8270 SIM	2-Methylnaphthalene	0.33	mg/Kg	0.011	0.011	
			Acenaphthene	0.016	mg/Kg	0.011	0.0073	
			Acenaphthylene	ND	mg/Kg	0.011	0.0071	
			Anthracene	ND	mg/Kg	0.011	0.0071	
			Benzo(a)anthracene	ND	mg/Kg	0.011	0.006	
			Benzo(a)pyrene	ND	mg/Kg	0.011	0.0052	

Summary of Analytical Results Site 28
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD121	Sediment	SW8270 SIM	Benzo(b)fluoranthene	ND	mg/Kg	0.011	0.0069	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.011	0.006	
			Benzo(k)fluoranthene	ND	mg/Kg	0.011	0.0053	
			Chrysene	ND	mg/Kg	0.011	0.005	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.011	0.0052	
			Dibenzofuran	ND	mg/Kg	0.011	0.011	
			Fluoranthene	0.016	mg/Kg	0.011	0.0055	
			Fluorene	0.011	mg/Kg	0.011	0.0081	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.011	0.0074	
			Naphthalene	0.24	mg/Kg	0.011	0.01	
			Phenanthrene	0.015	mg/Kg	0.011	0.0069	
			Pyrene	ND	mg/Kg	0.011	0.0061	
01NE28SD122	Sediment	AK102	DRO	310	mg/Kg	17	3	VLB
		AK103	RRO	910	mg/Kg	33	33	VLB
		DU	Total Organic Carbon (TOC)	49	PERCENT	0.075	0.005	
		E160.3	Total Solids	8.28	PERCENT	0.01	0.01	
		SW6010B	Chromium	ND	mg/Kg	4	1	
			Lead	ND	mg/Kg	20	5	
			Zinc	15	mg/Kg	5	2	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.22	0.0593	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.44	0.0711	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.22	0.0307	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.22	0.0362	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.22	0.0238	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.22	0.0718	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.22	0.0582	
		SW8270 SIM	2-Methylnaphthalene	0.022	mg/Kg	0.013	0.013	
			Acenaphthene	ND	mg/Kg	0.013	0.009	
			Acenaphthylene	ND	mg/Kg	0.013	0.0088	
			Anthracene	ND	mg/Kg	0.013	0.0088	
			Benzo(a)anthracene	ND	mg/Kg	0.013	0.0074	
			Benzo(a)pyrene	ND	mg/Kg	0.013	0.0064	
			Benzo(b)fluoranthene	ND	mg/Kg	0.013	0.0086	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.013	0.0074	
			Benzo(k)fluoranthene	ND	mg/Kg	0.013	0.0066	
			Chrysene	ND	mg/Kg	0.013	0.0062	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.013	0.0064	
			Dibenzofuran	ND	mg/Kg	0.013	0.013	
			Fluoranthene	ND	mg/Kg	0.013	0.0068	
			Fluorene	ND	mg/Kg	0.013	0.0099	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.013	0.0092	
			Naphthalene	0.024	mg/Kg	0.013	0.013	
			Phenanthrene	ND	mg/Kg	0.013	0.0086	
			Pyrene	ND	mg/Kg	0.013	0.0076	
01NE28SD123	Sediment	AK102	DRO	1600	mg/Kg	18	3.2	VLB
		AK103	RRO	1500	mg/Kg	35	35	VLB
		DU	Total Organic Carbon (TOC)	44	PERCENT	0.11	0.005	
		E160.3	Total Solids	7.65	PERCENT	0.01	0.01	
		SW6010B	Chromium	7	mg/Kg	2	0.6	
			Lead	ND	mg/Kg	9	3	
			Zinc	13	mg/Kg	3	1	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.24	0.0632	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.47	0.0757	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.24	0.0327	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.24	0.0386	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.24	0.0253	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.24	0.0764	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.24	0.062	
		SW8270 SIM	2-Methylnaphthalene	0.32	mg/Kg	0.014	0.014	

Summary of Analytical Results Site 28
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD123	Sediment	SW8270 SIM	Acenaphthene	ND	mg/Kg	0.014	0.0095	
			Acenaphthylene	ND	mg/Kg	0.014	0.0092	
			Anthracene	ND	mg/Kg	0.014	0.0092	
			Benzo(a)anthracene	ND	mg/Kg	0.014	0.0078	
			Benzo(a)pyrene	ND	mg/Kg	0.014	0.0067	
			Benzo(b)fluoranthene	ND	mg/Kg	0.014	0.009	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.014	0.0078	
			Benzo(k)fluoranthene	ND	mg/Kg	0.014	0.0069	
			Chrysene	ND	mg/Kg	0.014	0.0065	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.014	0.0067	
			Dibenzofuran	ND	mg/Kg	0.014	0.014	
			Fluoranthene	ND	mg/Kg	0.014	0.0071	
			Fluorene	ND	mg/Kg	0.014	0.011	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.014	0.0097	
			Naphthalene	1.6	mg/Kg	0.042	0.04	
			Phenanthrene	ND	mg/Kg	0.014	0.009	
			Pyrene	ND	mg/Kg	0.014	0.008	
01NE28SD124	Sediment	AK102	DRO	650	mg/Kg	39	7	
		AK103	RRO	2000	mg/Kg	78	78	VJ
		DU	Total Organic Carbon (TOC)	14	PERCENT	0.084	0.005	
		E160.3	Total Solids	33.9	PERCENT	0.01	0.01	
		SW6010B	Chromium	19	mg/Kg	2	0.5	
			Lead	ND	mg/Kg	8	3	
			Zinc	30	mg/Kg	2	1	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.1	0.0277	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.21	0.0332	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.1	0.0143	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.1	0.0169	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.1	0.0111	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.1	0.0336	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.1	0.0272	
		SW8270 SIM	2-Methylnaphthalene	7	mg/Kg	0.15	0.15	
			Acenaphthene	0.065	mg/Kg	0.0062	0.0042	
			Acenaphthylene	ND	mg/Kg	0.0062	0.0041	
			Anthracene	ND	mg/Kg	0.0062	0.0041	
			Benzo(a)anthracene	ND	mg/Kg	0.0062	0.0034	
			Benzo(a)pyrene	ND	mg/Kg	0.0062	0.003	
			Benzo(b)fluoranthene	ND	mg/Kg	0.0062	0.004	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0062	0.0034	
			Benzo(k)fluoranthene	ND	mg/Kg	0.0062	0.0031	
			Chrysene	ND	mg/Kg	0.0062	0.0029	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0062	0.003	
			Dibenzofuran	0.026	mg/Kg	0.0062	0.0062	
			Fluoranthene	ND	mg/Kg	0.0062	0.0031	
			Fluorene	0.073	mg/Kg	0.0062	0.0046	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0062	0.0043	
			Naphthalene	4.8	mg/Kg	0.15	0.15	
			Phenanthrene	0.026	mg/Kg	0.0062	0.004	
			Pyrene	ND	mg/Kg	0.0062	0.0035	
01NE28SD125	Sediment	AK103	RRO	880	mg/Kg	100	100	VJ
		DU	Total Organic Carbon (TOC)	7.4	PERCENT	0.005	0.005	
		E160.3	Total Solids	50.2	PERCENT	0.01	0.01	
		SW6010B	Chromium	18	mg/Kg	1	0.3	
			Lead	7	mg/Kg	4	1	
			Zinc	30	mg/Kg	1	0.6	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.067	0.018	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.13	0.0216	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.067	0.0093	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.067	0.011	

Summary of Analytical Results Site 28
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD125	Sediment	SW8082	PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.067	0.0072	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.067	0.0218	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.067	0.0177	
		SW8270 SIM	2-Methylnaphthalene	6.5	mg/Kg	0.2	0.2	
			Acenaphthene	0.14	mg/Kg	0.02	0.013	
			Acenaphthylene	ND	mg/Kg	0.02	0.013	
			Anthracene	ND	mg/Kg	0.02	0.013	
			Benzo(a)anthracene	ND	mg/Kg	0.02	0.011	
			Benzo(a)pyrene	ND	mg/Kg	0.02	0.0094	
			Benzo(b)fluoranthene	ND	mg/Kg	0.02	0.013	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.02	0.011	
			Benzo(k)fluoranthene	ND	mg/Kg	0.02	0.0097	
			Chrysene	ND	mg/Kg	0.02	0.0092	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.02	0.0094	
			Dibenzofuran	0.043	mg/Kg	0.02	0.02	
			Fluoranthene	ND	mg/Kg	0.02	0.01	
			Fluorene	0.14	mg/Kg	0.02	0.015	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.02	0.014	
			Naphthalene	3.7	mg/Kg	0.2	0.19	
			Phenanthrene	0.049	mg/Kg	0.02	0.013	
			Pyrene	ND	mg/Kg	0.02	0.011	
01NE28SD126	Sediment	AK102	DRO	5200	mg/Kg	150	26	
		AK103	RRO	1200	mg/Kg	290	290	VJ
		DU	Total Organic Carbon (TOC)	31	PERCENT	0.083	0.005	
		E160.3	Total Solids	19	PERCENT	0.01	0.01	
		SW6010B	Chromium	9	mg/Kg	3	0.7	
			Lead	ND	mg/Kg	10	3	
			Zinc	36	mg/Kg	3	1	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.2	0.0524	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.39	0.0627	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.2	0.0271	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.2	0.032	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.2	0.021	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.2	0.0633	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.2	0.0514	
		SW8270 SIM	2-Methylnaphthalene	3.4	mg/Kg	0.28	0.28	
			Acenaphthene	0.67	mg/Kg	0.28	0.19	
			Acenaphthylene	ND	mg/Kg	0.28	0.18	
			Anthracene	ND	mg/Kg	0.28	0.18	
			Benzo(a)anthracene	ND	mg/Kg	0.28	0.15	
			Benzo(a)pyrene	ND	mg/Kg	0.28	0.13	
			Benzo(b)fluoranthene	ND	mg/Kg	0.28	0.18	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.28	0.15	
			Benzo(k)fluoranthene	ND	mg/Kg	0.28	0.14	
			Chrysene	ND	mg/Kg	0.28	0.13	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.28	0.13	
			Dibenzofuran	0.39	mg/Kg	0.28	0.28	
			Fluoranthene	ND	mg/Kg	0.28	0.14	
			Fluorene	1.4	mg/Kg	0.28	0.21	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.28	0.19	
			Naphthalene	0.61	mg/Kg	0.28	0.26	
			Phenanthrene	0.28	mg/Kg	0.28	0.18	
			Pyrene	ND	mg/Kg	0.28	0.16	
01NE28SD127	Sediment	AK102	DRO	3100	mg/Kg	100	18	
		AK103	RRO	300	mg/Kg	200	200	VJ
		DU	Total Organic Carbon (TOC)	31	PERCENT	0.055	0.005	
		E160.3	Total Solids	18	PERCENT	0.01	0.01	
		SW6010B	Chromium	12	mg/Kg	2	0.6	
			Lead	ND	mg/Kg	9	3	

Summary of Analytical Results Site 28
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD127	Sediment	SW6010B	Zinc	33	mg/Kg	3	1	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.14	0.0362	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.27	0.0434	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.14	0.0187	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.14	0.0221	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.14	0.0145	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.14	0.0438	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.14	0.0355	
		SW8270 SIM	2-Methylnaphthalene	33	mg/Kg	1.9	1.9	
			Acenaphthene	1.4	mg/Kg	0.19	0.13	
			Acenaphthylene	ND	mg/Kg	0.19	0.13	
			Anthracene	ND	mg/Kg	0.19	0.13	
			Benzo(a)anthracene	ND	mg/Kg	0.19	0.11	
			Benzo(a)pyrene	ND	mg/Kg	0.19	0.092	
			Benzo(b)fluoranthene	ND	mg/Kg	0.19	0.12	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.19	0.11	
			Benzo(k)fluoranthene	ND	mg/Kg	0.19	0.095	
			Chrysene	ND	mg/Kg	0.19	0.089	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.19	0.092	
			Dibenzofuran	0.54	mg/Kg	0.19	0.19	
			Fluoranthene	ND	mg/Kg	0.19	0.098	
			Fluorene	2.5	mg/Kg	0.19	0.14	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.19	0.13	
			Naphthalene	3.4	mg/Kg	0.19	0.18	
			Phenanthrene	1	mg/Kg	0.19	0.12	
			Pyrene	ND	mg/Kg	0.19	0.11	
01NE28SD128	Sediment	AK102	DRO	15000	mg/Kg	270	49	
		AK103	RRO	1800	mg/Kg	540	540	VJ
		DU	Total Organic Carbon (TOC)	19	PERCENT	0.052	0.005	
		E160.3	Total Solids	21.8	PERCENT	0.01	0.01	
		SW6010B	Chromium	18	mg/Kg	2	0.5	
			Lead	13	mg/Kg	8	2	
			Zinc	59	mg/Kg	2	1	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.18	0.0483	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.36	0.0579	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.18	0.025	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.18	0.0295	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.18	0.0194	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.18	0.0585	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.18	0.0474	
		SW8270 SIM	2-Methylnaphthalene	18	mg/Kg	0.28	0.28	
			Acenaphthene	1	mg/Kg	0.28	0.19	
			Acenaphthylene	ND	mg/Kg	0.28	0.18	
			Anthracene	ND	mg/Kg	0.28	0.18	
			Benzo(a)anthracene	ND	mg/Kg	0.28	0.15	
			Benzo(a)pyrene	ND	mg/Kg	0.28	0.13	
			Benzo(b)fluoranthene	ND	mg/Kg	0.28	0.18	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.28	0.15	
			Benzo(k)fluoranthene	ND	mg/Kg	0.28	0.14	
			Chrysene	ND	mg/Kg	0.28	0.13	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.28	0.13	
			Dibenzofuran	0.44	mg/Kg	0.28	0.28	
			Fluoranthene	ND	mg/Kg	0.28	0.14	
			Fluorene	2.6	mg/Kg	0.28	0.21	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.28	0.19	
			Naphthalene	1.6	mg/Kg	0.28	0.26	
			Phenanthrene	0.81	mg/Kg	0.28	0.18	
			Pyrene	ND	mg/Kg	0.28	0.16	
01NE28SD129	Sediment	AK102	DRO	2500	mg/Kg	98	18	

Summary of Analytical Results Site 28
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD129	Sediment	AK103	RRO	660	mg/Kg	200	200	VJ
		DU	Total Organic Carbon (TOC)	41	PERCENT	0.048	0.005	
		E160.3	Total Solids	15.6	PERCENT	0.01	0.01	
		SW6010B	Chromium	5	mg/Kg	2	0.6	
			Lead	ND	mg/Kg	10	3	
			Zinc	12	mg/Kg	3	1	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.13	0.0347	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.26	0.0416	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.13	0.0179	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.13	0.0212	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.13	0.0139	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.13	0.0419	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.13	0.034	
		SW8270 SIM	2-Methylnaphthalene	4.1	mg/Kg	0.15	0.15	
			Acenaphthylene	ND	mg/Kg	0.0077	0.0051	
			Anthracene	0.0092	mg/Kg	0.0077	0.0051	
			Benzo(a)anthracene	ND	mg/Kg	0.0077	0.0042	
			Benzo(a)pyrene	ND	mg/Kg	0.0077	0.0037	
			Benzo(b)fluoranthene	ND	mg/Kg	0.0077	0.0049	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0077	0.0042	
			Benzo(k)fluoranthene	ND	mg/Kg	0.0077	0.0038	
			Chrysene	ND	mg/Kg	0.0077	0.0036	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0077	0.0037	
			Dibenzofuran	0.028	mg/Kg	0.0077	0.0077	
			Fluoranthene	0.0084	mg/Kg	0.0077	0.0039	
			Fluorene	0.12	mg/Kg	0.0077	0.0057	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0077	0.0053	
			Naphthalene	7.4	mg/Kg	0.15	0.14	
			Phenanthrene	0.048	mg/Kg	0.0077	0.0049	
			Pyrene	0.01	mg/Kg	0.0077	0.0044	
01NE28SD130	Sediment	AK102	DRO	14000	mg/Kg	260	47	
		AK103	RRO	2200	mg/Kg	520	520	VJ
		DU	Total Organic Carbon (TOC)	26	PERCENT	0.055	0.005	
		E160.3	Total Solids	19.8	PERCENT	0.01	0.01	
		SW6010B	Chromium	10	mg/Kg	3	0.9	
			Lead	20	mg/Kg	10	4	
			Zinc	96	mg/Kg	4	2	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.17	0.0464	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.35	0.0557	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.17	0.024	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.17	0.0283	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.17	0.0186	
			PCB-1254 (Aroclor 1254)	0.2	mg/Kg	0.17	0.0562	
			PCB-1260 (Aroclor 1260)	0.31	mg/Kg	0.17	0.0456	
		SW8270 SIM	2-Methylnaphthalene	23	mg/Kg	2.6	2.6	
			Acenaphthene	ND	mg/Kg	2.6	1.8	
			Acenaphthylene	ND	mg/Kg	2.6	1.7	
			Anthracene	ND	mg/Kg	2.6	1.7	
			Benzo(a)anthracene	ND	mg/Kg	2.6	1.5	
			Benzo(a)pyrene	ND	mg/Kg	2.6	1.3	
			Benzo(b)fluoranthene	ND	mg/Kg	2.6	1.7	
			Benzo(g,h,i)perylene	ND	mg/Kg	2.6	1.5	
			Benzo(k)fluoranthene	ND	mg/Kg	2.6	1.3	
			Chrysene	ND	mg/Kg	2.6	1.2	
			Dibenzo(a,h)anthracene	ND	mg/Kg	2.6	1.3	
			Dibenzofuran	ND	mg/Kg	2.6	2.6	
			Fluoranthene	ND	mg/Kg	2.6	1.3	
			Fluorene	3.2	mg/Kg	2.6	2	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	2.6	1.8	

Summary of Analytical Results Site 28
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD130	Sediment	SW8270 SIM	Naphthalene	3.2	mg/Kg	2.6	2.5	
			Phenanthrene	2.9	mg/Kg	2.6	1.7	
			Pyrene	ND	mg/Kg	2.6	1.5	
01NE28SD131	Sediment	AK102	DRO	56000	mg/Kg	1000	170	
		AK103	RRO	9900	mg/Kg	2000	2000	VJ
		DU	Total Organic Carbon (TOC)	7.6	PERCENT	0.005	0.005	
		E160.3	Total Solids	49.7	PERCENT	0.01	0.01	
		SW6010B	Chromium	18.6	mg/Kg	0.8	0.2	
			Lead	21	mg/Kg	3	1	
			Zinc	96.3	mg/Kg	1	0.5	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.064	0.0172	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.13	0.0206	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.064	0.0089	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.064	0.0105	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.064	0.0069	
			PCB-1254 (Aroclor 1254)	0.16	mg/Kg	0.064	0.0208	
			PCB-1260 (Aroclor 1260)	0.14	mg/Kg	0.064	0.0169	
		SW8270 SIM	2-Methylnaphthalene	33	mg/Kg	0.96	0.96	
			Acenaphthene	2.4	mg/Kg	0.96	0.65	
			Acenaphthylene	ND	mg/Kg	0.96	0.63	
			Anthracene	ND	mg/Kg	0.96	0.63	
			Benzo(a)anthracene	ND	mg/Kg	0.96	0.53	
			Benzo(a)pyrene	ND	mg/Kg	0.96	0.46	
			Benzo(b)fluoranthene	ND	mg/Kg	0.96	0.62	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.96	0.53	
			Benzo(k)fluoranthene	ND	mg/Kg	0.96	0.48	
			Chrysene	ND	mg/Kg	0.96	0.45	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.96	0.46	
			Dibenzofuran	ND	mg/Kg	0.96	0.96	
			Fluoranthene	ND	mg/Kg	0.96	0.49	
			Fluorene	6.9	mg/Kg	0.96	0.72	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.96	0.66	
			Naphthalene	6.4	mg/Kg	0.96	0.91	
			Phenanthrene	4.8	mg/Kg	0.96	0.62	
			Pyrene	ND	mg/Kg	0.96	0.55	
01NE28SD132	Sediment	AK102	DRO	150000	mg/Kg	2700	480	
		AK103	RRO	6900	mg/Kg	5300	5300	VJ
		DU	Total Organic Carbon (TOC)	16	PERCENT	0.058	0.005	
		E160.3	Total Solids	22.5	PERCENT	0.01	0.01	
		SW6010B	Chromium	19	mg/Kg	5	1	
			Lead	ND	mg/Kg	20	7	
			Zinc	114	mg/Kg	6	3	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.18	0.0477	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.36	0.0571	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.18	0.0246	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.18	0.0291	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.18	0.0191	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.18	0.0577	
			PCB-1260 (Aroclor 1260)	0.19	mg/Kg	0.18	0.0468	
		SW8270 SIM	2-Methylnaphthalene	53	mg/Kg	2.6	2.6	
			Acenaphthene	4.5	mg/Kg	2.6	1.8	
			Acenaphthylene	ND	mg/Kg	2.6	1.7	
			Anthracene	ND	mg/Kg	2.6	1.7	
			Benzo(a)anthracene	ND	mg/Kg	2.6	1.5	
			Benzo(a)pyrene	ND	mg/Kg	2.6	1.3	
			Benzo(b)fluoranthene	ND	mg/Kg	2.6	1.7	
			Benzo(g,h,i)perylene	ND	mg/Kg	2.6	1.5	
			Benzo(k)fluoranthene	ND	mg/Kg	2.6	1.3	
			Chrysene	ND	mg/Kg	2.6	1.2	

Summary of Analytical Results Site 28
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD132	Sediment	SW8270 SIM	Dibenzo(a,h)anthracene	ND	mg/Kg	2.6	1.3	
			Dibenzofuran	ND	mg/Kg	2.6	2.6	
			Fluoranthene	ND	mg/Kg	2.6	1.3	
			Fluorene	10	mg/Kg	2.6	2	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	2.6	1.8	
			Naphthalene	14	mg/Kg	2.6	2.5	
			Phenanthrene	7.4	mg/Kg	2.6	1.7	
			Pyrene	ND	mg/Kg	2.6	1.5	
01NE28SD133	Sediment	AK102	DRO	4900	mg/Kg	110	20	
		AK103	RRO	780	mg/Kg	230	230	VJ
		DU	Total Organic Carbon (TOC)	21	PERCENT	0.076	0.005	
		E160.3	Total Solids	20.6	PERCENT	0.01	0.01	
		SW6010B	Chromium	10	mg/Kg	2	0.6	
			Lead	ND	mg/Kg	9	3	
			Zinc	45	mg/Kg	3	1	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.15	0.04	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.3	0.0479	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.15	0.0207	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.15	0.0244	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.15	0.016	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.15	0.0484	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.15	0.0393	
		SW8270 SIM	2-Methylnaphthalene	5.9	mg/Kg	0.088	0.088	
			Acenaphthene	0.63	mg/Kg	0.088	0.06	
			Acenaphthylene	ND	mg/Kg	0.088	0.058	
			Anthracene	0.15	mg/Kg	0.088	0.058	
			Benzo(a)anthracene	ND	mg/Kg	0.088	0.049	
			Benzo(a)pyrene	ND	mg/Kg	0.088	0.042	
			Benzo(b)fluoranthene	ND	mg/Kg	0.088	0.057	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.088	0.049	
			Benzo(k)fluoranthene	ND	mg/Kg	0.088	0.044	
			Chrysene	ND	mg/Kg	0.088	0.041	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.088	0.042	
			Dibenzofuran	0.62	mg/Kg	0.088	0.088	
			Fluoranthene	ND	mg/Kg	0.088	0.045	
			Fluorene	2.2	mg/Kg	0.088	0.066	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.088	0.061	
			Naphthalene	0.78	mg/Kg	0.088	0.083	
			Phenanthrene	1.1	mg/Kg	0.088	0.057	
			Pyrene	ND	mg/Kg	0.088	0.05	
01NE28SD134	Sediment	AK102	DRO	5200	mg/Kg	110	20	
		AK103	RRO	ND	mg/Kg	230	230	VQQ
		DU	Total Organic Carbon (TOC)	18	PERCENT	0.064	0.005	
		E160.3	Total Solids	16.7	PERCENT	0.01	0.01	
		SW6010B	Chromium	22	mg/Kg	3	0.9	
			Lead	ND	mg/Kg	10	4	
			Zinc	63	mg/Kg	4	2	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.15	0.04	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.3	0.0479	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.15	0.0207	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.15	0.0244	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.15	0.016	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.15	0.0484	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.15	0.0393	
		SW8270 SIM	2-Methylnaphthalene	26	mg/Kg	1.6	1.6	
			Acenaphthene	2.3	mg/Kg	0.16	0.11	
			Acenaphthylene	ND	mg/Kg	0.16	0.11	
			Anthracene	ND	mg/Kg	0.16	0.11	
			Benzo(a)anthracene	ND	mg/Kg	0.16	0.09	

Summary of Analytical Results Site 28
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD134	Sediment	SW8270 SIM	Benzo(a)pyrene	ND	mg/Kg	0.16	0.077	
			Benzo(b)fluoranthene	ND	mg/Kg	0.16	0.1	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.16	0.09	
			Benzo(k)fluoranthene	ND	mg/Kg	0.16	0.08	
			Chrysene	ND	mg/Kg	0.16	0.075	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.16	0.077	
			Dibenzofuran	1.2	mg/Kg	0.16	0.16	
			Fluoranthene	ND	mg/Kg	0.16	0.082	
			Fluorene	4.1	mg/Kg	0.16	0.12	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.16	0.11	
			Naphthalene	1.8	mg/Kg	0.16	0.15	
			Phenanthrene	3.4	mg/Kg	0.16	0.1	
			Pyrene	ND	mg/Kg	0.16	0.092	
01NE28SD135	Sediment	AK102	DRO	1100	mg/Kg	50	6	
		AK103	RRO	400	mg/Kg	100	100	VJ
		DU	Total Organic Carbon (TOC)	0.55	PERCENT	0.005	0.005	
		E160.3	Total Solids	70.2	PERCENT	0.01	0.01	
		SW6010B	Chromium	9.9	mg/Kg	0.7	0.2	
			Lead	4	mg/Kg	3	0.9	
			Zinc	22.2	mg/Kg	0.8	0.4	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.045	0.0119	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.089	0.0143	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.045	0.0062	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.045	0.0073	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.045	0.0048	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.045	0.0144	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.045	0.0117	
		SW8270 SIM	2-Methylnaphthalene	0.29	mg/Kg	0.067	0.067	
			Acenaphthene	0.11	mg/Kg	0.067	0.045	
			Acenaphthylene	ND	mg/Kg	0.067	0.044	
			Anthracene	ND	mg/Kg	0.067	0.044	
			Benzo(a)anthracene	ND	mg/Kg	0.067	0.037	
			Benzo(a)pyrene	ND	mg/Kg	0.067	0.032	
			Benzo(b)fluoranthene	ND	mg/Kg	0.067	0.043	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.067	0.037	
			Benzo(k)fluoranthene	ND	mg/Kg	0.067	0.033	
			Chrysene	ND	mg/Kg	0.067	0.031	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.067	0.032	
			Dibenzofuran	ND	mg/Kg	0.067	0.067	
			Fluoranthene	ND	mg/Kg	0.067	0.034	
			Fluorene	0.11	mg/Kg	0.067	0.05	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.067	0.046	
			Naphthalene	0.093	mg/Kg	0.067	0.063	
			Phenanthrene	0.15	mg/Kg	0.067	0.043	
			Pyrene	ND	mg/Kg	0.067	0.038	
01NE28SD136	Sediment	AK102	DRO	40000	mg/Kg	1200	220	
		AK103	RRO	13000	mg/Kg	2400	2400	VJ
		DU	Total Organic Carbon (TOC)	9.1	PERCENT	0.005	0.005	
		E160.3	Total Solids	38.8	PERCENT	0.01	0.01	
		SW6010B	Chromium	31	mg/Kg	1	0.3	
			Lead	64	mg/Kg	5	2	
			Zinc	200	mg/Kg	2	0.8	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.08	0.0214	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.16	0.0256	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.08	0.011	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.08	0.013	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.08	0.0086	
			PCB-1254 (Aroclor 1254)	0.1	mg/Kg	0.08	0.0258	
			PCB-1260 (Aroclor 1260)	0.25	mg/Kg	0.08	0.021	

Summary of Analytical Results Site 28
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD136	Sediment	SW8270 SIM	2-Methylnaphthalene	78	mg/Kg	1.2	1.2	
			Acenaphthene	5.7	mg/Kg	1.2	0.8	
			Acenaphthylene	ND	mg/Kg	1.2	0.79	
			Anthracene	ND	mg/Kg	1.2	0.79	
			Benzo(a)anthracene	ND	mg/Kg	1.2	0.66	
			Benzo(a)pyrene	ND	mg/Kg	1.2	0.57	
			Benzo(b)fluoranthene	ND	mg/Kg	1.2	0.77	
			Benzo(g,h,i)perylene	ND	mg/Kg	1.2	0.66	
			Benzo(k)fluoranthene	ND	mg/Kg	1.2	0.59	
			Chrysene	ND	mg/Kg	1.2	0.55	
			Dibenzo(a,h)anthracene	ND	mg/Kg	1.2	0.57	
			Dibenzofuran	1.9	mg/Kg	1.2	1.2	
			Fluoranthene	ND	mg/Kg	1.2	0.61	
			Fluorene	10	mg/Kg	1.2	0.89	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	1.2	0.82	
			Naphthalene	29	mg/Kg	1.2	1.1	
			Phenanthrene	5.2	mg/Kg	1.2	0.77	
			Pyrene	ND	mg/Kg	1.2	0.68	
01NE28SD137	Sediment	AK102	DRO	560	mg/Kg	50	8.2	
		AK103	RRO	2700	mg/Kg	100	100	VJ
		DU	Total Organic Carbon (TOC)	7.5	PERCENT	0.005	0.005	
		E160.3	Total Solids	54	PERCENT	0.01	0.01	
		SW6010B	Chromium	24	mg/Kg	1	0.3	
			Lead	13	mg/Kg	4	1	
			Zinc	51	mg/Kg	1	0.6	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.06	0.0161	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.12	0.0193	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.06	0.0083	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.06	0.0098	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.06	0.0065	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.06	0.0195	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.06	0.0158	
		SW8270 SIM	2-Methylnaphthalene	0.022	mg/Kg	0.011	0.011	
			Acenaphthene	ND	mg/Kg	0.011	0.0073	
			Acenaphthylene	ND	mg/Kg	0.011	0.0071	
			Anthracene	ND	mg/Kg	0.011	0.0071	
			Benzo(a)anthracene	ND	mg/Kg	0.011	0.006	
			Benzo(a)pyrene	ND	mg/Kg	0.011	0.0052	
			Benzo(b)fluoranthene	ND	mg/Kg	0.011	0.007	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.011	0.006	
			Benzo(k)fluoranthene	ND	mg/Kg	0.011	0.0053	
			Chrysene	ND	mg/Kg	0.011	0.005	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.011	0.0052	
			Dibenzofuran	ND	mg/Kg	0.011	0.011	
			Fluoranthene	ND	mg/Kg	0.011	0.0055	
			Fluorene	ND	mg/Kg	0.011	0.0081	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.011	0.0074	
			Naphthalene	0.037	mg/Kg	0.011	0.01	
			Phenanthrene	ND	mg/Kg	0.011	0.007	
			Pyrene	ND	mg/Kg	0.011	0.0062	
01NE28SD138	Sediment	AK102	DRO	170	mg/Kg	25	4.4	
		AK103	RRO	1200	mg/Kg	50	50	VJ
		DU	Total Organic Carbon (TOC)	6.9	PERCENT	0.005	0.005	
		E160.3	Total Solids	61.2	PERCENT	0.01	0.01	
		SW6010B	Chromium	24.6	mg/Kg	1	0.3	
			Lead	13	mg/Kg	4	1	
			Zinc	48	mg/Kg	1	0.6	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.065	0.0173	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.13	0.0207	

Summary of Analytical Results Site 28
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD138	Sediment	SW8082	PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.065	0.0089	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.065	0.0106	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.065	0.0069	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.065	0.0209	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.065	0.017	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.012	0.012	
			Acenaphthene	ND	mg/Kg	0.012	0.0078	
			Acenaphthylene	ND	mg/Kg	0.012	0.0076	
			Anthracene	ND	mg/Kg	0.012	0.0076	
			Benzo(a)anthracene	ND	mg/Kg	0.012	0.0064	
			Benzo(a)pyrene	ND	mg/Kg	0.012	0.0055	
			Benzo(b)fluoranthene	ND	mg/Kg	0.012	0.0074	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.012	0.0064	
			Benzo(k)fluoranthene	ND	mg/Kg	0.012	0.0057	
			Chrysene	ND	mg/Kg	0.012	0.0054	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.012	0.0055	
			Dibenzofuran	ND	mg/Kg	0.012	0.012	
			Fluoranthene	ND	mg/Kg	0.012	0.0059	
			Fluorene	ND	mg/Kg	0.012	0.0087	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.012	0.008	
			Naphthalene	ND	mg/Kg	0.012	0.011	
			Phenanthrene	ND	mg/Kg	0.012	0.0074	
			Pyrene	ND	mg/Kg	0.012	0.0066	
01NE28SD139	Sediment	AK102	DRO	520	mg/Kg	58	10	
		AK103	RRO	2300	mg/Kg	120	120	VJ
		DU	Total Organic Carbon (TOC)	10	PERCENT	0.005	0.005	
		E160.3	Total Solids	37.3	PERCENT	0.01	0.01	
		SW6010B	Chromium	22	mg/Kg	1	0.3	
			Lead	13	mg/Kg	5	2	
			Zinc	53	mg/Kg	2	0.7	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.078	0.0208	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.16	0.0249	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.078	0.0107	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.078	0.0127	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.078	0.0083	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.078	0.0251	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.078	0.0204	
		SW8270 SIM	2-Methylnaphthalene	0.032	mg/Kg	0.014	0.014	
			Acenaphthene	0.092	mg/Kg	0.014	0.0093	
			Acenaphthylene	ND	mg/Kg	0.014	0.0091	
			Anthracene	0.032	mg/Kg	0.014	0.0091	
			Benzo(a)anthracene	0.2	mg/Kg	0.014	0.0076	
			Benzo(a)pyrene	0.25	mg/Kg	0.014	0.0066	
			Benzo(b)fluoranthene	0.2	mg/Kg	0.014	0.0089	
			Benzo(g,h,i)perylene	0.066	mg/Kg	0.014	0.0076	
			Benzo(k)fluoranthene	0.37	mg/Kg	0.014	0.0068	
			Chrysene	0.33	mg/Kg	0.014	0.0064	
			Dibenzo(a,h)anthracene	0.023	mg/Kg	0.014	0.0066	
			Dibenzofuran	0.065	mg/Kg	0.014	0.014	
			Fluoranthene	0.85	mg/Kg	0.014	0.007	
			Fluorene	0.083	mg/Kg	0.014	0.01	
			Indeno(1,2,3-cd)pyrene	0.085	mg/Kg	0.014	0.0095	
			Naphthalene	0.043	mg/Kg	0.014	0.013	
			Phenanthrene	0.91	mg/Kg	0.014	0.0089	
			Pyrene	0.7	mg/Kg	0.014	0.0078	
01NE28SD140	Sediment	AK102	DRO	6900	mg/Kg	340	60	
		AK103	RRO	1300	mg/Kg	670	670	VJ
		DU	Total Organic Carbon (TOC)	11	PERCENT	0.005	0.005	
		E160.3	Total Solids	50.5	PERCENT	0.01	0.01	

Summary of Analytical Results Site 28
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD140	Sediment	SW6010B	Chromium	19	mg/Kg	1	0.3	
			Lead	17	mg/Kg	4	1	
			Zinc	50	mg/Kg	1	0.6	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.11	0.03	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.22	0.036	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.11	0.0155	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.11	0.0183	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.11	0.012	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.11	0.0363	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.11	0.0294	
		SW8270 SIM	2-Methylnaphthalene	0.83	mg/Kg	0.83	0.83	
			Acenaphthene	1.3	mg/Kg	0.83	0.56	
			Acenaphthylene	ND	mg/Kg	0.83	0.55	
			Anthracene	ND	mg/Kg	0.83	0.55	
			Benzo(a)anthracene	ND	mg/Kg	0.83	0.46	
			Benzo(a)pyrene	ND	mg/Kg	0.83	0.4	
			Benzo(b)fluoranthene	ND	mg/Kg	0.83	0.54	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.83	0.46	
			Benzo(k)fluoranthene	ND	mg/Kg	0.83	0.41	
			Chrysene	ND	mg/Kg	0.83	0.39	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.83	0.4	
			Dibenzofuran	ND	mg/Kg	0.83	0.83	
			Fluoranthene	ND	mg/Kg	0.83	0.42	
			Fluorene	ND	mg/Kg	0.83	0.62	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.83	0.58	
			Naphthalene	1.3	mg/Kg	0.83	0.79	
			Phenanthrene	ND	mg/Kg	0.83	0.54	
			Pyrene	ND	mg/Kg	0.83	0.48	
01NE28SD141	Sediment	AK102	DRO	430	mg/Kg	52	9.4	
		AK103	RRO	2200	mg/Kg	100	100	VJ
		DU	Total Organic Carbon (TOC)	12	PERCENT	0.005	0.005	
		E160.3	Total Solids	49.4	PERCENT	0.01	0.01	
		SW6010B	Chromium	21.7	mg/Kg	1	0.3	
			Lead	10	mg/Kg	4	1	
			Zinc	33	mg/Kg	1	0.6	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.07	0.0186	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.14	0.0223	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.07	0.0096	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.07	0.0113	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.07	0.0074	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.07	0.0225	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.07	0.0182	
		SW8270 SIM	2-Methylnaphthalene	0.29	mg/Kg	0.041	0.041	
			Acenaphthene	ND	mg/Kg	0.041	0.028	
			Acenaphthylene	ND	mg/Kg	0.041	0.027	
			Anthracene	ND	mg/Kg	0.041	0.027	
			Benzo(a)anthracene	ND	mg/Kg	0.041	0.023	
			Benzo(a)pyrene	ND	mg/Kg	0.041	0.02	
			Benzo(b)fluoranthene	ND	mg/Kg	0.041	0.026	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.041	0.023	
			Benzo(k)fluoranthene	ND	mg/Kg	0.041	0.02	
			Chrysene	ND	mg/Kg	0.041	0.019	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.041	0.02	
			Dibenzofuran	ND	mg/Kg	0.041	0.041	
			Fluoranthene	ND	mg/Kg	0.041	0.021	
			Fluorene	0.045	mg/Kg	0.041	0.031	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.041	0.028	
			Naphthalene	0.45	mg/Kg	0.041	0.039	
			Phenanthrene	0.041	mg/Kg	0.041	0.026	

Summary of Analytical Results Site 28
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD141	Sediment	SW8270 SIM	Pyrene	ND	mg/Kg	0.041	0.023	
01NE28SD142	Sediment	AK102	DRO	280	mg/Kg	29	5.2	
		AK103	RRO	1100	mg/Kg	58	58	VJ
		DU	Total Organic Carbon (TOC)	13	PERCENT	0.005	0.005	
		E160.3	Total Solids	30.7	PERCENT	0.01	0.01	
		SW6010B	Chromium	22	mg/Kg	1	0.3	
			Lead	12	mg/Kg	5	2	
			Zinc	23	mg/Kg	1	0.7	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.078	0.0207	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.16	0.0248	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.078	0.0107	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.078	0.0126	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.078	0.0083	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.078	0.025	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.078	0.0203	
		SW8270 SIM	2-Methylnaphthalene	0.67	mg/Kg	0.014	0.014	
			Acenaphthene	0.022	mg/Kg	0.014	0.0093	
			Acenaphthylene	ND	mg/Kg	0.014	0.0091	
			Anthracene	ND	mg/Kg	0.014	0.0091	
			Benzo(a)anthracene	ND	mg/Kg	0.014	0.0076	
			Benzo(a)pyrene	ND	mg/Kg	0.014	0.0066	
			Benzo(b)fluoranthene	ND	mg/Kg	0.014	0.0089	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.014	0.0076	
			Benzo(k)fluoranthene	ND	mg/Kg	0.014	0.0068	
			Chrysene	ND	mg/Kg	0.014	0.0064	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.014	0.0066	
			Dibenzofuran	ND	mg/Kg	0.014	0.014	
			Fluoranthene	ND	mg/Kg	0.014	0.007	
			Fluorene	0.025	mg/Kg	0.014	0.01	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.014	0.0095	
			Naphthalene	0.38	mg/Kg	0.014	0.013	
			Phenanthrene	ND	mg/Kg	0.014	0.0089	
			Pyrene	ND	mg/Kg	0.014	0.0078	
01NE28SD143	Sediment	AK102	DRO	15000	mg/Kg	710	130	
		AK103	RRO	2300	mg/Kg	1400	1400	VJ
		DU	Total Organic Carbon (TOC)	11	PERCENT	0.005	0.005	
		E160.3	Total Solids	45.2	PERCENT	0.01	0.01	
		SW6010B	Chromium	40	mg/Kg	1	0.3	
			Lead	75	mg/Kg	4	1	
			Zinc	223	mg/Kg	1	0.6	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.095	0.0254	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.19	0.0304	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.095	0.0131	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.095	0.0155	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.095	0.0102	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.095	0.0307	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.095	0.0249	
		SW8270 SIM	2-Methylnaphthalene	110	mg/Kg	5.7	5.7	
			Acenaphthene	1.6	mg/Kg	0.14	0.096	
			Acenaphthylene	ND	mg/Kg	0.14	0.094	
			Anthracene	ND	mg/Kg	0.14	0.094	
			Benzo(a)anthracene	ND	mg/Kg	0.14	0.079	
			Benzo(a)pyrene	ND	mg/Kg	0.14	0.069	
			Benzo(b)fluoranthene	ND	mg/Kg	0.14	0.092	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.14	0.079	
			Benzo(k)fluoranthene	ND	mg/Kg	0.14	0.071	
			Chrysene	ND	mg/Kg	0.14	0.066	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.14	0.069	
			Dibenzofuran	0.73	mg/Kg	0.14	0.14	

Summary of Analytical Results Site 28
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD143	Sediment	SW8270 SIM	Fluoranthene	0.14	mg/Kg	0.14	0.073	
			Fluorene	3.1	mg/Kg	0.14	0.11	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.14	0.099	
			Naphthalene	49	mg/Kg	5.7	5.4	
			Phenanthrene	1	mg/Kg	0.14	0.092	
			Pyrene	0.14	mg/Kg	0.14	0.081	
01NE28SD144	Sediment	AK102	DRO	6700	mg/Kg	230	42	
		AK103	RRO	2600	mg/Kg	470	470	VJ
		DU	Total Organic Carbon (TOC)	12	PERCENT	0.005	0.005	
		E160.3	Total Solids	34.9	PERCENT	0.01	0.01	
		SW6010B	Chromium	24	mg/Kg	1	0.4	
			Lead	27	mg/Kg	6	2	
			Zinc	91	mg/Kg	2	0.8	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.078	0.0208	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.16	0.0249	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.078	0.0107	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.078	0.0127	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.078	0.0083	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.078	0.0251	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.078	0.0204	
		SW8270 SIM	2-Methylnaphthalene	94	mg/Kg	4.5	4.5	
			Acenaphthene	1.6	mg/Kg	0.11	0.077	
			Acenaphthylene	ND	mg/Kg	0.11	0.075	
			Anthracene	ND	mg/Kg	0.11	0.075	
			Benzo(a)anthracene	ND	mg/Kg	0.11	0.063	
			Benzo(a)pyrene	ND	mg/Kg	0.11	0.055	
			Benzo(b)fluoranthene	ND	mg/Kg	0.11	0.073	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.11	0.063	
			Benzo(k)fluoranthene	ND	mg/Kg	0.11	0.056	
			Chrysene	ND	mg/Kg	0.11	0.053	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.11	0.055	
			Dibenzofuran	0.6	mg/Kg	0.11	0.11	
			Fluoranthene	ND	mg/Kg	0.11	0.058	
			Fluorene	2.2	mg/Kg	0.11	0.085	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.11	0.078	
			Naphthalene	34	mg/Kg	4.5	4.3	
			Phenanthrene	0.61	mg/Kg	0.11	0.073	
			Pyrene	ND	mg/Kg	0.11	0.065	
01NE28SD145	Sediment	AK102	DRO	2500	mg/Kg	120	21	
		AK103	RRO	3000	mg/Kg	230	230	VJ
		DU	Total Organic Carbon (TOC)	12	PERCENT	0.005	0.005	
		E160.3	Total Solids	42.6	PERCENT	0.01	0.01	
		SW6010B	Chromium	24	mg/Kg	1	0.3	
			Lead	17	mg/Kg	5	1	
			Zinc	50	mg/Kg	1	0.7	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.077	0.0206	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.15	0.0247	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.077	0.0106	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.077	0.0126	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.077	0.0083	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.077	0.0249	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.077	0.0202	
		SW8270 SIM	2-Methylnaphthalene	32	mg/Kg	0.45	0.45	
			Acenaphthene	0.8	mg/Kg	0.23	0.15	
			Acenaphthylene	ND	mg/Kg	0.23	0.15	
			Anthracene	ND	mg/Kg	0.23	0.15	
			Benzo(a)anthracene	ND	mg/Kg	0.23	0.13	
			Benzo(a)pyrene	ND	mg/Kg	0.23	0.11	
			Benzo(b)fluoranthene	ND	mg/Kg	0.23	0.15	

Summary of Analytical Results Site 28
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD145	Sediment	SW8270 SIM	Benzo(g,h,i)perylene	ND	mg/Kg	0.23	0.13	
			Benzo(k)fluoranthene	ND	mg/Kg	0.23	0.11	
			Chrysene	ND	mg/Kg	0.23	0.11	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.23	0.11	
			Dibenzofuran	0.17	mg/Kg	0.049	0.049	
			Fluoranthene	ND	mg/Kg	0.23	0.12	
			Fluorene	1.6	mg/Kg	0.23	0.17	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.23	0.16	
			Naphthalene	12	mg/Kg	0.23	0.21	
			Phenanthrene	1.3	mg/Kg	0.23	0.15	
			Pyrene	ND	mg/Kg	0.23	0.13	
01NE28SD146	Sediment	AK102	DRO	66000	mg/Kg	710	130	
		AK103	RRO	1900	mg/Kg	1400	1400	VJ
		DU	Total Organic Carbon (TOC)	15	PERCENT	0.005	0.005	
		E160.3	Total Solids	37.8	PERCENT	0.01	0.01	
		SW6010B	Chromium	24	mg/Kg	1	0.4	
			Lead	13	mg/Kg	6	2	
			Zinc	34	mg/Kg	2	0.8	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.095	0.0254	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.19	0.0305	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.095	0.0131	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.095	0.0155	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.095	0.0102	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.095	0.0308	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.095	0.025	
		SW8270 SIM	2-Methylnaphthalene	500	mg/Kg	7	7	
			Acenaphthene	9.4	mg/Kg	0.7	0.48	
			Acenaphthylene	ND	mg/Kg	0.7	0.46	
			Anthracene	ND	mg/Kg	0.7	0.46	
			Benzo(a)anthracene	ND	mg/Kg	0.7	0.39	
			Benzo(a)pyrene	ND	mg/Kg	0.7	0.34	
			Benzo(b)fluoranthene	ND	mg/Kg	0.7	0.45	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.7	0.39	
			Benzo(k)fluoranthene	ND	mg/Kg	0.7	0.35	
			Chrysene	ND	mg/Kg	0.7	0.33	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.7	0.34	
			Dibenzofuran	4	mg/Kg	0.7	0.7	
			Fluoranthene	ND	mg/Kg	0.7	0.36	
			Fluorene	17	mg/Kg	0.7	0.53	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.7	0.49	
			Naphthalene	220	mg/Kg	7	6.7	
			Phenanthrene	6.9	mg/Kg	0.7	0.45	
			Pyrene	ND	mg/Kg	0.7	0.4	
01NE28SD147	Sediment	AK102	DRO	11000	mg/Kg	500	55	
		AK103	RRO	1200	mg/Kg	1000	1000	VJ
		DU	Total Organic Carbon (TOC)	4.6	PERCENT	0.005	0.005	
		E160.3	Total Solids	70	PERCENT	0.01	0.01	
		SW6010B	Chromium	20	mg/Kg	0.8	0.2	
			Lead	24	mg/Kg	3	1	
			Zinc	68.7	mg/Kg	0.9	0.4	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.041	0.011	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.082	0.0131	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.041	0.0057	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.041	0.0067	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.041	0.0044	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.041	0.0133	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.041	0.0107	
		SW8270 SIM	2-Methylnaphthalene	5.2	mg/Kg	0.61	0.61	
			Acenaphthene	ND	mg/Kg	0.61	0.41	

Summary of Analytical Results Site 28
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD147	Sediment	SW8270 SIM	Acenaphthylene	ND	mg/Kg	0.61	0.4	
			Anthracene	ND	mg/Kg	0.61	0.4	
			Benzo(a)anthracene	ND	mg/Kg	0.61	0.34	
			Benzo(a)pyrene	ND	mg/Kg	0.61	0.29	
			Benzo(b)fluoranthene	ND	mg/Kg	0.61	0.39	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.61	0.34	
			Benzo(k)fluoranthene	ND	mg/Kg	0.61	0.3	
			Chrysene	ND	mg/Kg	0.61	0.28	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.61	0.29	
			Dibenzofuran	ND	mg/Kg	0.61	0.61	
			Fluoranthene	ND	mg/Kg	0.61	0.31	
			Fluorene	ND	mg/Kg	0.61	0.46	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.61	0.42	
			Naphthalene	1.2	mg/Kg	0.61	0.58	
			Phenanthrene	ND	mg/Kg	0.61	0.39	
			Pyrene	ND	mg/Kg	0.61	0.35	
01NE28SD148	Sediment	AK102	DRO	14000	mg/Kg	250	44	
		AK103	RRO	1300	mg/Kg	490	490	VJ
		DU	Total Organic Carbon (TOC)	15	PERCENT	0.005	0.005	
		E160.3	Total Solids	32.1	PERCENT	0.01	0.01	
		SW6010B	Chromium	17	mg/Kg	1	0.4	
			Lead	14	mg/Kg	6	2	
			Zinc	43	mg/Kg	2	0.8	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.082	0.0218	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.16	0.0262	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.082	0.0113	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.082	0.0133	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.082	0.0088	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.082	0.0264	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.082	0.0214	
		SW8270 SIM	2-Methylnaphthalene	59	mg/Kg	3.6	3.6	
			Acenaphthene	ND	mg/Kg	3.6	2.4	
			Acenaphthylene	ND	mg/Kg	0.12	0.079	
			Anthracene	ND	mg/Kg	0.12	0.079	
			Benzo(a)anthracene	ND	mg/Kg	0.12	0.066	
			Benzo(a)pyrene	ND	mg/Kg	0.12	0.057	
			Benzo(b)fluoranthene	ND	mg/Kg	0.12	0.077	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.12	0.066	
			Benzo(k)fluoranthene	ND	mg/Kg	0.12	0.059	
			Chrysene	ND	mg/Kg	0.12	0.055	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.12	0.057	
			Dibenzofuran	ND	mg/Kg	3.6	3.6	
			Fluoranthene	ND	mg/Kg	0.12	0.061	
			Fluorene	0.79	mg/Kg	0.12	0.089	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.12	0.082	
			Naphthalene	27	mg/Kg	3.6	3.4	
			Phenanthrene	0.33	mg/Kg	0.12	0.077	
			Pyrene	ND	mg/Kg	0.12	0.068	
01NE28SD149	Sediment	AK102	DRO	19000	mg/Kg	500	59	
		AK103	RRO	1900	mg/Kg	1000	1000	VJ
		DU	Total Organic Carbon (TOC)	3.8	PERCENT	0.005	0.005	
		E160.3	Total Solids	75.5	PERCENT	0.01	0.01	
		SW6010B	Chromium	26.6	mg/Kg	0.8	0.2	
			Lead	82	mg/Kg	3	1	
			Zinc	266	mg/Kg	1	0.5	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.044	0.0116	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.087	0.0139	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.044	0.006	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.044	0.0071	

Summary of Analytical Results Site 28
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD149	Sediment	SW8082	PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.044	0.0047	
			PCB-1254 (Aroclor 1254)	0.26	mg/Kg	0.044	0.0141	
			PCB-1260 (Aroclor 1260)	0.15	mg/Kg	0.044	0.0114	
		SW8270 SIM	2-Methylnaphthalene	18	mg/Kg	1.2	1.2	
			Acenaphthene	1.4	mg/Kg	1.2	0.84	
			Acenaphthylene	ND	mg/Kg	1.2	0.82	
			Anthracene	ND	mg/Kg	1.2	0.82	
			Benzo(a)anthracene	ND	mg/Kg	1.2	0.69	
			Benzo(a)pyrene	ND	mg/Kg	1.2	0.6	
			Benzo(b)fluoranthene	ND	mg/Kg	1.2	0.81	
			Benzo(g,h,i)perylene	ND	mg/Kg	1.2	0.69	
			Benzo(k)fluoranthene	ND	mg/Kg	1.2	0.62	
			Chrysene	ND	mg/Kg	1.2	0.58	
			Dibenzo(a,h)anthracene	ND	mg/Kg	1.2	0.6	
			Dibenzofuran	ND	mg/Kg	1.2	1.2	
			Fluoranthene	ND	mg/Kg	1.2	0.64	
			Fluorene	2.8	mg/Kg	1.2	0.94	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	1.2	0.86	
			Naphthalene	3.2	mg/Kg	1.2	1.2	
			Phenanthrene	1.5	mg/Kg	1.2	0.81	
			Pyrene	ND	mg/Kg	1.2	0.71	
01NE28SD150	Sediment	AK102	DRO	4600	mg/Kg	200	25	
		AK103	RRO	1300	mg/Kg	400	400	VJ
		DU	Total Organic Carbon (TOC)	3.2	PERCENT	0.005	0.005	
		E160.3	Total Solids	65.1	PERCENT	0.01	0.01	
		SW6010B	Chromium	20.9	mg/Kg	0.8	0.2	
			Lead	22	mg/Kg	3	1	
			Zinc	78.4	mg/Kg	0.9	0.4	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.047	0.0125	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.093	0.015	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.047	0.0065	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.047	0.0076	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.047	0.005	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.047	0.0151	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.047	0.0122	
		SW8270 SIM	2-Methylnaphthalene	1	mg/Kg	0.028	0.028	
			Acenaphthene	0.33	mg/Kg	0.028	0.019	
			Acenaphthylene	ND	mg/Kg	0.028	0.018	
			Anthracene	ND	mg/Kg	0.028	0.018	
			Benzo(a)anthracene	ND	mg/Kg	0.028	0.015	
			Benzo(a)pyrene	ND	mg/Kg	0.028	0.013	
			Benzo(b)fluoranthene	ND	mg/Kg	0.028	0.018	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.028	0.015	
			Benzo(k)fluoranthene	ND	mg/Kg	0.028	0.014	
			Chrysene	0.031	mg/Kg	0.028	0.013	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.028	0.013	
			Dibenzofuran	0.097	mg/Kg	0.028	0.028	
			Fluoranthene	0.031	mg/Kg	0.028	0.014	
			Fluorene	0.39	mg/Kg	0.028	0.021	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.028	0.019	
			Naphthalene	0.61	mg/Kg	0.028	0.026	
			Phenanthrene	0.25	mg/Kg	0.028	0.018	
			Pyrene	0.036	mg/Kg	0.028	0.016	
01NE28SD151	Sediment	AK102	DRO	15000	mg/Kg	500	63	
		AK103	RRO	1000	mg/Kg	1000	1000	VJ
		DU	Total Organic Carbon (TOC)	4.3	PERCENT	0.005	0.005	
		E160.3	Total Solids	66.4	PERCENT	0.01	0.01	
		SW6010B	Chromium	19.4	mg/Kg	0.7	0.2	
			Lead	21	mg/Kg	3	0.9	

Summary of Analytical Results Site 28
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD151	Sediment	SW6010B	Zinc	60.9	mg/Kg	0.9	0.4	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.047	0.0125	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.094	0.015	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.047	0.0065	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.047	0.0076	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.047	0.005	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.047	0.0151	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.047	0.0123	
		SW8270 SIM	2-Methylnaphthalene	29	mg/Kg	0.7	0.7	
			Acenaphthene	1.2	mg/Kg	0.7	0.48	
			Acenaphthylene	ND	mg/Kg	0.7	0.46	
			Anthracene	ND	mg/Kg	0.7	0.46	
			Benzo(a)anthracene	ND	mg/Kg	0.7	0.39	
			Benzo(a)pyrene	ND	mg/Kg	0.7	0.34	
			Benzo(b)fluoranthene	ND	mg/Kg	0.7	0.45	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.7	0.39	
			Benzo(k)fluoranthene	ND	mg/Kg	0.7	0.35	
			Chrysene	ND	mg/Kg	0.7	0.33	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.7	0.34	
			Dibenzofuran	ND	mg/Kg	0.7	0.7	
			Fluoranthene	ND	mg/Kg	0.7	0.36	
			Fluorene	2.4	mg/Kg	0.7	0.53	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.7	0.49	
			Naphthalene	5.6	mg/Kg	0.7	0.67	
			Phenanthrene	0.99	mg/Kg	0.7	0.45	
			Pyrene	ND	mg/Kg	0.7	0.4	
01NE28SD152	Sediment	AK102	DRO	5700	mg/Kg	200	29	
		AK103	RRO	1200	mg/Kg	400	400	VJ
		DU	Total Organic Carbon (TOC)	3.6	PERCENT	0.005	0.005	
		E160.3	Total Solids	67.9	PERCENT	0.01	0.01	
		SW6010B	Chromium	22.3	mg/Kg	0.8	0.2	
			Lead	22	mg/Kg	3	1	
			Zinc	68.7	mg/Kg	0.9	0.4	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.054	0.0143	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.11	0.0172	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.054	0.0074	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.054	0.0087	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.054	0.0057	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.054	0.0173	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.054	0.014	
		SW8270 SIM	2-Methylnaphthalene	15	mg/Kg	0.4	0.4	
			Acenaphthene	0.68	mg/Kg	0.4	0.27	
			Acenaphthylene	ND	mg/Kg	0.4	0.26	
			Anthracene	ND	mg/Kg	0.4	0.26	
			Benzo(a)anthracene	ND	mg/Kg	0.4	0.22	
			Benzo(a)pyrene	ND	mg/Kg	0.4	0.19	
			Benzo(b)fluoranthene	ND	mg/Kg	0.4	0.26	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.4	0.22	
			Benzo(k)fluoranthene	ND	mg/Kg	0.4	0.2	
			Chrysene	ND	mg/Kg	0.4	0.19	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.4	0.19	
			Dibenzofuran	ND	mg/Kg	0.4	0.4	
			Fluoranthene	ND	mg/Kg	0.4	0.2	
			Fluorene	1.2	mg/Kg	0.4	0.3	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.4	0.28	
			Naphthalene	3.4	mg/Kg	0.4	0.38	
			Phenanthrene	0.48	mg/Kg	0.4	0.26	
			Pyrene	ND	mg/Kg	0.4	0.23	
01NE28SD153	Sediment	AK102	DRO	19000	mg/Kg	1000	130	

Summary of Analytical Results Site 28
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD153	Sediment	AK103	RRO	2400	mg/Kg	2000	2000	VJ
		DU	Total Organic Carbon (TOC)	14	PERCENT	0.005	0.005	
		E160.3	Total Solids	47.1	PERCENT	0.01	0.01	
		SW6010B	Chromium	13.2	mg/Kg	0.7	0.2	
			Lead	32	mg/Kg	3	1	
			Zinc	65.5	mg/Kg	0.9	0.4	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.047	0.0125	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.093	0.015	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.047	0.0065	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.047	0.0076	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.047	0.005	
			PCB-1254 (Aroclor 1254)	0.15	mg/Kg	0.047	0.0151	
			PCB-1260 (Aroclor 1260)	0.094	mg/Kg	0.047	0.0122	
		SW8270 SIM	2-Methylnaphthalene	8.9	mg/Kg	0.67	0.67	
			Acenaphthene	1.3	mg/Kg	0.67	0.45	
			Acenaphthylene	ND	mg/Kg	0.67	0.44	
			Anthracene	ND	mg/Kg	0.67	0.44	
			Benzo(a)anthracene	ND	mg/Kg	0.67	0.37	
			Benzo(a)pyrene	ND	mg/Kg	0.67	0.32	
			Benzo(b)fluoranthene	ND	mg/Kg	0.67	0.43	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.67	0.37	
			Benzo(k)fluoranthene	ND	mg/Kg	0.67	0.33	
			Chrysene	ND	mg/Kg	0.67	0.31	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.67	0.32	
			Dibenzofuran	ND	mg/Kg	0.67	0.67	
			Fluoranthene	ND	mg/Kg	0.67	0.34	
			Fluorene	1.6	mg/Kg	0.67	0.5	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.67	0.46	
			Naphthalene	1.6	mg/Kg	0.67	0.63	
			Phenanthrene	0.67	mg/Kg	0.67	0.43	
			Pyrene	ND	mg/Kg	0.67	0.38	
01NE28SD154	Sediment	AK102	DRO	14000	mg/Kg	500	68	
		AK103	RRO	2000	mg/Kg	1000	1000	VJ
		DU	Total Organic Carbon (TOC)	12	PERCENT	0.005	0.005	
		E160.3	Total Solids	47.9	PERCENT	0.01	0.01	
		SW6010B	Chromium	17.1	mg/Kg	0.7	0.2	
			Lead	30	mg/Kg	3	0.9	
			Zinc	65.1	mg/Kg	0.9	0.4	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.05	0.0134	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.1	0.016	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.05	0.0069	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.05	0.0082	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.05	0.0054	
			PCB-1254 (Aroclor 1254)	0.17	mg/Kg	0.05	0.0162	
			PCB-1260 (Aroclor 1260)	0.082	mg/Kg	0.05	0.0131	
		SW8270 SIM	2-Methylnaphthalene	18	mg/Kg	1.4	1.4	
			Acenaphthene	ND	mg/Kg	1.4	0.94	
			Acenaphthylene	ND	mg/Kg	0.14	0.092	
			Anthracene	ND	mg/Kg	0.14	0.092	
			Benzo(a)anthracene	ND	mg/Kg	0.14	0.077	
			Benzo(a)pyrene	ND	mg/Kg	0.14	0.067	
			Benzo(b)fluoranthene	ND	mg/Kg	0.14	0.09	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.14	0.077	
			Benzo(k)fluoranthene	ND	mg/Kg	0.14	0.069	
			Chrysene	ND	mg/Kg	0.14	0.065	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.14	0.067	
			Dibenzofuran	0.39	mg/Kg	0.14	0.14	
			Fluoranthene	0.29	mg/Kg	0.14	0.071	
			Fluorene	1.8	mg/Kg	1.4	1	

Summary of Analytical Results Site 28
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD154	Sediment	SW8270 SIM	Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.14	0.096	
			Naphthalene	2.8	mg/Kg	1.4	1.3	
			Phenanthrene	1.4	mg/Kg	0.14	0.09	
			Pyrene	0.18	mg/Kg	0.14	0.079	
01NE28SD155	Sediment	AK102	DRO	88000	mg/Kg	4600	820	
		AK103	RRO	10000	mg/Kg	9200	9200	VJ
		DU	Total Organic Carbon (TOC)	10	PERCENT	0.005	0.005	
		E160.3	Total Solids	50.8	PERCENT	0.01	0.01	
		SW6010B	Chromium	649	mg/Kg	0.9	0.2	
			Lead	4590	mg/Kg	3	1	
			Zinc	4810	mg/Kg	1	0.5	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.061	0.0163	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.12	0.0195	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.061	0.0084	
			PCB-1242 (Aroclor 1242)	0.12	mg/Kg	0.061	0.01	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.061	0.0065	
			PCB-1254 (Aroclor 1254)	1.7	mg/Kg	0.061	0.0197	
			PCB-1260 (Aroclor 1260)	0.7	mg/Kg	0.061	0.016	
		SW8270 SIM	2-Methylnaphthalene	440	mg/Kg	9.1	9.1	
			Acenaphthene	14	mg/Kg	0.91	0.61	
			Acenaphthylene	ND	mg/Kg	0.91	0.6	
			Anthracene	1.6	mg/Kg	0.91	0.6	
			Benzo(a)anthracene	1.8	mg/Kg	0.91	0.5	
			Benzo(a)pyrene	1.4	mg/Kg	0.91	0.44	
			Benzo(b)fluoranthene	1.6	mg/Kg	0.91	0.59	
			Benzo(g,h,i)perylene	0.91	mg/Kg	0.91	0.5	
			Benzo(k)fluoranthene	1.6	mg/Kg	0.91	0.45	
			Chrysene	2.6	mg/Kg	0.91	0.42	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.91	0.44	
			Dibenzofuran	5.3	mg/Kg	0.91	0.91	
			Fluoranthene	4.9	mg/Kg	0.91	0.46	
			Fluorene	20	mg/Kg	0.91	0.68	
			Indeno(1,2,3-cd)pyrene	1.2	mg/Kg	0.91	0.63	
			Naphthalene	160	mg/Kg	9.1	8.6	
			Phenanthrene	17	mg/Kg	0.91	0.59	
			Pyrene	3.6	mg/Kg	0.91	0.52	
01NE28SD156	Sediment	AK102	DRO	85000	mg/Kg	4600	830	
		AK103	RRO	14000	mg/Kg	9200	9200	VJ
		DU	Total Organic Carbon (TOC)	7.3	PERCENT	0.005	0.005	
		E160.3	Total Solids	58.6	PERCENT	0.01	0.01	
		SW6010B	Chromium	19.9	mg/Kg	0.7	0.2	
			Lead	113	mg/Kg	3	0.9	
			Zinc	511	mg/Kg	0.8	0.4	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.061	0.0164	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.12	0.0196	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.061	0.0085	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.061	0.01	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.061	0.0066	
			PCB-1254 (Aroclor 1254)	0.52	mg/Kg	0.061	0.0198	
			PCB-1260 (Aroclor 1260)	0.23	mg/Kg	0.061	0.0161	
		SW8270 SIM	2-Methylnaphthalene	370	mg/Kg	9.3	9.3	
			Acenaphthene	8.3	mg/Kg	0.93	0.62	
			Acenaphthylene	ND	mg/Kg	0.93	0.61	
			Anthracene	1.8	mg/Kg	0.93	0.61	
			Benzo(a)anthracene	1.9	mg/Kg	0.93	0.51	
			Benzo(a)pyrene	1.4	mg/Kg	0.93	0.44	
			Benzo(b)fluoranthene	1.4	mg/Kg	0.93	0.6	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.93	0.51	
			Benzo(k)fluoranthene	1.9	mg/Kg	0.93	0.46	

Summary of Analytical Results Site 28
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD156	Sediment	SW8270 SIM	Chrysene	2.6	mg/Kg	0.93	0.43	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.93	0.44	
			Dibenzofuran	5.6	mg/Kg	0.93	0.93	
			Fluoranthene	5.1	mg/Kg	0.93	0.47	
			Fluorene	18	mg/Kg	0.93	0.69	
			Indeno(1,2,3-cd)pyrene	1.2	mg/Kg	0.93	0.64	
			Naphthalene	130	mg/Kg	9.3	8.8	
			Phenanthrene	16	mg/Kg	0.93	0.6	
			Pyrene	3.6	mg/Kg	0.93	0.53	
01NE28SD157	Sediment	AK102	DRO	15000	mg/Kg	1000	130	
		AK103	RRO	ND	mg/Kg	2000	2000	VQQ
		DU	Total Organic Carbon (TOC)	4	PERCENT	0.005	0.005	
		E160.3	Total Solids	65.9	PERCENT	0.01	0.01	
		SW6010B	Chromium	25.5	mg/Kg	0.7	0.2	
			Lead	20	mg/Kg	3	1	
			Zinc	64.2	mg/Kg	0.9	0.4	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.047	0.0126	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.094	0.0151	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.047	0.0065	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.047	0.0077	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.047	0.005	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.047	0.0152	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.047	0.0123	
		SW8270 SIM	2-Methylnaphthalene	3	mg/Kg	0.068	0.068	
			Acenaphthene	ND	mg/Kg	0.068	0.046	
			Acenaphthylene	ND	mg/Kg	0.068	0.045	
			Anthracene	ND	mg/Kg	0.068	0.045	
			Benzo(a)anthracene	ND	mg/Kg	0.068	0.038	
			Benzo(a)pyrene	ND	mg/Kg	0.068	0.033	
			Benzo(b)fluoranthene	ND	mg/Kg	0.068	0.044	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.068	0.038	
			Benzo(k)fluoranthene	ND	mg/Kg	0.068	0.034	
			Chrysene	ND	mg/Kg	0.068	0.032	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.068	0.033	
			Dibenzofuran	ND	mg/Kg	0.068	0.068	
			Fluoranthene	ND	mg/Kg	0.068	0.035	
			Fluorene	0.2	mg/Kg	0.068	0.051	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.068	0.047	
			Naphthalene	1	mg/Kg	0.068	0.065	
			Phenanthrene	0.075	mg/Kg	0.068	0.044	
			Pyrene	ND	mg/Kg	0.068	0.039	
01NE28SD158	Sediment	AK102	DRO	3800	mg/Kg	200	25	
		AK103	RRO	1300	mg/Kg	400	400	VJ
		DU	Total Organic Carbon (TOC)	12	PERCENT	0.005	0.005	
		E160.3	Total Solids	41	PERCENT	0.01	0.01	
		SW6010B	Chromium	8	mg/Kg	1	0.3	
			Lead	12	mg/Kg	5	2	
			Zinc	17	mg/Kg	1	0.7	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.046	0.0122	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.091	0.0146	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.046	0.0063	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.046	0.0074	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.046	0.0049	
			PCB-1254 (Aroclor 1254)	0.048	mg/Kg	0.046	0.0147	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.046	0.012	
		SW8270 SIM	2-Methylnaphthalene	38	mg/Kg	1.7	1.7	
			Acenaphthene	ND	mg/Kg	1.7	1.1	
			Acenaphthylene	ND	mg/Kg	0.034	0.022	
			Anthracene	ND	mg/Kg	0.034	0.022	

Summary of Analytical Results Site 28
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD158	Sediment	SW8270 SIM	Benzo(a)anthracene	ND	mg/Kg	0.034	0.019	
			Benzo(a)pyrene	ND	mg/Kg	0.034	0.016	
			Benzo(b)fluoranthene	ND	mg/Kg	0.034	0.022	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.034	0.019	
			Benzo(k)fluoranthene	ND	mg/Kg	0.034	0.017	
			Chrysene	ND	mg/Kg	0.034	0.016	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.034	0.016	
			Dibenzofuran	0.29	mg/Kg	0.034	0.034	
			Fluoranthene	ND	mg/Kg	0.034	0.017	
			Fluorene	0.81	mg/Kg	0.034	0.026	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.034	0.023	
			Naphthalene	18	mg/Kg	1.7	1.6	
			Phenanthrene	0.4	mg/Kg	0.034	0.022	
			Pyrene	ND	mg/Kg	0.034	0.019	
01NE28SD159	Sediment	AK102	DRO	58000	mg/Kg	5000	660	
		AK103	RRO	ND	mg/Kg	10000	10000	VQQ
		DU	Total Organic Carbon (TOC)	5.3	PERCENT	0.005	0.005	
		E160.3	Total Solids	63.6	PERCENT	0.01	0.01	
		SW6010B	Chromium	28.2	mg/Kg	0.7	0.2	
			Lead	46	mg/Kg	3	1	
			Zinc	80.4	mg/Kg	0.9	0.4	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.049	0.013	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.098	0.0156	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.049	0.0067	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.049	0.008	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.049	0.0052	
			PCB-1254 (Aroclor 1254)	0.061	mg/Kg	0.049	0.0158	
			PCB-1260 (Aroclor 1260)	0.14	mg/Kg	0.049	0.0128	
		SW8270 SIM	2-Methylnaphthalene	3	mg/Kg	1.4	1.4	
			Acenaphthene	2.1	mg/Kg	1.4	0.95	
			Acenaphthylene	ND	mg/Kg	1.4	0.93	
			Anthracene	ND	mg/Kg	1.4	0.93	
			Benzo(a)anthracene	ND	mg/Kg	1.4	0.78	
			Benzo(a)pyrene	ND	mg/Kg	1.4	0.68	
			Benzo(b)fluoranthene	ND	mg/Kg	1.4	0.91	
			Benzo(g,h,i)perylene	ND	mg/Kg	1.4	0.78	
			Benzo(k)fluoranthene	ND	mg/Kg	1.4	0.7	
			Chrysene	ND	mg/Kg	1.4	0.65	
			Dibenzo(a,h)anthracene	ND	mg/Kg	1.4	0.68	
			Dibenzofuran	ND	mg/Kg	1.4	1.4	
			Fluoranthene	ND	mg/Kg	1.4	0.72	
			Fluorene	ND	mg/Kg	1.4	1.1	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	1.4	0.97	
			Naphthalene	7.3	mg/Kg	1.4	1.3	
			Phenanthrene	ND	mg/Kg	1.4	0.91	
			Pyrene	ND	mg/Kg	1.4	0.8	
01NE28SD160	Sediment	AK102	DRO	71000	mg/Kg	5000	660	
		AK103	RRO	2000	mg/Kg	100	100	VJ
		DU	Total Organic Carbon (TOC)	4.5	PERCENT	0.005	0.005	
		E160.3	Total Solids	71.2	PERCENT	0.01	0.01	
		SW6010B	Chromium	24.5	mg/Kg	0.7	0.2	
			Lead	28	mg/Kg	3	1	
			Zinc	71.7	mg/Kg	0.9	0.4	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.049	0.0132	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.099	0.0158	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.049	0.0068	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.049	0.008	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.049	0.0053	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.049	0.0159	

Summary of Analytical Results Site 28
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD160	Sediment	SW8082	PCB-1260 (Aroclor 1260)	0.063	mg/Kg	0.049	0.0129	
		SW8270 SIM	2-Methylnaphthalene	3.4	mg/Kg	1.4	1.4	
			Acenaphthene	3.7	mg/Kg	1.4	0.96	
			Acenaphthylene	ND	mg/Kg	1.4	0.94	
			Anthracene	ND	mg/Kg	1.4	0.94	
			Benzo(a)anthracene	ND	mg/Kg	1.4	0.79	
			Benzo(a)pyrene	ND	mg/Kg	1.4	0.69	
			Benzo(b)fluoranthene	ND	mg/Kg	1.4	0.92	
			Benzo(g,h,i)perylene	ND	mg/Kg	1.4	0.79	
			Benzo(k)fluoranthene	ND	mg/Kg	1.4	0.71	
			Chrysene	ND	mg/Kg	1.4	0.66	
			Dibenzo(a,h)anthracene	ND	mg/Kg	1.4	0.69	
			Dibenzofuran	ND	mg/Kg	1.4	1.4	
			Fluoranthene	ND	mg/Kg	1.4	0.73	
			Fluorene	2.3	mg/Kg	1.4	1.1	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	1.4	0.99	
			Naphthalene	16	mg/Kg	1.4	1.4	
			Phenanthrene	ND	mg/Kg	1.4	0.92	
			Pyrene	ND	mg/Kg	1.4	0.81	
01NE28SD161	Sediment	AK102	DRO	75000	mg/Kg	5000	700	
		AK103	RRO	4000	mg/Kg	200	200	VJ
		DU	Total Organic Carbon (TOC)	3.9	PERCENT	0.005	0.005	
		E160.3	Total Solids	68.8	PERCENT	0.01	0.01	
		SW6010B	Chromium	26.8	mg/Kg	0.8	0.2	
			Lead	36	mg/Kg	3	1	
			Zinc	148	mg/Kg	1	0.5	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.052	0.0139	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.1	0.0167	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.052	0.0072	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.052	0.0085	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.052	0.0056	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.052	0.0168	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.052	0.0136	
		SW8270 SIM	2-Methylnaphthalene	260	mg/Kg	16	16	
			Acenaphthene	12	mg/Kg	1.6	1.1	
			Acenaphthylene	ND	mg/Kg	1.6	1	
			Anthracene	ND	mg/Kg	1.6	1	
			Benzo(a)anthracene	ND	mg/Kg	1.6	0.87	
			Benzo(a)pyrene	ND	mg/Kg	1.6	0.75	
			Benzo(b)fluoranthene	ND	mg/Kg	1.6	1	
			Benzo(g,h,i)perylene	ND	mg/Kg	1.6	0.87	
			Benzo(k)fluoranthene	ND	mg/Kg	1.6	0.77	
			Chrysene	ND	mg/Kg	1.6	0.73	
			Dibenzo(a,h)anthracene	ND	mg/Kg	1.6	0.75	
			Dibenzofuran	3.9	mg/Kg	1.6	1.6	
			Fluoranthene	ND	mg/Kg	1.6	0.8	
			Fluorene	18	mg/Kg	1.6	1.2	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	1.6	1.1	
			Naphthalene	54	mg/Kg	1.6	1.5	
			Phenanthrene	6.2	mg/Kg	1.6	1	
			Pyrene	ND	mg/Kg	1.6	0.89	
01NE28SD163	Sediment	AK102	DRO	56000	mg/Kg	5000	630	
		AK103	RRO	4000	mg/Kg	200	200	VJ
		DU	Total Organic Carbon (TOC)	4.1	PERCENT	0.005	0.005	
		E160.3	Total Solids	68.3	PERCENT	0.01	0.01	
		SW6010B	Chromium	21.4	mg/Kg	0.7	0.2	
			Lead	28	mg/Kg	3	0.9	
			Zinc	155	mg/Kg	0.9	0.4	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.047	0.0125	

Summary of Analytical Results Site 28
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD163	Sediment	SW8082	PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.094	0.015	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.047	0.0065	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.047	0.0077	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.047	0.005	
			PCB-1254 (Aroclor 1254)	0.073	mg/Kg	0.047	0.0152	
			PCB-1260 (Aroclor 1260)	0.18	mg/Kg	0.047	0.0123	
		SW8270 SIM	2-Methylnaphthalene	2.7	mg/Kg	1.4	1.4	
			Acenaphthene	2.3	mg/Kg	1.4	0.91	
			Acenaphthylene	ND	mg/Kg	1.4	0.89	
			Anthracene	ND	mg/Kg	1.4	0.89	
			Benzo(a)anthracene	ND	mg/Kg	1.4	0.75	
			Benzo(a)pyrene	ND	mg/Kg	1.4	0.65	
			Benzo(b)fluoranthene	ND	mg/Kg	1.4	0.87	
			Benzo(g,h,i)perylene	ND	mg/Kg	1.4	0.75	
			Benzo(k)fluoranthene	ND	mg/Kg	1.4	0.67	
			Chrysene	ND	mg/Kg	1.4	0.63	
			Dibenzo(a,h)anthracene	ND	mg/Kg	1.4	0.65	
			Dibenzofuran	ND	mg/Kg	1.4	1.4	
			Fluoranthene	ND	mg/Kg	1.4	0.69	
			Fluorene	2.6	mg/Kg	1.4	1	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	1.4	0.93	
			Naphthalene	9.5	mg/Kg	1.4	1.3	
			Phenanthrene	ND	mg/Kg	1.4	0.87	
			Pyrene	ND	mg/Kg	1.4	0.77	
01NE28SD164	Sediment	AK102	DRO	59000	mg/Kg	5000	630	
		AK103	RRO	1600	mg/Kg	100	100	VJ
		DU	Total Organic Carbon (TOC)	4	PERCENT	0.005	0.005	
		E160.3	Total Solids	71.4	PERCENT	0.01	0.01	
		SW6010B	Chromium	21.4	mg/Kg	0.7	0.2	
			Lead	22	mg/Kg	3	0.9	
			Zinc	53.2	mg/Kg	0.8	0.4	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.047	0.0126	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.094	0.0151	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.047	0.0065	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.047	0.0077	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.047	0.005	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.047	0.0152	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.047	0.0123	
		SW8270 SIM	2-Methylnaphthalene	31	mg/Kg	1.4	1.4	
			Acenaphthene	4.6	mg/Kg	1.4	0.91	
			Acenaphthylene	ND	mg/Kg	1.4	0.89	
			Anthracene	ND	mg/Kg	1.4	0.89	
			Benzo(a)anthracene	ND	mg/Kg	1.4	0.75	
			Benzo(a)pyrene	ND	mg/Kg	1.4	0.65	
			Benzo(b)fluoranthene	ND	mg/Kg	1.4	0.87	
			Benzo(g,h,i)perylene	ND	mg/Kg	1.4	0.75	
			Benzo(k)fluoranthene	ND	mg/Kg	1.4	0.67	
			Chrysene	ND	mg/Kg	1.4	0.63	
			Dibenzo(a,h)anthracene	ND	mg/Kg	1.4	0.65	
			Dibenzofuran	ND	mg/Kg	1.4	1.4	
			Fluoranthene	ND	mg/Kg	1.4	0.69	
			Fluorene	6.9	mg/Kg	1.4	1	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	1.4	0.93	
			Naphthalene	14	mg/Kg	1.4	1.3	
			Phenanthrene	ND	mg/Kg	1.4	0.87	
			Pyrene	ND	mg/Kg	1.4	0.77	
01NE28SD165	Sediment	AK102	DRO	120	mg/Kg	25	3.4	
		AK103	RRO	620	mg/Kg	50	50	VJ
		DU	Total Organic Carbon (TOC)	2.6	PERCENT	0.005	0.005	

Summary of Analytical Results Site 28
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD165	Sediment	E160.3	Total Solids	61.4	PERCENT	0.01	0.01	
		SW6010B	Chromium	27.4	mg/Kg	0.8	0.2	
			Lead	61	mg/Kg	3	1	
			Zinc	71.8	mg/Kg	1	0.5	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.05	0.0134	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.1	0.0161	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.05	0.0069	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.05	0.0082	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.05	0.0054	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.05	0.0163	
			PCB-1260 (Aroclor 1260)	0.151	mg/Kg	0.05	0.0132	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.0088	0.0088	
			Acenaphthene	ND	mg/Kg	0.0088	0.006	
			Acenaphthylene	ND	mg/Kg	0.0088	0.0058	
			Anthracene	ND	mg/Kg	0.0088	0.0058	
			Benzo(a)anthracene	ND	mg/Kg	0.0088	0.0049	
			Benzo(a)pyrene	ND	mg/Kg	0.0088	0.0042	
			Benzo(b)fluoranthene	ND	mg/Kg	0.0088	0.0057	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0088	0.0049	
			Benzo(k)fluoranthene	ND	mg/Kg	0.0088	0.0044	
			Chrysene	ND	mg/Kg	0.0088	0.0041	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0088	0.0042	
			Dibenzofuran	ND	mg/Kg	0.0088	0.0088	
			Fluoranthene	ND	mg/Kg	0.0088	0.0045	
			Fluorene	ND	mg/Kg	0.0088	0.0066	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0088	0.0061	
			Naphthalene	ND	mg/Kg	0.0088	0.0083	
			Phenanthrene	ND	mg/Kg	0.0088	0.0057	
			Pyrene	ND	mg/Kg	0.0088	0.005	
01NE28SD166	Sediment	AK102	DRO	65	mg/Kg	10	1.2	
		AK103	RRO	240	mg/Kg	20	20	VJ
		DU	Total Organic Carbon (TOC)	1.3	PERCENT	0.005	0.005	
		E160.3	Total Solids	81	PERCENT	0.01	0.01	
		SW6010B	Chromium	30.1	mg/Kg	0.6	0.2	
			Lead	18	mg/Kg	3	0.8	
			Zinc	52.2	mg/Kg	0.8	0.4	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.044	0.0117	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.087	0.014	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.044	0.006	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.044	0.0071	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.044	0.0047	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.044	0.0141	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.044	0.0114	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.0077	0.0077	
			Acenaphthene	ND	mg/Kg	0.0077	0.0052	
			Acenaphthylene	ND	mg/Kg	0.0077	0.0051	
			Anthracene	ND	mg/Kg	0.0077	0.0051	
			Benzo(a)anthracene	ND	mg/Kg	0.0077	0.0042	
			Benzo(a)pyrene	ND	mg/Kg	0.0077	0.0037	
			Benzo(b)fluoranthene	ND	mg/Kg	0.0077	0.0049	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0077	0.0042	
			Benzo(k)fluoranthene	ND	mg/Kg	0.0077	0.0038	
			Chrysene	ND	mg/Kg	0.0077	0.0036	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0077	0.0037	
			Dibenzofuran	ND	mg/Kg	0.0077	0.0077	
			Fluoranthene	ND	mg/Kg	0.0077	0.0039	
			Fluorene	ND	mg/Kg	0.0077	0.0057	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0077	0.0053	
			Naphthalene	ND	mg/Kg	0.0077	0.0072	

Summary of Analytical Results Site 28
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD166	Sediment	SW8270 SIM	Phenanthrene	ND	mg/Kg	0.0077	0.0049	
			Pyrene	ND	mg/Kg	0.0077	0.0044	
01NE28SD167	Sediment	AK102	DRO	17000	mg/Kg	1000	110	
		AK103	RRO	10000	mg/Kg	2000	2000	VJ
		DU	Total Organic Carbon (TOC)	3	PERCENT	0.005	0.005	
		E160.3	Total Solids	83.4	PERCENT	0.01	0.01	
		SW6010B	Chromium	57.1	mg/Kg	0.6	0.2	
			Lead	219	mg/Kg	3	0.8	
			Zinc	186	mg/Kg	0.8	0.4	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.17	0.0453	VQQ
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.34	0.0543	VQQ
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.17	0.0234	VQQ
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.17	0.0277	VQQ
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.17	0.0182	VQQ
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.17	0.0548	VQQ
			PCB-1260 (Aroclor 1260)	5.43	mg/Kg	0.17	0.0445	VLB
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	1.2	1.2	
			Acenaphthene	ND	mg/Kg	1.2	0.82	
			Acenaphthylene	ND	mg/Kg	1.2	0.8	
			Anthracene	ND	mg/Kg	1.2	0.8	
			Benzo(a)anthracene	ND	mg/Kg	1.2	0.68	
			Benzo(a)pyrene	ND	mg/Kg	1.2	0.59	
			Benzo(b)fluoranthene	ND	mg/Kg	1.2	0.79	
			Benzo(g,h,i)perylene	ND	mg/Kg	1.2	0.68	
			Benzo(k)fluoranthene	ND	mg/Kg	1.2	0.6	
			Chrysene	ND	mg/Kg	1.2	0.57	
			Dibenzo(a,h)anthracene	ND	mg/Kg	1.2	0.59	
			Dibenzofuran	ND	mg/Kg	1.2	1.2	
			Fluoranthene	ND	mg/Kg	1.2	0.62	
			Fluorene	ND	mg/Kg	1.2	0.91	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	1.2	0.84	
			Naphthalene	ND	mg/Kg	1.2	1.2	
			Phenanthrene	ND	mg/Kg	1.2	0.79	
			Pyrene	ND	mg/Kg	1.2	0.7	
01NE28SD168	Sediment	AK102	DRO	8200	mg/Kg	500	54	
		AK103	RRO	3000	mg/Kg	1000	1000	VJ
		DU	Total Organic Carbon (TOC)	3.1	PERCENT	0.005	0.005	
		E160.3	Total Solids	84.7	PERCENT	0.01	0.01	
		SW6010B	Chromium	24.4	mg/Kg	0.6	0.2	
			Lead	57	mg/Kg	2	0.8	
			Zinc	113	mg/Kg	0.7	0.3	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.04	0.0106	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.079	0.0126	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.04	0.0055	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.04	0.0064	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.04	0.0042	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.04	0.0128	
			PCB-1260 (Aroclor 1260)	0.68	mg/Kg	0.04	0.0104	
		SW8270 SIM	2-Methylnaphthalene	13	mg/Kg	1.2	1.2	
			Acenaphthene	ND	mg/Kg	1.2	0.8	
			Acenaphthylene	ND	mg/Kg	1.2	0.79	
			Anthracene	ND	mg/Kg	1.2	0.79	
			Benzo(a)anthracene	ND	mg/Kg	1.2	0.66	
			Benzo(a)pyrene	ND	mg/Kg	1.2	0.57	
			Benzo(b)fluoranthene	ND	mg/Kg	1.2	0.77	
			Benzo(g,h,i)perylene	ND	mg/Kg	1.2	0.66	
			Benzo(k)fluoranthene	ND	mg/Kg	1.2	0.59	
			Chrysene	ND	mg/Kg	1.2	0.55	
			Dibenzo(a,h)anthracene	ND	mg/Kg	1.2	0.57	

Summary of Analytical Results Site 28
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD168	Sediment	SW8270 SIM	Dibenzofuran	ND	mg/Kg	1.2	1.2	
			Fluoranthene	ND	mg/Kg	1.2	0.61	
			Fluorene	ND	mg/Kg	1.2	0.89	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	1.2	0.82	
			Naphthalene	4.9	mg/Kg	1.2	1.1	
			Phenanthrene	ND	mg/Kg	1.2	0.77	
			Pyrene	ND	mg/Kg	1.2	0.68	
01NE28SD169	Sediment	AK102	DRO	54000	mg/Kg	2500	300	
		AK103	RRO	6300	mg/Kg	5000	5000	VJ
		DU	Total Organic Carbon (TOC)	11	PERCENT	0.005	0.005	
		E160.3	Total Solids	57.9	PERCENT	0.01	0.01	
		SW6010B	Chromium	27.1	mg/Kg	0.7	0.2	
			Lead	48	mg/Kg	3	1	
			Zinc	94.9	mg/Kg	0.9	0.4	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.044	0.0119	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.089	0.0142	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.044	0.0061	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.044	0.0073	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.044	0.0048	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.153	0.0144	
			PCB-1260 (Aroclor 1260)	0.435	mg/Kg	0.044	0.0117	
		SW8270 SIM	2-Methylnaphthalene	38	mg/Kg	1.3	1.3	VHB
			Acenaphthene	7.9	mg/Kg	1.3	0.89	VHB
			Acenaphthylene	ND	mg/Kg	1.3	0.87	
			Anthracene	ND	mg/Kg	1.3	0.87	
			Benzo(a)anthracene	ND	mg/Kg	1.3	0.73	
			Benzo(a)pyrene	ND	mg/Kg	1.3	0.63	
			Benzo(b)fluoranthene	ND	mg/Kg	1.3	0.85	
			Benzo(g,h,i)perylene	ND	mg/Kg	1.3	0.73	
			Benzo(k)fluoranthene	ND	mg/Kg	1.3	0.65	
			Chrysene	ND	mg/Kg	1.3	0.61	
			Dibenzo(a,h)anthracene	ND	mg/Kg	1.3	0.63	
			Dibenzofuran	1.4	mg/Kg	1.3	1.3	VHB
			Fluoranthene	ND	mg/Kg	1.3	0.67	
			Fluorene	8.8	mg/Kg	1.3	0.99	VHB
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	1.3	0.91	
			Naphthalene	9.9	mg/Kg	1.3	1.2	VHB
			Phenanthrene	3.7	mg/Kg	1.3	0.85	VHB
			Pyrene	ND	mg/Kg	1.3	0.75	
01NE28SD170	Sediment	AK102	DRO	60000	mg/Kg	2500	330	
		AK103	RRO	6900	mg/Kg	5000	5000	VJ
		DU	Total Organic Carbon (TOC)	9.1	PERCENT	0.005	0.005	
		E160.3	Total Solids	71.4	PERCENT	0.01	0.01	
		SW6010B	Chromium	24.9	mg/Kg	0.7	0.2	
			Lead	36	mg/Kg	3	0.9	
			Zinc	81.4	mg/Kg	0.8	0.4	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.049	0.0131	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.098	0.0157	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.049	0.0068	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.049	0.008	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.049	0.0053	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.188	0.0159	
			PCB-1260 (Aroclor 1260)	0.541	mg/Kg	0.049	0.0129	
		SW8270 SIM	2-Methylnaphthalene	51	mg/Kg	1.4	1.4	
			Acenaphthene	12	mg/Kg	1.4	0.98	
			Acenaphthylene	ND	mg/Kg	1.4	0.96	
			Anthracene	ND	mg/Kg	1.4	0.96	
			Benzo(a)anthracene	ND	mg/Kg	1.4	0.8	
			Benzo(a)pyrene	ND	mg/Kg	1.4	0.7	

Summary of Analytical Results Site 28
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD170	Sediment	SW8270 SIM	Benzo(b)fluoranthene	ND	mg/Kg	1.4	0.93	
			Benzo(g,h,i)perylene	ND	mg/Kg	1.4	0.8	
			Benzo(k)fluoranthene	ND	mg/Kg	1.4	0.72	
			Chrysene	ND	mg/Kg	1.4	0.67	
			Dibenzo(a,h)anthracene	ND	mg/Kg	1.4	0.7	
			Dibenzofuran	2.3	mg/Kg	1.4	1.4	
			Fluoranthene	ND	mg/Kg	1.4	0.74	
			Fluorene	16	mg/Kg	1.4	1.1	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	1.4	1	
			Naphthalene	14	mg/Kg	1.4	1.4	
			Phenanthrene	5.9	mg/Kg	1.4	0.93	
			Pyrene	ND	mg/Kg	1.4	0.83	
01NE28SD171	Sediment	AK102	DRO	2200	mg/Kg	94	17	
		AK103	RRO	4200	mg/Kg	190	190	VJ
		DU	Total Organic Carbon (TOC)	24	PERCENT	0.081	0.005	
		E160.3	Total Solids	16	PERCENT	0.01	0.01	
		SW6010B	Chromium	9	mg/Kg	4	1	
			Lead	ND	mg/Kg	20	5	
			Zinc	19	mg/Kg	5	2	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.25	0.0672	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.5	0.0805	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.25	0.0347	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.25	0.041	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.25	0.0269	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.25	0.0813	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.25	0.0659	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.045	0.045	
			Acenaphthene	ND	mg/Kg	0.045	0.03	
			Acenaphthylene	ND	mg/Kg	0.045	0.03	
			Anthracene	ND	mg/Kg	0.045	0.03	
			Benzo(a)anthracene	ND	mg/Kg	0.045	0.025	
			Benzo(a)pyrene	ND	mg/Kg	0.045	0.022	
			Benzo(b)fluoranthene	ND	mg/Kg	0.045	0.029	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.045	0.025	
			Benzo(k)fluoranthene	ND	mg/Kg	0.045	0.022	
			Chrysene	ND	mg/Kg	0.045	0.021	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.045	0.022	
			Dibenzofuran	ND	mg/Kg	0.045	0.045	
			Fluoranthene	ND	mg/Kg	0.045	0.023	
			Fluorene	ND	mg/Kg	0.045	0.034	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.045	0.031	
			Naphthalene	ND	mg/Kg	0.045	0.043	
			Phenanthrene	ND	mg/Kg	0.045	0.029	
			Pyrene	ND	mg/Kg	0.045	0.026	
01NE28SD172	Sediment	AK102	DRO	5700	mg/Kg	220	39	
		AK103	RRO	360	mg/Kg	43	43	VJ
		DU	Total Organic Carbon (TOC)	25	PERCENT	0.076	0.005	
		E160.3	Total Solids	12.2	PERCENT	0.01	0.01	
		SW6010B	Chromium	15	mg/Kg	3	0.8	
			Lead	30	mg/Kg	10	4	
			Zinc	104	mg/Kg	4	2	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.29	0.0763	VQQ
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.57	0.0914	VQQ
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.29	0.0394	VQQ
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.29	0.0466	VQQ
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.29	0.0306	VQQ
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.29	0.0923	VQQ
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.29	0.0749	VQQ
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	4.2	4.2	

Summary of Analytical Results Site 28
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD172	Sediment	SW8270 SIM	Acenaphthene	ND	mg/Kg	4.2	2.8	
			Acenaphthylene	ND	mg/Kg	4.2	2.8	
			Anthracene	ND	mg/Kg	4.2	2.8	
			Benzo(a)anthracene	ND	mg/Kg	4.2	2.3	
			Benzo(a)pyrene	ND	mg/Kg	4.2	2	
			Benzo(b)fluoranthene	ND	mg/Kg	4.2	2.7	
			Benzo(g,h,i)perylene	ND	mg/Kg	4.2	2.3	
			Benzo(k)fluoranthene	ND	mg/Kg	4.2	2.1	
			Chrysene	ND	mg/Kg	4.2	1.9	
			Dibenzo(a,h)anthracene	ND	mg/Kg	4.2	2	
			Dibenzofuran	ND	mg/Kg	4.2	4.2	
			Fluoranthene	ND	mg/Kg	4.2	2.1	
			Fluorene	ND	mg/Kg	4.2	3.1	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	4.2	2.9	
			Naphthalene	ND	mg/Kg	4.2	3.9	
			Phenanthrene	ND	mg/Kg	4.2	2.7	
			Pyrene	ND	mg/Kg	4.2	2.4	
01NE28SD173	Sediment	AK102	DRO	1600	mg/Kg	93	17	
		AK103	RRO	2100	mg/Kg	190	190	VJ
		DU	Total Organic Carbon (TOC)	16	PERCENT	0.068	0.005	
		E160.3	Total Solids	31.2	PERCENT	0.01	0.01	
		SW6010B	Chromium	29	mg/Kg	1	0.3	
			Lead	22	mg/Kg	5	2	
			Zinc	54	mg/Kg	2	0.7	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.12	0.0332	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.25	0.0398	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.12	0.0171	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.12	0.0202	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.12	0.0133	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.12	0.0401	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.12	0.0325	
		SW8270 SIM	2-Methylnaphthalene	1.4	mg/Kg	0.054	0.054	
			Acenaphthene	ND	mg/Kg	0.054	0.037	
			Acenaphthylene	ND	mg/Kg	0.054	0.036	
			Anthracene	ND	mg/Kg	0.054	0.036	
			Benzo(a)anthracene	ND	mg/Kg	0.054	0.03	
			Benzo(a)pyrene	ND	mg/Kg	0.054	0.026	
			Benzo(b)fluoranthene	ND	mg/Kg	0.054	0.035	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.054	0.03	
			Benzo(k)fluoranthene	ND	mg/Kg	0.054	0.027	
			Chrysene	ND	mg/Kg	0.054	0.025	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.054	0.026	
			Dibenzofuran	ND	mg/Kg	0.054	0.054	
			Fluoranthene	ND	mg/Kg	0.054	0.028	
			Fluorene	0.087	mg/Kg	0.054	0.041	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.054	0.037	
			Naphthalene	2	mg/Kg	0.054	0.051	
			Phenanthrene	ND	mg/Kg	0.054	0.035	
			Pyrene	ND	mg/Kg	0.054	0.031	
01NE28SD174	Sediment	AK102	DRO	950	mg/Kg	11	1.9	
		AK103	RRO	2000	mg/Kg	21	21	VJ
		DU	Total Organic Carbon (TOC)	10	PERCENT	0.005	0.005	
		E160.3	Total Solids	40.9	PERCENT	0.01	0.01	
		SW6010B	Chromium	26.1	mg/Kg	0.8	0.2	
			Lead	14	mg/Kg	3	1	
			Zinc	47.9	mg/Kg	1	0.5	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.071	0.0191	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.14	0.0229	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.071	0.0099	

Summary of Analytical Results Site 28
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD174	Sediment	SW8082	PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.071	0.0116	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.071	0.0076	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.071	0.0231	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.071	0.0187	
		SW8270 SIM	2-Methylnaphthalene	0.66	mg/Kg	0.031	0.031	
			Acenaphthene	0.031	mg/Kg	0.031	0.021	
			Acenaphthylene	ND	mg/Kg	0.031	0.02	
			Anthracene	ND	mg/Kg	0.031	0.02	
			Benzo(a)anthracene	ND	mg/Kg	0.031	0.017	
			Benzo(a)pyrene	ND	mg/Kg	0.031	0.015	
			Benzo(b)fluoranthene	ND	mg/Kg	0.031	0.02	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.031	0.017	
			Benzo(k)fluoranthene	ND	mg/Kg	0.031	0.015	
			Chrysene	ND	mg/Kg	0.031	0.014	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.031	0.015	
			Dibenzofuran	ND	mg/Kg	0.031	0.031	
			Fluoranthene	ND	mg/Kg	0.031	0.016	
			Fluorene	0.062	mg/Kg	0.031	0.023	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.031	0.021	
			Naphthalene	0.33	mg/Kg	0.031	0.029	
			Phenanthrene	ND	mg/Kg	0.031	0.02	
			Pyrene	ND	mg/Kg	0.031	0.018	
01NE28SD175	Sediment	AK102	DRO	280	mg/Kg	14	2.4	VLB
		AK103	RRO	1200	mg/Kg	27	27	VJ
		DU	Total Organic Carbon (TOC)	22	PERCENT	0.081	0.005	
		E160.3	Total Solids	20.2	PERCENT	0.01	0.01	
		SW6010B	Chromium	14	mg/Kg	3	0.7	
			Lead	30	mg/Kg	10	3	
			Zinc	48	mg/Kg	3	1	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.18	0.0481	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.36	0.0577	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.18	0.0249	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.18	0.0294	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.18	0.0193	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.18	0.0582	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.18	0.0472	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.033	0.033	VQQ
			Acenaphthene	ND	mg/Kg	0.033	0.022	VQQ
			Acenaphthylene	ND	mg/Kg	0.033	0.022	VQQ
			Anthracene	ND	mg/Kg	0.033	0.022	VQQ
			Benzo(a)anthracene	ND	mg/Kg	0.033	0.018	VQQ
			Benzo(a)pyrene	ND	mg/Kg	0.033	0.016	VQQ
			Benzo(b)fluoranthene	ND	mg/Kg	0.033	0.021	VQQ
			Benzo(g,h,i)perylene	ND	mg/Kg	0.033	0.018	VQQ
			Benzo(k)fluoranthene	ND	mg/Kg	0.033	0.016	VQQ
			Chrysene	ND	mg/Kg	0.033	0.015	VQQ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.033	0.016	VQQ
			Dibenzofuran	ND	mg/Kg	0.033	0.033	VQQ
			Fluoranthene	ND	mg/Kg	0.033	0.017	VQQ
			Fluorene	ND	mg/Kg	0.033	0.024	VQQ
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.033	0.022	VQQ
			Naphthalene	ND	mg/Kg	0.033	0.031	VQQ
			Phenanthrene	ND	mg/Kg	0.033	0.021	VQQ
			Pyrene	ND	mg/Kg	0.033	0.019	VQQ
01NE28SD176	Sediment	AK102	DRO	790	mg/Kg	22	4	VLB
		AK103	RRO	1400	mg/Kg	44	44	VJ
		DU	Total Organic Carbon (TOC)	43	PERCENT	0.065	0.005	
		E160.3	Total Solids	14.8	PERCENT	0.01	0.01	
		SW6010B	Chromium	12	mg/Kg	3	0.9	

Summary of Analytical Results Site 28
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD176	Sediment	SW6010B	Lead	20	mg/Kg	10	4	
			Zinc	68	mg/Kg	4	2	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.29	0.0785	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.59	0.0941	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.29	0.0406	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.29	0.0479	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.29	0.0315	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.29	0.095	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.29	0.0771	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.052	0.052	
			Acenaphthene	ND	mg/Kg	0.052	0.035	
			Acenaphthylene	ND	mg/Kg	0.052	0.035	
			Anthracene	ND	mg/Kg	0.052	0.035	
			Benzo(a)anthracene	ND	mg/Kg	0.052	0.029	
			Benzo(a)pyrene	ND	mg/Kg	0.052	0.025	
			Benzo(b)fluoranthene	ND	mg/Kg	0.052	0.034	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.052	0.029	
			Benzo(k)fluoranthene	ND	mg/Kg	0.052	0.026	
			Chrysene	ND	mg/Kg	0.052	0.024	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.052	0.025	
			Dibenzofuran	ND	mg/Kg	0.052	0.052	
			Fluoranthene	ND	mg/Kg	0.052	0.027	
			Fluorene	ND	mg/Kg	0.052	0.039	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.052	0.036	
			Naphthalene	ND	mg/Kg	0.052	0.05	
			Phenanthrene	ND	mg/Kg	0.052	0.034	
			Pyrene	ND	mg/Kg	0.052	0.03	
01NE28SD177	Sediment	AK102	DRO	12000	mg/Kg	440	78	
		AK103	RRO	1200	mg/Kg	870	870	VJ
		DU	Total Organic Carbon (TOC)	21	PERCENT	0.039	0.005	
		E160.3	Total Solids	27.6	PERCENT	0.01	0.01	
		SW6010B	Chromium	20	mg/Kg	2	0.5	
			Lead	39	mg/Kg	8	3	
			Zinc	62	mg/Kg	2	1	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.12	0.031	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.23	0.0371	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.12	0.016	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.12	0.0189	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.12	0.0124	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.12	0.0374	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.12	0.0304	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	1.7	1.7	
			Acenaphthene	ND	mg/Kg	1.7	1.2	
			Acenaphthylene	ND	mg/Kg	1.7	1.1	
			Anthracene	ND	mg/Kg	1.7	1.1	
			Benzo(a)anthracene	ND	mg/Kg	1.7	0.96	
			Benzo(a)pyrene	ND	mg/Kg	1.7	0.83	
			Benzo(b)fluoranthene	ND	mg/Kg	1.7	1.1	
			Benzo(g,h,i)perylene	ND	mg/Kg	1.7	0.96	
			Benzo(k)fluoranthene	ND	mg/Kg	1.7	0.85	
			Chrysene	ND	mg/Kg	1.7	0.8	
			Dibenzo(a,h)anthracene	ND	mg/Kg	1.7	0.83	
			Dibenzofuran	ND	mg/Kg	1.7	1.7	
			Fluoranthene	ND	mg/Kg	1.7	0.88	
			Fluorene	ND	mg/Kg	1.7	1.3	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	1.7	1.2	
			Naphthalene	ND	mg/Kg	1.7	1.6	
			Phenanthrene	ND	mg/Kg	1.7	1.1	
			Pyrene	ND	mg/Kg	1.7	0.98	

Summary of Analytical Results Site 28
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD178	Sediment	AK102	DRO	45000	mg/Kg	1600	290	
		AK103	RRO	2200	mg/Kg	330	330	VJ
		DU	Total Organic Carbon (TOC)	9.7	PERCENT	0.034	0.005	
		E160.3	Total Solids	33.8	PERCENT	0.01	0.01	
		SW6010B	Chromium	21	mg/Kg	2	0.4	
			Lead	33	mg/Kg	6	2	
			Zinc	66	mg/Kg	2	0.9	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.11	0.029	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.22	0.0348	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.11	0.015	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.11	0.0177	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.11	0.0116	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.11	0.0351	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.11	0.0285	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	3.1	3.1	
			Acenaphthene	ND	mg/Kg	3.1	2.1	
			Acenaphthylene	ND	mg/Kg	3.1	2.1	
			Anthracene	ND	mg/Kg	3.1	2.1	
			Benzo(a)anthracene	ND	mg/Kg	3.1	1.7	
			Benzo(a)pyrene	ND	mg/Kg	3.1	1.5	
			Benzo(b)fluoranthene	ND	mg/Kg	3.1	2	
			Benzo(g,h,i)perylene	ND	mg/Kg	3.1	1.7	
			Benzo(k)fluoranthene	ND	mg/Kg	3.1	1.5	
			Chrysene	ND	mg/Kg	3.1	1.5	
			Dibenzo(a,h)anthracene	ND	mg/Kg	3.1	1.5	
			Dibenzofuran	ND	mg/Kg	3.1	3.1	
			Fluoranthene	ND	mg/Kg	3.1	1.6	
			Fluorene	ND	mg/Kg	3.1	2.3	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	3.1	2.2	
			Naphthalene	ND	mg/Kg	3.1	3	
			Phenanthrene	ND	mg/Kg	3.1	2	
			Pyrene	ND	mg/Kg	3.1	1.8	
01NE28SD179	Sediment	AK102	DRO	9600	mg/Kg	500	59	
		AK103	RRO	1300	mg/Kg	1000	1000	VJ
		DU	Total Organic Carbon (TOC)	4.5	PERCENT	0.005	0.005	
		E160.3	Total Solids	72.8	PERCENT	0.01	0.01	
		SW6010B	Chromium	14.4	mg/Kg	0.7	0.2	
			Lead	24	mg/Kg	3	0.9	
			Zinc	49.3	mg/Kg	0.9	0.4	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.043	0.0116	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.087	0.0139	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.043	0.006	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.043	0.0071	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.043	0.0047	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.043	0.014	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.043	0.0114	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	1.2	1.2	
			Acenaphthene	ND	mg/Kg	1.2	0.84	
			Acenaphthylene	ND	mg/Kg	1.2	0.82	
			Anthracene	ND	mg/Kg	1.2	0.82	
			Benzo(a)anthracene	ND	mg/Kg	1.2	0.69	
			Benzo(a)pyrene	ND	mg/Kg	1.2	0.6	
			Benzo(b)fluoranthene	ND	mg/Kg	1.2	0.81	
			Benzo(g,h,i)perylene	ND	mg/Kg	1.2	0.69	
			Benzo(k)fluoranthene	ND	mg/Kg	1.2	0.62	
			Chrysene	ND	mg/Kg	1.2	0.58	
			Dibenzo(a,h)anthracene	ND	mg/Kg	1.2	0.6	
			Dibenzofuran	ND	mg/Kg	1.2	1.2	
			Fluoranthene	ND	mg/Kg	1.2	0.64	

Summary of Analytical Results Site 28
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD179	Sediment	SW8270 SIM	Fluorene	ND	mg/Kg	1.2	0.94	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	1.2	0.86	
			Naphthalene	ND	mg/Kg	1.2	1.2	
			Phenanthrene	ND	mg/Kg	1.2	0.81	
			Pyrene	ND	mg/Kg	1.2	0.71	
01NE28SD180	Sediment	AK102	DRO	8900	mg/Kg	560	100	
		AK103	RRO	1900	mg/Kg	1100	1100	VJ
		DU	Total Organic Carbon (TOC)	3.4	PERCENT	0.005	0.005	
		E160.3	Total Solids	72	PERCENT	0.01	0.01	
		SW6010B	Chromium	31.3	mg/Kg	0.8	0.2	
			Lead	42	mg/Kg	3	1	
			Zinc	99.5	mg/Kg	0.9	0.4	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.074	0.0198	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.15	0.0237	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.074	0.0102	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.074	0.0121	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.074	0.0079	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.074	0.0239	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.074	0.0194	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	1.1	1.1	
			Acenaphthene	ND	mg/Kg	1.1	0.73	
			Acenaphthylene	ND	mg/Kg	1.1	0.72	
			Anthracene	ND	mg/Kg	1.1	0.72	
			Benzo(a)anthracene	ND	mg/Kg	1.1	0.6	
			Benzo(a)pyrene	ND	mg/Kg	1.1	0.52	
			Benzo(b)fluoranthene	ND	mg/Kg	1.1	0.7	
			Benzo(g,h,i)perylene	ND	mg/Kg	1.1	0.6	
			Benzo(k)fluoranthene	ND	mg/Kg	1.1	0.54	
			Chrysene	ND	mg/Kg	1.1	0.51	
			Dibenzo(a,h)anthracene	ND	mg/Kg	1.1	0.52	
			Dibenzofuran	ND	mg/Kg	1.1	1.1	
			Fluoranthene	ND	mg/Kg	1.1	0.55	
			Fluorene	ND	mg/Kg	1.1	0.82	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	1.1	0.75	
			Naphthalene	ND	mg/Kg	1.1	1	
			Phenanthrene	ND	mg/Kg	1.1	0.7	
			Pyrene	ND	mg/Kg	1.1	0.62	
01NE28SD181	Sediment	AK102	DRO	4100	mg/Kg	100	13	
		AK103	RRO	1700	mg/Kg	200	200	VJ
		DU	Total Organic Carbon (TOC)	3.4	PERCENT	0.005	0.005	
		E160.3	Total Solids	73	PERCENT	0.01	0.01	
		SW6010B	Chromium	19	mg/Kg	1	0.3	
			Lead	30	mg/Kg	4	1	
			Zinc	124	mg/Kg	1	0.6	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.047	0.0126	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.094	0.0151	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.047	0.0065	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.047	0.0077	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.047	0.0051	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.047	0.0152	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.047	0.0124	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	1.4	1.4	
			Acenaphthene	ND	mg/Kg	1.4	0.92	
			Acenaphthylene	ND	mg/Kg	1.4	0.9	
			Anthracene	1.9	mg/Kg	1.4	0.9	
			Benzo(a)anthracene	4.4	mg/Kg	1.4	0.76	
			Benzo(a)pyrene	2.3	mg/Kg	1.4	0.66	
			Benzo(b)fluoranthene	2.6	mg/Kg	1.4	0.88	
			Benzo(g,h,i)perylene	ND	mg/Kg	1.4	0.76	

Summary of Analytical Results Site 28
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD181	Sediment	SW8270 SIM	Benzo(k)fluoranthene	2.7	mg/Kg	1.4	0.68	
			Chrysene	5.5	mg/Kg	1.4	0.64	
			Dibenzo(a,h)anthracene	ND	mg/Kg	1.4	0.66	
			Dibenzofuran	ND	mg/Kg	1.4	1.4	
			Fluoranthene	9.3	mg/Kg	1.4	0.7	
			Fluorene	ND	mg/Kg	1.4	1	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	1.4	0.95	
			Naphthalene	ND	mg/Kg	1.4	1.3	
			Phenanthrene	4.1	mg/Kg	1.4	0.88	
			Pyrene	7.5	mg/Kg	1.4	0.78	
01NE28SD182	Sediment	AK102	DRO	1400	mg/Kg	170	31	
		AK103	RRO	2100	mg/Kg	340	340	VJ
		DU	Total Organic Carbon (TOC)	11	PERCENT	0.005	0.005	
		E160.3	Total Solids	36.4	PERCENT	0.01	0.01	
		SW6010B	Chromium	21	mg/Kg	1	0.4	
			Lead	39	mg/Kg	5	2	
			Zinc	65	mg/Kg	2	0.8	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.11	0.0303	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.23	0.0363	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.11	0.0156	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.11	0.0185	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.11	0.0121	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.11	0.0366	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.11	0.0297	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.068	0.068	
			Acenaphthene	ND	mg/Kg	0.068	0.046	
			Acenaphthylene	ND	mg/Kg	0.068	0.045	
			Anthracene	ND	mg/Kg	0.068	0.045	
			Benzo(a)anthracene	ND	mg/Kg	0.068	0.038	
			Benzo(a)pyrene	ND	mg/Kg	0.068	0.033	
			Benzo(b)fluoranthene	ND	mg/Kg	0.068	0.044	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.068	0.038	
			Benzo(k)fluoranthene	ND	mg/Kg	0.068	0.034	
			Chrysene	ND	mg/Kg	0.068	0.032	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.068	0.033	
			Dibenzofuran	ND	mg/Kg	0.068	0.068	
			Fluoranthene	ND	mg/Kg	0.068	0.035	
			Fluorene	ND	mg/Kg	0.068	0.051	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.068	0.047	
			Naphthalene	ND	mg/Kg	0.068	0.064	
			Phenanthrene	ND	mg/Kg	0.068	0.044	
			Pyrene	ND	mg/Kg	0.068	0.039	
01NE28SD183	Sediment	SW8081	4,4'-DDD	0.21	mg/Kg	0.035	0.0016	
			4,4'-DDE	ND	mg/Kg	0.018	0.0003	
			4,4'-DDT	ND	mg/Kg	0.014	0.0005	
			Aldrin	ND	mg/Kg	0.0035	0.0001	
			alpha-BHC	ND	mg/Kg	0.0063	0.0002	
			alpha-Chlordane	ND	mg/Kg	0.0035	0.0001	
			beta-BHC	0.012	mg/Kg	0.0035	0.0002	
			delta-BHC	ND	mg/Kg	0.0035	0.0002	
			Dieldrin	ND	mg/Kg	0.011	0.0002	
			Endosulfan I	ND	mg/Kg	0.0035	0.0002	
			Endosulfan II	ND	mg/Kg	0.007	0.0004	
			Endosulfan sulfate	ND	mg/Kg	0.011	0.0006	
			Endrin	ND	mg/Kg	0.007	0.0002	
			Endrin aldehyde	ND	mg/Kg	0.007	0.0004	
			Endrin ketone	ND	mg/Kg	0.007	0.0007	
			gamma-BHC (Lindane)	ND	mg/Kg	0.0039	0.0002	
			gamma-Chlordane	ND	mg/Kg	0.0064	0.0001	

Summary of Analytical Results Site 28
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD183	Sediment	SW8081	Heptachlor	0.0046	mg/Kg	0.0035	0.0002	
			Heptachlor epoxide	ND	mg/Kg	0.0035	0.0002	
			Methoxychlor	ND	mg/Kg	0.035	0.0021	
			Toxaphene	ND	mg/Kg	0.35	0.016	
01NE28SD184	Sediment	SW8081	4,4'-DDD	0.027	mg/Kg	0.0054	0.0002	
			4,4'-DDE	ND	mg/Kg	0.0054	0.0002	
			4,4'-DDT	ND	mg/Kg	0.0054	0.0004	
			Aldrin	ND	mg/Kg	0.0027	1E-04	
			alpha-BHC	ND	mg/Kg	0.0027	0.0002	
			alpha-Chlordane	ND	mg/Kg	0.0027	8E-05	
			beta-BHC	ND	mg/Kg	0.0027	0.0002	
			delta-BHC	ND	mg/Kg	0.0027	0.0001	
			Dieldrin	ND	mg/Kg	0.0054	0.0002	
			Endosulfan I	ND	mg/Kg	0.0027	0.0002	
			Endosulfan II	ND	mg/Kg	0.0054	0.0003	
			Endosulfan sulfate	ND	mg/Kg	0.0054	0.0005	
			Endrin	ND	mg/Kg	0.0054	0.0002	
			Endrin aldehyde	ND	mg/Kg	0.0054	0.0003	
			Endrin ketone	ND	mg/Kg	0.0054	0.0006	
			gamma-BHC (Lindane)	ND	mg/Kg	0.0027	0.0001	
			gamma-Chlordane	ND	mg/Kg	0.0027	0.0001	
			Heptachlor	ND	mg/Kg	0.0027	0.0001	
			Heptachlor epoxide	ND	mg/Kg	0.0027	0.0001	
			Methoxychlor	ND	mg/Kg	0.027	0.0016	
			Toxaphene	ND	mg/Kg	0.27	0.012	
01NE28SD185	Sediment	SW8081	4,4'-DDD	1.5	mg/Kg	0.26	0.012	
			4,4'-DDE	ND	mg/Kg	0.11	0.0003	
			4,4'-DDT	ND	mg/Kg	0.032	0.0005	
			Aldrin	ND	mg/Kg	0.0033	0.0001	
			alpha-BHC	ND	mg/Kg	0.004	0.0002	
			alpha-Chlordane	ND	mg/Kg	0.0033	1E-04	
			beta-BHC	ND	mg/Kg	0.0064	0.0002	
			delta-BHC	ND	mg/Kg	0.0033	0.0001	
			Dieldrin	ND	mg/Kg	0.097	0.0002	
			Endosulfan I	ND	mg/Kg	0.0033	0.0002	
			Endosulfan II	ND	mg/Kg	0.0083	0.0004	
			Endosulfan sulfate	ND	mg/Kg	0.058	0.0006	
			Endrin	ND	mg/Kg	0.0066	0.0002	
			Endrin aldehyde	ND	mg/Kg	0.038	0.0004	
			Endrin ketone	ND	mg/Kg	0.0066	0.0007	
			gamma-BHC (Lindane)	ND	mg/Kg	0.0033	0.0001	
			gamma-Chlordane	ND	mg/Kg	0.032	0.0001	
			Heptachlor	ND	mg/Kg	0.0033	0.0001	
			Heptachlor epoxide	ND	mg/Kg	0.0033	0.0001	
			Methoxychlor	ND	mg/Kg	0.033	0.002	
			Toxaphene	ND	mg/Kg	0.33	0.015	
01NE28SD186	Sediment	SW8081	4,4'-DDD	0.47	mg/Kg	0.1	0.0045	
			4,4'-DDE	ND	mg/Kg	0.018	0.0002	
			4,4'-DDT	ND	mg/Kg	0.014	0.0003	
			Aldrin	ND	mg/Kg	0.0025	9E-05	
			alpha-BHC	ND	mg/Kg	0.004	0.0001	
			alpha-Chlordane	ND	mg/Kg	0.0025	8E-05	
			beta-BHC	ND	mg/Kg	0.0063	0.0002	
			delta-BHC	ND	mg/Kg	0.0025	0.0001	
			Dieldrin	ND	mg/Kg	0.005	0.0002	
			Endosulfan I	ND	mg/Kg	0.0025	0.0001	
			Endosulfan II	ND	mg/Kg	0.0087	0.0003	
			Endosulfan sulfate	0.0086	mg/Kg	0.005	0.0004	
			Endrin	ND	mg/Kg	0.005	0.0002	

Summary of Analytical Results Site 28
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD186	Sediment	SW8081	Endrin aldehyde	ND	mg/Kg	0.005	0.0003	
			Endrin ketone	ND	mg/Kg	0.005	0.0005	
			gamma-BHC (Lindane)	0.0065	mg/Kg	0.0025	0.0001	
			gamma-Chlordane	ND	mg/Kg	0.0064	1E-04	
			Heptachlor	0.0044	mg/Kg	0.0025	0.0001	
			Heptachlor epoxide	ND	mg/Kg	0.0025	0.0001	
			Methoxychlor	ND	mg/Kg	0.025	0.0015	
			Toxaphene	ND	mg/Kg	0.25	0.011	
01NE28SD187	Sediment	SW8081	4,4'-DDD	0.0072	mg/Kg	0.0066	0.0003	
			4,4'-DDE	ND	mg/Kg	0.0066	0.0003	
			4,4'-DDT	ND	mg/Kg	0.0066	0.0005	
			Aldrin	ND	mg/Kg	0.0033	0.0001	
			alpha-BHC	ND	mg/Kg	0.0033	0.0002	
			alpha-Chlordane	ND	mg/Kg	0.0033	0.0001	
			beta-BHC	ND	mg/Kg	0.0033	0.0002	
			delta-BHC	ND	mg/Kg	0.0033	0.0002	
			Dieldrin	ND	mg/Kg	0.0066	0.0002	
			Endosulfan I	ND	mg/Kg	0.0033	0.0002	
			Endosulfan II	ND	mg/Kg	0.0066	0.0004	
			Endosulfan sulfate	ND	mg/Kg	0.0066	0.0006	
			Endrin	ND	mg/Kg	0.0066	0.0002	
			Endrin aldehyde	ND	mg/Kg	0.0066	0.0004	
			Endrin ketone	ND	mg/Kg	0.0066	0.0007	
			gamma-BHC (Lindane)	ND	mg/Kg	0.0033	0.0001	
			gamma-Chlordane	ND	mg/Kg	0.0033	0.0001	
			Heptachlor	ND	mg/Kg	0.0033	0.0002	
			Heptachlor epoxide	ND	mg/Kg	0.0033	0.0002	
			Methoxychlor	ND	mg/Kg	0.033	0.002	
			Toxaphene	ND	mg/Kg	0.33	0.015	
01NE28SD188	Sediment	SW8081	4,4'-DDD	ND	mg/Kg	0.034	0.0015	
			4,4'-DDE	ND	mg/Kg	0.034	0.0013	
			4,4'-DDT	ND	mg/Kg	0.034	0.0023	
			Aldrin	ND	mg/Kg	0.017	0.0006	
			alpha-BHC	ND	mg/Kg	0.017	0.0009	
			alpha-Chlordane	ND	mg/Kg	0.017	0.0005	
			beta-BHC	ND	mg/Kg	0.017	0.001	
			delta-BHC	ND	mg/Kg	0.017	0.0007	
			Dieldrin	ND	mg/Kg	0.034	0.001	
			Endosulfan I	ND	mg/Kg	0.017	0.0009	
			Endosulfan II	ND	mg/Kg	0.034	0.0021	
			Endosulfan sulfate	ND	mg/Kg	0.034	0.0028	
			Endrin	ND	mg/Kg	0.034	0.001	
			Endrin aldehyde	ND	mg/Kg	0.034	0.0019	
			Endrin ketone	ND	mg/Kg	0.034	0.0034	
			gamma-BHC (Lindane)	ND	mg/Kg	0.017	0.0007	
			gamma-Chlordane	ND	mg/Kg	0.017	0.0006	
			Heptachlor	ND	mg/Kg	0.017	0.0007	
			Heptachlor epoxide	ND	mg/Kg	0.017	0.0007	
			Methoxychlor	ND	mg/Kg	0.17	0.01	
			Toxaphene	ND	mg/Kg	1.7	0.076	
01NE28SD189	Sediment	SW8081	4,4'-DDD	ND	mg/Kg	0.031	0.0014	
			4,4'-DDE	ND	mg/Kg	0.031	0.0012	
			4,4'-DDT	ND	mg/Kg	0.031	0.0021	
			Aldrin	ND	mg/Kg	0.015	0.0006	
			alpha-BHC	ND	mg/Kg	0.015	0.0008	
			alpha-Chlordane	ND	mg/Kg	0.015	0.0005	
			beta-BHC	ND	mg/Kg	0.015	0.0009	
			delta-BHC	ND	mg/Kg	0.015	0.0007	
			Dieldrin	ND	mg/Kg	0.031	0.0009	

Summary of Analytical Results Site 28
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD189	Sediment	SW8081	Endosulfan I	ND	mg/Kg	0.015	0.0008	
			Endosulfan II	ND	mg/Kg	0.031	0.0019	
			Endosulfan sulfate	ND	mg/Kg	0.031	0.0026	
			Endrin	ND	mg/Kg	0.031	0.0009	
			Endrin aldehyde	ND	mg/Kg	0.031	0.0017	
			Endrin ketone	ND	mg/Kg	0.031	0.0031	
			gamma-BHC (Lindane)	ND	mg/Kg	0.015	0.0006	
			gamma-Chlordane	ND	mg/Kg	0.015	0.0006	
			Heptachlor	ND	mg/Kg	0.015	0.0007	
			Heptachlor epoxide	ND	mg/Kg	0.015	0.0007	
			Methoxychlor	ND	mg/Kg	0.15	0.0092	
			Toxaphene	ND	mg/Kg	1.5	0.069	
01NE28SD190	Sediment	SW8081	4,4'-DDD	ND	mg/Kg	0.01	0.0005	
			4,4'-DDE	ND	mg/Kg	0.01	0.0004	
			4,4'-DDT	ND	mg/Kg	0.01	0.0007	
			Aldrin	ND	mg/Kg	0.0052	0.0002	
			alpha-BHC	ND	mg/Kg	0.0052	0.0003	
			alpha-Chlordane	ND	mg/Kg	0.0052	0.0002	
			beta-BHC	ND	mg/Kg	0.0052	0.0003	
			delta-BHC	ND	mg/Kg	0.0052	0.0002	
			Dieldrin	ND	mg/Kg	0.01	0.0003	
			Endosulfan I	ND	mg/Kg	0.0052	0.0003	
			Endosulfan II	ND	mg/Kg	0.01	0.0006	
			Endosulfan sulfate	ND	mg/Kg	0.01	0.0009	
			Endrin	ND	mg/Kg	0.01	0.0003	
			Endrin aldehyde	ND	mg/Kg	0.01	0.0006	
			Endrin ketone	ND	mg/Kg	0.01	0.0011	
			gamma-BHC (Lindane)	ND	mg/Kg	0.0052	0.0002	
			gamma-Chlordane	ND	mg/Kg	0.0052	0.0002	
			Heptachlor	ND	mg/Kg	0.0052	0.0002	
			Heptachlor epoxide	ND	mg/Kg	0.0052	0.0002	
			Methoxychlor	ND	mg/Kg	0.052	0.0031	
			Toxaphene	ND	mg/Kg	0.52	0.023	
01NE28SD191	Sediment	SW8081	4,4'-DDD	0.015	mg/Kg	0.0053	0.0002	
			4,4'-DDE	ND	mg/Kg	0.0053	0.0002	
			4,4'-DDT	ND	mg/Kg	0.0053	0.0004	
			Aldrin	ND	mg/Kg	0.0026	1E-04	
			alpha-BHC	ND	mg/Kg	0.0029	0.0001	
			alpha-Chlordane	ND	mg/Kg	0.0026	8E-05	
			beta-BHC	ND	mg/Kg	0.0092	0.0002	
			delta-BHC	ND	mg/Kg	0.0026	0.0001	
			Dieldrin	ND	mg/Kg	0.0053	0.0002	
			Endosulfan I	ND	mg/Kg	0.0026	0.0001	
			Endosulfan II	ND	mg/Kg	0.0053	0.0003	
			Endosulfan sulfate	ND	mg/Kg	0.0053	0.0004	
			Endrin	ND	mg/Kg	0.0053	0.0002	
			Endrin aldehyde	ND	mg/Kg	0.0053	0.0003	
			Endrin ketone	ND	mg/Kg	0.0053	0.0005	
			gamma-BHC (Lindane)	0.0029	mg/Kg	0.0026	0.0001	
			gamma-Chlordane	ND	mg/Kg	0.0026	0.0001	
			Heptachlor	ND	mg/Kg	0.0026	0.0001	
			Heptachlor epoxide	ND	mg/Kg	0.0026	0.0001	
			Methoxychlor	ND	mg/Kg	0.026	0.0016	
			Toxaphene	ND	mg/Kg	0.26	0.012	
01NE28SD192	Sediment	SW8081	4,4'-DDD	ND	mg/Kg	0.0072	0.0002	
			4,4'-DDE	ND	mg/Kg	0.0043	0.0002	
			4,4'-DDT	ND	mg/Kg	0.0043	0.0003	
			Aldrin	ND	mg/Kg	0.0022	8E-05	
			alpha-BHC	ND	mg/Kg	0.0022	0.0001	

Summary of Analytical Results Site 28
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD192	Sediment	SW8081	alpha-Chlordane	ND	mg/Kg	0.0022	7E-05	
			beta-BHC	ND	mg/Kg	0.0022	0.0001	
			delta-BHC	ND	mg/Kg	0.0022	1E-04	
			Dieldrin	ND	mg/Kg	0.0043	0.0001	
			Endosulfan I	ND	mg/Kg	0.0022	0.0001	
			Endosulfan II	ND	mg/Kg	0.0043	0.0003	
			Endosulfan sulfate	ND	mg/Kg	0.0043	0.0004	
			Endrin	ND	mg/Kg	0.0043	0.0001	
			Endrin aldehyde	ND	mg/Kg	0.0043	0.0003	
			Endrin ketone	ND	mg/Kg	0.0043	0.0004	
			gamma-BHC (Lindane)	ND	mg/Kg	0.0022	9E-05	
			gamma-Chlordane	ND	mg/Kg	0.0022	8E-05	
			Heptachlor	ND	mg/Kg	0.0022	1E-04	
			Heptachlor epoxide	ND	mg/Kg	0.0022	1E-04	
			Methoxychlor	ND	mg/Kg	0.022	0.0013	
			Toxaphene	ND	mg/Kg	0.22	0.0098	
01NE28SD211	Sediment	AK102	DRO	1500	mg/Kg	19	3.4	
		AK103	RRO	820	mg/Kg	38	38	VJ
		SW6010B	Chromium	17	mg/Kg	4	1	
			Lead	ND	mg/Kg	20	6	
			Zinc	77	mg/Kg	5	3	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.25	0.0668	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.5	0.08	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.25	0.0345	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.25	0.0408	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.25	0.0268	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.25	0.0808	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.25	0.0655	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.044	0.044	
			Acenaphthene	ND	mg/Kg	0.044	0.03	
			Acenaphthylene	0.053	mg/Kg	0.044	0.029	
			Anthracene	ND	mg/Kg	0.044	0.029	
			Benzo(a)anthracene	ND	mg/Kg	0.044	0.024	
			Benzo(a)pyrene	ND	mg/Kg	0.044	0.021	
			Benzo(b)fluoranthene	ND	mg/Kg	0.044	0.028	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.044	0.024	
			Benzo(k)fluoranthene	ND	mg/Kg	0.044	0.022	
			Chrysene	ND	mg/Kg	0.044	0.02	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.044	0.021	
			Dibenzofuran	ND	mg/Kg	0.044	0.044	
			Fluoranthene	0.048	mg/Kg	0.044	0.022	
			Fluorene	ND	mg/Kg	0.044	0.033	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.044	0.03	
			Naphthalene	ND	mg/Kg	0.044	0.041	
			Phenanthrene	0.048	mg/Kg	0.044	0.028	
			Pyrene	0.079	mg/Kg	0.044	0.025	
01NE28SD225	Sediment	AK102	DRO	860	mg/Kg	50	8.5	
		AK103	RRO	510	mg/Kg	100	100	VJ
		SW6010B	Chromium	17	mg/Kg	1	0.3	
			Lead	5	mg/Kg	4	1	
			Zinc	29	mg/Kg	1	0.6	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.062	0.0167	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.12	0.02	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.062	0.0086	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.062	0.0102	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.062	0.0067	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.062	0.0202	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.062	0.0164	
		SW8270 SIM	2-Methylnaphthalene	9.6	mg/Kg	0.18	0.18	

Summary of Analytical Results Site 28
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD225	Sediment	SW8270 SIM	Acenaphthene	0.27	mg/Kg	0.037	0.025	
			Acenaphthylene	ND	mg/Kg	0.037	0.024	
			Anthracene	ND	mg/Kg	0.037	0.024	
			Benzo(a)anthracene	ND	mg/Kg	0.037	0.02	
			Benzo(a)pyrene	ND	mg/Kg	0.037	0.018	
			Benzo(b)fluoranthene	ND	mg/Kg	0.037	0.024	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.037	0.02	
			Benzo(k)fluoranthene	ND	mg/Kg	0.037	0.018	
			Chrysene	ND	mg/Kg	0.037	0.017	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.037	0.018	
			Dibenzofuran	0.081	mg/Kg	0.037	0.037	
			Fluoranthene	ND	mg/Kg	0.037	0.019	
			Fluorene	0.28	mg/Kg	0.037	0.028	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.037	0.025	
			Naphthalene	4.4	mg/Kg	0.18	0.17	
			Phenanthrene	0.11	mg/Kg	0.037	0.024	
			Pyrene	ND	mg/Kg	0.037	0.021	
01NE28SD239	Sediment	AK102	DRO	610	mg/Kg	60	11	
		AK103	RRO	2500	mg/Kg	120	120	VJ
		SW6010B	Chromium	21	mg/Kg	1	0.3	
			Lead	9	mg/Kg	5	2	
			Zinc	51	mg/Kg	2	0.7	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.081	0.0215	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.16	0.0258	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.081	0.0111	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.081	0.0131	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.081	0.0086	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.081	0.026	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.081	0.0211	
		SW8270 SIM	2-Methylnaphthalene	0.016	mg/Kg	0.014	0.014	
			Acenaphthene	ND	mg/Kg	0.014	0.0097	
			Acenaphthylene	ND	mg/Kg	0.014	0.0095	
			Anthracene	ND	mg/Kg	0.014	0.0095	
			Benzo(a)anthracene	ND	mg/Kg	0.014	0.008	
			Benzo(a)pyrene	ND	mg/Kg	0.014	0.0069	
			Benzo(b)fluoranthene	ND	mg/Kg	0.014	0.0093	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.014	0.008	
			Benzo(k)fluoranthene	ND	mg/Kg	0.014	0.0071	
			Chrysene	ND	mg/Kg	0.014	0.0067	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.014	0.0069	
			Dibenzofuran	ND	mg/Kg	0.014	0.014	
			Fluoranthene	ND	mg/Kg	0.014	0.0074	
			Fluorene	ND	mg/Kg	0.014	0.011	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.014	0.01	
			Naphthalene	0.017	mg/Kg	0.014	0.014	
			Phenanthrene	ND	mg/Kg	0.014	0.0093	
			Pyrene	ND	mg/Kg	0.014	0.0082	
01NE28SD251	Sediment	AK102	DRO	14000	mg/Kg	500	61	
		AK103	RRO	ND	mg/Kg	1000	1000	VQQ
		SW6010B	Chromium	17.7	mg/Kg	0.7	0.2	
			Lead	23	mg/Kg	3	1	
			Zinc	67.9	mg/Kg	0.9	0.4	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.045	0.0121	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.09	0.0145	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.045	0.0062	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.045	0.0074	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.045	0.0048	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.045	0.0146	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.045	0.0119	

Summary of Analytical Results Site 28
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD251	Sediment	SW8270 SIM	2-Methylnaphthalene	28	mg/Kg	0.68	0.68	
			Acenaphthene	1.5	mg/Kg	0.68	0.46	
			Acenaphthylene	ND	mg/Kg	0.68	0.45	
			Anthracene	ND	mg/Kg	0.68	0.45	
			Benzo(a)anthracene	ND	mg/Kg	0.68	0.38	
			Benzo(a)pyrene	ND	mg/Kg	0.68	0.32	
			Benzo(b)fluoranthene	ND	mg/Kg	0.68	0.44	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.68	0.38	
			Benzo(k)fluoranthene	ND	mg/Kg	0.68	0.33	
			Chrysene	ND	mg/Kg	0.68	0.31	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.68	0.32	
			Dibenzofuran	ND	mg/Kg	0.68	0.68	
			Fluoranthene	ND	mg/Kg	0.68	0.34	
			Fluorene	2.4	mg/Kg	0.68	0.51	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.68	0.47	
			Naphthalene	5.3	mg/Kg	0.68	0.64	
			Phenanthrene	0.95	mg/Kg	0.68	0.44	
			Pyrene	ND	mg/Kg	0.68	0.39	
01NE28SD253	Sediment	AK102	DRO	20000	mg/Kg	1000	110	
		AK103	RRO	2400	mg/Kg	2000	2000	VJ
		SW6010B	Chromium	12.8	mg/Kg	0.8	0.2	
			Lead	60	mg/Kg	3	1	
			Zinc	67	mg/Kg	1	0.5	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.04	0.0106	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.08	0.0128	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.04	0.0055	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.04	0.0065	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.04	0.0043	
			PCB-1254 (Aroclor 1254)	0.17	mg/Kg	0.04	0.0129	
			PCB-1260 (Aroclor 1260)	0.099	mg/Kg	0.04	0.0104	
		SW8270 SIM	2-Methylnaphthalene	7.7	mg/Kg	0.57	0.57	
			Acenaphthene	1.2	mg/Kg	0.57	0.39	
			Acenaphthylene	ND	mg/Kg	0.57	0.38	
			Anthracene	ND	mg/Kg	0.57	0.38	
			Benzo(a)anthracene	ND	mg/Kg	0.57	0.32	
			Benzo(a)pyrene	ND	mg/Kg	0.57	0.28	
			Benzo(b)fluoranthene	ND	mg/Kg	0.57	0.37	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.57	0.32	
			Benzo(k)fluoranthene	ND	mg/Kg	0.57	0.28	
			Chrysene	ND	mg/Kg	0.57	0.27	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.57	0.28	
			Dibenzofuran	ND	mg/Kg	0.57	0.57	
			Fluoranthene	ND	mg/Kg	0.57	0.29	
			Fluorene	1.4	mg/Kg	0.57	0.43	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.57	0.4	
			Naphthalene	1.4	mg/Kg	0.57	0.54	
			Phenanthrene	0.63	mg/Kg	0.57	0.37	
			Pyrene	ND	mg/Kg	0.57	0.33	
01NE28SD257	Sediment	AK102	DRO	18000	mg/Kg	1000	130	
		AK103	RRO	ND	mg/Kg	2000	2000	VQQ
		SW6010B	Chromium	22.6	mg/Kg	0.8	0.2	
			Lead	19	mg/Kg	3	1	
			Zinc	56.6	mg/Kg	0.9	0.4	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.049	0.013	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.097	0.0156	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.049	0.0067	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.049	0.0079	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.049	0.0052	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.049	0.0157	

Summary of Analytical Results Site 28
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD257	Sediment	SW8082	PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.049	0.0127	
		SW8270 SIM	2-Methylnaphthalene	3.1	mg/Kg	0.071	0.071	
			Acenaphthene	ND	mg/Kg	0.071	0.048	
			Acenaphthylene	ND	mg/Kg	0.071	0.047	
			Anthracene	ND	mg/Kg	0.071	0.047	
			Benzo(a)anthracene	ND	mg/Kg	0.071	0.04	
			Benzo(a)pyrene	ND	mg/Kg	0.071	0.034	
			Benzo(b)fluoranthene	ND	mg/Kg	0.071	0.046	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.071	0.04	
			Benzo(k)fluoranthene	ND	mg/Kg	0.071	0.035	
			Chrysene	ND	mg/Kg	0.071	0.033	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.071	0.034	
			Dibenzofuran	ND	mg/Kg	0.071	0.071	
			Fluoranthene	ND	mg/Kg	0.071	0.036	
			Fluorene	ND	mg/Kg	0.071	0.054	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.071	0.049	
			Naphthalene	1.1	mg/Kg	0.071	0.068	
			Phenanthrene	ND	mg/Kg	0.071	0.046	
			Pyrene	ND	mg/Kg	0.071	0.041	
01NE28SD263	Sediment	AK102	DRO	57000	mg/Kg	5000	660	
		AK103	RRO	4200	mg/Kg	200	200	VJ
		SW6010B	Chromium	23.2	mg/Kg	0.8	0.2	
			Lead	29	mg/Kg	3	1	
			Zinc	89.2	mg/Kg	1	0.5	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.048	0.0129	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.097	0.0155	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.048	0.0067	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.048	0.0079	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.048	0.0052	
			PCB-1254 (Aroclor 1254)	0.11	mg/Kg	0.048	0.0157	
			PCB-1260 (Aroclor 1260)	0.17	mg/Kg	0.048	0.0127	
		SW8270 SIM	2-Methylnaphthalene	2.7	mg/Kg	1.4	1.4	
			Acenaphthene	2.4	mg/Kg	1.4	0.95	
			Acenaphthylene	ND	mg/Kg	1.4	0.93	
			Anthracene	ND	mg/Kg	1.4	0.93	
			Benzo(a)anthracene	ND	mg/Kg	1.4	0.78	
			Benzo(a)pyrene	ND	mg/Kg	1.4	0.68	
			Benzo(b)fluoranthene	ND	mg/Kg	1.4	0.91	
			Benzo(g,h,i)perylene	ND	mg/Kg	1.4	0.78	
			Benzo(k)fluoranthene	ND	mg/Kg	1.4	0.7	
			Chrysene	ND	mg/Kg	1.4	0.65	
			Dibenzo(a,h)anthracene	ND	mg/Kg	1.4	0.68	
			Dibenzofuran	ND	mg/Kg	1.4	1.4	
			Fluoranthene	ND	mg/Kg	1.4	0.72	
			Fluorene	2.4	mg/Kg	1.4	1.1	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	1.4	0.97	
			Naphthalene	9.7	mg/Kg	1.4	1.3	
			Phenanthrene	ND	mg/Kg	1.4	0.91	
			Pyrene	ND	mg/Kg	1.4	0.8	
01NE28SD271	Sediment	AK102	DRO	1500	mg/Kg	17	3	VLB
		AK103	RRO	1400	mg/Kg	34	34	VJ
		SW6010B	Chromium	8	mg/Kg	3	0.9	
			Lead	ND	mg/Kg	10	4	
			Zinc	17	mg/Kg	4	2	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.23	0.0603	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.45	0.0723	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.23	0.0312	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.23	0.0368	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.23	0.0242	

Summary of Analytical Results Site 28
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD271	Sediment	SW8082	PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.23	0.073	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.23	0.0592	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.04	0.04	
			Acenaphthene	ND	mg/Kg	0.04	0.027	
			Acenaphthylene	ND	mg/Kg	0.04	0.026	
			Anthracene	ND	mg/Kg	0.04	0.026	
			Benzo(a)anthracene	ND	mg/Kg	0.04	0.022	
			Benzo(a)pyrene	ND	mg/Kg	0.04	0.019	
			Benzo(b)fluoranthene	ND	mg/Kg	0.04	0.026	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.04	0.022	
			Benzo(k)fluoranthene	ND	mg/Kg	0.04	0.02	
			Chrysene	ND	mg/Kg	0.04	0.019	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.04	0.019	
			Dibenzofuran	ND	mg/Kg	0.04	0.04	
			Fluoranthene	ND	mg/Kg	0.04	0.02	
			Fluorene	ND	mg/Kg	0.04	0.03	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.04	0.027	
			Naphthalene	ND	mg/Kg	0.04	0.038	
			Phenanthrene	ND	mg/Kg	0.04	0.026	
			Pyrene	ND	mg/Kg	0.04	0.023	
01NE28SD275	Sediment	AK102	DRO	240	mg/Kg	13	2.3	
		AK103	RRO	1800	mg/Kg	26	26	VJ
		SW6010B	Chromium	9	mg/Kg	3	0.7	
			Lead	ND	mg/Kg	10	3	
			Zinc	16	mg/Kg	3	1	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.17	0.046	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.34	0.0552	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.17	0.0238	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.17	0.0281	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.17	0.0184	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.17	0.0557	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.17	0.0452	
		SW8270 SIM	2-Methylnaphthalene	0.1	mg/Kg	0.031	0.031	
			Acenaphthene	ND	mg/Kg	0.031	0.021	
			Acenaphthylene	ND	mg/Kg	0.031	0.02	
			Anthracene	ND	mg/Kg	0.031	0.02	
			Benzo(a)anthracene	ND	mg/Kg	0.031	0.017	
			Benzo(a)pyrene	ND	mg/Kg	0.031	0.015	
			Benzo(b)fluoranthene	ND	mg/Kg	0.031	0.02	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.031	0.017	
			Benzo(k)fluoranthene	ND	mg/Kg	0.031	0.015	
			Chrysene	ND	mg/Kg	0.031	0.014	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.031	0.015	
			Dibenzofuran	ND	mg/Kg	0.031	0.031	
			Fluoranthene	ND	mg/Kg	0.031	0.016	
			Fluorene	ND	mg/Kg	0.031	0.023	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.031	0.021	
			Naphthalene	0.034	mg/Kg	0.031	0.029	
			Phenanthrene	ND	mg/Kg	0.031	0.02	
			Pyrene	ND	mg/Kg	0.031	0.018	
01NE28SD285	Sediment	SW8081	4,4'-DDD	0.83	mg/Kg	0.11	0.0051	
			4,4'-DDE	ND	mg/Kg	0.082	0.0002	
			4,4'-DDT	ND	mg/Kg	0.022	0.0004	
			Aldrin	ND	mg/Kg	0.0028	0.0001	
			alpha-BHC	ND	mg/Kg	0.0028	0.0002	
			alpha-Chlordane	ND	mg/Kg	0.0028	9E-05	
			beta-BHC	0.0039	mg/Kg	0.0028	0.0002	
			delta-BHC	ND	mg/Kg	0.0028	0.0001	
			Dieldrin	ND	mg/Kg	0.016	0.0002	

Summary of Analytical Results Site 28
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD285	Sediment	SW8081	Endosulfan I	ND	mg/Kg	0.0028	0.0002	
			Endosulfan II	ND	mg/Kg	0.0057	0.0004	
			Endosulfan sulfate	ND	mg/Kg	0.056	0.0005	
			Endrin	ND	mg/Kg	0.0057	0.0002	
			Endrin aldehyde	ND	mg/Kg	0.035	0.0003	
			Endrin ketone	ND	mg/Kg	0.0057	0.0006	
			gamma-BHC (Lindane)	ND	mg/Kg	0.0028	0.0001	
			gamma-Chlordane	ND	mg/Kg	0.026	0.0001	
			Heptachlor	ND	mg/Kg	0.0028	0.0001	
			Heptachlor epoxide	ND	mg/Kg	0.0028	0.0001	
			Methoxychlor	ND	mg/Kg	0.028	0.0017	
			Toxaphene	ND	mg/Kg	0.28	0.013	
01NE28SD292	Sediment	SW8081	4,4'-DDD	ND	mg/Kg	0.0071	0.0002	
			4,4'-DDE	ND	mg/Kg	0.0065	0.0002	
			4,4'-DDT	ND	mg/Kg	0.005	0.0003	
			Aldrin	ND	mg/Kg	0.0021	7E-05	
			alpha-BHC	ND	mg/Kg	0.0021	0.0001	
			alpha-Chlordane	ND	mg/Kg	0.0021	6E-05	
			beta-BHC	ND	mg/Kg	0.0021	0.0001	
			delta-BHC	ND	mg/Kg	0.0021	9E-05	
			Dieldrin	ND	mg/Kg	0.0078	0.0001	
			Endosulfan I	ND	mg/Kg	0.0021	0.0001	
			Endosulfan II	ND	mg/Kg	0.0041	0.0003	
			Endosulfan sulfate	ND	mg/Kg	0.012	0.0004	
			Endrin	ND	mg/Kg	0.0041	0.0001	
			Endrin aldehyde	ND	mg/Kg	0.0041	0.0002	
			Endrin ketone	ND	mg/Kg	0.0041	0.0004	
			gamma-BHC (Lindane)	ND	mg/Kg	0.0021	9E-05	
			gamma-Chlordane	ND	mg/Kg	0.0038	8E-05	
			Heptachlor	ND	mg/Kg	0.0021	9E-05	
			Heptachlor epoxide	ND	mg/Kg	0.0021	9E-05	
			Methoxychlor	ND	mg/Kg	0.021	0.0012	
			Toxaphene	ND	mg/Kg	0.21	0.0093	
01NE28SW111	Surface Wate	AK102	DRO	0.41	mg/L	0.25	0.02	
		AK103	RRO	ND	mg/L	0.5	0.5	VQQ
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/L	0.001	0.0003	
			PCB-1221 (Aroclor 1221)	ND	mg/L	0.002	0.0003	
			PCB-1232 (Aroclor 1232)	ND	mg/L	0.001	0.0003	
			PCB-1242 (Aroclor 1242)	ND	mg/L	0.001	0.0002	
			PCB-1248 (Aroclor 1248)	ND	mg/L	0.001	0.0003	
			PCB-1254 (Aroclor 1254)	ND	mg/L	0.001	0.0003	
			PCB-1260 (Aroclor 1260)	ND	mg/L	0.001	0.0003	
01NE28SW112	Surface Wate	AK102	DRO	0.71	mg/L	0.25	0.02	
		AK103	RRO	ND	mg/L	0.5	0.5	VQQ
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/L	0.001	0.0003	
			PCB-1221 (Aroclor 1221)	ND	mg/L	0.002	0.0003	
			PCB-1232 (Aroclor 1232)	ND	mg/L	0.001	0.0003	
			PCB-1242 (Aroclor 1242)	ND	mg/L	0.001	0.0002	
			PCB-1248 (Aroclor 1248)	ND	mg/L	0.001	0.0003	
			PCB-1254 (Aroclor 1254)	ND	mg/L	0.001	0.0003	
			PCB-1260 (Aroclor 1260)	ND	mg/L	0.001	0.0003	
01NE28SW113	Surface Wate	AK102	DRO	0.57	mg/L	0.25	0.02	
		AK103	RRO	ND	mg/L	0.5	0.5	VQQ
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/L	0.001	0.0003	
			PCB-1221 (Aroclor 1221)	ND	mg/L	0.002	0.0003	
			PCB-1232 (Aroclor 1232)	ND	mg/L	0.001	0.0003	
			PCB-1242 (Aroclor 1242)	ND	mg/L	0.001	0.0002	
			PCB-1248 (Aroclor 1248)	ND	mg/L	0.001	0.0003	
			PCB-1254 (Aroclor 1254)	ND	mg/L	0.001	0.0003	

Summary of Analytical Results Site 28
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SW113	Surface Wate	SW8082	PCB-1260 (Aroclor 1260)	ND	mg/L	0.001	0.0003	
01NE28SW114	Surface Wate	AK102	DRO	2.3	mg/L	0.25	0.02	
		AK103	RRO	ND	mg/L	0.5	0.5	VQQ
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/L	0.001	0.0003	
			PCB-1221 (Aroclor 1221)	ND	mg/L	0.002	0.0003	
			PCB-1232 (Aroclor 1232)	ND	mg/L	0.001	0.0003	
			PCB-1242 (Aroclor 1242)	ND	mg/L	0.001	0.0002	
			PCB-1248 (Aroclor 1248)	ND	mg/L	0.001	0.0003	
			PCB-1254 (Aroclor 1254)	ND	mg/L	0.001	0.0003	
			PCB-1260 (Aroclor 1260)	ND	mg/L	0.001	0.0003	
01NE28SW115	Surface Wate	AK102	DRO	0.68	mg/L	0.25	0.02	
		AK103	RRO	ND	mg/L	0.5	0.5	VQQ
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/L	0.001	0.0003	
			PCB-1221 (Aroclor 1221)	ND	mg/L	0.002	0.0003	
			PCB-1232 (Aroclor 1232)	ND	mg/L	0.001	0.0003	
			PCB-1242 (Aroclor 1242)	ND	mg/L	0.001	0.0002	
			PCB-1248 (Aroclor 1248)	ND	mg/L	0.001	0.0003	
			PCB-1254 (Aroclor 1254)	ND	mg/L	0.001	0.0003	
			PCB-1260 (Aroclor 1260)	ND	mg/L	0.001	0.0003	
01NE28SW116	Surface Wate	AK102	DRO	0.39	mg/L	0.25	0.02	
		AK103	RRO	ND	mg/L	0.5	0.5	VQQ
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/L	0.001	0.0003	
			PCB-1221 (Aroclor 1221)	ND	mg/L	0.002	0.0003	
			PCB-1232 (Aroclor 1232)	ND	mg/L	0.001	0.0003	
			PCB-1242 (Aroclor 1242)	ND	mg/L	0.001	0.0002	
			PCB-1248 (Aroclor 1248)	ND	mg/L	0.001	0.0003	
			PCB-1254 (Aroclor 1254)	ND	mg/L	0.001	0.0003	
			PCB-1260 (Aroclor 1260)	ND	mg/L	0.001	0.0003	
01NE28SW211	Surface Wate	AK102	DRO	0.41	mg/L	0.25	0.02	
		AK103	RRO	ND	mg/L	0.5	0.5	VQQ
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/L	0.001	0.0003	
			PCB-1221 (Aroclor 1221)	ND	mg/L	0.002	0.0003	
			PCB-1232 (Aroclor 1232)	ND	mg/L	0.001	0.0003	
			PCB-1242 (Aroclor 1242)	ND	mg/L	0.001	0.0002	
			PCB-1248 (Aroclor 1248)	ND	mg/L	0.001	0.0003	
			PCB-1254 (Aroclor 1254)	ND	mg/L	0.001	0.0003	
			PCB-1260 (Aroclor 1260)	ND	mg/L	0.001	0.0003	

Key:
DRO - diesel range organics
MDL - method detection limit
mg/L - milligram per liter
mg/Kg - milligram per kilogram
MRL - method reporting limit
ND - not detected
RRO - residual range organics
SIM - selected ion monitoring
VB - The analyte was detected in the assoicated blank and the sample indicating possible contamination.
VJ - The analyte was positively identified; the quantitaion is an estimation.
VQQ - The practical quantation limit is approximate due to QC or matrix effects.

Summary of Analytical Results Site 33
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE33SS101	Surface Soil	AK102	DRO	170	mg/Kg	20	1.9	
		AK103	RRO	300	mg/Kg	40	40	VJ
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.036	0.00967	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.072	0.0116	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.036	0.005	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.036	0.00591	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.036	0.00388	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.036	0.0117	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.036	0.00949	
01NE33SS102	Surface Soil	AK102	DRO	150	mg/Kg	20	2.1	
		AK103	RRO	270	mg/Kg	40	40	VJ
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.039	0.0103	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.077	0.0124	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.039	0.00533	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.039	0.00629	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.039	0.00413	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.039	0.0125	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.039	0.0101	
01NE33SS103	Surface Soil	AK102	DRO	660	mg/Kg	100	9.8	
		AK103	RRO	2100	mg/Kg	200	200	VJ
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.036	0.00968	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.073	0.0116	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.036	0.005	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.036	0.00591	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.036	0.00388	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.036	0.0117	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.036	0.0095	

Key:
DRO - diesel range organics
MDL - method detection limit
mg/L - milligram per liter
mg/Kg - milligram per kilogram
MRL - method reporting limit
ND - not detected
RRO - residual range organics
SIM - selected ion monitoring
VB - The analyte was detected in the assoicated blank and the sample indicating possible contamination.
VJ - The analyte was positively identified; the quantitaion is an estimation.
VQQ - The practical quantation limit is approximate due to QC or matrix effects.

Summary of Analytical Results Site 34
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE34SS101	Surface Soil	AK102	DRO	47	mg/Kg	5	0.6	
		AK103	RRO	150	mg/Kg	10	10	VJ
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.045	0.0119	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.089	0.0143	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.045	0.00615	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.045	0.00726	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.045	0.00477	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.045	0.0144	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.045	0.0117	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.0026	0.0026	VQQ
			Acenaphthene	ND	mg/Kg	0.0026	0.0018	VQQ
			Acenaphthylene	ND	mg/Kg	0.0026	0.0017	VQQ
			Anthracene	ND	mg/Kg	0.0026	0.0017	VQQ
			Benzo(a)anthracene	ND	mg/Kg	0.0026	0.0015	VQQ
			Benzo(a)pyrene	ND	mg/Kg	0.0026	0.0013	VQQ
			Benzo(b)fluoranthene	ND	mg/Kg	0.0026	0.0017	VQQ
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0026	0.0015	VQQ
			Benzo(k)fluoranthene	ND	mg/Kg	0.0026	0.0013	VQQ
			Chrysene	ND	mg/Kg	0.0026	0.0012	VQQ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0026	0.0013	VQQ
			Dibenzofuran	ND	mg/Kg	0.0026	0.0026	VQQ
			Fluoranthene	ND	mg/Kg	0.0026	0.0013	VQQ
			Fluorene	ND	mg/Kg	0.0026	0.002	VQQ
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0026	0.0018	VQQ
			Naphthalene	ND	mg/Kg	0.0026	0.0025	VQQ
			Phenanthrene	ND	mg/Kg	0.0026	0.0017	VQQ
			Pyrene	ND	mg/Kg	0.0026	0.0015	VQQ
01NE34SS102	Surface Soil	AK102	DRO	14	mg/Kg	5	0.55	
		AK103	RRO	77	mg/Kg	10	10	VJ
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.041	0.011	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.082	0.0131	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.041	0.00567	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.041	0.00669	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.041	0.00439	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.041	0.0133	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.041	0.0108	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.0024	0.0024	
			Acenaphthene	ND	mg/Kg	0.0024	0.0016	
			Acenaphthylene	ND	mg/Kg	0.0024	0.0016	
			Anthracene	ND	mg/Kg	0.0024	0.0016	
			Benzo(a)anthracene	ND	mg/Kg	0.0024	0.0013	
			Benzo(a)pyrene	ND	mg/Kg	0.0024	0.0012	
			Benzo(b)fluoranthene	ND	mg/Kg	0.0024	0.0016	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0024	0.0013	
			Benzo(k)fluoranthene	ND	mg/Kg	0.0024	0.0012	
			Chrysene	ND	mg/Kg	0.0024	0.0011	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0024	0.0012	
			Dibenzofuran	ND	mg/Kg	0.0024	0.0024	
			Fluoranthene	ND	mg/Kg	0.0024	0.0012	
			Fluorene	ND	mg/Kg	0.0024	0.0018	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0024	0.0017	
			Naphthalene	ND	mg/Kg	0.0024	0.0023	
			Phenanthrene	ND	mg/Kg	0.0024	0.0016	
			Pyrene	ND	mg/Kg	0.0024	0.0014	
01NE34SS103	Surface Soil	AK102	DRO	13	mg/Kg	5	0.54	
		AK103	RRO	76	mg/Kg	10	10	VJ
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.04	0.0108	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.081	0.0129	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.04	0.00556	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.04	0.00657	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.04	0.00431	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.04	0.013	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.04	0.0106	

Summary of Analytical Results Site 34
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE34SS103	Surface Soil	SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.0024	0.0024	
			Acenaphthene	ND	mg/Kg	0.0024	0.0016	
			Acenaphthylene	ND	mg/Kg	0.0024	0.0016	
			Anthracene	ND	mg/Kg	0.0024	0.0016	
			Benzo(a)anthracene	ND	mg/Kg	0.0024	0.0013	
			Benzo(a)pyrene	ND	mg/Kg	0.0024	0.0011	
			Benzo(b)fluoranthene	ND	mg/Kg	0.0024	0.0015	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0024	0.0013	
			Benzo(k)fluoranthene	ND	mg/Kg	0.0024	0.0012	
			Chrysene	ND	mg/Kg	0.0024	0.0011	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0024	0.0011	
			Dibenzofuran	ND	mg/Kg	0.0024	0.0024	
			Fluoranthene	ND	mg/Kg	0.0024	0.0012	
			Fluorene	ND	mg/Kg	0.0024	0.0018	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0024	0.0016	
			Naphthalene	ND	mg/Kg	0.0024	0.0022	
			Phenanthrene	ND	mg/Kg	0.0024	0.0015	
			Pyrene	ND	mg/Kg	0.0024	0.0014	
01NE34SS104	Surface Soil	SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.038	0.0101	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.076	0.0121	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.038	0.00521	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.038	0.00616	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.038	0.00404	
			PCB-1254 (Aroclor 1254)	0.59	mg/Kg	0.038	0.0122	
			PCB-1260 (Aroclor 1260)	0.47	mg/Kg	0.038	0.0099	
01NE34SS105	Surface Soil	AK102	DRO	980	mg/Kg	50	5.1	
		AK103	RRO	ND	mg/Kg	100	100	VQQ
01NE34SS106	Surface Soil	AK102	DRO	1100	mg/Kg	50	4.9	
		AK103	RRO	58	mg/Kg	40	40	VJ
01NE34SS107	Surface Soil	AK102	DRO	41	mg/Kg	5	0.5	
		AK103	RRO	95	mg/Kg	10	10	VJ
		DU	Total Organic Carbon (TOC)	1.7	PERCENT	0.005	0.005	
		E160.3	Total Solids	87.5	PERCENT	0.01	0.01	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.037	0.00999	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.075	0.012	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.037	0.00516	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.037	0.0061	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.037	0.004	
			PCB-1254 (Aroclor 1254)	0.05	mg/Kg	0.037	0.0121	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.037	0.0098	
01NE34SS108	Surface Soil	AK102	DRO	220	mg/Kg	20	2.3	
		AK103	RRO	280	mg/Kg	40	40	VJ
		DU	Total Organic Carbon (TOC)	5.7	PERCENT	0.005	0.005	
		E160.3	Total Solids	83.9	PERCENT	0.01	0.01	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.043	0.0114	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.085	0.0137	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.043	0.00589	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.043	0.00696	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.043	0.00457	
			PCB-1254 (Aroclor 1254)	0.25	mg/Kg	0.043	0.0138	
			PCB-1260 (Aroclor 1260)	0.11	mg/Kg	0.043	0.0112	
01NE34SS109	Surface Soil	AK102	DRO	300	mg/Kg	50	5.3	
		AK103	RRO	1200	mg/Kg	100	100	VJ
		DU	Total Organic Carbon (TOC)	6.4	PERCENT	0.005	0.005	
		E160.3	Total Solids	77.2	PERCENT	0.01	0.01	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.039	0.0104	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.078	0.0125	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.039	0.0054	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.039	0.00637	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.039	0.00418	
			PCB-1254 (Aroclor 1254)	0.15	mg/Kg	0.039	0.0126	
			PCB-1260 (Aroclor 1260)	0.063	mg/Kg	0.039	0.0102	
01NE34SS110	Surface Soil	AK102	DRO	230	mg/Kg	50	5.6	

Summary of Analytical Results Site 34
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE34SS110	Surface Soil	AK103	RRO	620	mg/Kg	100	100	VJ
		DU	Total Organic Carbon (TOC)	7.2	PERCENT	0.005	0.005	
		E160.3	Total Solids	80.4	PERCENT	0.01	0.01	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.041	0.011	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.083	0.0132	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.041	0.0057	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.041	0.00674	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.041	0.00442	
			PCB-1254 (Aroclor 1254)	0.17	mg/Kg	0.041	0.0133	
			PCB-1260 (Aroclor 1260)	0.064	mg/Kg	0.041	0.0108	
01NE34SS111	Surface Soil	AK102	DRO	7.1	mg/Kg	5	0.48	
		AK103	RRO	30	mg/Kg	10	10	VJ
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.0021	0.0021	
			Acenaphthene	ND	mg/Kg	0.0021	0.0014	
			Acenaphthylene	ND	mg/Kg	0.0021	0.0014	
			Anthracene	ND	mg/Kg	0.0021	0.0014	
			Benzo(a)anthracene	ND	mg/Kg	0.0021	0.0012	
			Benzo(a)pyrene	ND	mg/Kg	0.0021	0.001	
			Benzo(b)fluoranthene	ND	mg/Kg	0.0021	0.0014	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0021	0.0012	
			Benzo(k)fluoranthene	ND	mg/Kg	0.0021	0.001	
			Chrysene	ND	mg/Kg	0.0021	0.00098	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0021	0.001	
			Dibenzofuran	ND	mg/Kg	0.0021	0.0021	
			Fluoranthene	ND	mg/Kg	0.0021	0.0011	
			Fluorene	ND	mg/Kg	0.0021	0.0016	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0021	0.0014	
			Naphthalene	ND	mg/Kg	0.0021	0.002	
			Phenanthrene	ND	mg/Kg	0.0021	0.0014	
			Pyrene	ND	mg/Kg	0.0021	0.0012	

Key:
DRO - diesel range organics
MDL - method detection limit
mg/L - milligram per liter
mg/Kg - milligram per kilogram
MRL - method reporting limit
ND - not detected
RRO - residual range organics
SIM - selected ion monitoring
VB - The analyte was detected in the assoicated blank and the sample indicating possible contamination.
VJ - The analyte was positively identified; the quantitaion is an estimation.
VQQ - The practical quantation limit is approximate due to QC or matrix effects.

Summary of Analytical Results for Trip Blanks
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE00TB101	Soil	SW8260 SIM	Benzene	ND	mg/Kg	0.005	0.005	
			Ethylbenzene	0.0084	mg/Kg	0.005	0.0024	
			m,p-Xylene (Sum of Isomers)	0.031	mg/Kg	0.01	0.01	
			o-Xylene	0.01	mg/Kg	0.005	0.0042	
			Toluene	0.046	mg/Kg	0.005	0.0048	
		AK101	Gasoline Range Organics	ND	mg/Kg	5.48	1.9	
		E160.3	Total Solids	100	PERCENT	0.01	0.01	
01NE00TB102	Water	AK101	Gasoline Range Organics	ND	mg/L	0.25	0.1	
		SW8260	1,1,1,2-Tetrachloroethane	ND	mg/L	0.001	0.00026	
			1,1,1-Trichloroethane	ND	mg/L	0.001	0.0004	
			1,1,2,2-Tetrachloroethane	ND	mg/L	0.001	0.00032	
			1,1,2-Trichloro-1,2,2-trifluoroetha	ND	mg/L	0.002	0.0003	
			1,1,2-Trichloroethane	ND	mg/L	0.001	0.00039	
			1,1-Dichloroethane	ND	mg/L	0.001	0.00049	
			1,1-Dichloroethene	ND	mg/L	0.001	0.00049	
			1,1-Dichloropropene	ND	mg/L	0.001	0.00028	
			1,2,3-Trichlorobenzene	ND	mg/L	0.005	0.00035	
			1,2,3-Trichloropropane	ND	mg/L	0.003	0.00092	
			1,2,4-Trichlorobenzene	ND	mg/L	0.005	0.00049	
			1,2,4-Trimethylbenzene	ND	mg/L	0.001	0.00034	
			1,2-Dibromo-3-chloropropane	ND	mg/L	0.005	0.00097	
			1,2-Dibromoethane	ND	mg/L	0.001	0.00033	
			1,2-Dichlorobenzene	ND	mg/L	0.001	0.00038	
			1,2-Dichloroethane	ND	mg/L	0.001	0.00037	
			1,2-Dichloropropane	ND	mg/L	0.001	0.00042	
			1,3,5-Trimethylbenzene	ND	mg/L	0.001	0.00043	
			1,3-Dichlorobenzene	ND	mg/L	0.001	0.00044	
			1,3-Dichloropropane	ND	mg/L	0.001	0.00024	
			1,4-Dichlorobenzene	ND	mg/L	0.001	0.0004	
			2,2-Dichloropropane	ND	mg/L	0.001	0.00037	
			2-Butanone	ND	mg/L	0.005	0.0028	
			2-Chloroethyl vinyl ether	ND	mg/L	0.005	0.00019	
			2-Chlorotoluene	ND	mg/L	0.001	0.00046	
			2-Hexanone	ND	mg/L	0.005	0.0011	
			4-Chlorotoluene	ND	mg/L	0.001	0.00059	
			4-Isopropyltoluene	ND	mg/L	0.001	0.00026	
			4-Methyl-2-pentanone	ND	mg/L	0.005	0.0014	
			Acetone	ND	mg/L	0.005	0.003	
			Acrolein	ND	mg/L	0.05	0.0041	
			Acrylamide	ND	mg/L	0.001	0.00078	
			Benzene	ND	mg/L	0.001	0.00043	
			Bromobenzene	ND	mg/L	0.001	0.00058	
			Bromochloromethane	ND	mg/L	0.001	0.00058	
			Bromodichloromethane	ND	mg/L	0.001	0.00034	
			Bromoethane	ND	mg/L	0.002	0.00064	
			Bromoform	ND	mg/L	0.001	0.00031	
			Bromomethane	ND	mg/L	0.001	0.00058	
			Carbon disulfide	ND	mg/L	0.001	0.00036	
			Carbon tetrachloride	ND	mg/L	0.001	0.00045	
			Chlorobenzene	ND	mg/L	0.001	0.00036	
			Chloroethane	ND	mg/L	0.001	0.00051	
			Chloroform	ND	mg/L	0.001	0.00053	
			Chloromethane	ND	mg/L	0.001	0.00056	
			cis-1,2-Dichloroethene	ND	mg/L	0.001	0.00039	
			cis-1,3-Dichloropropene	ND	mg/L	0.001	0.00027	
			Dibromochloromethane	ND	mg/L	0.001	0.00024	
			Dibromomethane	ND	mg/L	0.001	0.00053	
			Ethylbenzene	ND	mg/L	0.001	0.00035	
			Hexachlorobutadiene	ND	mg/L	0.005	0.00058	

Summary of Analytical Results for Trip Blanks
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE00TB102	Water	SW8260	Isopropylbenzene	ND	mg/L	0.001	0.00037	
			m,p-Xylene (Sum of Isomers)	ND	mg/L	0.001	0.00061	
			Methyl iodide	ND	mg/L	0.001	0.00061	
			Methylene chloride	ND	mg/L	0.002	0.00069	
			Naphthalene	ND	mg/L	0.005	0.00028	
			n-Butylbenzene	ND	mg/L	0.001	0.00026	
			n-Propylbenzene	ND	mg/L	0.001	0.00043	
			o-Xylene	ND	mg/L	0.001	0.00035	
			sec-Butylbenzene	ND	mg/L	0.001	0.00025	
			Styrene	ND	mg/L	0.001	0.00028	
			tert-Butylbenzene	ND	mg/L	0.001	0.00035	
			Tetrachloroethene	ND	mg/L	0.001	0.00031	
			Toluene	ND	mg/L	0.001	0.00042	
			trans-1,2-Dichloroethene	ND	mg/L	0.001	0.00054	
			trans-1,3-Dichloropropene	ND	mg/L	0.001	0.00026	
			trans-1,4-Dichloro-2-butene	ND	mg/L	0.005	0.0003	
			Trichloroethene	ND	mg/L	0.001	0.00042	
			Trichlorofluoromethane	ND	mg/L	0.001	0.00029	
			Vinyl acetate	ND	mg/L	0.005	0.0004	
			Vinyl chloride	ND	mg/L	0.001	0.0004	
01NE00TB103	Water	AK101	Gasoline Range Organics	ND	mg/L	0.25	0.1	
		SW8260	1,1,1,2-Tetrachloroethane	ND	mg/L	0.001	0.00026	
			1,1,1-Trichloroethane	ND	mg/L	0.001	0.0004	
			1,1,2,2-Tetrachloroethane	ND	mg/L	0.001	0.00032	
			1,1,2-Trichloro-1,2,2-trifluoroetha	ND	mg/L	0.002	0.0003	
			1,1,2-Trichloroethane	ND	mg/L	0.001	0.00039	
			1,1-Dichloroethane	ND	mg/L	0.001	0.00049	
			1,1-Dichloroethene	ND	mg/L	0.001	0.00049	
			1,1-Dichloropropene	ND	mg/L	0.001	0.00028	
			1,2,3-Trichlorobenzene	ND	mg/L	0.005	0.00035	
			1,2,3-Trichloropropane	ND	mg/L	0.003	0.00092	
			1,2,4-Trichlorobenzene	ND	mg/L	0.005	0.00049	
			1,2,4-Trimethylbenzene	ND	mg/L	0.001	0.00034	
			1,2-Dibromo-3-chloropropane	ND	mg/L	0.005	0.00097	
			1,2-Dibromoethane	ND	mg/L	0.001	0.00033	
			1,2-Dichlorobenzene	ND	mg/L	0.001	0.00038	
			1,2-Dichloroethane	ND	mg/L	0.001	0.00037	
			1,2-Dichloropropane	ND	mg/L	0.001	0.00042	
			1,3,5-Trimethylbenzene	ND	mg/L	0.001	0.00043	
			1,3-Dichlorobenzene	ND	mg/L	0.001	0.00044	
			1,3-Dichloropropane	ND	mg/L	0.001	0.00024	
			1,4-Dichlorobenzene	ND	mg/L	0.001	0.0004	
			2,2-Dichloropropane	ND	mg/L	0.001	0.00037	
			2-Butanone	ND	mg/L	0.005	0.0028	
			2-Chloroethyl vinyl ether	ND	mg/L	0.005	0.00019	
			2-Chlorotoluene	ND	mg/L	0.001	0.00046	
			2-Hexanone	ND	mg/L	0.005	0.0011	
			4-Chlorotoluene	ND	mg/L	0.001	0.00059	
			4-Isopropyltoluene	ND	mg/L	0.001	0.00026	
			4-Methyl-2-pentanone	ND	mg/L	0.005	0.0014	
			Acetone	ND	mg/L	0.005	0.003	
			Acrolein	ND	mg/L	0.05	0.0041	
			Acrylamide	ND	mg/L	0.001	0.00078	
			Benzene	ND	mg/L	0.001	0.00043	
			Bromobenzene	ND	mg/L	0.001	0.00058	
			Bromochloromethane	ND	mg/L	0.001	0.00058	
			Bromodichloromethane	ND	mg/L	0.001	0.00034	
			Bromoethane	ND	mg/L	0.002	0.00064	
			Bromoform	ND	mg/L	0.001	0.00031	

Summary of Analytical Results for Trip Blanks
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE00TB103	Water	SW8260	Bromomethane	ND	mg/L	0.001	0.00058	
			Carbon disulfide	ND	mg/L	0.001	0.00036	
			Carbon tetrachloride	ND	mg/L	0.001	0.00045	
			Chlorobenzene	ND	mg/L	0.001	0.00036	
			Chloroethane	ND	mg/L	0.001	0.00051	
			Chloroform	ND	mg/L	0.001	0.00053	
			Chloromethane	ND	mg/L	0.001	0.00056	
			cis-1,2-Dichloroethene	ND	mg/L	0.001	0.00039	
			cis-1,3-Dichloropropene	ND	mg/L	0.001	0.00027	
			Dibromochloromethane	ND	mg/L	0.001	0.00024	
			Dibromomethane	ND	mg/L	0.001	0.00053	
			Ethylbenzene	ND	mg/L	0.001	0.00035	
			Hexachlorobutadiene	ND	mg/L	0.005	0.00058	
			Isopropylbenzene	ND	mg/L	0.001	0.00037	
			m,p-Xylene (Sum of Isomers)	ND	mg/L	0.001	0.00061	
			Methyl iodide	ND	mg/L	0.001	0.00061	
			Methylene chloride	ND	mg/L	0.002	0.00069	
			Naphthalene	ND	mg/L	0.005	0.00028	
			n-Butylbenzene	ND	mg/L	0.001	0.00026	
			n-Propylbenzene	ND	mg/L	0.001	0.00043	
			o-Xylene	ND	mg/L	0.001	0.00035	
			sec-Butylbenzene	ND	mg/L	0.001	0.00025	
			Styrene	ND	mg/L	0.001	0.00028	
			tert-Butylbenzene	ND	mg/L	0.001	0.00035	
			Tetrachloroethene	ND	mg/L	0.001	0.00031	
			Toluene	ND	mg/L	0.001	0.00042	
			trans-1,2-Dichloroethene	ND	mg/L	0.001	0.00054	
			trans-1,3-Dichloropropene	ND	mg/L	0.001	0.00026	
			trans-1,4-Dichloro-2-butene	ND	mg/L	0.005	0.0003	
			Trichloroethene	ND	mg/L	0.001	0.00042	
			Trichlorofluoromethane	ND	mg/L	0.001	0.00029	
			Vinyl acetate	ND	mg/L	0.005	0.0004	
			Vinyl chloride	ND	mg/L	0.001	0.0004	
01NE00TB104	Soil	SW8260 SIM	Benzene	ND	mg/Kg	0.005	0.005	
			Ethylbenzene	0.008	mg/Kg	0.005	0.0024	
			m,p-Xylene (Sum of Isomers)	0.03	mg/Kg	0.01	0.01	
			o-Xylene	0.0098	mg/Kg	0.005	0.0042	
			Toluene	0.045	mg/Kg	0.005	0.0048	
		AK101	Gasoline Range Organics	ND	mg/Kg	24	8.32	
		E160.3	Total Solids	100	PERCENT	0.01	0.01	
01NE00TB108	Water	AK101	Gasoline Range Organics	ND	mg/L	0.25	0.1	
		SW8260	1,1,1,2-Tetrachloroethane	ND	mg/L	0.001	0.00026	
			1,1,1-Trichloroethane	ND	mg/L	0.001	0.0004	
			1,1,2,2-Tetrachloroethane	ND	mg/L	0.001	0.00032	
			1,1,2-Trichloro-1,2,2-trifluoroetha	ND	mg/L	0.002	0.0003	
			1,1,2-Trichloroethane	ND	mg/L	0.001	0.00039	
			1,1-Dichloroethane	ND	mg/L	0.001	0.00049	
			1,1-Dichloroethene	ND	mg/L	0.001	0.00049	
			1,1-Dichloropropene	ND	mg/L	0.001	0.00028	
			1,2,3-Trichlorobenzene	ND	mg/L	0.005	0.00035	
			1,2,3-Trichloropropane	ND	mg/L	0.003	0.00092	
			1,2,4-Trichlorobenzene	ND	mg/L	0.005	0.00049	
			1,2,4-Trimethylbenzene	ND	mg/L	0.001	0.00034	
			1,2-Dibromo-3-chloropropane	ND	mg/L	0.005	0.00097	
			1,2-Dibromoethane	ND	mg/L	0.001	0.00033	
			1,2-Dichlorobenzene	ND	mg/L	0.001	0.00038	
			1,2-Dichloroethane	ND	mg/L	0.001	0.00037	
			1,2-Dichloropropane	ND	mg/L	0.001	0.00042	
			1,3,5-Trimethylbenzene	ND	mg/L	0.001	0.00043	

Summary of Analytical Results for Trip Blanks
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE00TB108	Water	SW8260	1,3-Dichlorobenzene	ND	mg/L	0.001	0.00044	
			1,3-Dichloropropane	ND	mg/L	0.001	0.00024	
			1,4-Dichlorobenzene	ND	mg/L	0.001	0.0004	
			2,2-Dichloropropane	ND	mg/L	0.001	0.00037	
			2-Butanone	ND	mg/L	0.005	0.0028	
			2-Chloroethyl vinyl ether	ND	mg/L	0.005	0.00019	
			2-Chlorotoluene	ND	mg/L	0.001	0.00046	
			2-Hexanone	ND	mg/L	0.005	0.0011	
			4-Chlorotoluene	ND	mg/L	0.001	0.00059	
			4-Isopropyltoluene	ND	mg/L	0.001	0.00026	
			4-Methyl-2-pentanone	ND	mg/L	0.005	0.0014	
			Acetone	ND	mg/L	0.005	0.003	
			Acrolein	ND	mg/L	0.05	0.0041	
			Acrylamide	ND	mg/L	0.001	0.00078	
			Benzene	ND	mg/L	0.001	0.00043	
			Bromobenzene	ND	mg/L	0.001	0.00058	
			Bromochloromethane	ND	mg/L	0.001	0.00058	
			Bromodichloromethane	ND	mg/L	0.001	0.00034	
			Bromoethane	ND	mg/L	0.002	0.00064	
			Bromoform	ND	mg/L	0.001	0.00031	
			Bromomethane	ND	mg/L	0.001	0.00058	
			Carbon disulfide	ND	mg/L	0.001	0.00036	
			Carbon tetrachloride	ND	mg/L	0.001	0.00045	
			Chlorobenzene	ND	mg/L	0.001	0.00036	
			Chloroethane	ND	mg/L	0.001	0.00051	
			Chloroform	ND	mg/L	0.001	0.00053	
			Chloromethane	ND	mg/L	0.001	0.00056	
			cis-1,2-Dichloroethene	ND	mg/L	0.001	0.00039	
			cis-1,3-Dichloropropene	ND	mg/L	0.001	0.00027	
			Dibromochloromethane	ND	mg/L	0.001	0.00024	
			Dibromomethane	ND	mg/L	0.001	0.00053	
			Ethylbenzene	ND	mg/L	0.001	0.00035	
			Hexachlorobutadiene	ND	mg/L	0.005	0.00058	
			Isopropylbenzene	ND	mg/L	0.001	0.00037	
			m,p-Xylene (Sum of Isomers)	ND	mg/L	0.001	0.00061	
			Methyl iodide	ND	mg/L	0.001	0.00061	
			Methylene chloride	ND	mg/L	0.002	0.00069	
			Naphthalene	ND	mg/L	0.005	0.00028	
			n-Butylbenzene	ND	mg/L	0.001	0.00026	
			n-Propylbenzene	ND	mg/L	0.001	0.00043	
			o-Xylene	ND	mg/L	0.001	0.00035	
			sec-Butylbenzene	ND	mg/L	0.001	0.00025	
			Styrene	ND	mg/L	0.001	0.00028	
			tert-Butylbenzene	ND	mg/L	0.001	0.00035	
			Tetrachloroethene	ND	mg/L	0.001	0.00031	
			Toluene	ND	mg/L	0.001	0.00042	
			trans-1,2-Dichloroethene	ND	mg/L	0.001	0.00054	
			trans-1,3-Dichloropropene	ND	mg/L	0.001	0.00026	
			trans-1,4-Dichloro-2-butene	ND	mg/L	0.005	0.0003	
			Trichloroethene	ND	mg/L	0.001	0.00042	
			Trichlorofluoromethane	ND	mg/L	0.001	0.00029	
			Vinyl acetate	ND	mg/L	0.005	0.0004	
			Vinyl chloride	ND	mg/L	0.001	0.0004	
01NE00TB109	Soil	SW8260 SIM	Benzene	ND	mg/Kg	0.049	0.049	
			Ethylbenzene	0.087	mg/Kg	0.049	0.024	
			m,p-Xylene (Sum of Isomers)	0.33	mg/Kg	0.097	0.097	
			o-Xylene	0.1	mg/Kg	0.049	0.041	
			Toluene	0.44	mg/Kg	0.049	0.046	
		AK101	Gasoline Range Organics	ND	mg/Kg	24	8.32	

Summary of Analytical Results for Trip Blanks
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE00TB109	Soil	E160.3	Total Solids	10.27	PERCENT	0.01	0.01	
01NE00TB111	Soil	SW8260 SIM	Benzene	ND	mg/Kg	0.005	0.005	
		AK101	Gasoline Range Organics	ND	mg/Kg	24	8.32	
		E160.3	Total Solids	100	PERCENT	0.01	0.01	
		SW8260	1,1,1,2-Tetrachloroethane	ND	mg/Kg	0.05	0.02	
			1,1,1-Trichloroethane	ND	mg/Kg	0.05	0.014	
			1,1,2,2-Tetrachloroethane	ND	mg/Kg	0.05	0.033	
			1,1,2-Trichloro-1,2,2-trifluoroetha	ND	mg/Kg	0.05	0.012	
			1,1,2-Trichloroethane	ND	mg/Kg	0.05	0.014	
			1,1-Dichloroethane	ND	mg/Kg	0.05	0.018	
			1,1-Dichloroethene	ND	mg/Kg	0.05	0.016	
			1,1-Dichloropropene	ND	mg/Kg	0.05	0.014	
			1,2,3-Trichlorobenzene	ND	mg/Kg	0.25	0.023	
			1,2,3-Trichloropropane	ND	mg/Kg	0.1	0.029	
			1,2,4-Trichlorobenzene	ND	mg/Kg	0.25	0.022	
			1,2,4-Trimethylbenzene	ND	mg/Kg	0.05	0.019	
			1,2-Dibromo-3-chloropropane	ND	mg/Kg	0.25	0.036	
			1,2-Dibromoethane	ND	mg/Kg	0.05	0.015	
			1,2-Dichlorobenzene	ND	mg/Kg	0.05	0.022	
			1,2-Dichloroethane	ND	mg/Kg	0.05	0.01	
			1,2-Dichloropropane	ND	mg/Kg	0.05	0.012	
			1,3,5-Trimethylbenzene	ND	mg/Kg	0.05	0.02	
			1,3-Dichlorobenzene	ND	mg/Kg	0.05	0.018	
			1,3-Dichloropropane	ND	mg/Kg	0.05	0.02	
			1,4-Dichlorobenzene	ND	mg/Kg	0.05	0.02	
			2,2-Dichloropropane	ND	mg/Kg	0.05	0.018	
			2-Butanone	ND	mg/Kg	0.25	0.23	
			2-Chloroethyl vinyl ether	ND	mg/Kg	0.25	0.022	
			2-Chlorotoluene	ND	mg/Kg	0.05	0.031	
			2-Hexanone	ND	mg/Kg	0.25	0.2	
			4-Chlorotoluene	ND	mg/Kg	0.05	0.019	
			4-Isopropyltoluene	ND	mg/Kg	0.05	0.02	
			4-Methyl-2-pentanone	ND	mg/Kg	0.25	0.15	
			Acetone	ND	mg/Kg	0.25	0.23	
			Acrolein	ND	mg/Kg	2.5	0.32	
			Acrylamide	ND	mg/Kg	0.25	0.036	
			Bromobenzene	ND	mg/Kg	0.05	0.02	
			Bromochloromethane	ND	mg/Kg	0.05	0.018	
			Bromodichloromethane	ND	mg/Kg	0.05	0.008	
			Bromoethane	ND	mg/Kg	0.1	0.021	
			Bromoform	ND	mg/Kg	0.05	0.016	
			Bromomethane	0.09	mg/Kg	0.05	0.032	VB
			Carbon disulfide	ND	mg/Kg	0.05	0.014	
			Carbon tetrachloride	ND	mg/Kg	0.05	0.012	
			Chlorobenzene	ND	mg/Kg	0.05	0.017	
			Chloroethane	ND	mg/Kg	0.05	0.017	
			Chloroform	ND	mg/Kg	0.05	0.014	
			Chloromethane	ND	mg/Kg	0.05	0.014	
			cis-1,2-Dichloroethene	ND	mg/Kg	0.05	0.014	
			cis-1,3-Dichloropropene	ND	mg/Kg	0.05	0.012	
			Dibromochloromethane	ND	mg/Kg	0.05	0.014	
			Dibromomethane	ND	mg/Kg	0.05	0.014	
			Ethylbenzene	ND	mg/Kg	0.05	0.018	
			Hexachlorobutadiene	ND	mg/Kg	0.25	0.066	
			Isopropylbenzene	ND	mg/Kg	0.05	0.021	
			m,p-Xylene (Sum of Isomers)	ND	mg/Kg	0.05	0.037	
			Methyl iodide	ND	mg/Kg	0.05	0.022	
			Methylene chloride	ND	mg/Kg	0.15	0.11	
			Naphthalene	ND	mg/Kg	0.25	0.036	

Summary of Analytical Results for Trip Blanks
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE00TB111	Soil	SW8260	n-Butylbenzene	ND	mg/Kg	0.1	0.022	
			n-Propylbenzene	ND	mg/Kg	0.05	0.019	
			o-Xylene	ND	mg/Kg	0.05	0.016	
			sec-Butylbenzene	ND	mg/Kg	0.05	0.024	
			Styrene	ND	mg/Kg	0.05	0.014	
			tert-Butylbenzene	ND	mg/Kg	0.05	0.022	
			Tetrachloroethene	ND	mg/Kg	0.05	0.026	
			Toluene	0.061	mg/Kg	0.05	0.016	
			trans-1,2-Dichloroethene	ND	mg/Kg	0.05	0.016	
			trans-1,3-Dichloropropene	ND	mg/Kg	0.05	0.011	
			trans-1,4-Dichloro-2-butene	ND	mg/Kg	0.25	0.019	
			Trichloroethene	ND	mg/Kg	0.05	0.018	
			Trichlorofluoromethane	ND	mg/Kg	0.05	0.02	
			Vinyl acetate	ND	mg/Kg	0.25	0.034	
			Vinyl chloride	ND	mg/Kg	0.05	0.018	
01NE00TB113	Water	AK101	Gasoline Range Organics	ND	mg/L	0.25	0.1	
01NE00TB114	Soil	SW8260 SIM	Benzene	ND	mg/Kg	0.005	0.005	
			Ethylbenzene	0.0071	mg/Kg	0.005	0.0024	
			m,p-Xylene (Sum of Isomers)	0.028	mg/Kg	0.01	0.01	
			o-Xylene	0.0083	mg/Kg	0.005	0.0042	
			Toluene	0.044	mg/Kg	0.005	0.0048	
		AK101	Gasoline Range Organics	ND	mg/Kg	24	8.32	
		E160.3	Total Solids	100	PERCENT	0.01	0.01	
01NE00TB115	Water	AK101	Gasoline Range Organics	ND	mg/L	0.25	0.1	
		SW8021	Benzene	ND	mg/L	0.001	0.0002	
			Ethylbenzene	ND	mg/L	0.001	0.00019	
			m,p-Xylene (Sum of Isomers)	ND	mg/L	0.001	0.00021	
			o-Xylene	ND	mg/L	0.001	0.00015	
			Toluene	ND	mg/L	0.001	0.0002	
		SW8260	1,1,1,2-Tetrachloroethane	ND	mg/L	0.001	0.00026	
			1,1,1-Trichloroethane	ND	mg/L	0.001	0.0004	
			1,1,2,2-Tetrachloroethane	ND	mg/L	0.001	0.00032	
			1,1,2-Trichloro-1,2,2-trifluoroetha	ND	mg/L	0.002	0.0003	
			1,1,2-Trichloroethane	ND	mg/L	0.001	0.00039	
			1,1-Dichloroethane	ND	mg/L	0.001	0.00049	
			1,1-Dichloroethene	ND	mg/L	0.001	0.00049	
			1,1-Dichloropropene	ND	mg/L	0.001	0.00028	
			1,2,3-Trichlorobenzene	ND	mg/L	0.005	0.00035	
			1,2,3-Trichloropropane	ND	mg/L	0.003	0.00092	
			1,2,4-Trichlorobenzene	ND	mg/L	0.005	0.00049	
			1,2,4-Trimethylbenzene	ND	mg/L	0.001	0.00034	
			1,2-Dibromo-3-chloropropane	ND	mg/L	0.005	0.00097	
			1,2-Dibromoethane	ND	mg/L	0.001	0.00033	
			1,2-Dichlorobenzene	ND	mg/L	0.001	0.00038	
			1,2-Dichloroethane	ND	mg/L	0.001	0.00037	
			1,2-Dichloropropane	ND	mg/L	0.001	0.00042	
			1,3,5-Trimethylbenzene	ND	mg/L	0.001	0.00043	
			1,3-Dichlorobenzene	ND	mg/L	0.001	0.00044	
			1,3-Dichloropropane	ND	mg/L	0.001	0.00024	
			1,4-Dichlorobenzene	ND	mg/L	0.001	0.0004	
			2,2-Dichloropropane	ND	mg/L	0.001	0.00037	
			2-Butanone	ND	mg/L	0.005	0.0028	
			2-Chloroethyl vinyl ether	ND	mg/L	0.005	0.00019	
			2-Chlorotoluene	ND	mg/L	0.001	0.00046	
			2-Hexanone	ND	mg/L	0.005	0.0011	
			4-Chlorotoluene	ND	mg/L	0.001	0.00059	
			4-Isopropyltoluene	ND	mg/L	0.001	0.00026	
			4-Methyl-2-pentanone	ND	mg/L	0.005	0.0014	
			Acetone	ND	mg/L	0.005	0.003	

Summary of Analytical Results for Trip Blanks
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE00TB115	Water	SW8260	Acrolein	ND	mg/L	0.05	0.0041	
			Acrylamide	ND	mg/L	0.001	0.00078	
			Benzene	ND	mg/L	0.001	0.00043	
			Bromobenzene	ND	mg/L	0.001	0.00058	
			Bromochloromethane	ND	mg/L	0.001	0.00058	
			Bromodichloromethane	ND	mg/L	0.001	0.00034	
			Bromoethane	ND	mg/L	0.002	0.00064	
			Bromoform	ND	mg/L	0.001	0.00031	
			Bromomethane	ND	mg/L	0.001	0.00058	
			Carbon disulfide	ND	mg/L	0.001	0.00036	
			Carbon tetrachloride	ND	mg/L	0.001	0.00045	
			Chlorobenzene	ND	mg/L	0.001	0.00036	
			Chloroethane	ND	mg/L	0.001	0.00051	
			Chloroform	ND	mg/L	0.001	0.00053	
			Chloromethane	ND	mg/L	0.001	0.00056	
			cis-1,2-Dichloroethene	ND	mg/L	0.001	0.00039	
			cis-1,3-Dichloropropene	ND	mg/L	0.001	0.00027	
			Dibromochloromethane	ND	mg/L	0.001	0.00024	
			Dibromomethane	ND	mg/L	0.001	0.00053	
			Ethylbenzene	ND	mg/L	0.001	0.00035	
			Hexachlorobutadiene	ND	mg/L	0.005	0.00058	
			Isopropylbenzene	ND	mg/L	0.001	0.00037	
			m,p-Xylene (Sum of Isomers)	ND	mg/L	0.001	0.00061	
			Methyl iodide	ND	mg/L	0.001	0.00061	
			Methylene chloride	ND	mg/L	0.002	0.00069	
			Naphthalene	ND	mg/L	0.005	0.00028	
			n-Butylbenzene	ND	mg/L	0.001	0.00026	
			n-Propylbenzene	ND	mg/L	0.001	0.00043	
			o-Xylene	ND	mg/L	0.001	0.00035	
			sec-Butylbenzene	ND	mg/L	0.001	0.00025	
			Styrene	ND	mg/L	0.001	0.00028	
			tert-Butylbenzene	ND	mg/L	0.001	0.00035	
			Tetrachloroethene	ND	mg/L	0.001	0.00031	
			Toluene	ND	mg/L	0.001	0.00042	
			trans-1,2-Dichloroethene	ND	mg/L	0.001	0.00054	
			trans-1,3-Dichloropropene	ND	mg/L	0.001	0.00026	
			trans-1,4-Dichloro-2-butene	ND	mg/L	0.005	0.0003	
			Trichloroethene	ND	mg/L	0.001	0.00042	
			Trichlorofluoromethane	ND	mg/L	0.001	0.00029	
			Vinyl acetate	ND	mg/L	0.005	0.0004	
			Vinyl chloride	ND	mg/L	0.001	0.0004	
01NE00TB116	Water	AK101	Gasoline Range Organics	ND	mg/L	0.25	0.1	
		SW8260	1,1,1,2-Tetrachloroethane	ND	mg/L	0.001	0.00026	
			1,1,1-Trichloroethane	ND	mg/L	0.001	0.0004	
			1,1,2,2-Tetrachloroethane	ND	mg/L	0.001	0.00032	
			1,1,2-Trichloro-1,2,2-trifluoroetha	ND	mg/L	0.002	0.0003	
			1,1,2-Trichloroethane	ND	mg/L	0.001	0.00039	
			1,1-Dichloroethane	ND	mg/L	0.001	0.00049	
			1,1-Dichloroethene	ND	mg/L	0.001	0.00049	
			1,1-Dichloropropene	ND	mg/L	0.001	0.00028	
			1,2,3-Trichlorobenzene	ND	mg/L	0.005	0.00035	
			1,2,3-Trichloropropane	ND	mg/L	0.003	0.00092	
			1,2,4-Trichlorobenzene	ND	mg/L	0.005	0.00049	
			1,2,4-Trimethylbenzene	ND	mg/L	0.001	0.00034	
			1,2-Dibromo-3-chloropropane	ND	mg/L	0.005	0.00097	
			1,2-Dibromoethane	ND	mg/L	0.001	0.00033	
			1,2-Dichlorobenzene	ND	mg/L	0.001	0.00038	
			1,2-Dichloroethane	ND	mg/L	0.001	0.00037	
			1,2-Dichloropropane	ND	mg/L	0.001	0.00042	

Summary of Analytical Results for Trip Blanks
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE00TB116	Water	SW8260	1,3,5-Trimethylbenzene	ND	mg/L	0.001	0.00043	
			1,3-Dichlorobenzene	ND	mg/L	0.001	0.00044	
			1,3-Dichloropropane	ND	mg/L	0.001	0.00024	
			1,4-Dichlorobenzene	ND	mg/L	0.001	0.0004	
			2,2-Dichloropropane	ND	mg/L	0.001	0.00037	
			2-Butanone	ND	mg/L	0.005	0.0028	
			2-Chloroethyl vinyl ether	ND	mg/L	0.005	0.00019	
			2-Chlorotoluene	ND	mg/L	0.001	0.00046	
			2-Hexanone	ND	mg/L	0.005	0.0011	
			4-Chlorotoluene	ND	mg/L	0.001	0.00059	
			4-Isopropyltoluene	ND	mg/L	0.001	0.00026	
			4-Methyl-2-pentanone	ND	mg/L	0.005	0.0014	
			Acetone	ND	mg/L	0.005	0.003	
			Acrolein	ND	mg/L	0.05	0.0041	
			Acrylamide	ND	mg/L	0.001	0.00078	
			Benzene	ND	mg/L	0.001	0.00043	
			Bromobenzene	ND	mg/L	0.001	0.00058	
			Bromochloromethane	ND	mg/L	0.001	0.00058	
			Bromodichloromethane	ND	mg/L	0.001	0.00034	
			Bromoethane	ND	mg/L	0.002	0.00064	
			Bromoform	ND	mg/L	0.001	0.00031	
			Bromomethane	ND	mg/L	0.001	0.00058	
			Carbon disulfide	ND	mg/L	0.001	0.00036	
			Carbon tetrachloride	ND	mg/L	0.001	0.00045	
			Chlorobenzene	ND	mg/L	0.001	0.00036	
			Chloroethane	ND	mg/L	0.001	0.00051	
			Chloroform	ND	mg/L	0.001	0.00053	
			Chloromethane	ND	mg/L	0.001	0.00056	
			cis-1,2-Dichloroethene	ND	mg/L	0.001	0.00039	
			cis-1,3-Dichloropropene	ND	mg/L	0.001	0.00027	
			Dibromochloromethane	ND	mg/L	0.001	0.00024	
			Dibromomethane	ND	mg/L	0.001	0.00053	
			Ethylbenzene	ND	mg/L	0.001	0.00035	
			Hexachlorobutadiene	ND	mg/L	0.005	0.00058	
			Isopropylbenzene	ND	mg/L	0.001	0.00037	
			m,p-Xylene (Sum of Isomers)	ND	mg/L	0.001	0.00061	
			Methyl iodide	ND	mg/L	0.001	0.00061	
			Methylene chloride	ND	mg/L	0.002	0.00069	
			Naphthalene	ND	mg/L	0.005	0.00028	
			n-Butylbenzene	ND	mg/L	0.001	0.00026	
			n-Propylbenzene	ND	mg/L	0.001	0.00043	
			o-Xylene	ND	mg/L	0.001	0.00035	
			sec-Butylbenzene	ND	mg/L	0.001	0.00025	
			Styrene	ND	mg/L	0.001	0.00028	
			tert-Butylbenzene	ND	mg/L	0.001	0.00035	
			Tetrachloroethene	ND	mg/L	0.001	0.00031	
			Toluene	ND	mg/L	0.001	0.00042	
			trans-1,2-Dichloroethene	ND	mg/L	0.001	0.00054	
			trans-1,3-Dichloropropene	ND	mg/L	0.001	0.00026	
			trans-1,4-Dichloro-2-butene	ND	mg/L	0.005	0.0003	
			Trichloroethene	ND	mg/L	0.001	0.00042	
			Trichlorofluoromethane	ND	mg/L	0.001	0.00029	
			Vinyl acetate	ND	mg/L	0.005	0.0004	
			Vinyl chloride	ND	mg/L	0.001	0.0004	
01NE00TB118	Water	AK101	Gasoline Range Organics	ND	mg/L	0.25	0.1	
		SW8260	1,1,1,2-Tetrachloroethane	ND	mg/L	0.001	0.00026	
			1,1,1-Trichloroethane	ND	mg/L	0.001	0.0004	
			1,1,2,2-Tetrachloroethane	ND	mg/L	0.001	0.00032	
			1,1,2-Trichloro-1,2,2-trifluoroetha	ND	mg/L	0.002	0.0003	

Summary of Analytical Results for Trip Blanks
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE00TB118	Water	SW8260	1,1,2-Trichloroethane	ND	mg/L	0.001	0.00039	
			1,1-Dichloroethane	ND	mg/L	0.001	0.00049	
			1,1-Dichloroethene	ND	mg/L	0.001	0.00049	
			1,1-Dichloropropene	ND	mg/L	0.001	0.00028	
			1,2,3-Trichlorobenzene	ND	mg/L	0.005	0.00035	
			1,2,3-Trichloropropane	ND	mg/L	0.003	0.00092	
			1,2,4-Trichlorobenzene	ND	mg/L	0.005	0.00049	
			1,2,4-Trimethylbenzene	ND	mg/L	0.001	0.00034	
			1,2-Dibromo-3-chloropropane	ND	mg/L	0.005	0.00097	
			1,2-Dibromoethane	ND	mg/L	0.001	0.00033	
			1,2-Dichlorobenzene	ND	mg/L	0.001	0.00038	
			1,2-Dichloroethane	ND	mg/L	0.001	0.00037	
			1,2-Dichloropropane	ND	mg/L	0.001	0.00042	
			1,3,5-Trimethylbenzene	ND	mg/L	0.001	0.00043	
			1,3-Dichlorobenzene	ND	mg/L	0.001	0.00044	
			1,3-Dichloropropane	ND	mg/L	0.001	0.00024	
			1,4-Dichlorobenzene	ND	mg/L	0.001	0.0004	
			2,2-Dichloropropane	ND	mg/L	0.001	0.00037	
			2-Butanone	ND	mg/L	0.005	0.0028	
			2-Chloroethyl vinyl ether	ND	mg/L	0.005	0.00019	
			2-Chlorotoluene	ND	mg/L	0.001	0.00046	
			2-Hexanone	ND	mg/L	0.005	0.0011	
			4-Chlorotoluene	ND	mg/L	0.001	0.00059	
			4-Isopropyltoluene	ND	mg/L	0.001	0.00026	
			4-Methyl-2-pentanone	ND	mg/L	0.005	0.0014	
			Acetone	ND	mg/L	0.005	0.003	
			Acrolein	ND	mg/L	0.05	0.0041	
			Acrylamide	ND	mg/L	0.001	0.00078	
			Benzene	ND	mg/L	0.001	0.00043	
			Bromobenzene	ND	mg/L	0.001	0.00058	
			Bromochloromethane	ND	mg/L	0.001	0.00058	
			Bromodichloromethane	ND	mg/L	0.001	0.00034	
			Bromoethane	ND	mg/L	0.002	0.00064	
			Bromoform	ND	mg/L	0.001	0.00031	
			Bromomethane	ND	mg/L	0.001	0.00058	
			Carbon disulfide	ND	mg/L	0.001	0.00036	
			Carbon tetrachloride	ND	mg/L	0.001	0.00045	
			Chlorobenzene	ND	mg/L	0.001	0.00036	
			Chloroethane	ND	mg/L	0.001	0.00051	
			Chloroform	ND	mg/L	0.001	0.00053	
			Chloromethane	0.0032	mg/L	0.001	0.00056	
			cis-1,2-Dichloroethene	ND	mg/L	0.001	0.00039	
			cis-1,3-Dichloropropene	ND	mg/L	0.001	0.00027	
			Dibromochloromethane	ND	mg/L	0.001	0.00024	
			Dibromomethane	ND	mg/L	0.001	0.00053	
			Ethylbenzene	ND	mg/L	0.001	0.00035	
			Hexachlorobutadiene	ND	mg/L	0.005	0.00058	
			Isopropylbenzene	ND	mg/L	0.001	0.00037	
			m,p-Xylene (Sum of Isomers)	ND	mg/L	0.001	0.00061	
			Methyl iodide	ND	mg/L	0.001	0.00061	
			Methylene chloride	ND	mg/L	0.002	0.00069	
			Naphthalene	ND	mg/L	0.005	0.00028	
			n-Butylbenzene	ND	mg/L	0.001	0.00026	
			n-Propylbenzene	ND	mg/L	0.001	0.00043	
			o-Xylene	ND	mg/L	0.001	0.00035	
			sec-Butylbenzene	ND	mg/L	0.001	0.00025	
			Styrene	ND	mg/L	0.001	0.00028	
			tert-Butylbenzene	ND	mg/L	0.001	0.00035	
			Tetrachloroethene	ND	mg/L	0.001	0.00031	

Summary of Soil Results Site 88
2002 Sampling Event

Sample ID	Site location	Method	Analyte	Result	Units	MRL	MDL	Qualifier
02NE88SB001	NE19	AK101	Gasoline Range Organics (C6-C10)	19	mg/Kg	2.7	2.2	
		AK102	Diesel Range Organics (C10-C25)	5000	mg/Kg	110	48	
		AK103	Residual Range Organics	39	mg/Kg	110	4.5	VJ
		D4129	Total Organic Carbon (TOC)	0.15	percent	0.05	0.02	
		E160.3M	Total Solids	94.7	percent	0	0	
		SW6020	Chromium	6.5	mg/Kg	0.21	0.01	
			Lead	50.5	mg/Kg	0.05	0.03	
			Zinc	57.6	mg/Kg	0.53	0.06	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.11	0.043	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.22	0.0074	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.11	0.017	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.11	0.0065	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.11	0.0045	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.11	0.0087	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.11	0.0049	
		SW8260B	Benzene	ND	mg/Kg	0.012	0.012	
			Ethylbenzene	ND	mg/Kg	0.027	0.011	
			o-Xylene	ND	mg/Kg	0.027	0.0083	
			Toluene	ND	mg/Kg	0.027	0.011	
			Xylene, Isomers m & p	ND	mg/Kg	0.027	0.02	
		SW8270 SIM	Acenaphthene	ND	mg/Kg	0.0053	0.00023	
			Acenaphthylene	ND	mg/Kg	0.0053	0.00017	
			Anthracene	ND	mg/Kg	0.0053	0.00021	
			Benzo(a)anthracene	0.00051	mg/Kg	0.0053	0.00014	VJ
			Benzo(a)pyrene	ND	mg/Kg	0.0053	0.00015	
			Benzo(b)fluoranthene	0.0007	mg/Kg	0.0053	0.00015	VJ
			Benzo(g,h,i)perylene	0.00026	mg/Kg	0.0053	0.00011	VJ
			Benzo(k)fluoranthene	ND	mg/Kg	0.0053	0.00016	
			Chrysene	0.001	mg/Kg	0.0053	0.00016	VJ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0053	0.0002	
			Fluoranthene	ND	mg/Kg	0.0053	0.00018	
			Fluorene	ND	mg/Kg	0.0053	0.00018	
			Indeno(1,2,3-cd)pyrene	0.00024	mg/Kg	0.0053	0.00016	VJ
			Naphthalene	0.0022	mg/Kg	0.0053	0.00023	VJ
			Phenanthrene	ND	mg/Kg	0.0053	0.00016	
			Pyrene	0.0043	mg/Kg	0.0053	0.00012	VJ
02NE88SB002	NE19	AK101	Gasoline Range Organics (C6-C10)	4.9	mg/Kg	2.7	2.1	
		AK102	Diesel Range Organics (C10-C25)	1400	mg/Kg	11	4.7	
		AK103	Residual Range Organics	16	mg/Kg	110	4.4	VJ
		D4129	Total Organic Carbon (TOC)	0.13	percent	0.05	0.02	
		E160.3M	Total Solids	96.1	percent	0	0	
		SW6020	Chromium	4.38	mg/Kg	0.21	0.01	
			Lead	37.7	mg/Kg	0.05	0.03	
			Zinc	54.5	mg/Kg	0.52	0.06	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.11	0.042	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.21	0.0073	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.11	0.017	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.11	0.0064	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.11	0.0044	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.11	0.0086	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.11	0.0048	
		SW8260B	Benzene	ND	mg/Kg	0.011	0.011	
			Ethylbenzene	ND	mg/Kg	0.025	0.011	
			o-Xylene	ND	mg/Kg	0.025	0.0082	
			Toluene	ND	mg/Kg	0.025	0.011	
			Xylene, Isomers m & p	ND	mg/Kg	0.025	0.02	
		SW8270 SIM	Acenaphthene	ND	mg/Kg	0.0052	0.00022	
			Acenaphthylene	ND	mg/Kg	0.0052	0.00017	
			Anthracene	ND	mg/Kg	0.0052	0.0002	
			Benzo(a)anthracene	ND	mg/Kg	0.0052	0.00014	
			Benzo(a)pyrene	ND	mg/Kg	0.0052	0.00015	
			Benzo(b)fluoranthene	0.00031	mg/Kg	0.0052	0.00015	VJ
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0052	0.00011	
			Benzo(k)fluoranthene	ND	mg/Kg	0.0052	0.00016	
			Chrysene	0.00066	mg/Kg	0.0052	0.00016	VJ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0052	0.00019	
			Fluoranthene	ND	mg/Kg	0.0052	0.00018	
02NE88SB002	NE19	SW8270 SIM	Fluorene	ND	mg/Kg	0.0052	0.00018	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0052	0.00016	
			Naphthalene	0.00038	mg/Kg	0.0052	0.00022	VJ
			Phenanthrene	ND	mg/Kg	0.0052	0.00016	
			Pyrene	0.0022	mg/Kg	0.0052	0.00012	VJ

Summary of Soil Results Site 88
2002 Sampling Event

Sample ID	Site location	Method	Analyte	Result	Units	MRL	MDL	Qualifier
02NE88SB003	NE19	AK101	Gasoline Range Organics (C6-C10)	ND	mg/Kg	3	2.3	
		AK102	Diesel Range Organics (C10-C25)	ND	mg/Kg	12	5.2	
		AK103	Residual Range Organics	6	mg/Kg	120	4.9	VJ
		D4129	Total Organic Carbon (TOC)	0.19	percent	0.05	0.02	
		E160.3M	Total Solids	87.5	percent	0	0	
		SW6020	Chromium	16.1	mg/Kg	0.23	0.01	
			Lead	24.4	mg/Kg	0.06	0.03	
			Zinc	55.2	mg/Kg	0.57	0.07	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.12	0.046	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.23	0.008	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.12	0.019	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.12	0.007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.12	0.0048	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.12	0.0094	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.12	0.0053	
		SW8260B	Benzene	ND	mg/Kg	0.014	0.012	
			Ethylbenzene	ND	mg/Kg	0.035	0.012	
			o-Xylene	ND	mg/Kg	0.035	0.009	
			Toluene	ND	mg/Kg	0.035	0.012	
			Xylene, Isomers m & p	ND	mg/Kg	0.035	0.022	
		SW8270 SIM	Acenaphthene	ND	mg/Kg	0.0058	0.00024	
			Acenaphthylene	ND	mg/Kg	0.0058	0.00019	
			Anthracene	ND	mg/Kg	0.0058	0.00022	
			Benzo(a)anthracene	ND	mg/Kg	0.0058	0.00015	
			Benzo(a)pyrene	ND	mg/Kg	0.0058	0.00016	
			Benzo(b)fluoranthene	0.00045	mg/Kg	0.0058	0.00016	VJ
			Benzo(g,h,i)perylene	0.00065	mg/Kg	0.0058	0.00012	VJ
			Benzo(k)fluoranthene	ND	mg/Kg	0.0058	0.00018	
			Chrysene	ND	mg/Kg	0.0058	0.00018	
			Dibenzo(a,h)anthracene	0.00048	mg/Kg	0.0058	0.00021	VJ
			Fluoranthene	ND	mg/Kg	0.0058	0.0002	
			Fluorene	ND	mg/Kg	0.0058	0.0002	
			Indeno(1,2,3-cd)pyrene	0.00048	mg/Kg	0.0058	0.00018	VJ
			Naphthalene	0.001	mg/Kg	0.0058	0.00024	VJ
			Phenanthrene	0.00026	mg/Kg	0.0058	0.00018	VJ
			Pyrene	ND	mg/Kg	0.0058	0.00013	
02NE88SB004	NE19	AK101	Gasoline Range Organics (C6-C10)	ND	mg/Kg	3.6	2.2	
		AK102	Diesel Range Organics (C10-C25)	ND	mg/Kg	11	4.8	
		AK103	Residual Range Organics	7.1	mg/Kg	110	4.5	VJ
		D4129	Total Organic Carbon (TOC)	0.18	percent	0.05	0.02	
		E160.3M	Total Solids	94.4	percent	0	0	
		SW6020	Chromium	8	mg/Kg	0.21	0.01	
			Lead	14.9	mg/Kg	0.05	0.03	
			Zinc	36.1	mg/Kg	0.53	0.06	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.11	0.043	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.22	0.0075	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.11	0.017	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.11	0.0065	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.11	0.0045	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.11	0.0087	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.11	0.0049	
		SW8260B	Benzene	ND	mg/Kg	0.015	0.012	
			Ethylbenzene	ND	mg/Kg	0.037	0.011	
			o-Xylene	ND	mg/Kg	0.037	0.0084	
			Toluene	ND	mg/Kg	0.037	0.011	
			Xylene, Isomers m & p	ND	mg/Kg	0.037	0.02	
		SW8270 SIM	Acenaphthene	ND	mg/Kg	0.0053	0.00023	
			Acenaphthylene	ND	mg/Kg	0.0053	0.00017	
			Anthracene	ND	mg/Kg	0.0053	0.00021	
			Benzo(a)anthracene	ND	mg/Kg	0.0053	0.00014	
			Benzo(a)pyrene	ND	mg/Kg	0.0053	0.00015	
			Benzo(b)fluoranthene	0.0003	mg/Kg	0.0053	0.00015	VJ
02NE88SB004	NE19	SW8270 SIM	Benzo(g,h,i)perylene	ND	mg/Kg	0.0053	0.00011	
			Benzo(k)fluoranthene	ND	mg/Kg	0.0053	0.00016	
			Chrysene	ND	mg/Kg	0.0053	0.00016	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0053	0.0002	
			Fluoranthene	ND	mg/Kg	0.0053	0.00019	
			Fluorene	ND	mg/Kg	0.0053	0.00019	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0053	0.00016	
			Naphthalene	0.00056	mg/Kg	0.0053	0.00023	VJ
			Phenanthrene	ND	mg/Kg	0.0053	0.00016	
			Pyrene	ND	mg/Kg	0.0053	0.00012	

Summary of Soil Results Site 88
2002 Sampling Event

Sample ID	Site location	Method	Analyte	Result	Units	MRL	MDL	Qualifier
02NE88SB005	NE19	AK101	Gasoline Range Organics (C6-C10)	ND	mg/Kg	6	2.4	
		AK102	Diesel Range Organics (C10-C25)	7.6	mg/Kg	12	5.4	VJ
		AK103	Residual Range Organics	120	mg/Kg	120	5.1	VJ
		D4129	Total Organic Carbon (TOC)	0.82	percent	0.05	0.02	
		E160.3M	Total Solids	84.1	percent	0	0	
		SW6020	Chromium	22.3	mg/Kg	0.24	0.01	
			Lead	15.1	mg/Kg	0.06	0.04	
			Zinc	45.9	mg/Kg	0.6	0.07	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.12	0.048	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.24	0.0084	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.12	0.02	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.12	0.0073	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.12	0.005	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.12	0.0098	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.12	0.0055	
		SW8260B	Benzene	ND	mg/Kg	0.023	0.013	
			Ethylbenzene	ND	mg/Kg	0.058	0.012	
			o-Xylene	ND	mg/Kg	0.058	0.0094	
			Toluene	ND	mg/Kg	0.058	0.012	
			Xylene, Isomers m & p	ND	mg/Kg	0.058	0.023	
		SW8270 SIM	Acenaphthene	ND	mg/Kg	0.006	0.00025	
			Acenaphthylene	ND	mg/Kg	0.006	0.0002	
			Anthracene	ND	mg/Kg	0.006	0.00023	
			Benzo(a)anthracene	ND	mg/Kg	0.006	0.00016	
			Benzo(a)pyrene	ND	mg/Kg	0.006	0.00017	
			Benzo(b)fluoranthene	0.00032	mg/Kg	0.006	0.00017	VJ
			Benzo(g,h,i)perylene	ND	mg/Kg	0.006	0.00012	
			Benzo(k)fluoranthene	ND	mg/Kg	0.006	0.00018	
			Chrysene	0.00032	mg/Kg	0.006	0.00018	VJ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.006	0.00022	
			Fluoranthene	ND	mg/Kg	0.006	0.00021	
			Fluorene	ND	mg/Kg	0.006	0.00021	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.006	0.00018	
			Naphthalene	0.00081	mg/Kg	0.006	0.00025	VJ
			Phenanthrene	0.00051	mg/Kg	0.006	0.00018	VJ
			Pyrene	0.00017	mg/Kg	0.006	0.00014	VJ
02NE88SB006	NE19	AK101	Gasoline Range Organics (C6-C10)	51	mg/Kg	5.4	2.2	
		AK102	Diesel Range Organics (C10-C25)	3700	mg/Kg	11	5	
		AK103	Residual Range Organics	24	mg/Kg	110	4.6	VJ
		D4129	Total Organic Carbon (TOC)	0.16	percent	0.05	0.02	
		E160.3M	Total Solids	91.7	percent	0	0	
		SW6020	Chromium	13.1	mg/Kg	0.22	0.01	
			Lead	26.2	mg/Kg	0.05	0.03	VJ
			Zinc	52.8	mg/Kg	0.55	0.07	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.11	0.044	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.22	0.0077	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.11	0.018	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.11	0.0067	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.11	0.0046	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.11	0.009	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.11	0.0051	
		SW8260B	Benzene	ND	mg/Kg	0.021	0.012	
			Ethylbenzene	0.34	mg/Kg	0.051	0.011	VJ
			o-Xylene	ND	mg/Kg	0.051	0.0086	
			Toluene	ND	mg/Kg	0.051	0.011	
			Xylene, Isomers m & p	0.31	mg/Kg	0.051	0.021	VJ
		SW8270 SIM	Acenaphthene	0.15	mg/Kg	0.0055	0.00023	
02NE88SB006	NE19	SW8270 SIM	Acenaphthylene	ND	mg/Kg	0.0055	0.00018	
			Anthracene	0.034	mg/Kg	0.0055	0.00021	
			Benzo(a)anthracene	0.0011	mg/Kg	0.0055	0.00015	VJ
			Benzo(a)pyrene	ND	mg/Kg	0.0055	0.00016	
			Benzo(b)fluoranthene	0.00074	mg/Kg	0.0055	0.00016	VJ
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0055	0.00011	
			Benzo(k)fluoranthene	ND	mg/Kg	0.0055	0.00017	
			Chrysene	0.0027	mg/Kg	0.0055	0.00017	VJ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0055	0.0002	
			Fluoranthene	0.0041	mg/Kg	0.0055	0.00019	VJ
			Fluorene	0.36	mg/Kg	0.0055	0.00019	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0055	0.00017	
			Naphthalene	1.5	mg/Kg	0.055	0.0023	
			Phenanthrene	0.46	mg/Kg	0.0055	0.00017	
			Pyrene	0.011	mg/Kg	0.0055	0.00012	

Summary of Soil Results Site 88
2002 Sampling Event

Sample ID	Site location	Method	Analyte	Result	Units	MRL	MDL	Qualifier
02NE88SB206 (FD of SB006)	NE19	AK101	Gasoline Range Organics (C6-C10)	41	mg/Kg	6.1	2.5	
		AK102	Diesel Range Organics (C10-C25)	2900	mg/Kg	11	5	
		AK103	Residual Range Organics	23	mg/Kg	110	4.7	VJ
		D4129	Total Organic Carbon (TOC)	0.15	percent	0.05	0.02	
		E160.3M	Total Solids	90.6	percent	0	0	
		SW6020	Chromium	10.8	mg/Kg	0.22	0.01	
			Lead	61.1	mg/Kg	0.06	0.03	
			Zinc	55.9	mg/Kg	0.55	0.07	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.11	0.045	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.22	0.0078	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.11	0.018	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.11	0.0068	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.11	0.0047	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.11	0.0091	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.11	0.0051	
		SW8260B	Benzene	ND	mg/Kg	0.021	0.012	
			Ethylbenzene	0.092	mg/Kg	0.053	0.011	
			o-Xylene	ND	mg/Kg	0.053	0.0087	
			Toluene	ND	mg/Kg	0.053	0.011	
			Xylene, Isomers m & p	0.094	mg/Kg	0.053	0.021	
		SW8270 SIM	Acenaphthene	0.13	mg/Kg	0.0056	0.00024	
			Acenaphthylene	ND	mg/Kg	0.0056	0.00018	
			Anthracene	0.029	mg/Kg	0.0056	0.00021	
			Benzo(a)anthracene	0.0011	mg/Kg	0.0056	0.00015	VJ
			Benzo(a)pyrene	ND	mg/Kg	0.0056	0.00016	
			Benzo(b)fluoranthene	ND	mg/Kg	0.0056	0.00016	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0056	0.00012	
			Benzo(k)fluoranthene	ND	mg/Kg	0.0056	0.00017	
			Chrysene	0.0027	mg/Kg	0.0056	0.00017	VJ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0056	0.0002	
			Fluoranthene	0.004	mg/Kg	0.0056	0.00019	VJ
			Fluorene	0.33	mg/Kg	0.0056	0.00019	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0056	0.00017	
			Naphthalene	1	mg/Kg	0.056	0.0024	
			Phenanthrene	0.43	mg/Kg	0.0056	0.00017	
			Pyrene	0.01	mg/Kg	0.0056	0.00013	
02NE88SB007	NE27	AK101	Gasoline Range Organics (C6-C10)	44	mg/Kg	6.7	2.8	
		AK102	Diesel Range Organics (C10-C25)	12000	mg/Kg	140	62	
		AK103	Residual Range Organics	3700	mg/Kg	1400	58	
		D4129	Total Organic Carbon (TOC)	15.3	percent	0.05	0.02	
		E160.3M	Total Solids	73.7	percent	0	0	
		SW6020	Chromium	17.3	mg/Kg	0.23	0.01	
			Lead	11	mg/Kg	0.06	0.03	
			Zinc	17.3	mg/Kg	0.57	0.07	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.14	0.055	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.27	0.0095	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.14	0.022	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.14	0.0083	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.14	0.0057	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.14	0.012	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.14	0.0063	
02NE88SB007	NE27	SW8260B	Benzene	0.047	mg/Kg	0.027	0.015	
			Ethylbenzene	0.54	mg/Kg	0.066	0.014	
			o-Xylene	0.89	mg/Kg	0.066	0.011	
			Toluene	0.083	mg/Kg	0.066	0.014	
			Xylene, Isomers m & p	1.6	mg/Kg	0.066	0.026	
		SW8270 SIM	Acenaphthene	0.29	mg/Kg	0.034	0.0015	VHB
			Acenaphthylene	ND	mg/Kg	0.034	0.0011	
			Anthracene	0.026	mg/Kg	0.034	0.0013	VJ
			Benzo(a)anthracene	ND	mg/Kg	0.034	0.00089	
			Benzo(a)pyrene	ND	mg/Kg	0.034	0.00095	
			Benzo(b)fluoranthene	0.0044	mg/Kg	0.034	0.00095	VJ
			Benzo(g,h,i)perylene	0.00094	mg/Kg	0.034	0.00068	VJ
			Benzo(k)fluoranthene	ND	mg/Kg	0.034	0.0011	
			Chrysene	0.0033	mg/Kg	0.034	0.0011	VJ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.034	0.0013	
			Fluoranthene	0.0042	mg/Kg	0.034	0.0012	VJ
			Fluorene	0.8	mg/Kg	0.034	0.0012	VHB
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.034	0.0011	
			Naphthalene	5.9	mg/Kg	0.034	0.0015	VHB
			Phenanthrene	0.59	mg/Kg	0.034	0.0011	VHB

Summary of Soil Results Site 88
2002 Sampling Event

Sample ID	Site location	Method	Analyte	Result	Units	MRL	MDL	Qualifier
			Pyrene	0.01	mg/Kg	0.034	0.00075	VJ
02NE88SB008	NE27	AK101	Gasoline Range Organics (C6-C10)	54	mg/Kg	3.5	2.2	VHB
		AK102	Diesel Range Organics (C10-C25)	2600	mg/Kg	11	5	
		AK103	Residual Range Organics	16	mg/Kg	110	4.7	VJ
		D4129	Total Organic Carbon (TOC)	0.18	percent	0.05	0.02	
		E160.3M	Total Solids	91.6	percent	0	0	
		SW6020	Chromium	3.73	mg/Kg	0.22	0.01	
			Lead	87	mg/Kg	0.05	0.03	
			Zinc	56.2	mg/Kg	0.55	0.07	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.11	0.044	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.22	0.0077	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.11	0.018	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.11	0.0067	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.11	0.0046	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.11	0.009	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.11	0.0051	
		SW8260B	Benzene	ND	mg/Kg	0.018	0.012	
			Ethylbenzene	0.57	mg/Kg	0.044	0.011	
			o-Xylene	0.01	mg/Kg	0.044	0.0086	VJ
			Toluene	ND	mg/Kg	0.044	0.011	
			Xylene, Isomers m & p	0.29	mg/Kg	0.044	0.021	
		SW8270 SIM	Acenaphthene	0.11	mg/Kg	0.0055	0.00023	
			Acenaphthylene	ND	mg/Kg	0.0055	0.00018	
			Anthracene	0.015	mg/Kg	0.0055	0.00021	
			Benzo(a)anthracene	0.00065	mg/Kg	0.0055	0.00015	VJ
			Benzo(a)pyrene	ND	mg/Kg	0.0055	0.00016	
			Benzo(b)fluoranthene	ND	mg/Kg	0.0055	0.00016	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0055	0.00011	
			Benzo(k)fluoranthene	ND	mg/Kg	0.0055	0.00017	
			Chrysene	0.0014	mg/Kg	0.0055	0.00017	VJ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0055	0.0002	
			Fluoranthene	0.0017	mg/Kg	0.0055	0.00019	VJ
			Fluorene	0.26	mg/Kg	0.0055	0.00019	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0055	0.00017	
			Naphthalene	2.3	mg/Kg	0.11	0.0046	
			Phenanthrene	0.28	mg/Kg	0.0055	0.00017	
			Pyrene	0.0047	mg/Kg	0.0055	0.00013	VJ
02NE88SB009	NE13	AK101	Gasoline Range Organics (C6-C10)	ND	mg/Kg	2.8	2.2	
		AK102	Diesel Range Organics (C10-C25)	380	mg/Kg	54	25	
		AK103	Residual Range Organics	3400	mg/Kg	540	23	
		D4129	Total Organic Carbon (TOC)	0.95	percent	0.05	0.02	
		E160.3M	Total Solids	92.9	percent	0	0	
		SW6020	Chromium	42.3	mg/Kg	0.22	0.01	
			Lead	42.4	mg/Kg	0.05	0.03	
			Zinc	92.6	mg/Kg	0.54	0.06	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.11	0.044	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.22	0.0076	
02NE88SB009	NE13	SW8082	PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.11	0.018	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.11	0.0066	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.11	0.0046	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.11	0.0089	
			PCB-1260 (Aroclor 1260)	0.59	mg/Kg	0.11	0.005	
		SW8260B	Benzene	ND	mg/Kg	0.012	0.012	
			Ethylbenzene	ND	mg/Kg	0.025	0.011	
			o-Xylene	ND	mg/Kg	0.025	0.0085	
			Toluene	ND	mg/Kg	0.025	0.011	
			Xylene, Isomers m & p	ND	mg/Kg	0.025	0.021	
		SW8270 SIM	Acenaphthene	0.0043	mg/Kg	0.0054	0.00023	VJ
			Acenaphthylene	0.00055	mg/Kg	0.0054	0.00018	VJ
			Anthracene	0.0054	mg/Kg	0.0054	0.00021	
			Benzo(a)anthracene	0.03	mg/Kg	0.0054	0.00014	
			Benzo(a)pyrene	0.028	mg/Kg	0.0054	0.00016	
			Benzo(b)fluoranthene	0.039	mg/Kg	0.0054	0.00016	
			Benzo(g,h,i)perylene	0.018	mg/Kg	0.0054	0.00011	
			Benzo(k)fluoranthene	0.023	mg/Kg	0.0054	0.00017	
			Chrysene	0.087	mg/Kg	0.0054	0.00017	
			Dibenzo(a,h)anthracene	0.0043	mg/Kg	0.0054	0.0002	VJ
			Fluoranthene	0.073	mg/Kg	0.0054	0.00019	
			Fluorene	0.0045	mg/Kg	0.0054	0.00019	VJ
			Indeno(1,2,3-cd)pyrene	0.016	mg/Kg	0.0054	0.00017	
			Naphthalene	0.0041	mg/Kg	0.0054	0.00023	VJ
			Phenanthrene	0.056	mg/Kg	0.0054	0.00017	

Summary of Soil Results Site 88
2002 Sampling Event

Sample ID	Site location	Method	Analyte	Result	Units	MRL	MDL	Qualifier
			Pyrene	0.08	mg/Kg	0.0054	0.00012	
02NE88SB010	NE13	AK101	Gasoline Range Organics (C6-C10)	ND	mg/Kg	4	2.3	
		AK102	Diesel Range Organics (C10-C25)	21	mg/Kg	11	5.1	
		AK103	Residual Range Organics	25	mg/Kg	110	4.7	VJ
		D4129	Total Organic Carbon (TOC)	0.61	percent	0.05	0.02	
		E160.3M	Total Solids	90	percent	0	0	
		SW6020	Chromium	4.5	mg/Kg	0.22	0.01	
			Lead	13.1	mg/Kg	0.06	0.03	
			Zinc	20.1	mg/Kg	0.56	0.07	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.11	0.045	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.22	0.0078	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.11	0.018	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.11	0.0068	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.11	0.0047	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.11	0.0092	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.11	0.0052	
		SW8260B	Benzene	ND	mg/Kg	0.014	0.012	
			Ethylbenzene	ND	mg/Kg	0.034	0.011	
			o-Xylene	ND	mg/Kg	0.034	0.0088	
			Toluene	ND	mg/Kg	0.034	0.011	
			Xylene, Isomers m & p	ND	mg/Kg	0.034	0.021	
		SW8270 SIM	Acenaphthene	0.0006	mg/Kg	0.0056	0.00024	VJ
			Acenaphthylene	ND	mg/Kg	0.0056	0.00018	
			Anthracene	ND	mg/Kg	0.0056	0.00022	
			Benzo(a)anthracene	ND	mg/Kg	0.0056	0.00015	
			Benzo(a)pyrene	ND	mg/Kg	0.0056	0.00016	
			Benzo(b)fluoranthene	ND	mg/Kg	0.0056	0.00016	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0056	0.00012	
			Benzo(k)fluoranthene	ND	mg/Kg	0.0056	0.00017	
			Chrysene	ND	mg/Kg	0.0056	0.00017	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0056	0.0002	
			Fluoranthene	ND	mg/Kg	0.0056	0.00019	
			Fluorene	0.0021	mg/Kg	0.0056	0.00019	VJ
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0056	0.00017	
			Naphthalene	0.0037	mg/Kg	0.0056	0.00024	VJ
			Phenanthrene	0.00081	mg/Kg	0.0056	0.00017	VJ
			Pyrene	ND	mg/Kg	0.0056	0.00013	
02NE88SB011	NE13	AK101	Gasoline Range Organics (C6-C10)	130	mg/Kg	3.3	2.2	VHB
		AK102	Diesel Range Organics (C10-C25)	3100	mg/Kg	11	5	
		AK103	Residual Range Organics	23	mg/Kg	110	4.7	VJ
		D4129	Total Organic Carbon (TOC)	0.16	percent	0.05	0.02	
		E160.3M	Total Solids	91.1	percent	0	0	
02NE88SB011	NE13	SW6020	Chromium	12.8	mg/Kg	0.22	0.01	
			Lead	13.9	mg/Kg	0.05	0.03	
			Zinc	34.1	mg/Kg	0.55	0.07	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.11	0.044	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.22	0.0077	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.11	0.018	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.11	0.0067	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.11	0.0047	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.11	0.0091	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.11	0.0051	
		SW8260B	Benzene	ND	mg/Kg	0.012	0.012	
			Ethylbenzene	0.36	mg/Kg	0.026	0.011	
			o-Xylene	0.044	mg/Kg	0.026	0.0087	
			Toluene	ND	mg/Kg	0.026	0.011	
			Xylene, Isomers m & p	0.44	mg/Kg	0.026	0.021	
		SW8270 SIM	Acenaphthene	0.1	mg/Kg	0.0055	0.00024	
			Acenaphthylene	ND	mg/Kg	0.0055	0.00018	
			Anthracene	0.0035	mg/Kg	0.0055	0.00021	VJ
			Benzo(a)anthracene	0.00023	mg/Kg	0.0055	0.00015	VJ
			Benzo(a)pyrene	ND	mg/Kg	0.0055	0.00016	
			Benzo(b)fluoranthene	0.0005	mg/Kg	0.0055	0.00016	VJ
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0055	0.00011	
			Benzo(k)fluoranthene	ND	mg/Kg	0.0055	0.00017	
			Chrysene	0.00064	mg/Kg	0.0055	0.00017	VJ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0055	0.0002	
			Fluoranthene	0.0008	mg/Kg	0.0055	0.00019	VJ
			Fluorene	0.23	mg/Kg	0.0055	0.00019	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0055	0.00017	
			Naphthalene	4.1	mg/Kg	0.28	0.012	
			Phenanthrene	0.11	mg/Kg	0.0055	0.00017	

Summary of Soil Results Site 88
2002 Sampling Event

Sample ID	Site location	Method	Analyte	Result	Units	MRL	MDL	Qualifier
			Pyrene	0.0022	mg/Kg	0.0055	0.00013	VJ
02NE88SB012	NE13	AK101	Gasoline Range Organics (C6-C10)	83	mg/Kg	3	2.2	VHB
		AK102	Diesel Range Organics (C10-C25)	1200	mg/Kg	11	4.9	
		AK103	Residual Range Organics	30	mg/Kg	110	4.6	VJ
		D4129	Total Organic Carbon (TOC)	0.11	percent	0.05	0.02	
		E160.3M	Total Solids	92.4	percent	0	0	
		SW6020	Chromium	8.3	mg/Kg	0.22	0.01	
			Lead	14	mg/Kg	0.05	0.03	
			Zinc	33.4	mg/Kg	0.54	0.06	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.11	0.044	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.22	0.0076	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.11	0.018	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.11	0.0067	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.11	0.0046	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.11	0.0089	
			PCB-1260 (Aroclor 1260)	0.0097	mg/Kg	0.11	0.005	VJ
		SW8260B	Benzene	ND	mg/Kg	0.012	0.012	
			Ethylbenzene	0.11	mg/Kg	0.028	0.011	
			o-Xylene	0.013	mg/Kg	0.028	0.0085	VJ
			Toluene	ND	mg/Kg	0.028	0.011	
			Xylene, Isomers m & p	0.15	mg/Kg	0.028	0.021	
		SW8270 SIM	Acenaphthene	0.052	mg/Kg	0.0055	0.00023	
			Acenaphthylene	ND	mg/Kg	0.0055	0.00018	
			Anthracene	0.0025	mg/Kg	0.0055	0.00021	VJ
			Benzo(a)anthracene	ND	mg/Kg	0.0055	0.00015	
			Benzo(a)pyrene	ND	mg/Kg	0.0055	0.00016	
			Benzo(b)fluoranthene	0.00089	mg/Kg	0.0055	0.00016	VJ
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0055	0.00011	
			Benzo(k)fluoranthene	ND	mg/Kg	0.0055	0.00017	
			Chrysene	ND	mg/Kg	0.0055	0.00017	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0055	0.0002	
			Fluoranthene	0.00044	mg/Kg	0.0055	0.00019	VJ
			Fluorene	0.17	mg/Kg	0.0055	0.00019	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0055	0.00017	
			Naphthalene	1.1	mg/Kg	0.055	0.0023	
			Phenanthrene	0.063	mg/Kg	0.0055	0.00017	
			Pyrene	0.0015	mg/Kg	0.0055	0.00012	VJ
02NE88SB013	NE13	AK101	Gasoline Range Organics (C6-C10)	140	mg/Kg	2.9	2.2	VHB
		AK102	Diesel Range Organics (C10-C25)	12000	mg/Kg	110	48	
		AK103	Residual Range Organics	55	mg/Kg	110	4.5	VJ
		D4129	Total Organic Carbon (TOC)	0.16	percent	0.05	0.02	
		E160.3M	Total Solids	94.7	percent	0	0	
		SW6020	Chromium	17	mg/Kg	0.21	0.01	
			Lead	17.6	mg/Kg	0.05	0.03	
			Zinc	42.4	mg/Kg	0.53	0.06	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.11	0.043	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.21	0.0074	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.11	0.017	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.11	0.0065	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.11	0.0045	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.11	0.0087	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.11	0.0049	
		SW8260B	Benzene	ND	mg/Kg	0.012	0.012	
			Ethylbenzene	1	mg/Kg	0.027	0.011	
			o-Xylene	0.13	mg/Kg	0.027	0.0083	
			Toluene	ND	mg/Kg	0.027	0.011	
			Xylene, Isomers m & p	1.5	mg/Kg	0.027	0.02	
		SW8270 SIM	Acenaphthene	0.18	mg/Kg	0.0053	0.00023	
			Acenaphthylene	ND	mg/Kg	0.0053	0.00017	
			Anthracene	0.0097	mg/Kg	0.0053	0.00021	
			Benzo(a)anthracene	0.00077	mg/Kg	0.0053	0.00014	VJ
			Benzo(a)pyrene	ND	mg/Kg	0.0053	0.00015	
			Benzo(b)fluoranthene	0.00045	mg/Kg	0.0053	0.00015	VJ
			Benzo(g,h,i)perylene	0.0002	mg/Kg	0.0053	0.00011	VJ
			Benzo(k)fluoranthene	0.00018	mg/Kg	0.0053	0.00016	VJ
			Chrysene	0.0015	mg/Kg	0.0053	0.00016	VJ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0053	0.0002	
			Fluoranthene	0.0019	mg/Kg	0.0053	0.00018	VJ
			Fluorene	0.52	mg/Kg	0.0053	0.00018	
			Indeno(1,2,3-cd)pyrene	0.00017	mg/Kg	0.0053	0.00016	VJ
			Naphthalene	7.9	mg/Kg	0.27	0.012	
			Phenanthrene	0.26	mg/Kg	0.0053	0.00016	

Summary of Soil Results Site 88
2002 Sampling Event

Sample ID	Site location	Method	Analyte	Result	Units	MRL	MDL	Qualifier
			Pyrene	0.0048	mg/Kg	0.0053	0.00012	VJ
02NE88SB014	NE13	AK101	Gasoline Range Organics (C6-C10)	130	mg/Kg	2.4	2.1	VHB
		AK102	Diesel Range Organics (C10-C25)	9200	mg/Kg	110	48	
		AK103	Residual Range Organics	54	mg/Kg	110	4.4	VJ
		D4129	Total Organic Carbon (TOC)	0.14	percent	0.05	0.02	
		E160.3M	Total Solids	96	percent	0	0	
		SW6020	Chromium	11.6	mg/Kg	0.21	0.01	
			Lead	19.3	mg/Kg	0.05	0.03	
			Zinc	37.9	mg/Kg	0.52	0.06	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.11	0.042	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.21	0.0073	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.11	0.017	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.11	0.0064	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.11	0.0044	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.11	0.0086	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.11	0.0048	
		SW8260B	Benzene	ND	mg/Kg	0.011	0.011	
			Ethylbenzene	1.2	mg/Kg	0.026	0.011	
			o-Xylene	0.38	mg/Kg	0.026	0.0082	
			Toluene	ND	mg/Kg	0.026	0.011	
			Xylene, Isomers m & p	2.2	mg/Kg	0.026	0.02	
		SW8270 SIM	Acenaphthene	0.18	mg/Kg	0.0053	0.00022	
			Acenaphthylene	ND	mg/Kg	0.0053	0.00017	
			Anthracene	0.0094	mg/Kg	0.0053	0.0002	
			Benzo(a)anthracene	0.00076	mg/Kg	0.0053	0.00014	VJ
			Benzo(a)pyrene	ND	mg/Kg	0.0053	0.00015	
			Benzo(b)fluoranthene	0.00094	mg/Kg	0.0053	0.00015	VJ
			Benzo(g,h,i)perylene	0.00015	mg/Kg	0.0053	0.00011	VJ
			Benzo(k)fluoranthene	ND	mg/Kg	0.0053	0.00016	
			Chrysene	0.0015	mg/Kg	0.0053	0.00016	VJ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0053	0.00019	
			Fluoranthene	0.0019	mg/Kg	0.0053	0.00018	VJ
02NE88SB014	NE13	SW8270 SIM	Fluorene	0.51	mg/Kg	0.0053	0.00018	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0053	0.00016	
			Naphthalene	8.4	mg/Kg	0.27	0.011	
			Phenanthrene	0.25	mg/Kg	0.0053	0.00016	
			Pyrene	0.0043	mg/Kg	0.0053	0.00012	VJ
02NE88SB015	NE13	AK101	Gasoline Range Organics (C6-C10)	68	mg/Kg	4.5	2.2	VHB
		AK102	Diesel Range Organics (C10-C25)	5200	mg/Kg	110	50	
		AK103	Residual Range Organics	11	mg/Kg	110	4.7	VJ
		E160.3M	Total Solids	91.6	percent	0	0	
		SW6020	Chromium	9.63	mg/Kg	1.09	0.05	
			Lead	13.4	mg/Kg	0.27	0.16	
			Zinc	40.7	mg/Kg	2.73	0.33	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.11	0.044	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.22	0.0077	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.11	0.018	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.11	0.0067	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.11	0.0046	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.11	0.009	
			PCB-1260 (Aroclor 1260)	0.0065	mg/Kg	0.11	0.0051	VJ
		SW8260B	Benzene	ND	mg/Kg	0.018	0.012	
			Ethylbenzene	0.13	mg/Kg	0.044	0.011	
			o-Xylene	ND	mg/Kg	0.044	0.0086	
			Toluene	ND	mg/Kg	0.044	0.011	
			Xylene, Isomers m & p	0.17	mg/Kg	0.044	0.021	
		SW8270 SIM	Acenaphthene	0.21	mg/Kg	0.0055	0.00023	
			Acenaphthylene	ND	mg/Kg	0.0055	0.00018	
			Anthracene	0.0086	mg/Kg	0.0055	0.00021	
			Benzo(a)anthracene	0.00038	mg/Kg	0.0055	0.00015	VJ
			Benzo(a)pyrene	ND	mg/Kg	0.0055	0.00016	
			Benzo(b)fluoranthene	0.00034	mg/Kg	0.0055	0.00016	VJ
			Benzo(g,h,i)perylene	0.00025	mg/Kg	0.0055	0.00011	VJ
			Benzo(k)fluoranthene	0.00017	mg/Kg	0.0055	0.00017	VJ
			Chrysene	0.00087	mg/Kg	0.0055	0.00017	VJ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0055	0.0002	
			Fluoranthene	0.0012	mg/Kg	0.0055	0.00019	VJ
			Fluorene	0.69	mg/Kg	0.0055	0.00019	
			Indeno(1,2,3-cd)pyrene	0.0002	mg/Kg	0.0055	0.00017	VJ
			Naphthalene	3.3	mg/Kg	0.28	0.012	
			Phenanthrene	0.24	mg/Kg	0.0055	0.00017	
			Pyrene	0.0023	mg/Kg	0.0055	0.00013	VJ

Summary of Soil Results Site 88
2002 Sampling Event

Sample ID	Site location	Method	Analyte	Result	Units	MRL	MDL	Qualifier
		SW9060	Total Organic Carbon (TOC)	0.15	percent	0.05	0.02	
02NE88SB016	NE13	AK101	Gasoline Range Organics (C6-C10)	73	mg/Kg	4.7	2.2	VHB
		AK102	Diesel Range Organics (C10-C25)	2300	mg/Kg	11	4.9	
		AK103	Residual Range Organics	7.4	mg/Kg	110	4.6	VJ
		E160.3M	Total Solids	92.5	percent	0	0	
		SW6020	Chromium	8.34	mg/Kg	1.08	0.05	
			Lead	19.2	mg/Kg	0.27	0.16	
			Zinc	39.4	mg/Kg	2.7	0.32	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.11	0.044	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.22	0.0076	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.11	0.018	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.11	0.0066	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.11	0.0046	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.11	0.0089	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.11	0.005	
		SW8260B	Benzene	ND	mg/Kg	0.018	0.012	
			Ethylbenzene	0.21	mg/Kg	0.045	0.011	
			o-Xylene	ND	mg/Kg	0.045	0.0085	
			Toluene	ND	mg/Kg	0.045	0.011	
			Xylene, Isomers m & p	0.18	mg/Kg	0.045	0.021	
		SW8270 SIM	Acenaphthene	0.11	mg/Kg	0.0055	0.00023	
			Acenaphthylene	ND	mg/Kg	0.0055	0.00018	
			Anthracene	0.0035	mg/Kg	0.0055	0.00021	VJ
			Benzo(a)anthracene	ND	mg/Kg	0.0055	0.00015	
			Benzo(a)pyrene	ND	mg/Kg	0.0055	0.00016	
			Benzo(b)fluoranthene	0.00032	mg/Kg	0.0055	0.00016	VJ
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0055	0.00011	
02NE88SB016	NE13	SW8270 SIM	Benzo(k)fluoranthene	ND	mg/Kg	0.0055	0.00017	
			Chrysene	0.00042	mg/Kg	0.0055	0.00017	VJ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0055	0.0002	
			Fluoranthene	0.00048	mg/Kg	0.0055	0.00019	VJ
			Fluorene	0.35	mg/Kg	0.0055	0.00019	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0055	0.00017	
			Naphthalene	2.3	mg/Kg	0.28	0.012	
			Phenanthrene	0.12	mg/Kg	0.0055	0.00017	
			Pyrene	0.00095	mg/Kg	0.0055	0.00012	VJ
		SW9060	Total Organic Carbon (TOC)	0.16	percent	0.05	0.02	
02NE88SB017	NE19	AK101	Gasoline Range Organics (C6-C10)	ND	mg/Kg	3.5	2.1	
		AK102	Diesel Range Organics (C10-C25)	7	mg/Kg	11	4.7	VJ
		AK103	Residual Range Organics	8.7	mg/Kg	110	4.4	VJ
		E160.3M	Total Solids	97.2	percent	0	0	
		SW6020	Chromium	7.04	mg/Kg	1.03	0.05	
			Lead	14.4	mg/Kg	0.26	0.15	
			Zinc	38.2	mg/Kg	2.57	0.31	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.11	0.042	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.21	0.0073	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.11	0.017	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.11	0.0063	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.11	0.0044	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.11	0.0085	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.11	0.0048	
		SW8260B	Benzene	ND	mg/Kg	0.015	0.011	
			Ethylbenzene	ND	mg/Kg	0.036	0.011	
			o-Xylene	ND	mg/Kg	0.036	0.0081	
			Toluene	ND	mg/Kg	0.036	0.011	
			Xylene, Isomers m & p	ND	mg/Kg	0.036	0.02	
		SW8270 SIM	Acenaphthene	ND	mg/Kg	0.0052	0.00022	
			Acenaphthylene	ND	mg/Kg	0.0052	0.00017	
			Anthracene	ND	mg/Kg	0.0052	0.0002	
			Benzo(a)anthracene	ND	mg/Kg	0.0052	0.00014	
			Benzo(a)pyrene	ND	mg/Kg	0.0052	0.00015	
			Benzo(b)fluoranthene	0.00023	mg/Kg	0.0052	0.00015	VJ
			Benzo(g,h,i)perylene	0.00014	mg/Kg	0.0052	0.00011	VJ
			Benzo(k)fluoranthene	ND	mg/Kg	0.0052	0.00016	
			Chrysene	0.00018	mg/Kg	0.0052	0.00016	VJ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0052	0.00019	
			Fluoranthene	ND	mg/Kg	0.0052	0.00018	
			Fluorene	ND	mg/Kg	0.0052	0.00018	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0052	0.00016	
			Naphthalene	0.00045	mg/Kg	0.0052	0.00022	VJ
			Phenanthrene	0.0004	mg/Kg	0.0052	0.00016	VJ
			Pyrene	ND	mg/Kg	0.0052	0.00012	

Summary of Soil Results Site 88
2002 Sampling Event

Sample ID	Site location	Method	Analyte	Result	Units	MRL	MDL	Qualifier
		SW9060	Total Organic Carbon (TOC)	0.09	percent	0.05	0.02	
02NE88SB018	NE19	AK101	Gasoline Range Organics (C6-C10)	ND	mg/Kg	4.8	2.2	
		AK102	Diesel Range Organics (C10-C25)	7.6	mg/Kg	11	5	VJ
		AK103	Residual Range Organics	12	mg/Kg	110	4.6	VJ
		E160.3M	Total Solids	91.7	percent	0	0	
		SW6020	Chromium	12.5	mg/Kg	1.09	0.05	
			Lead	17.8	mg/Kg	0.27	0.16	
			Zinc	48.4	mg/Kg	2.73	0.33	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.11	0.044	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.22	0.0077	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.11	0.018	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.11	0.0067	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.11	0.0046	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.11	0.009	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.11	0.0051	
		SW8260B	Benzene	ND	mg/Kg	0.016	0.012	
			Ethylbenzene	ND	mg/Kg	0.038	0.011	
			o-Xylene	ND	mg/Kg	0.038	0.0086	
			Toluene	ND	mg/Kg	0.038	0.011	
			Xylene, Isomers m & p	ND	mg/Kg	0.038	0.021	
		SW8270 SIM	Acenaphthene	ND	mg/Kg	0.0055	0.00023	
			Acenaphthylene	ND	mg/Kg	0.0055	0.00018	
02NE88SB018	NE19	SW8270 SIM	Anthracene	ND	mg/Kg	0.0055	0.00021	
			Benzo(a)anthracene	ND	mg/Kg	0.0055	0.00015	
			Benzo(a)pyrene	ND	mg/Kg	0.0055	0.00016	
			Benzo(b)fluoranthene	0.00034	mg/Kg	0.0055	0.00016	VJ
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0055	0.00011	
			Benzo(k)fluoranthene	ND	mg/Kg	0.0055	0.00017	
			Chrysene	0.00032	mg/Kg	0.0055	0.00017	VJ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0055	0.0002	
			Fluoranthene	ND	mg/Kg	0.0055	0.00019	
			Fluorene	0.00022	mg/Kg	0.0055	0.00019	VJ
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0055	0.00017	
			Naphthalene	0.0019	mg/Kg	0.0055	0.00023	VJ
			Phenanthrene	0.00068	mg/Kg	0.0055	0.00017	VJ
			Pyrene	0.00014	mg/Kg	0.0055	0.00012	VJ
		SW9060	Total Organic Carbon (TOC)	0.11	percent	0.05	0.02	
02NE88SB019	NE20	AK101	Gasoline Range Organics (C6-C10)	31	mg/Kg	3.5	2.2	
		AK102	Diesel Range Organics (C10-C25)	1400	mg/Kg	11	4.9	
		AK103	Residual Range Organics	ND	mg/Kg	110	4.6	
		E160.3M	Total Solids	93.1	percent	0	0	
		SW6020	Chromium	10	mg/Kg	1.07	0.05	
			Lead	43.7	mg/Kg	0.27	0.16	
			Zinc	92.4	mg/Kg	2.69	0.32	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.11	0.043	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.22	0.0076	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.11	0.018	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.11	0.0066	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.11	0.0046	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.11	0.0089	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.11	0.005	
		SW8260B	Benzene	ND	mg/Kg	0.015	0.012	
			Ethylbenzene	0.018	mg/Kg	0.038	0.011	VJ
			o-Xylene	ND	mg/Kg	0.038	0.0085	
			Toluene	ND	mg/Kg	0.038	0.011	
			Xylene, Isomers m & p	ND	mg/Kg	0.038	0.02	
		SW8270 SIM	Acenaphthene	0.045	mg/Kg	0.0054	0.00023	
			Acenaphthylene	ND	mg/Kg	0.0054	0.00018	
			Anthracene	0.0021	mg/Kg	0.0054	0.00021	VJ
			Benzo(a)anthracene	ND	mg/Kg	0.0054	0.00014	
			Benzo(a)pyrene	ND	mg/Kg	0.0054	0.00016	
			Benzo(b)fluoranthene	0.00018	mg/Kg	0.0054	0.00016	VJ
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0054	0.00011	
			Benzo(k)fluoranthene	ND	mg/Kg	0.0054	0.00017	
			Chrysene	0.00035	mg/Kg	0.0054	0.00017	VJ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0054	0.0002	
			Fluoranthene	0.00019	mg/Kg	0.0054	0.00019	VJ
			Fluorene	0.16	mg/Kg	0.0054	0.00019	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0054	0.00017	
			Naphthalene	0.48	mg/Kg	0.0054	0.00023	
			Phenanthrene	0.05	mg/Kg	0.0054	0.00017	
			Pyrene	0.00062	mg/Kg	0.0054	0.00012	VJ

Summary of Soil Results Site 88
2002 Sampling Event

Sample ID	Site location	Method	Analyte	Result	Units	MRL	MDL	Qualifier
		SW9060	Total Organic Carbon (TOC)	0.1	percent	0.05	0.02	
02NE88SB020	NE20	AK101	Gasoline Range Organics (C6-C10)	19	mg/Kg	4.4	2.2	
		AK102	Diesel Range Organics (C10-C25)	750	mg/Kg	11	4.9	
		AK103	Residual Range Organics	ND	mg/Kg	110	4.6	
		E160.3M	Total Solids	92.8	percent	0	0	
		SW6020	Chromium	4.8	mg/Kg	1.08	0.05	
			Lead	60.5	mg/Kg	0.27	0.16	
			Zinc	87.4	mg/Kg	2.69	0.32	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.11	0.044	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.22	0.0076	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.11	0.018	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.11	0.0066	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.11	0.0046	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.11	0.0089	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.11	0.005	
		SW8260B	Benzene	ND	mg/Kg	0.015	0.012	
			Ethylbenzene	ND	mg/Kg	0.038	0.011	
02NE88SB020	NE20	SW8260B	o-Xylene	ND	mg/Kg	0.038	0.0085	
			Toluene	ND	mg/Kg	0.038	0.011	
			Xylene, Isomers m & p	ND	mg/Kg	0.038	0.021	
		SW8270 SIM	Acenaphthene	0.03	mg/Kg	0.0054	0.00023	
			Acenaphthylene	ND	mg/Kg	0.0054	0.00018	
			Anthracene	0.0019	mg/Kg	0.0054	0.00021	VJ
			Benzo(a)anthracene	ND	mg/Kg	0.0054	0.00015	
			Benzo(a)pyrene	ND	mg/Kg	0.0054	0.00016	
			Benzo(b)fluoranthene	0.0003	mg/Kg	0.0054	0.00016	VJ
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0054	0.00011	
			Benzo(k)fluoranthene	ND	mg/Kg	0.0054	0.00017	
			Chrysene	0.00023	mg/Kg	0.0054	0.00017	VJ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0054	0.0002	
			Fluoranthene	0.00028	mg/Kg	0.0054	0.00019	VJ
			Fluorene	0.12	mg/Kg	0.0054	0.00019	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0054	0.00017	
			Naphthalene	0.11	mg/Kg	0.0054	0.00023	
			Phenanthrene	0.047	mg/Kg	0.0054	0.00017	
			Pyrene	0.0005	mg/Kg	0.0054	0.00012	VJ
		SW9060	Total Organic Carbon (TOC)	0.07	percent	0.05	0.02	
02NE88SB021	NE27	AK101	Gasoline Range Organics (C6-C10)	70	mg/Kg	9	4	
		AK102	Diesel Range Organics (C10-C25)	13000	mg/Kg	390	180	
		AK103	Residual Range Organics	5100	mg/Kg	3900	170	
		D4129	Total Organic Carbon (TOC)	16.3	percent	0.05	0.02	
		E160.3M	Total Solids	50.8	percent	0	0	
		SW6020	Chromium	16.5	mg/Kg	0.39	0.02	
			Lead	13.4	mg/Kg	0.1	0.06	
			Zinc	44.3	mg/Kg	0.98	0.12	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.2	0.079	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.39	0.014	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.2	0.032	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.2	0.013	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.2	0.0083	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.2	0.017	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.2	0.0091	
		SW8260B	Benzene	0.12	mg/Kg	0.031	0.021	
			Ethylbenzene	1.3	mg/Kg	0.078	0.02	
			o-Xylene	2.7	mg/Kg	0.078	0.016	
			Toluene	3.2	mg/Kg	0.078	0.02	
			Xylene, Isomers m & p	5.1	mg/Kg	0.078	0.037	
		SW8270 SIM	Acenaphthene	0.18	mg/Kg	0.05	0.0021	
			Acenaphthylene	ND	mg/Kg	0.05	0.0016	
			Anthracene	0.012	mg/Kg	0.05	0.0019	VJ
			Benzo(a)anthracene	ND	mg/Kg	0.05	0.0013	
			Benzo(a)pyrene	ND	mg/Kg	0.05	0.0014	
			Benzo(b)fluoranthene	0.0052	mg/Kg	0.05	0.0014	VJ
			Benzo(g,h,i)perylene	ND	mg/Kg	0.05	0.00099	
			Benzo(k)fluoranthene	ND	mg/Kg	0.05	0.0015	
			Chrysene	ND	mg/Kg	0.05	0.0015	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.05	0.0018	
			Fluoranthene	0.0029	mg/Kg	0.05	0.0017	VJ
			Fluorene	0.33	mg/Kg	0.05	0.0017	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.05	0.0015	
			Naphthalene	12	mg/Kg	0.5	0.021	
			Phenanthrene	0.21	mg/Kg	0.05	0.0015	

Summary of Soil Results Site 88
2002 Sampling Event

Sample ID	Site location	Method	Analyte	Result	Units	MRL	MDL	Qualifier
			Pyrene	0.0059	mg/Kg	0.05	0.0011	VJ
02NE88SB022	NE27	AK101	Gasoline Range Organics (C6-C10)	99	mg/Kg	8.1	4.4	
		AK102	Diesel Range Organics (C10-C25)	51000	mg/Kg	260	120	
		AK103	Residual Range Organics	6000	mg/Kg	2600	110	
		D4129	Total Organic Carbon (TOC)	14.9	percent	0.05	0.02	
		E160.3M	Total Solids	46.3	percent	0	0	
		SW6020	Chromium	23.7	mg/Kg	0.43	0.02	
			Lead	61.9	mg/Kg	0.11	0.06	
			Zinc	110	mg/Kg	1.08	0.13	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.22	0.087	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.43	0.016	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.22	0.035	
02NE88SB022	NE27	SW8082	PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.22	0.014	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.22	0.0091	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.22	0.018	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.22	0.01	
		SW8260B	Benzene	0.19	mg/Kg	0.039	0.023	
			Ethylbenzene	2.8	mg/Kg	0.097	0.022	
			o-Xylene	6.2	mg/Kg	0.097	0.017	
			Toluene	4.5	mg/Kg	0.097	0.022	
			Xylene, Isomers m & p	12	mg/Kg	0.097	0.041	
		SW8270 SIM	Acenaphthene	2.6	mg/Kg	0.14	0.0057	VHB
			Acenaphthylene	ND	mg/Kg	0.14	0.0044	
			Anthracene	0.3	mg/Kg	0.14	0.0052	VHB
			Benzo(a)anthracene	0.006	mg/Kg	0.14	0.0036	VJ
			Benzo(a)pyrene	ND	mg/Kg	0.14	0.0038	
			Benzo(b)fluoranthene	0.016	mg/Kg	0.14	0.0038	VJ
			Benzo(g,h,i)perylene	ND	mg/Kg	0.14	0.0027	
			Benzo(k)fluoranthene	ND	mg/Kg	0.14	0.0041	
			Chrysene	ND	mg/Kg	0.14	0.0041	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.14	0.0049	
			Fluoranthene	0.048	mg/Kg	0.14	0.0046	VJ
			Fluorene	6.9	mg/Kg	0.14	0.0046	VHB
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.14	0.0041	
			Naphthalene	81	mg/Kg	2.7	0.12	
			Phenanthrene	5.5	mg/Kg	0.14	0.0041	VHB
			Pyrene	0.12	mg/Kg	0.14	0.003	VJ
02NE88SB023	NE27	AK101	Gasoline Range Organics (C6-C10)	ND	mg/Kg	5.2	2.7	
		AK102	Diesel Range Organics (C10-C25)	190	mg/Kg	14	5.9	
		AK103	Residual Range Organics	1500	mg/Kg	140	5.6	
		E160.3M	Total Solids	76.6	percent	0	0	
		SW6020	Chromium	12.4	mg/Kg	1.09	0.05	
			Lead	8.45	mg/Kg	0.27	0.16	
			Zinc	30	mg/Kg	2.72	0.33	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.14	0.053	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.27	0.0092	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.14	0.021	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.14	0.008	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.14	0.0055	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.14	0.011	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.14	0.0061	
		SW8260B	Benzene	ND	mg/Kg	0.022	0.014	
			Ethylbenzene	ND	mg/Kg	0.054	0.013	
			o-Xylene	ND	mg/Kg	0.054	0.011	
			Toluene	ND	mg/Kg	0.054	0.013	
			Xylene, Isomers m & p	ND	mg/Kg	0.054	0.025	
		SW8270 SIM	Acenaphthene	0.00028	mg/Kg	0.0066	0.00028	VJ
			Acenaphthylene	ND	mg/Kg	0.0066	0.00021	
			Anthracene	0.00081	mg/Kg	0.0066	0.00025	VJ
			Benzo(a)anthracene	0.00027	mg/Kg	0.0066	0.00017	VJ
			Benzo(a)pyrene	ND	mg/Kg	0.0066	0.00019	
			Benzo(b)fluoranthene	0.00048	mg/Kg	0.0066	0.00019	VJ
			Benzo(g,h,i)perylene	0.0002	mg/Kg	0.0066	0.00014	VJ
			Benzo(k)fluoranthene	ND	mg/Kg	0.0066	0.0002	
			Chrysene	0.00067	mg/Kg	0.0066	0.0002	VJ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0066	0.00024	
			Fluoranthene	0.00088	mg/Kg	0.0066	0.00023	VJ
			Fluorene	0.00068	mg/Kg	0.0066	0.00023	VJ
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0066	0.0002	
			Naphthalene	0.0045	mg/Kg	0.0066	0.00028	VJ
			Phenanthrene	0.0022	mg/Kg	0.0066	0.0002	VJ
			Pyrene	0.0008	mg/Kg	0.0066	0.00015	VJ

Summary of Soil Results Site 88
2002 Sampling Event

Sample ID	Site location	Method	Analyte	Result	Units	MRL	MDL	Qualifier
		SW9060	Total Organic Carbon (TOC)	8.09	percent	0.05	0.02	
02NE88SB024	NE27	AK101	Gasoline Range Organics (C6-C10)	ND	mg/Kg	3.8	2.2	
		AK102	Diesel Range Organics (C10-C25)	20	mg/Kg	11	4.9	
		AK103	Residual Range Organics	33	mg/Kg	110	4.6	VJ
		E160.3M	Total Solids	92.3	percent	0	0	
		SW6020	Chromium	9.62	mg/Kg	1.08	0.05	
			Lead	17.3	mg/Kg	0.27	0.16	
02NE88SB024	NE27	SW6020	Zinc	44.5	mg/Kg	2.71	0.33	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.11	0.044	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.22	0.0076	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.11	0.018	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.11	0.0067	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.11	0.0046	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.11	0.0089	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.11	0.005	
		SW8260B	Benzene	ND	mg/Kg	0.017	0.012	
			Ethylbenzene	ND	mg/Kg	0.043	0.011	
			o-Xylene	ND	mg/Kg	0.043	0.0086	
			Toluene	ND	mg/Kg	0.043	0.011	
			Xylene, Isomers m & p	ND	mg/Kg	0.043	0.021	
		SW8270 SIM	Acenaphthene	ND	mg/Kg	0.0055	0.00023	
			Acenaphthylene	ND	mg/Kg	0.0055	0.00018	
			Anthracene	ND	mg/Kg	0.0055	0.00021	
			Benzo(a)anthracene	ND	mg/Kg	0.0055	0.00015	
			Benzo(a)pyrene	ND	mg/Kg	0.0055	0.00016	
			Benzo(b)fluoranthene	0.00027	mg/Kg	0.0055	0.00016	VJ
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0055	0.00011	
			Benzo(k)fluoranthene	ND	mg/Kg	0.0055	0.00017	
			Chrysene	ND	mg/Kg	0.0055	0.00017	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0055	0.0002	
			Fluoranthene	0.00019	mg/Kg	0.0055	0.00019	VJ
			Fluorene	0.00051	mg/Kg	0.0055	0.00019	VJ
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0055	0.00017	
			Naphthalene	0.0011	mg/Kg	0.0055	0.00023	VJ
			Phenanthrene	0.00084	mg/Kg	0.0055	0.00017	VJ
			Pyrene	0.00017	mg/Kg	0.0055	0.00012	VJ
		SW9060	Total Organic Carbon (TOC)	0.15	percent	0.05	0.02	
02NE88SB025	NE27	AK101	Gasoline Range Organics (C6-C10)	11	mg/Kg	19	7.4	VJ
		AK102	Diesel Range Organics (C10-C25)	430	mg/Kg	40	18	
		AK103	Residual Range Organics	4600	mg/Kg	400	17	
		E160.3M	Total Solids	48.5	percent	0	0	
		SW6020	Chromium	16.5	mg/Kg	0.83	0.04	
			Lead	9.91	mg/Kg	0.21	0.12	
			Zinc	42	mg/Kg	2.06	0.25	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.21	0.083	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.42	0.015	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.21	0.033	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.21	0.013	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.21	0.0087	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.21	0.017	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.21	0.0095	
		SW8260B	Benzene	0.37	mg/Kg	0.069	0.036	
			Ethylbenzene	0.034	mg/Kg	0.18	0.034	VJ
			o-Xylene	0.071	mg/Kg	0.18	0.027	VJ
			Toluene	ND	mg/Kg	0.18	0.034	
			Xylene, Isomers m & p	0.19	mg/Kg	0.18	0.064	
		SW8270 SIM	Acenaphthene	0.0026	mg/Kg	0.021	0.00087	VJ
			Acenaphthylene	0.0011	mg/Kg	0.021	0.00066	VJ
			Anthracene	ND	mg/Kg	0.021	0.00079	
			Benzo(a)anthracene	ND	mg/Kg	0.021	0.00054	
			Benzo(a)pyrene	ND	mg/Kg	0.021	0.00058	
			Benzo(b)fluoranthene	0.021	mg/Kg	0.021	0.00058	VJ
			Benzo(g,h,i)perylene	0.0088	mg/Kg	0.021	0.00042	VJ
			Benzo(k)fluoranthene	ND	mg/Kg	0.021	0.00062	
			Chrysene	ND	mg/Kg	0.021	0.00062	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.021	0.00075	
			Fluoranthene	0.0025	mg/Kg	0.021	0.00071	VJ
			Fluorene	0.006	mg/Kg	0.021	0.00071	VJ
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.021	0.00062	
			Naphthalene	0.042	mg/Kg	0.021	0.00087	
			Phenanthrene	0.0083	mg/Kg	0.021	0.00062	VJ
			Pyrene	0.0026	mg/Kg	0.021	0.00046	VJ

Summary of Soil Results Site 88
2002 Sampling Event

Sample ID	Site location	Method	Analyte	Result	Units	MRL	MDL	Qualifier
		SW9060	Total Organic Carbon (TOC)	16.5	percent	0.05	0.02	
02NE88SB026	NE27	AK101	Gasoline Range Organics (C6-C10)	ND	mg/Kg	6.1	3.1	
02NE88SB026	NE27	AK102	Diesel Range Organics (C10-C25)	77	mg/Kg	28	13	
		AK103	Residual Range Organics	420	mg/Kg	280	12	
		E160.3M	Total Solids	66.3	percent	0	0	
		SW6020	Chromium	14.3	mg/Kg	0.75	0.04	
			Lead	21.4	mg/Kg	0.19	0.11	
			Zinc	77.5	mg/Kg	1.89	0.23	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.15	0.061	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.3	0.011	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.15	0.025	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.15	0.0093	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.15	0.0064	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.15	0.013	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.15	0.007	
		SW8260B	Benzene	ND	mg/Kg	0.022	0.016	
			Ethylbenzene	ND	mg/Kg	0.054	0.015	
			o-Xylene	ND	mg/Kg	0.054	0.012	
			Toluene	ND	mg/Kg	0.054	0.015	
			Xylene, Isomers m & p	ND	mg/Kg	0.054	0.029	
		SW8270 SIM	Acenaphthene	0.00037	mg/Kg	0.0076	0.00032	VJ
			Acenaphthylene	ND	mg/Kg	0.0076	0.00025	
			Anthracene	ND	mg/Kg	0.0076	0.00029	
			Benzo(a)anthracene	ND	mg/Kg	0.0076	0.0002	
			Benzo(a)pyrene	ND	mg/Kg	0.0076	0.00022	
			Benzo(b)fluoranthene	0.00057	mg/Kg	0.0076	0.00022	VJ
			Benzo(g,h,i)perylene	0.00021	mg/Kg	0.0076	0.00016	VJ
			Benzo(k)fluoranthene	ND	mg/Kg	0.0076	0.00023	
			Chrysene	0.0029	mg/Kg	0.0076	0.00023	VJ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0076	0.00028	
			Fluoranthene	0.0004	mg/Kg	0.0076	0.00026	VJ
			Fluorene	0.00061	mg/Kg	0.0076	0.00026	VJ
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0076	0.00023	
			Naphthalene	0.0018	mg/Kg	0.0076	0.00032	VJ
			Phenanthrene	0.0027	mg/Kg	0.0076	0.00023	VJ
			Pyrene	0.0004	mg/Kg	0.0076	0.00017	VJ
		SW9060	Total Organic Carbon (TOC)	1.62	percent	0.05	0.02	
02NE88SB027	NE27	AK101	Gasoline Range Organics (C6-C10)	220	mg/Kg	5.4	2.5	VHB
		AK102	Diesel Range Organics (C10-C25)	47000	mg/Kg	250	110	
		AK103	Residual Range Organics	3000	mg/Kg	130	5.2	
		E160.3M	Total Solids	82.3	percent	0	0	
		SW6020	Chromium	22.7	mg/Kg	1.22	0.06	
			Lead	21.8	mg/Kg	0.3	0.18	
			Zinc	82.1	mg/Kg	3.04	0.37	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.13	0.049	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.25	0.0086	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.13	0.02	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.13	0.0075	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.13	0.0052	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.13	0.01	
			PCB-1260 (Aroclor 1260)	0.035	mg/Kg	0.13	0.0056	VJ
		SW8260B	Benzene	0.019	mg/Kg	0.017	0.013	
			Ethylbenzene	0.066	mg/Kg	0.041	0.012	
			o-Xylene	1.7	mg/Kg	0.041	0.0096	
			Toluene	0.036	mg/Kg	0.041	0.012	VJ
			Xylene, Isomers m & p	0.71	mg/Kg	0.041	0.023	
		SW8270 SIM	Acenaphthene	1.3	mg/Kg	0.031	0.0013	
			Acenaphthylene	ND	mg/Kg	0.031	0.00098	
			Anthracene	0.12	mg/Kg	0.031	0.0012	
			Benzo(a)anthracene	0.012	mg/Kg	0.031	0.00079	VJ
			Benzo(a)pyrene	0.0032	mg/Kg	0.031	0.00086	VJ
			Benzo(b)fluoranthene	0.007	mg/Kg	0.031	0.00086	VJ
			Benzo(g,h,i)perylene	0.0016	mg/Kg	0.031	0.00061	VJ
			Benzo(k)fluoranthene	0.0033	mg/Kg	0.031	0.00092	VJ
			Chrysene	0.024	mg/Kg	0.031	0.00092	VJ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.031	0.0011	
			Fluoranthene	0.033	mg/Kg	0.031	0.0011	
			Fluorene	3.9	mg/Kg	0.031	0.0011	
			Indeno(1,2,3-cd)pyrene	0.0018	mg/Kg	0.031	0.00092	VJ
02NE88SB027	NE27	SW8270 SIM	Naphthalene	79	mg/Kg	3.1	0.13	
			Phenanthrene	2.7	mg/Kg	0.031	0.00092	
			Pyrene	0.06	mg/Kg	0.031	0.00067	

Summary of Soil Results Site 88
2002 Sampling Event

Sample ID	Site location	Method	Analyte	Result	Units	MRL	MDL	Qualifier
		SW9060	Total Organic Carbon (TOC)	4.67	percent	0.05	0.02	
02NE88SB028	NE27	AK101	Gasoline Range Organics (C6-C10)	62	mg/Kg	4.5	2.8	
		AK102	Diesel Range Organics (C10-C25)	210	mg/Kg	25	12	
		AK103	Residual Range Organics	900	mg/Kg	250	11	
		E160.3M	Total Solids	72.4	percent	0	0	
		SW6020	Chromium	22.8	mg/Kg	1.15	0.06	
			Lead	11.6	mg/Kg	0.29	0.17	
			Zinc	59.9	mg/Kg	2.88	0.35	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.14	0.056	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.28	0.0097	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.14	0.023	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.14	0.0085	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.14	0.0059	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.14	0.012	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.14	0.0064	
		SW8260B	Benzene	0.024	mg/Kg	0.018	0.015	
			Ethylbenzene	0.19	mg/Kg	0.045	0.014	
			o-Xylene	1.7	mg/Kg	0.045	0.011	
			Toluene	1.4	mg/Kg	0.045	0.014	
			Xylene, Isomers m & p	1.3	mg/Kg	0.045	0.026	
		SW8270 SIM	Acenaphthene	0.012	mg/Kg	0.0069	0.0003	
			Acenaphthylene	ND	mg/Kg	0.0069	0.00023	
			Anthracene	0.00076	mg/Kg	0.0069	0.00027	VJ
			Benzo(a)anthracene	0.00032	mg/Kg	0.0069	0.00018	VJ
			Benzo(a)pyrene	ND	mg/Kg	0.0069	0.0002	
			Benzo(b)fluoranthene	0.0012	mg/Kg	0.0069	0.0002	VJ
			Benzo(g,h,i)perylene	0.00048	mg/Kg	0.0069	0.00014	VJ
			Benzo(k)fluoranthene	ND	mg/Kg	0.0069	0.00021	
			Chrysene	0.0029	mg/Kg	0.0069	0.00021	VJ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0069	0.00025	
			Fluoranthene	0.00069	mg/Kg	0.0069	0.00024	VJ
			Fluorene	0.04	mg/Kg	0.0069	0.00024	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0069	0.00021	
			Naphthalene	0.41	mg/Kg	0.0069	0.0003	
			Phenanthrene	0.025	mg/Kg	0.0069	0.00021	
			Pyrene	0.001	mg/Kg	0.0069	0.00016	VJ
		SW9060	Total Organic Carbon (TOC)	2.79	percent	0.05	0.02	
02NE88SB029	NE13	AK101	Gasoline Range Organics (C6-C10)	ND	mg/Kg	4.9	2.5	
		AK102	Diesel Range Organics (C10-C25)	33	mg/Kg	13	5.6	
		AK103	Residual Range Organics	150	mg/Kg	130	5.3	
		E160.3M	Total Solids	80.7	percent	0	0	
		SW6020	Chromium	23	mg/Kg	1.03	0.05	
			Lead	12	mg/Kg	0.26	0.16	
			Zinc	61.9	mg/Kg	2.58	0.31	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.13	0.05	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.25	0.0087	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.13	0.02	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.13	0.0076	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.13	0.0053	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.13	0.011	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.13	0.0058	
		SW8260B	Benzene	ND	mg/Kg	0.018	0.014	
			Ethylbenzene	ND	mg/Kg	0.044	0.013	
			o-Xylene	0.01	mg/Kg	0.044	0.0098	VJ
			Toluene	ND	mg/Kg	0.044	0.013	
			Xylene, Isomers m & p	ND	mg/Kg	0.044	0.024	
		SW8270 SIM	Acenaphthene	0.00038	mg/Kg	0.0062	0.00027	VJ
			Acenaphthylene	ND	mg/Kg	0.0062	0.0002	
			Anthracene	0.0003	mg/Kg	0.0062	0.00024	VJ
			Benzo(a)anthracene	0.00024	mg/Kg	0.0062	0.00017	VJ
			Benzo(a)pyrene	ND	mg/Kg	0.0062	0.00018	
			Benzo(b)fluoranthene	ND	mg/Kg	0.0062	0.00018	
			Benzo(g,h,i)perylene	0.00024	mg/Kg	0.0062	0.00013	VJ
			Benzo(k)fluoranthene	ND	mg/Kg	0.0062	0.00019	
02NE88SB029	NE13	SW8270 SIM	Chrysene	0.0013	mg/Kg	0.0062	0.00019	VJ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0062	0.00023	
			Fluoranthene	0.00077	mg/Kg	0.0062	0.00022	VJ
			Fluorene	0.0012	mg/Kg	0.0062	0.00022	VJ
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0062	0.00019	
			Naphthalene	0.016	mg/Kg	0.0062	0.00027	
			Phenanthrene	0.0034	mg/Kg	0.0062	0.00019	VJ
			Pyrene	0.00066	mg/Kg	0.0062	0.00014	VJ

Summary of Soil Results Site 88
2002 Sampling Event

Sample ID	Site location	Method	Analyte	Result	Units	MRL	MDL	Qualifier
		SW9060	Total Organic Carbon (TOC)	0.6	percent	0.05	0.02	
02NE88SB030	NE13	AK101	Gasoline Range Organics (C6-C10)	ND	mg/Kg	4.4	2.6	
		AK102	Diesel Range Organics (C10-C25)	79	mg/Kg	13	5.8	
		AK103	Residual Range Organics	590	mg/Kg	130	5.5	
		E160.3M	Total Solids	78	percent	0	0	
		SW6020	Chromium	23.4	mg/Kg	1.07	0.05	
			Lead	12.4	mg/Kg	0.27	0.16	
			Zinc	60.9	mg/Kg	2.67	0.32	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.13	0.052	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.26	0.009	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.13	0.021	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.13	0.0079	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.13	0.0054	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.13	0.011	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.13	0.0059	
		SW8260B	Benzene	ND	mg/Kg	0.021	0.014	
			Ethylbenzene	ND	mg/Kg	0.052	0.013	
			o-Xylene	ND	mg/Kg	0.052	0.011	
			Toluene	ND	mg/Kg	0.052	0.013	
			Xylene, Isomers m & p	ND	mg/Kg	0.052	0.024	
		SW8270 SIM	Acenaphthene	ND	mg/Kg	0.0064	0.00027	
			Acenaphthylene	ND	mg/Kg	0.0064	0.00021	
			Anthracene	ND	mg/Kg	0.0064	0.00025	
			Benzo(a)anthracene	ND	mg/Kg	0.0064	0.00017	
			Benzo(a)pyrene	ND	mg/Kg	0.0064	0.00018	
			Benzo(b)fluoranthene	0.0017	mg/Kg	0.0064	0.00018	VJ
			Benzo(g,h,i)perylene	0.00044	mg/Kg	0.0064	0.00013	VJ
			Benzo(k)fluoranthene	ND	mg/Kg	0.0064	0.0002	
			Chrysene	0.0021	mg/Kg	0.0064	0.0002	VJ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0064	0.00024	
			Fluoranthene	0.00044	mg/Kg	0.0064	0.00022	VJ
			Fluorene	0.00087	mg/Kg	0.0064	0.00022	VJ
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0064	0.0002	
			Naphthalene	0.0047	mg/Kg	0.0064	0.00027	VJ
			Phenanthrene	0.0055	mg/Kg	0.0064	0.0002	VJ
			Pyrene	0.00066	mg/Kg	0.0064	0.00015	VJ
		SW9060	Total Organic Carbon (TOC)	2.26	percent	0.05	0.02	
02NE88SB031	NE15	AK101	Gasoline Range Organics (C6-C10)	110	mg/Kg	4	2.2	VHB
		AK102	Diesel Range Organics (C10-C25)	16000	mg/Kg	110	50	
		AK103	Residual Range Organics	33	mg/Kg	110	4.7	VJ
		E160.3M	Total Solids	91.1	percent	0	0	
		SW6020	Chromium	15.6	mg/Kg	1.1	0.05	
			Lead	12.4	mg/Kg	0.27	0.17	
			Zinc	46.7	mg/Kg	2.74	0.33	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.11	0.044	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.22	0.0077	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.11	0.018	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.11	0.0067	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.11	0.0047	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.11	0.0091	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.11	0.0051	
		SW8260B	Benzene	ND	mg/Kg	0.015	0.012	
			Ethylbenzene	1	mg/Kg	0.036	0.011	
			o-Xylene	0.015	mg/Kg	0.036	0.0087	VJ
			Toluene	0.032	mg/Kg	0.036	0.011	VJ
			Xylene, Isomers m & p	1.8	mg/Kg	0.036	0.021	
		SW8270 SIM	Acenaphthene	0.85	mg/Kg	0.055	0.0024	
			Acenaphthylene	ND	mg/Kg	0.055	0.0018	
			Anthracene	0.043	mg/Kg	0.0055	0.00021	
02NE88SB031	NE15	SW8270 SIM	Benzo(a)anthracene	0.0017	mg/Kg	0.0055	0.00015	VJ
			Benzo(a)pyrene	0.00041	mg/Kg	0.0055	0.00016	VJ
			Benzo(b)fluoranthene	0.0017	mg/Kg	0.0055	0.00016	VJ
			Benzo(g,h,i)perylene	0.00045	mg/Kg	0.0055	0.00011	VJ
			Benzo(k)fluoranthene	0.0016	mg/Kg	0.0055	0.00017	VJ
			Chrysene	0.0038	mg/Kg	0.0055	0.00017	VJ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0055	0.0002	
			Fluoranthene	0.0058	mg/Kg	0.0055	0.00019	
			Fluorene	2.7	mg/Kg	0.055	0.0019	
			Indeno(1,2,3-cd)pyrene	0.00019	mg/Kg	0.0055	0.00017	VJ
			Naphthalene	28	mg/Kg	0.55	0.024	
			Phenanthrene	0.95	mg/Kg	0.0055	0.00017	
			Pyrene	0.01	mg/Kg	0.0055	0.00013	

Summary of Soil Results Site 88
2002 Sampling Event

Sample ID	Site location	Method	Analyte	Result	Units	MRL	MDL	Qualifier
		SW9060	Total Organic Carbon (TOC)	0.34	percent	0.05	0.02	
02NE88SB032	NE15	AK101	Gasoline Range Organics (C6-C10)	60	mg/Kg	4.5	2.2	VHB
		AK102	Diesel Range Organics (C10-C25)	4200	mg/Kg	11	4.9	
		AK103	Residual Range Organics	12	mg/Kg	110	4.6	VJ
		E160.3M	Total Solids	93.5	percent	0	0	
		SW6020	Chromium	6.7	mg/Kg	1.07	0.05	
			Lead	29.6	mg/Kg	0.27	0.16	
			Zinc	60.8	mg/Kg	2.67	0.32	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.11	0.043	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.22	0.0075	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.11	0.018	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.11	0.0066	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.11	0.0045	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.11	0.0088	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.11	0.005	
		SW8260B	Benzene	ND	mg/Kg	0.017	0.012	
			Ethylbenzene	0.025	mg/Kg	0.041	0.011	VJ
			o-Xylene	ND	mg/Kg	0.041	0.0084	
			Toluene	ND	mg/Kg	0.041	0.011	
			Xylene, Isomers m & p	0.043	mg/Kg	0.041	0.02	
		SW8270 SIM	Acenaphthene	0.11	mg/Kg	0.0054	0.00023	VLB
			Acenaphthylene	ND	mg/Kg	0.0054	0.00018	
			Anthracene	0.011	mg/Kg	0.0054	0.00021	VLB
			Benzo(a)anthracene	0.00037	mg/Kg	0.0054	0.00014	VJ
			Benzo(a)pyrene	ND	mg/Kg	0.0054	0.00015	
			Benzo(b)fluoranthene	0.00042	mg/Kg	0.0054	0.00015	VJ
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0054	0.00011	
			Benzo(k)fluoranthene	ND	mg/Kg	0.0054	0.00017	
			Chrysene	0.00094	mg/Kg	0.0054	0.00017	VJ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0054	0.0002	
			Fluoranthene	0.0017	mg/Kg	0.0054	0.00019	VJ
			Fluorene	0.47	mg/Kg	0.0054	0.00019	VLB
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0054	0.00017	
			Naphthalene	0.9	mg/Kg	0.0054	0.00023	VLB
			Phenanthrene	0.27	mg/Kg	0.0054	0.00017	VLB
			Pyrene	0.0035	mg/Kg	0.0054	0.00012	VJ
		SW9060	Total Organic Carbon (TOC)	0.12	percent	0.05	0.02	
02NE88SB033	NE13	AK101	Gasoline Range Organics (C6-C10)	130	mg/Kg	2.6	2.4	VHB
		AK102	Diesel Range Organics (C10-C25)	4700	mg/Kg	120	53	
		AK103	Residual Range Organics	450	mg/Kg	120	4.9	
		E160.3M	Total Solids	86.5	percent	0	0	
		SW6020	Chromium	18.2	mg/Kg	0.23	0.03	
			Lead	14.7	mg/Kg	0.06	0.03	
			Zinc	50.8	mg/Kg	0.6	0.1	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.12	0.047	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.24	0.0081	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.12	0.019	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.12	0.0071	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.12	0.0049	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.12	0.0095	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.12	0.0054	
		SW8260B	Benzene	ND	mg/Kg	0.013	0.013	
			Ethylbenzene	1.2	mg/Kg	0.021	0.012	VHB
			o-Xylene	1.5	mg/Kg	0.021	0.0091	VHB
02NE88SB033	NE13	SW8260B	Toluene	0.05	mg/Kg	0.021	0.012	VHB
			Xylene, Isomers m & p	4	mg/Kg	0.022	0.022	VHB
		SW8270 SIM	Acenaphthene	0.19	mg/Kg	0.0058	0.00025	
			Acenaphthylene	ND	mg/Kg	0.0058	0.00019	
			Anthracene	0.0085	mg/Kg	0.0058	0.00022	
			Benzo(a)anthracene	0.001	mg/Kg	0.0058	0.00016	VJ
			Benzo(a)pyrene	0.00028	mg/Kg	0.0058	0.00017	VJ
			Benzo(b)fluoranthene	0.0013	mg/Kg	0.0058	0.00017	VJ
			Benzo(g,h,i)perylene	0.00054	mg/Kg	0.0058	0.00012	VJ
			Benzo(k)fluoranthene	ND	mg/Kg	0.0058	0.00018	
			Chrysene	0.0033	mg/Kg	0.0058	0.00018	VJ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0058	0.00021	
			Fluoranthene	0.0021	mg/Kg	0.0058	0.0002	VJ
			Fluorene	0.44	mg/Kg	0.0058	0.0002	
			Indeno(1,2,3-cd)pyrene	0.00023	mg/Kg	0.0058	0.00018	VJ
			Naphthalene	12	mg/Kg	0.29	0.013	
			Phenanthrene	0.25	mg/Kg	0.0058	0.00018	
			Pyrene	0.0049	mg/Kg	0.0058	0.00013	VJ

Summary of Soil Results Site 88
2002 Sampling Event

Sample ID	Site location	Method	Analyte	Result	Units	MRL	MDL	Qualifier
		SW9060	Total Organic Carbon (TOC)	1.1	percent	0.05	0.02	
02NE88SB034	NE13	AK101	Gasoline Range Organics (C6-C10)	140	mg/Kg	3	2.3	VHB
		AK102	Diesel Range Organics (C10-C25)	4300	mg/Kg	120	51	
		AK103	Residual Range Organics	110	mg/Kg	120	4.8	VJ
		E160.3M	Total Solids	89.3	percent	0	0	
		SW6020	Chromium	8.31	mg/Kg	0.22	0.03	
			Lead	15	mg/Kg	0.06	0.03	
			Zinc	31.8	mg/Kg	0.6	0.1	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.12	0.045	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.23	0.0079	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.12	0.018	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.12	0.0069	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.12	0.0048	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.12	0.0092	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.12	0.0052	
		SW8260B	Benzene	ND	mg/Kg	0.012	0.012	
			Ethylbenzene	0.94	mg/Kg	0.023	0.011	VHB
			o-Xylene	0.34	mg/Kg	0.023	0.0088	VHB
			Toluene	ND	mg/Kg	0.023	0.011	
			Xylene, Isomers m & p	3	mg/Kg	0.023	0.021	VHB
		SW8270 SIM	Acenaphthene	0.11	mg/Kg	0.0056	0.00024	
			Acenaphthylene	ND	mg/Kg	0.0056	0.00018	
			Anthracene	0.0041	mg/Kg	0.0056	0.00022	VJ
			Benzo(a)anthracene	0.00043	mg/Kg	0.0056	0.00015	VJ
			Benzo(a)pyrene	0.00025	mg/Kg	0.0056	0.00016	VJ
			Benzo(b)fluoranthene	0.0038	mg/Kg	0.0056	0.00016	VJ
			Benzo(g,h,i)perylene	0.00041	mg/Kg	0.0056	0.00012	VJ
			Benzo(k)fluoranthene	0.0036	mg/Kg	0.0056	0.00017	VJ
			Chrysene	0.0013	mg/Kg	0.0056	0.00017	VJ
			Dibenzo(a,h)anthracene	0.00026	mg/Kg	0.0056	0.00021	VJ
			Fluoranthene	0.001	mg/Kg	0.0056	0.0002	VJ
			Fluorene	0.24	mg/Kg	0.0056	0.0002	
			Indeno(1,2,3-cd)pyrene	0.00034	mg/Kg	0.0056	0.00017	VJ
			Naphthalene	3.6	mg/Kg	0.28	0.012	
			Phenanthrene	0.11	mg/Kg	0.0056	0.00017	
			Pyrene	0.0024	mg/Kg	0.0056	0.00013	VJ
		SW9060	Total Organic Carbon (TOC)	0.33	percent	0.05	0.02	VJ
02NE88SB234	NE13	AK101	Gasoline Range Organics (C6-C10)	110	mg/Kg	2.3	2.2	VHB
(FD of SB034)		AK102	Diesel Range Organics (C10-C25)	3100	mg/Kg	11	5	
		AK103	Residual Range Organics	54	mg/Kg	110	4.7	VJ
		E160.3M	Total Solids	91.2	percent	0	0	
		SW6020	Chromium	10.8	mg/Kg	0.22	0.03	
			Lead	15.3	mg/Kg	0.05	0.03	
			Zinc	40.2	mg/Kg	0.5	0.1	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.11	0.044	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.22	0.0077	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.11	0.018	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.11	0.0067	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.11	0.0047	
02NE88SB234	NE13	SW8082	PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.11	0.009	
(FD of SB034)			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.11	0.0051	
		SW8260B	Benzene	ND	mg/Kg	0.012	0.012	
			Ethylbenzene	0.83	mg/Kg	0.025	0.011	VHB
			o-Xylene	0.27	mg/Kg	0.025	0.0087	VHB
			Toluene	ND	mg/Kg	0.025	0.011	
			Xylene, Isomers m & p	2.8	mg/Kg	0.025	0.021	VHB
		SW8270 SIM	Acenaphthene	0.089	mg/Kg	0.0055	0.00024	
			Acenaphthylene	ND	mg/Kg	0.0055	0.00018	
			Anthracene	0.0033	mg/Kg	0.0055	0.00021	VJ
			Benzo(a)anthracene	0.00021	mg/Kg	0.0055	0.00015	VJ
			Benzo(a)pyrene	ND	mg/Kg	0.0055	0.00016	
			Benzo(b)fluoranthene	0.00041	mg/Kg	0.0055	0.00016	VJ
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0055	0.00011	
			Benzo(k)fluoranthene	ND	mg/Kg	0.0055	0.00017	
			Chrysene	0.00091	mg/Kg	0.0055	0.00017	VJ
			Dibenzo(a,h)anthracene	0.00031	mg/Kg	0.0055	0.0002	VJ
			Fluoranthene	0.00079	mg/Kg	0.0055	0.00019	VJ
			Fluorene	0.2	mg/Kg	0.0055	0.00019	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0055	0.00017	
			Naphthalene	3.8	mg/Kg	0.28	0.012	
			Phenanthrene	0.091	mg/Kg	0.0055	0.00017	
			Pyrene	0.0018	mg/Kg	0.0055	0.00013	VJ

Summary of Soil Results Site 88
2002 Sampling Event

Sample ID	Site location	Method	Analyte	Result	Units	MRL	MDL	Qualifier
		SW9060	Total Organic Carbon (TOC)	0.19	percent	0.05	0.02	
02NE88SB035	NE13	AK101	Gasoline Range Organics (C6-C10)	100	mg/Kg	2.5	2.2	VHB
		AK102	Diesel Range Organics (C10-C25)	7300	mg/Kg	110	48	
		AK103	Residual Range Organics	24	mg/Kg	110	4.5	VJ
		E160.3M	Total Solids	94.2	percent	0	0	
		SW6020	Chromium	14	mg/Kg	0.21	0.03	
			Lead	18.4	mg/Kg	0.05	0.03	
			Zinc	49	mg/Kg	0.5	0.1	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.11	0.043	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.21	0.0075	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.11	0.017	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.11	0.0065	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.11	0.0045	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.11	0.0088	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.11	0.0049	
		SW8260B	Benzene	0.018	mg/Kg	0.012	0.012	VHB
			Ethylbenzene	1.1	mg/Kg	0.025	0.011	VHB
			o-Xylene	0.019	mg/Kg	0.025	0.0084	VJ
			Toluene	0.018	mg/Kg	0.025	0.011	VJ
			Xylene, Isomers m & p	0.95	mg/Kg	0.025	0.02	VHB
		SW8270 SIM	Acenaphthene	0.15	mg/Kg	0.0054	0.00023	
			Acenaphthylene	0.052	mg/Kg	0.0054	0.00017	
			Anthracene	0.0059	mg/Kg	0.0054	0.00021	
			Benzo(a)anthracene	0.00044	mg/Kg	0.0054	0.00014	VJ
			Benzo(a)pyrene	ND	mg/Kg	0.0054	0.00015	
			Benzo(b)fluoranthene	0.00062	mg/Kg	0.0054	0.00015	VJ
			Benzo(g,h,i)perylene	0.00043	mg/Kg	0.0054	0.00011	VJ
			Benzo(k)fluoranthene	ND	mg/Kg	0.0054	0.00016	
			Chrysene	0.0013	mg/Kg	0.0054	0.00016	VJ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0054	0.0002	
			Fluoranthene	0.0013	mg/Kg	0.0054	0.00019	VJ
			Fluorene	0.42	mg/Kg	0.0054	0.00019	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0054	0.00016	
			Naphthalene	10	mg/Kg	0.27	0.012	
			Phenanthrene	0.18	mg/Kg	0.0054	0.00016	
			Pyrene	0.0027	mg/Kg	0.0054	0.00012	VJ
		SW9060	Total Organic Carbon (TOC)	0.22	percent	0.05	0.02	
02NE88SB036	NE13	AK101	Gasoline Range Organics (C6-C10)	170	mg/Kg	3.3	2.6	VHB
		AK102	Diesel Range Organics (C10-C25)	4000	mg/Kg	13	5.7	VJ
		AK103	Residual Range Organics	220	mg/Kg	130	5.3	
		E160.3M	Total Solids	79.6	percent	0	0	
		SW6020	Chromium	16.7	mg/Kg	0.25	0.04	VJ
			Lead	21.1	mg/Kg	0.06	0.04	VJ
			Zinc	57.5	mg/Kg	0.6	0.1	VJ
02NE88SB036	NE13	SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.13	0.051	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.25	0.0088	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.13	0.021	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.13	0.0077	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.13	0.0053	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.13	0.011	
			PCB-1260 (Aroclor 1260)	0.033	mg/Kg	0.13	0.0058	VJ
		SW8260B	Benzene	0.062	mg/Kg	0.014	0.014	VJ
			Ethylbenzene	2.2	mg/Kg	0.03	0.013	VJ
			o-Xylene	1.3	mg/Kg	0.03	0.0099	VJ
			Toluene	0.041	mg/Kg	0.03	0.013	
			Xylene, Isomers m & p	4.4	mg/Kg	0.03	0.024	VJ
		SW8270 SIM	Acenaphthene	0.13	mg/Kg	0.0063	0.00027	VJ
			Acenaphthylene	ND	mg/Kg	0.0063	0.00021	
			Anthracene	0.0039	mg/Kg	0.0063	0.00024	VJ
			Benzo(a)anthracene	0.00021	mg/Kg	0.0063	0.00017	VJ
			Benzo(a)pyrene	ND	mg/Kg	0.0063	0.00018	
			Benzo(b)fluoranthene	0.00056	mg/Kg	0.0063	0.00018	VJ
			Benzo(g,h,i)perylene	0.00031	mg/Kg	0.0063	0.00013	VJ
			Benzo(k)fluoranthene	ND	mg/Kg	0.0063	0.00019	
			Chrysene	0.0014	mg/Kg	0.0063	0.00019	VJ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0063	0.00023	
			Fluoranthene	0.00097	mg/Kg	0.0063	0.00022	VJ
			Fluorene	0.38	mg/Kg	0.0063	0.00022	VJ
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0063	0.00019	
			Naphthalene	6.9	mg/Kg	0.32	0.014	VJ
			Phenanthrene	0.14	mg/Kg	0.0063	0.00019	VJ
			Pyrene	0.002	mg/Kg	0.0063	0.00014	VJ

Summary of Soil Results Site 88
2002 Sampling Event

Sample ID	Site location	Method	Analyte	Result	Units	MRL	MDL	Qualifier
		SW9060	Total Organic Carbon (TOC)	0.81	percent	0.05	0.02	VJ
02NE88SB236 (FD of SB036)	NE13	AK101	Gasoline Range Organics (C6-C10)	88	mg/Kg	2.5	2.2	VHB
		AK102	Diesel Range Organics (C10-C25)	13000	mg/Kg	110	50	
		AK103	Residual Range Organics	180	mg/Kg	110	4.7	
		E160.3M	Total Solids	91.3	percent	0	0	
		SW6020	Chromium	9.64	mg/Kg	0.22	0.03	
			Lead	12.6	mg/Kg	0.05	0.03	
			Zinc	31.9	mg/Kg	0.5	0.1	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.11	0.044	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.22	0.0077	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.11	0.018	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.11	0.0067	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.11	0.0047	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.11	0.009	
			PCB-1260 (Aroclor 1260)	0.059	mg/Kg	0.11	0.0051	VJ
		SW8260B	Benzene	0.023	mg/Kg	0.012	0.012	
			Ethylbenzene	0.66	mg/Kg	0.023	0.011	
			o-Xylene	0.58	mg/Kg	0.023	0.0086	
			Toluene	0.022	mg/Kg	0.023	0.011	VJ
			Xylene, Isomers m & p	1.5	mg/Kg	0.023	0.021	
		SW8270 SIM	Acenaphthene	0.25	mg/Kg	0.0055	0.00024	
			Acenaphthylene	ND	mg/Kg	0.0055	0.00018	
			Anthracene	0.013	mg/Kg	0.0055	0.00021	
			Benzo(a)anthracene	0.001	mg/Kg	0.0055	0.00015	VJ
			Benzo(a)pyrene	ND	mg/Kg	0.0055	0.00016	
			Benzo(b)fluoranthene	0.0016	mg/Kg	0.0055	0.00016	VJ
			Benzo(g,h,i)perylene	0.00034	mg/Kg	0.0055	0.00011	VJ
			Benzo(k)fluoranthene	ND	mg/Kg	0.0055	0.00017	
			Chrysene	0.0021	mg/Kg	0.0055	0.00017	VJ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0055	0.0002	
			Fluoranthene	0.0027	mg/Kg	0.0055	0.00019	VJ
			Fluorene	0.74	mg/Kg	0.0055	0.00019	
			Indeno(1,2,3-cd)pyrene	0.00019	mg/Kg	0.0055	0.00017	VJ
			Naphthalene	23	mg/Kg	0.55	0.024	
			Phenanthrene	0.44	mg/Kg	0.0055	0.00017	
			Pyrene	0.005	mg/Kg	0.0055	0.00013	VJ
		SW9060	Total Organic Carbon (TOC)	0.48	percent	0.05	0.02	
02NE88SB037	NE22	AK101	Gasoline Range Organics (C6-C10)	ND	mg/Kg	4.1	2.3	
02NE88SB037	NE22	AK102	Diesel Range Organics (C10-C25)	ND	mg/Kg	11	5	
		AK103	Residual Range Organics	13	mg/Kg	110	4.7	VJ
		E160.3M	Total Solids	90.5	percent	0	0	
		SW6020	Chromium	7.26	mg/Kg	0.22	0.03	
			Lead	30.5	mg/Kg	0.06	0.03	
			Zinc	69.8	mg/Kg	0.6	0.1	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.11	0.045	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.22	0.0078	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.11	0.018	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.11	0.0068	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.11	0.0047	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.11	0.0091	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.11	0.0051	
		SW8260B	Benzene	ND	mg/Kg	0.019	0.012	
			Ethylbenzene	ND	mg/Kg	0.047	0.011	
			o-Xylene	ND	mg/Kg	0.047	0.0087	
			Toluene	ND	mg/Kg	0.047	0.011	
			Xylene, Isomers m & p	ND	mg/Kg	0.047	0.021	
		SW8270 SIM	Acenaphthene	ND	mg/Kg	0.0056	0.00024	
			Acenaphthylene	ND	mg/Kg	0.0056	0.00018	
			Anthracene	ND	mg/Kg	0.0056	0.00021	
			Benzo(a)anthracene	0.00017	mg/Kg	0.0056	0.00015	VJ
			Benzo(a)pyrene	ND	mg/Kg	0.0056	0.00016	
			Benzo(b)fluoranthene	ND	mg/Kg	0.0056	0.00016	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0056	0.00012	
			Benzo(k)fluoranthene	ND	mg/Kg	0.0056	0.00017	
			Chrysene	0.00036	mg/Kg	0.0056	0.00017	VJ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0056	0.0002	
			Fluoranthene	0.00073	mg/Kg	0.0056	0.00019	VJ
			Fluorene	ND	mg/Kg	0.0056	0.00019	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0056	0.00017	
			Naphthalene	0.00092	mg/Kg	0.0056	0.00024	VJ
			Phenanthrene	0.0012	mg/Kg	0.0056	0.00017	VJ

Summary of Soil Results Site 88
2002 Sampling Event

Sample ID	Site location	Method	Analyte	Result	Units	MRL	MDL	Qualifier
			Pyrene	0.00044	mg/Kg	0.0056	0.00013	VJ
		SW9060	Total Organic Carbon (TOC)	0.1	percent	0.05	0.02	
02NE88SB237 (FD of SB037)	NE22	AK101	Gasoline Range Organics (C6-C10)	ND	mg/Kg	4	2.2	
		AK102	Diesel Range Organics (C10-C25)	ND	mg/Kg	11	5	
		AK103	Residual Range Organics	5.6	mg/Kg	110	4.7	VJ
		E160.3M	Total Solids	91.4	percent	0	0	
		SW6020	Chromium	8.11	mg/Kg	0.22	0.03	
			Lead	33.7	mg/Kg	0.05	0.03	
			Zinc	69.1	mg/Kg	0.5	0.1	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.11	0.044	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.22	0.0077	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.11	0.018	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.11	0.0067	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.11	0.0046	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.11	0.009	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.11	0.0051	
		SW8260B	Benzene	ND	mg/Kg	0.017	0.012	
			Ethylbenzene	ND	mg/Kg	0.041	0.011	
			o-Xylene	ND	mg/Kg	0.041	0.0086	
			Toluene	ND	mg/Kg	0.041	0.011	
			Xylene, Isomers m & p	ND	mg/Kg	0.041	0.021	
		SW8270 SIM	Acenaphthene	ND	mg/Kg	0.0055	0.00023	
			Acenaphthylene	ND	mg/Kg	0.0055	0.00018	
			Anthracene	ND	mg/Kg	0.0055	0.00021	
			Benzo(a)anthracene	ND	mg/Kg	0.0055	0.00015	
			Benzo(a)pyrene	ND	mg/Kg	0.0055	0.00016	
			Benzo(b)fluoranthene	ND	mg/Kg	0.0055	0.00016	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0055	0.00011	
			Benzo(k)fluoranthene	ND	mg/Kg	0.0055	0.00017	
			Chrysene	0.00019	mg/Kg	0.0055	0.00017	VJ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0055	0.0002	
			Fluoranthene	ND	mg/Kg	0.0055	0.00019	
			Fluorene	ND	mg/Kg	0.0055	0.00019	
02NE88SB237 (FD of SB037)	NE22	SW8270 SIM	Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0055	0.00017	
			Naphthalene	0.00048	mg/Kg	0.0055	0.00023	VJ
			Phenanthrene	0.00056	mg/Kg	0.0055	0.00017	VJ
			Pyrene	ND	mg/Kg	0.0055	0.00013	
		SW9060	Total Organic Carbon (TOC)	0.09	percent	0.05	0.02	
02NE88SB038	NE22	AK101	Gasoline Range Organics (C6-C10)	ND	mg/Kg	4.3	2.2	
		AK102	Diesel Range Organics (C10-C25)	ND	mg/Kg	11	4.8	
		AK103	Residual Range Organics	5.4	mg/Kg	110	4.5	VJ
		E160.3M	Total Solids	94.4	percent	0	0	
		SW6020	Chromium	7.87	mg/Kg	0.21	0.03	
			Lead	41.3	mg/Kg	0.05	0.03	
			Zinc	90.3	mg/Kg	0.5	0.1	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.11	0.043	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.22	0.0075	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.11	0.017	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.11	0.0065	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.11	0.0045	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.11	0.0087	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.11	0.0049	
		SW8260B	Benzene	ND	mg/Kg	0.017	0.012	
			Ethylbenzene	ND	mg/Kg	0.042	0.011	
			o-Xylene	ND	mg/Kg	0.042	0.0084	
			Toluene	ND	mg/Kg	0.042	0.011	
			Xylene, Isomers m & p	ND	mg/Kg	0.042	0.02	
		SW8270 SIM	Acenaphthene	ND	mg/Kg	0.0053	0.00023	
			Acenaphthylene	ND	mg/Kg	0.0053	0.00017	
			Anthracene	ND	mg/Kg	0.0053	0.00021	
			Benzo(a)anthracene	ND	mg/Kg	0.0053	0.00014	
			Benzo(a)pyrene	ND	mg/Kg	0.0053	0.00015	
			Benzo(b)fluoranthene	ND	mg/Kg	0.0053	0.00015	
			Benzo(g,h,i)perylene	0.00015	mg/Kg	0.0053	0.00011	VJ
			Benzo(k)fluoranthene	ND	mg/Kg	0.0053	0.00016	
			Chrysene	ND	mg/Kg	0.0053	0.00016	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0053	0.0002	
			Fluoranthene	ND	mg/Kg	0.0053	0.00019	
			Fluorene	ND	mg/Kg	0.0053	0.00019	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0053	0.00016	
			Naphthalene	ND	mg/Kg	0.0053	0.00023	

Summary of Soil Results Site 88
2002 Sampling Event

Sample ID	Site location	Method	Analyte	Result	Units	MRL	MDL	Qualifier
			Phenanthrene	0.00022	mg/Kg	0.0053	0.00016	VJ
			Pyrene	ND	mg/Kg	0.0053	0.00012	
		SW9060	Total Organic Carbon (TOC)	0.06	percent	0.05	0.02	
02NE88SB039	NE22	AK101	Gasoline Range Organics (C6-C10)	ND	mg/Kg	4	2.2	
		AK102	Diesel Range Organics (C10-C25)	ND	mg/Kg	11	5	
		AK103	Residual Range Organics	ND	mg/Kg	110	4.7	
		E160.3M	Total Solids	91.6	percent	0	0	
		SW6020	Chromium	9.09	mg/Kg	0.22	0.03	VJ
			Lead	31.4	mg/Kg	0.05	0.03	
			Zinc	62.9	mg/Kg	0.5	0.1	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.11	0.044	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.22	0.0077	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.11	0.018	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.11	0.0067	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.11	0.0046	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.11	0.009	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.11	0.0051	
		SW8260B	Benzene	ND	mg/Kg	0.016	0.012	
			Ethylbenzene	ND	mg/Kg	0.038	0.011	
			o-Xylene	ND	mg/Kg	0.038	0.0086	
			Toluene	ND	mg/Kg	0.038	0.011	
			Xylene, Isomers m & p	ND	mg/Kg	0.038	0.021	
		SW8270 SIM	Acenaphthene	ND	mg/Kg	0.0055	0.00023	
			Acenaphthylene	ND	mg/Kg	0.0055	0.00018	
			Anthracene	ND	mg/Kg	0.0055	0.00021	
			Benzo(a)anthracene	ND	mg/Kg	0.0055	0.00015	
			Benzo(a)pyrene	ND	mg/Kg	0.0055	0.00016	
			Benzo(b)fluoranthene	0.00056	mg/Kg	0.0055	0.00016	VJ
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0055	0.00011	
02NE88SB039	NE22	SW8270 SIM	Benzo(k)fluoranthene	ND	mg/Kg	0.0055	0.00017	
			Chrysene	0.00027	mg/Kg	0.0055	0.00017	VJ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0055	0.0002	
			Fluoranthene	0.00024	mg/Kg	0.0055	0.00019	VJ
			Fluorene	ND	mg/Kg	0.0055	0.00019	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0055	0.00017	
			Naphthalene	0.00072	mg/Kg	0.0055	0.00023	VJ
			Phenanthrene	0.00053	mg/Kg	0.0055	0.00017	VJ
			Pyrene	0.00021	mg/Kg	0.0055	0.00013	VJ
		SW9060	Total Organic Carbon (TOC)	0.07	percent	0.05	0.02	
02NE88SB239 (FD of SB039)	NE22	AK101	Gasoline Range Organics (C6-C10)	ND	mg/Kg	4.2	2.3	
		AK102	Diesel Range Organics (C10-C25)	ND	mg/Kg	11	5.1	
		AK103	Residual Range Organics	5	mg/Kg	110	4.7	VJ
		E160.3M	Total Solids	90.2	percent	0	0	
		SW6020	Chromium	7.71	mg/Kg	0.22	0.03	
			Lead	31.2	mg/Kg	0.06	0.03	
			Zinc	57	mg/Kg	0.6	0.1	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.11	0.045	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.22	0.0078	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.11	0.018	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.11	0.0068	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.11	0.0047	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.11	0.0091	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.11	0.0051	
		SW8260B	Benzene	ND	mg/Kg	0.019	0.012	
			Ethylbenzene	ND	mg/Kg	0.046	0.011	
			o-Xylene	ND	mg/Kg	0.046	0.0088	
			Toluene	ND	mg/Kg	0.046	0.011	
			Xylene, Isomers m & p	ND	mg/Kg	0.046	0.021	
		SW8270 SIM	Acenaphthene	ND	mg/Kg	0.0056	0.00024	
			Acenaphthylene	ND	mg/Kg	0.0056	0.00018	
			Anthracene	ND	mg/Kg	0.0056	0.00022	
			Benzo(a)anthracene	ND	mg/Kg	0.0056	0.00015	
			Benzo(a)pyrene	ND	mg/Kg	0.0056	0.00016	
			Benzo(b)fluoranthene	ND	mg/Kg	0.0056	0.00016	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0056	0.00012	
			Benzo(k)fluoranthene	ND	mg/Kg	0.0056	0.00017	
			Chrysene	ND	mg/Kg	0.0056	0.00017	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0056	0.0002	
			Fluoranthene	ND	mg/Kg	0.0056	0.00019	
			Fluorene	ND	mg/Kg	0.0056	0.00019	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0056	0.00017	

Summary of Soil Results Site 88
2002 Sampling Event

Sample ID	Site location	Method	Analyte	Result	Units	MRL	MDL	Qualifier
			Naphthalene	0.00046	mg/Kg	0.0056	0.00024	VJ
			Phenanthrene	0.00048	mg/Kg	0.0056	0.00017	VJ
			Pyrene	0.00015	mg/Kg	0.0056	0.00013	VJ
		SW9060	Total Organic Carbon (TOC)	0.08	percent	0.05	0.02	
02NE88SB040	NE22	AK101	Gasoline Range Organics (C6-C10)	ND	mg/Kg	4.1	2.1	
		AK102	Diesel Range Organics (C10-C25)	ND	mg/Kg	11	4.8	
		AK103	Residual Range Organics	ND	mg/Kg	110	4.5	
		E160.3M	Total Solids	95.5	percent	0	0	
		SW6020	Chromium	7.88	mg/Kg	0.21	0.03	
			Lead	32.2	mg/Kg	0.05	0.03	
			Zinc	75.2	mg/Kg	0.5	0.1	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.11	0.042	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.21	0.0074	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.11	0.017	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.11	0.0064	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.11	0.0044	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.11	0.0086	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.11	0.0049	
		SW8260B	Benzene	ND	mg/Kg	0.015	0.011	
			Ethylbenzene	ND	mg/Kg	0.037	0.011	
			o-Xylene	ND	mg/Kg	0.037	0.0083	
			Toluene	ND	mg/Kg	0.037	0.011	
			Xylene, Isomers m & p	ND	mg/Kg	0.037	0.02	
		SW8270 SIM	Acenaphthene	ND	mg/Kg	0.0053	0.00022	
02NE88SB040	NE22	SW8270 SIM	Acenaphthylene	ND	mg/Kg	0.0053	0.00017	
			Anthracene	0.0002	mg/Kg	0.0053	0.0002	VJ
			Benzo(a)anthracene	ND	mg/Kg	0.0053	0.00014	
			Benzo(a)pyrene	ND	mg/Kg	0.0053	0.00015	
			Benzo(b)fluoranthene	0.00035	mg/Kg	0.0053	0.00015	VJ
			Benzo(g,h,i)perylene	0.00033	mg/Kg	0.0053	0.00011	VJ
			Benzo(k)fluoranthene	ND	mg/Kg	0.0053	0.00016	
			Chrysene	0.0002	mg/Kg	0.0053	0.00016	VJ
			Dibenzo(a,h)anthracene	0.00032	mg/Kg	0.0053	0.00019	VJ
			Fluoranthene	0.0007	mg/Kg	0.0053	0.00018	VJ
			Fluorene	0.0002	mg/Kg	0.0053	0.00018	VJ
			Indeno(1,2,3-cd)pyrene	0.00032	mg/Kg	0.0053	0.00016	VJ
			Naphthalene	0.00031	mg/Kg	0.0053	0.00022	VJ
			Phenanthrene	0.001	mg/Kg	0.0053	0.00016	VJ
			Pyrene	0.00051	mg/Kg	0.0053	0.00012	VJ
		SW9060	Total Organic Carbon (TOC)	0.04	percent	0.05	0.02	VJ
02NE88TB001	Trip blank	AK101	Gasoline Range Organics (C6-C10)	ND	mg/Kg	5.1	2.1	
		SW8260B	Benzene	ND	mg/Kg	0.02	0.011	
			Ethylbenzene	ND	mg/Kg	0.05	0.0098	
			o-Xylene	ND	mg/Kg	0.05	0.0079	
			Toluene	ND	mg/Kg	0.05	0.0098	
			Xylene, Isomers m & p	ND	mg/Kg	0.05	0.019	
02NE88TB005	Trip blank	AK101	Gasoline Range Organics (C6-C10)	ND	mg/Kg	5.1	2.1	
		SW8260B	Benzene	ND	mg/Kg	0.02	0.011	
			Ethylbenzene	ND	mg/Kg	0.05	0.0098	
			o-Xylene	ND	mg/Kg	0.05	0.0079	
			Toluene	ND	mg/Kg	0.05	0.0098	
			Xylene, Isomers m & p	ND	mg/Kg	0.05	0.019	
02NE88TB007	Trip blank	AK101	Gasoline Range Organics (C6-C10)	ND	mg/Kg	5.1	2.1	
		SW8260B	Benzene	ND	mg/Kg	0.02	0.011	
			Ethylbenzene	ND	mg/Kg	0.05	0.0098	
			o-Xylene	ND	mg/Kg	0.05	0.0079	
			Toluene	ND	mg/Kg	0.05	0.0098	
			Xylene, Isomers m & p	ND	mg/Kg	0.05	0.019	

Key:

VB - analyte present in the blank and the sample
DRO - diesel range organics
GRO - gaoline range organics
mg/Kg - milligrams per kilogram
ND - Not detected above method reporting limit
VHB - Result is an estimate with a high bias.
VJ - estimated value
VQQ - method reporting limit approximated due to quality control or matrix effects