

Exhibit 5

Trench Sampling Report Salmon Site Lamar County, Mississippi

**TRENCH SAMPLING REPORT
SALMON SITE
LAMAR COUNTY, MISSISSIPPI**

Prepared for:

**DOE Nevada Operations Office
Las Vegas, Nevada**

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List of Abbreviations and Acronyms

bgs	below ground surface
BNA	base-neutral-acid extractable compounds
CFR	Code of Federal Regulations
CLP	Contract Laboratory Program
cm	centimeters
CN	cyanide
CRDL	contract required detection limit
DIOX	dioxin/furan
DOE	U.S. Department of Energy
EERF	Eastern Environmental Radiation Facilities
EPA	U.S. Environmental Protection Agency
ft	feet
³ H	tritium
HASL	Health and Safety Laboratory
in.	inch(es)
IT	IT Corporation
ITAS	IT Analytical Services
ℓ	liter
m	meter(s)
MCC	maximum contaminant concentration
MET	metals
mg/kg	milligrams per kilograms
MMCC	modified maximum contaminant concentration
MSDEQ	Mississippi State Department of Environmental Quality
mℓ	milliliter
pCi	picocurie
REEC _o	Reynolds Electrical & Engineering Co., Inc.
SM	Standard Method
TCLP	toxicity characteristic leaching procedure
TPH	total petroleum hydrocarbons
VOC	volatile organic compounds

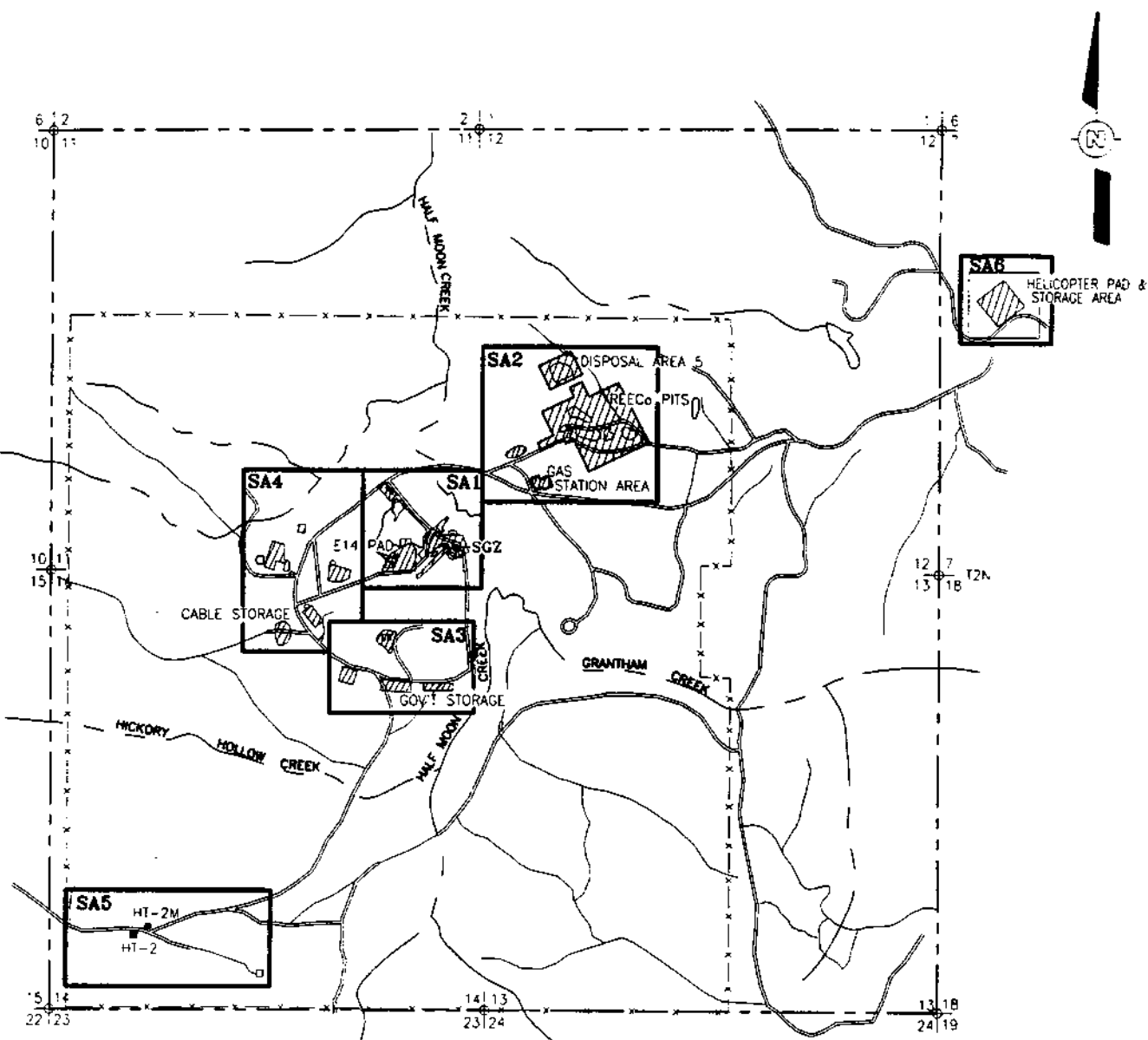
1.0 Introduction

This report describes trench excavation and sample-collection activities conducted by IT Corporation (IT) as part of the ongoing Remedial Investigation and Feasibility Study at the Salmon Site, Lamar County, Mississippi (DOE, 1992). During construction, operation, and closure of the site wastes of unknown composition were buried in pits on site. All of the potential burial sites are located in Area SA-2 in the northeastern part of the Salmon Site (Figure 1-1). Surface-geophysical field investigations were conducted intermittently between November 1992 and October 1993 to identify potential waste-burial sites and buried metallic materials. The geophysical investigations included vertical magnetic gradient, electromagnetic conductivity, electromagnetic in-phase component, and ground-penetrating radar surveys. A number of anomalies identified by the magnetic gradiometer survey in the Reynolds Electrical & Engineering Co., Inc., (REECO) pits area indicated buried metallic objects (Figures 1-2, 1-3 and 1-4) (DOE, 1994a). All of the anomalies were field checked to determine if any were caused by surface features or debris. After field checking, 17 anomalies were still unexplained; trenching was planned to attempt to identify their sources.

Between December 8, 1993, and December 17, 1993, 15 trenches were excavated and soil samples were collected at the anomalies. Two other trenches were planned but not excavated, one because a culvert was found at the ground surface and the other because a gopher tortoise burrow was found at the center of the anomaly. After all of the trenches were excavated and sampled, permission was received from the Mississippi State Department of Environmental Quality (MSDEQ) to close the trenches. The trenches were refilled with the excavated material on December 29 and 30, 1993.

Samples were collected, placed in 250- and 500-milliliter (mℓ) amber glass containers, and shipped on ice to IT Analytical Services (ITAS) in St. Louis, Missouri, using standard IT chain-of-custody procedures. The samples were analyzed for various chemical and radiological parameters. Data validation has not been conducted on any of the samples.

During excavation and sampling, soil samples were also collected by IT for the MSDEQ and the Mississippi Department of Radiological Health, in accordance with their instructions, and delivered into their custody.



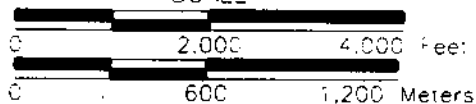
SOURCE AREAS

- SA1 - SURFACE GROUND ZERO
- SA2 - REECO PITS AREA
- SA3 - SOUTHERN DISPOSAL AREA
- SA4 - WESTERN DISPOSAL AREA
- SA5 - INJECTION WELL AREA
- SA6 - HELICOPTER PAD AND STORAGE AREA

LEGEND

- SOURCE AREA BOUNDARY
- SECTION LINES
- FENCE
- GEOPHYSICAL SURVEY AREA

SCALE



SOURCE: DOE, 1992

FIGURE 1-1
 SALMON SITE MAP
 SHOWING REECO PITS AREA

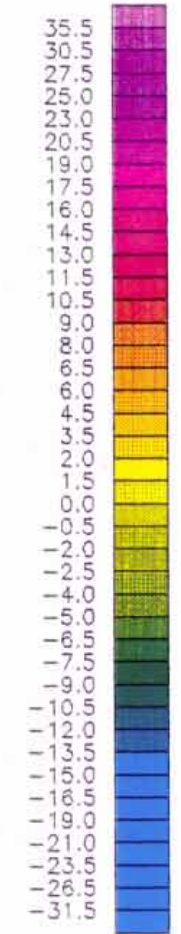
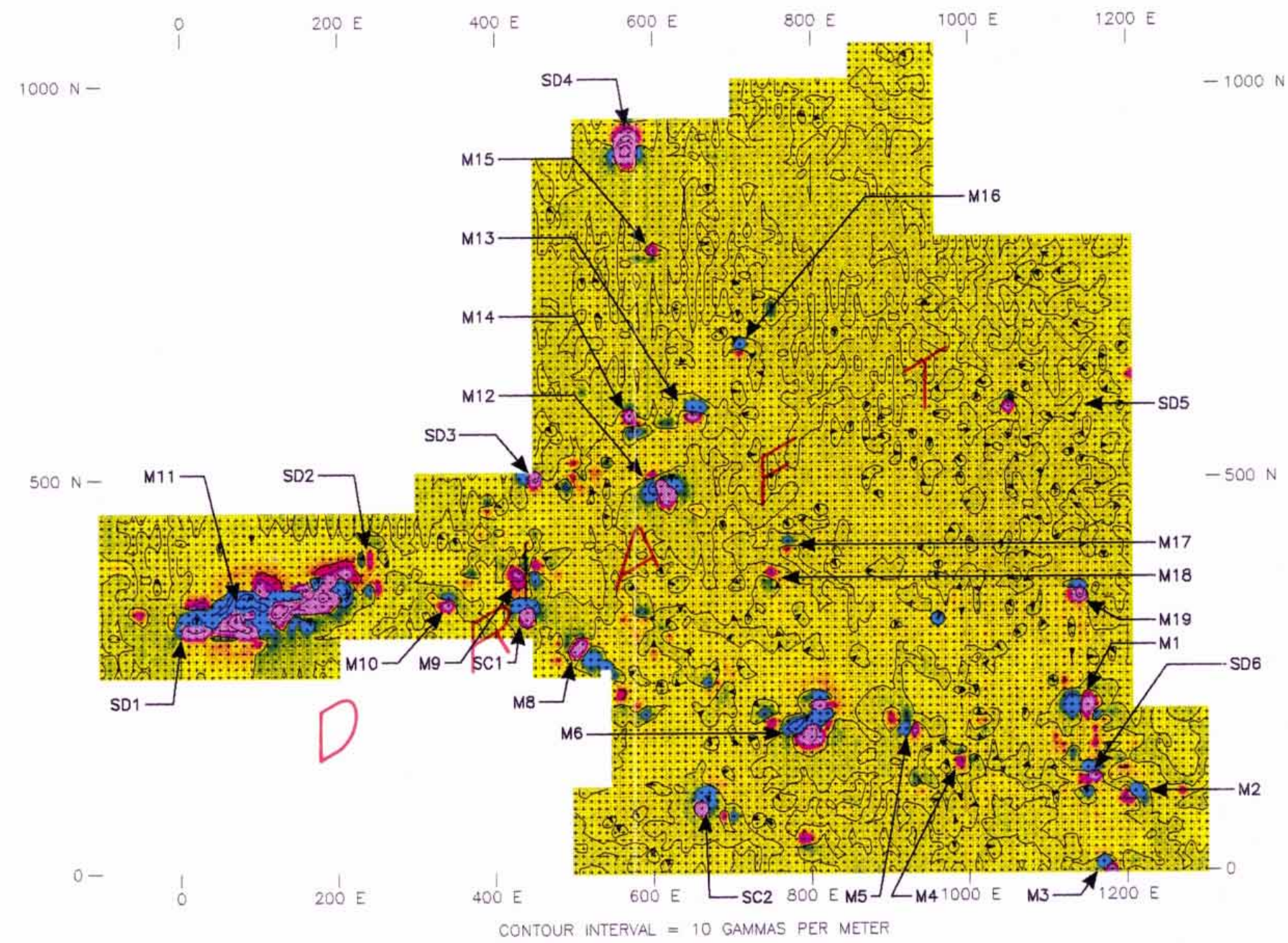
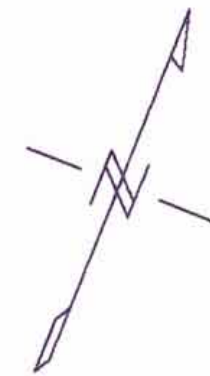
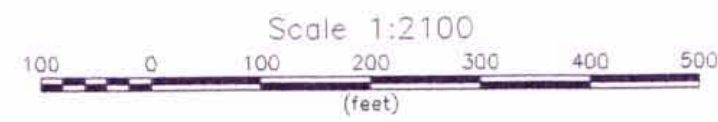
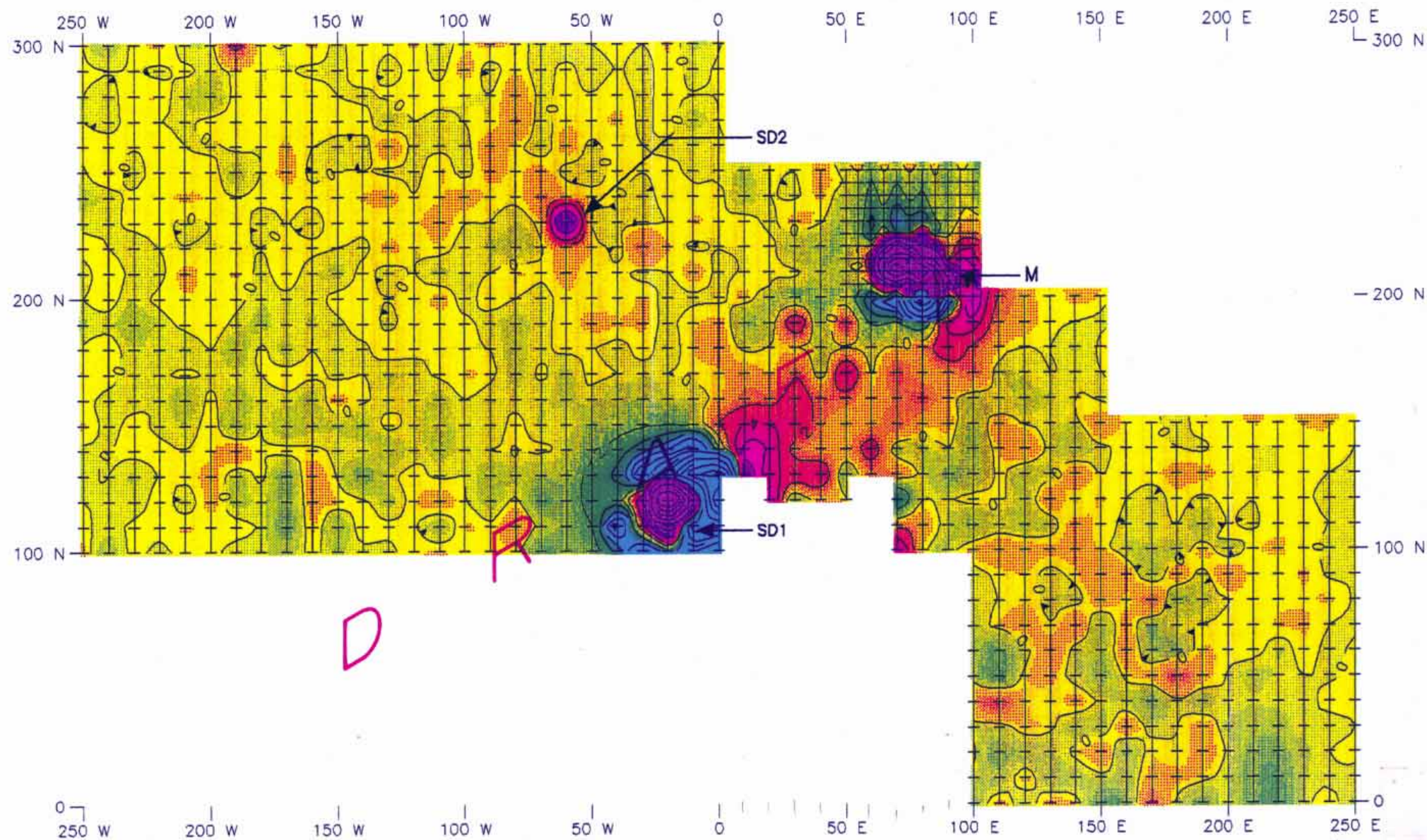


FIGURE 1-2
VERTICAL MAGNETIC GRADIENT MAP OF
THE MAIN REEC PITS AREA
DECEMBER 1993
SALMON SITE
LAMAR COUNTY, MISSISSIPPI

- LEGEND**
- M1 - ANOMALIES ATTRIBUTED TO BURIED FERROMETALLIC MATERIAL
 - SD1 - ANOMALIES ATTRIBUTED TO FERROMETALLIC DEBRIS ON THE SURFACE
 - SC1 - STEEL CULVERTS



Source: DOE, 1994a



CONTOUR INTERVAL = 2 GAMMAS PER METER

LEGEND

- SD1 - ANOMALIES ATTRIBUTED TO FERROMETALLIC DEBRIS ON THE SURFACE
- M - ANOMALY ATTRIBUTED TO BURIED FERROMETALLIC MATERIAL

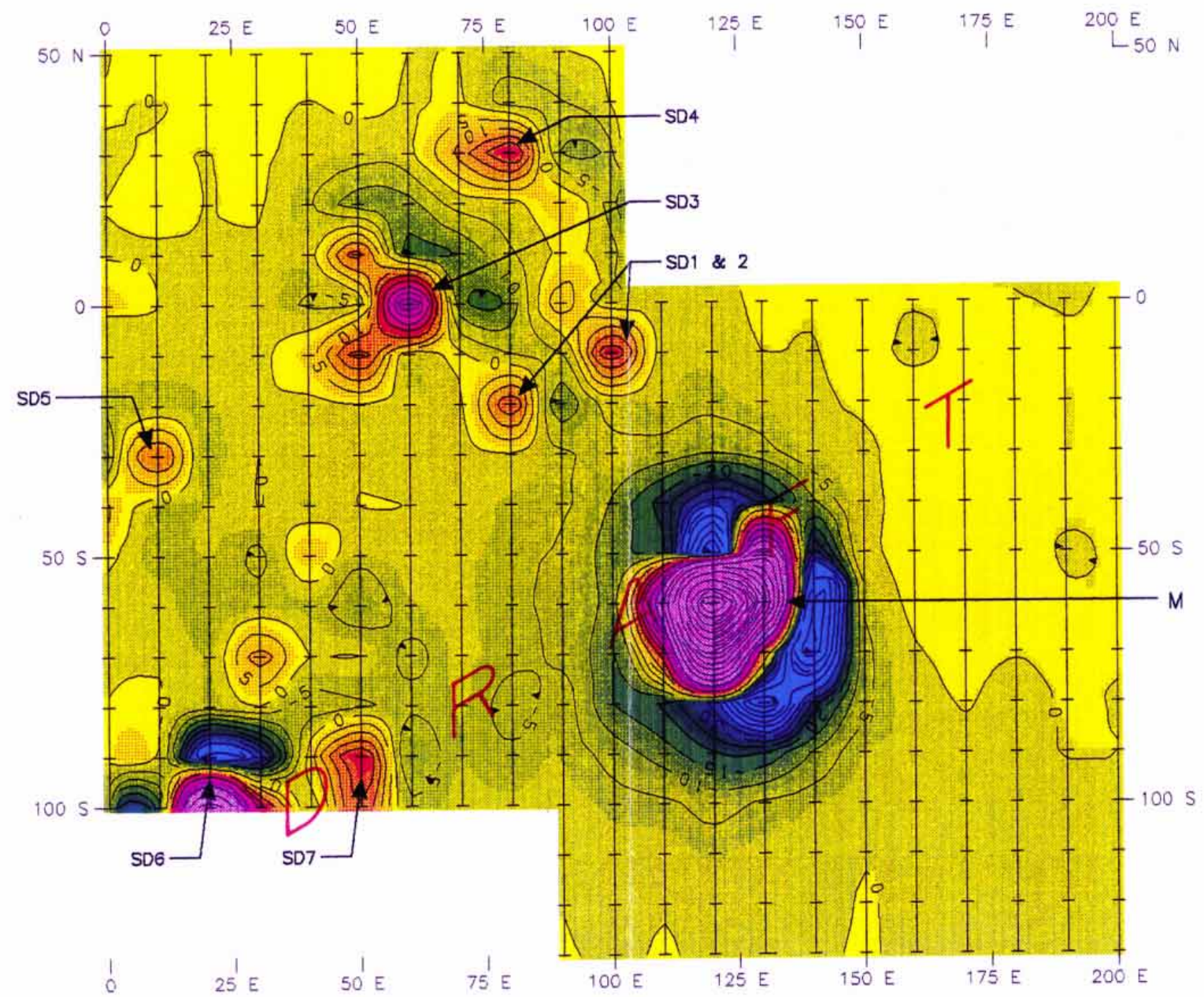
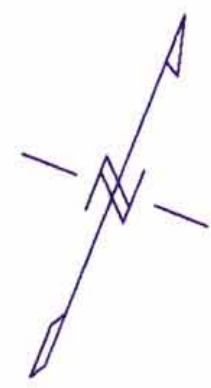


Source: DOE, 1994a

FIGURE 1-3

VERTICAL MAGNETIC GRADIENT MAP OF
DISPOSAL AREA 5
DECEMBER 1993

SALMON SITE
LAMAR COUNTY, MISSISSIPPI



CONTOUR INTERVAL = 5 GAMMAS PER METER

LEGEND

SD - ANOMALIES ATTRIBUTED TO FERROMETALLIC DEBRIS ON THE SURFACE



Source: DOE, 1994a

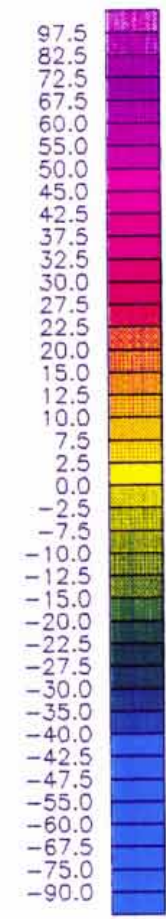


FIGURE 1-4

VERTICAL MAGNETIC GRADIENT MAP OF
THE GAS STATION AREA
DECEMBER 1993

SALMON SITE
LAMAR COUNTY, MISSISSIPPI

2.0 Trenching

All trenching activities were conducted in accordance with Field Operating Procedure 14, Test Pit/Trench Excavation and Sampling (DOE, 1992), the *Salmon Site Test Pit Excavation Health and Safety Plan* (DOE, 1993), and IT Policy HS307, Excavation and Trenching. Trench locations were identified using the survey grid established during the geophysical investigation. Prior to excavation, all access roads to the REEC pits area were blocked, the work area was surveyed by the site biologist for tortoise burrows, cleared of obstructions, and an exclusion zone was established. Level C personal protective equipment was required at the beginning of the job, this consisted of air-purifying respirators, poly-Tyvek jumpsuits, and double gloves in addition to the standard Level D requirements of safety glasses, hard hat, and hard toed shoes. After excavating the first three trenches, the site health and safety officer evaluated the real-time health and safety monitoring data and downgraded personal protective equipment requirements to Level D. At the onset of excavation for each trench, and at regular intervals thereafter, the health and safety technician surveyed the hole for organic vapors, gross radiological contamination, and noise levels. None of these parameters exceeded the predetermined health and safety limits.

Except as noted, trenches were approximately 60 centimeters (cm) [24 inches (in.)] wide, up to 18.3 meters (m) [60 feet (ft)] long and ranged in depth from 1.8 m to 4.6 m (6 ft to 15 ft). Excavation was controlled by the site supervisor, who maintained visual contact with the backhoe operator. Excavated soil was placed on visquine.

After completion of a trench, the backhoe bucket, shovels, and other equipment that came into contact with excavated soil were decontaminated using a high-pressure steam cleaner to wash soil back into the trench. The decontaminated equipment was then surveyed for gross contamination. The spoils pile was covered with visquine and the trench was fenced with construction fencing as an additional safety measure and to prevent entry by gopher tortoises or small mammals.

Following the completion of sampling, the test pits were closed by backfilling the trenches with the excavated soil and grading the surface.

3.0 Sampling

During excavation of the anomalies, one to three soil samples were collected from each trench. The intent was to collect a soil sample from immediately below the material that caused the anomaly or from obviously stained areas in the trenches. Thirty-three samples were collected and analyzed for volatile organic compounds (VOC), base-neutral-acid (BNA) extractable compounds (semivolatile organic compounds), gross alpha (α) and beta (β) radiation, gamma spectroscopy (γ), metals (MET), and cyanide (CN). Additional analytes were added either because of what the trench was excavated to determine or because of what was found once the trench was excavated. Trenches 18 and 19 were conducted to try and locate the source of the tritium (^3H) found in the stream below Disposal Area 5, trench 2 uncovered a burn pit so the four samples from that trench were also analyzed for dioxin/furan (DIOX), and 26 of the trenches uncovered diesel based drilling mud, so they were analyzed for total petroleum hydrocarbons (TPA). The thirty-three soil samples were collected and shipped to the ITAS laboratory in St. Louis for analysis. A list of the samples and the requested analyses is provided in Table 3-1.

Sample numbers follow the general form TRX-ES-XXXN-YYYE-ZZZ, where:

- TRX is the trench number
- ES is the excavated soil
- XXXN is the geophysical grid coordinate north
- YYYE is the geophysical grid coordinate east
- ZZZ is the depth, in ft, of sample below the surface.

After the first six samples were collected, the sample identification was simplified by dropping the "N" in "XXXN," the "E" in "YYYE," and two "Zs" in "ZZZ." It is understood that the northing is stated first, followed by the easting and the depth. Sample identification numbers with "MS," "MSD," or "Dup" at the end are quality control samples. Two samples, one each from Trenches 18 and 19, are exceptions to this format. Because surface conditions prevented the actual excavation of the trenches, samples TR18-BS-90-150A-E and TR19-BS-0-150A-E were composited from five auger holes at each site.

Several samples were mislabeled as to the geophysical survey grid coordinates. In order to prevent confusion, the sample numbers were not changed, however, the actual collection coordinates are provided in Appendix A.

Table 3-1
Samples Collected from Test Pit Excavations
December 8 to 17, 1993

Trench	Date	Sample	Analysis
TR1	12/8/93	TR1-ES-001	VOC ^a , BNA ^b , α ^c , β ^d , γ ^e , MET ^f , CN ^g
TR2	12/9/93	TR2-ES-355N-175E-5Z	VOC, BNA, α, β, γ, MET, CN, DIOX ^h
TR2	12/9/93	TR2-ES-356N-175E-8Z	VOC, BNA, α, β, γ, MET, CN, DIOX
TR2A	12/9/93	TR2A-ES-365N-200E-3.5Z	VOC, BNA, α, β, γ, MET, CN, DIOX
TR2A	12/9/93	TR2A-ES-360N-200E-8Z	VOC, BNA, α, β, γ, MET, CN, DIOX
TR3	12/9/93	TR3-ES-450N-400E-3Z*	VOC, BNA, TPH ⁱ , MET, α, β, γ, CN
TR3	12/9/93	TR3-ES-430N-400E-15Z*	VOC, BNA, TPH, MET, α, β, γ, CN
TR4	12/10/93	TR4-ES-260-490-8	VOC, BNA, TPH, MET, α, β, γ, CN
TR5	12/13/93	TR5-ES-590-570-12	VOC, BNA, TPH, MET, α, β, γ, CN
TR6	12/14/93	TR6-ES-495-585-12*	VOC, BNA, TPH, MET, α, β, γ, CN
TR6	12/14/93	TR6-ES-485-590-6*	VOC, BNA, TPH, MET, α, β, γ, CN
TR7	12/13/93	TR7-ES-558-650-5	VOC, BNA, TPH, MET, α, β, γ, CN
TR7	12/13/93	TR7-ES-560-650-14	VOC, BNA, TPH, MET, α, β, γ, CN
TR8	12/11/93	TR8-ES-780-600-3	VOC, BNA, TPH, MET, α, β, γ, CN
TR8	12/13/93	TR8-ES-780-600-3-MS	VOC, BNA, TPH, MET, α, β, γ, CN
TR8	12/13/93	TR8-ES-780-600-3-MSD	VOC, BNA, TPH, MET, α, β, γ, CN
TR8	12/13/93	TR8-ES-780-600-3-DUP	VOC, BNA, TPH, MET, α, β, γ, CN
TR10	12/10/93	TR10-ES-180-790-15	VOC, BNA, TPH, MET, α, β, γ, CN
TR10	12/10/93	TR10-ES-190-790-8	VOC, BNA, TPH, MET, α, β, γ, CN
TR11	12/15/93	TR11-ES-180-930-3	VOC, BNA, TPH, MET, α, β, γ, CN
TR13	12/14/93	TR13-ES-210-1110-6	VOC, BNA, TPH, MET, α, β, γ, CN
TR13	12/14/93	TR13-ES-212-1150-6	VOC, BNA, TPH, MET, α, β, γ, CN
TR14	12/14/93	TR14-ES-80-1189-5	VOC, BNA, TPH, MET, α, β, γ, CN
TR14	12/14/93	TR14-ES-90-1200-3	VOC, BNA, TPH, MET, α, β, γ, CN
TR15	12/15/93	TR15-ES-20-1180-.5*	VOC, BNA, TPH, MET, α, β, γ, CN
TR15	12/15/93	TR15-ES-20-1180-.5-MS*	VOC, BNA, TPH, MET, α, β, γ, CN
TR15	12/15/93	TR15-ES-20-1180-.5-MSD*	VOC, BNA, TPH, MET, α, β, γ, CN
TR15	12/15/93	TR15-ES-20-1180-.5-DUP*	BNA, TPH, MET, α, β, γ, CN
TR16	12/15/93	TR16-ES-200-80-1.5	VOC, BNA, TPH, MET, α, β, γ, CN
TR17	12/16/93	TR17-ES-30-120-5	VOC, BNA, TPH, MET, α, β, γ, CN
TR17	12/16/93	TR17-ES-30-125-8	VOC, BNA, TPH, MET, α, β, γ, CN
TR18	12/17/93	TR18-BS-90-150A-E	VOC, BNA, MET, α, β, γ, CN, ³ H ^j
TR19	12/17/93	TR19-BS-0-150A-E*	VOC, BNA, TPH, MET, α, β, γ, CN, ³ H

*See Appendix A for notes regarding sample identification.

^a Volatile organic compounds

^b Base-neutral/acid extractable compounds

^c Gross alpha radiation

^d Beta radiation

^e Gamma spectroscopy

^f Metals

^g Cyanide

^h Dioxin/furan compounds

ⁱ Total petroleum hydrocarbons

^j Tritium

4.0 Results

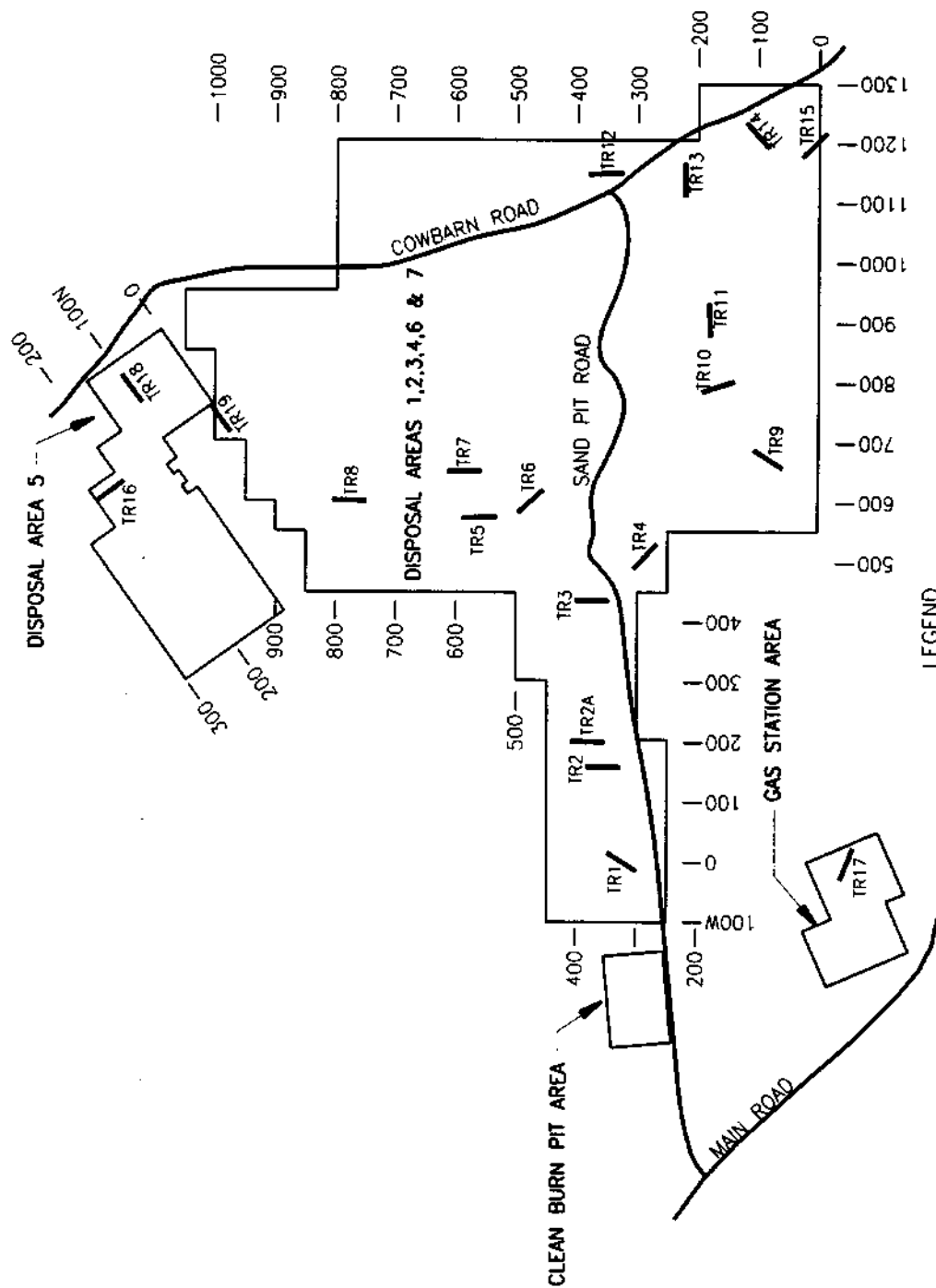
The sections below describe the excavation and sampling activities and the results of the excavation activities. Analytical results from the soil sampling are discussed in Section 5.0 and the results are summarized in Table 5-2. Sample collection logs are included in Appendix K.

4.1 Trench 1

Trench 1 was excavated in a north-south direction across the west end of a large, linear anomaly on the west side of the REECo pits grid (Figures 1-2 and 4-1). The excavated trench was approximately 18.3 m (60 ft) long and 3.6 m (12 ft) deep at its deepest point. Portions of field fencing, barbed wire, and fence posts were encountered at a depth of approximately 1 m (3 ft) at grid location 330 north (N), 10 east (E). Excavation continued to the south, where additional fencing materials, cinder blocks, and steel cable were unearthed. The bulk of the cable was braided and unsheathed, although several lengths of sheathed electrical-type cable were also unearthed. Sample TR1-ES-001 was collected from a depth of 1 to 1.2 m (3 to 4 ft), immediately below the main mass of cable. This sample was analyzed for VOC, BNA, MET, CN, α , β , and γ .

4.2 Trench 2

Trench 2 was excavated in a north-south direction across the eastern portion of the same anomaly as Trench 1 (Figure 4-1). Trench excavation was from north to south. The trench was approximately 15.2 m (50 ft) long and 3 m (10 ft) deep. Immediately below the surface [less than 0.3 m (1 ft)], small pieces of wire, sheet metal, and fencing were encountered. Discolored soil was encountered at a depth of approximately 1.5 m (5 ft). This soil was dark brown to black, while native soil is red to red orange. Sample TR2-ES-355N-175E-5Z was collected at this location. As work continued, the excavated soil became more discolored and the litter included pieces of wire, broken glass, and assorted charred debris. The excavation revealed a buried burn pit approximately 7.6 m (25 ft) wide. The base of the pit ranges from 1.8 m to 2.4 m (6 ft to 8 ft) below the present ground surface and is readily identifiable because of the layer of burned material. Sample TR2-ES-356N-175E-8Z was collected for analysis from the more discolored soils. Requested analyses were for VOC, BNA, MET, CN, α , β , and γ . Due to the presence of burned cables and wire, additional analyses for DIOX were also requested.



LEGEND

TR17 TRENCH LOCATION

EXTERIOR BOUNDARY AT GEOPHYSICAL SURVEY GRIDS

GRID COORDINATES IN FEET FROM ARBITRARY ZERO POINT

FIGURE 4-1
TRENCH LOCATIONS
REECO PITS AREA
SALMON SITE
LAMAR COUNTY MISSISSIPPI

4.3 Trench 2A

Trench 2A was excavated to the east of, and parallel to, Trench 2 in an effort to ascertain the lateral extent of the burn pit (Figure 4-1). Trench 2A was approximately 12.2 m (40 ft) long and 3 m (10 ft) deep. Discolored soil was first found at a depth of approximately 1 m (3 ft) below ground surface (bgs). The base of the burn pit in this trench was identified at approximately 1.8 m (6 ft) bgs by strongly discolored soil and a layer of small pieces of wire, broken glass, and metallic material. Two samples, TR2A-ES-365N-200E-3.5Z and TR2A-360N-200E-8Z, were collected from this trench. Requested analyses were the same as those requested for Trench 2.

4.4 Trench 3

Trench 3 was excavated in a north-south direction across an anomaly on the west side of the REECo pits grid (Figure 4-1). The trench was approximately 12.2 m (40 ft) long and 4.6 m (15 ft) deep. Approximately 0.6 m (2 ft) bgs the soil changed from red orange to dark gray to black, and had a strong diesel odor. Excavated material had a submetallic luster when wet and there was a dark-black fibrous material, presumed to be lignite, interspersed throughout. The ground was saturated and the walls sloughed nearly as fast as the trench could be excavated. The condition of the trench prevented certain identification of the base of the discolored soil, which is apparently at a depth greater than 4.6 m (15 ft). The lateral discoloration appears to continue north beyond grid location 400N and end at approximately 360N at its south end. The excavated discolored material is presumed to be drilling mud. Although several pieces of cement block were uncovered, no readily identifiable metallic objects were uncovered that could account for the magnetic gradient anomaly. Samples TR3-ES-450N-400E-3Z and TR3-ES-430N-400E-15Z were collected from this trench. Requested analyses included VOC, BNA, TPH, MET, CN, α , β , and γ .

4.5 Trench 4

Trench 4 was excavated in a southeast-northwest direction immediately to the south of Sand Pit Road along the western edge of a large portion of the geophysical survey grid (Figure 4-1). The trench was approximately 15.2 m (50 ft) long and 3 m to 3.6 m (10 ft to 12 ft) deep. A light-gray to gray-brown, sticky clay was encountered 1 m (3 ft) bgs. Because of a local high water table, water flowed into the excavation almost immediately upon removal of the second or third backhoe bucket. As excavation continued, the soil became blacker and more unstable. The material excavated at this trench also appeared to be drilling

mud. Braided cable was encountered at a depth of 2.4 m (8 ft) near the northwest end of the trench; Sample TR4-ES-260N-490E-8Z was taken from this depth. The analyses requested for Trench 3 were repeated for this trench.

4.6 Trench 5

Trench 5 was excavated in a north-south direction in the central portion of the REEC pits grid (Figure 4-1). The trench was approximately 9.1 m (30 ft) long and 3.6 m (12 ft) deep. Black mud with a sulfurous odor was encountered approximately 1 m (3 ft) bgs and a wooden fence post was encountered at 1.5 m (5 ft). A short section of braided cable found immediately below the ground surface toward the south end of the trench is presumed to have caused the anomaly. Sample TR5-ES-590-570-12 was collected at the base of the discolored soil. Requested analyses were the same as those for Trench 3.

4.7 Trench 6

Trench 6 was excavated in a southeasterly direction beginning at a point approximately 21.3 m (70 ft) southeast of the south end of Trench 5 (Figure 4-1). The total length of the trench was approximately 15.2 m (50 ft) and 3.6 m to 4.6 m (12 ft to 15 ft) deep. At a depth of approximately 1 m (3 ft), a strong odor of sulfur was noted. Black to dark-gray soil was excavated, along with abundant lignite. Sample TR6-ES-495-585-12 was collected 3.6 m (12 ft) from the bottom of the discolored zone. A gray, unsolidified, concrete-like material was excavated and sampled (TR6-ES-485-590-6). Requested analyses were the same as those for Trench 3.

Because no metallic material was encountered, concern was expressed that a ferric component to the drilling mud had possibly caused the anomaly. Because no magnetic anomaly was indicated to the east of Trench 6, a test hole was dug to determine whether the drilling mud had caused the anomaly; if so, none should be encountered at the "step out" (designated 6A in the field notes and not shown on Figure 4-1) from Trench 6. Drilling mud was encountered at 1.5 m (5 ft); therefore, it is unlikely that the drilling mud caused the magnetic anomaly. No sample was collected from Trench 6A.

4.8 Trench 7

Trench 7 was excavated in a north-south direction in the central portion of the REEC pits area (Figure 4-1). The total length of the trench was approximately 9.1 m long (30 ft) and

4.6 m (15 ft) deep. Drilling mud was encountered at a depth of approximately 1 m (3 ft) bgs. The ground at this location was saturated and the trench would not stay open. The excavated material had a "ropey" texture and a dull metallic luster. No metallic materials were encountered that could explain the geophysical anomaly. Two samples, TR7-ES-558-650-5 and TR7-ES-560-650-14, were collected from this trench. The second sample (TR7-ES-560-650-14) was collected from the base of the presumed drilling mud. Both samples were analyzed for the same constituents as those requested for Trench 3.

4.9 Trench 8

Trench 8 was excavated in the northwest portion of the main disposal area (Figure 4-1). The trench trended north to south and was approximately 15.2 m (50 ft) long and 3.6 m (12 ft) deep. Digging was difficult because soil in the area was apparently undisturbed. A piece of 3/4-in. braided cable was located approximately 8 cm (3 in.) below the surface. Samples TR8-ES-780-600-3, TR8-ES-780-600-3-MS, and TR8-ES-780-600-3-MSD, TR8-ES-780-600-3-DUP were collected from this location and analyzed for the same constituents as those requested for Trench 3.

4.10 Trench 9

Trench 9 was not excavated. The magnetic anomaly was explained after a reevaluation of the proposed location revealed the presence of a steel culvert.

4.11 Trench 10

Trench 10 was located in the south-central part of the main REECo disposal pits area (Figure 4-1) and was excavated in a northwest to southeast direction. The trench was approximately 18.3 m (60 ft) long and 4.6 m (15 ft) deep. Drilling mud was encountered between the depths of approximately 1.2 m and 4.3 m (4 ft and 14 ft). A short piece of thin-walled steel pipe, approximately 5 cm (2 in.) in diameter, was uncovered at the north end of the trench at a depth of 1.9 m (6 ft). Sample TR10-ES-180-790-15 was collected from below the drilling mud. A second sample, TR10-ES-190-790-8, which was taken from mid-depth, appeared to be 100 percent drilling mud. Requested analyses were the same as those requested for Trench 3.

4.12 Trench 11

Trench 11 was excavated in a west-east direction in the southern portion of the burial pits (Figure 4-1). The trench was approximately 12.2 m (40 ft) long and 3.6 m (12 ft) deep. This

trench uncovered several wooden fence posts, short pieces of field fencing, drilling mud, and a small piece of 5/8-in. braided cable. Trench 11 appeared to cross the eastern edge of a mud disposal pit. Sample TR11-ES-180-930-3 was collected and sent to the laboratory for the same analyses as those requested for Trench 3.

4.13 Trench 12

Trench 12 was not excavated because of its proximity to a tortoise burrow.

4.14 Trench 13

Trench 13 was excavated on the east edge of the burial pits, west of Cowbarn Road (Figure 4-1). The west end of the trench began at grid line 1,110E and was excavated in an easterly direction. At a depth of approximately 0.6 m (2 ft) bgs, a hard, fine-grained, gray, cement-like layer was encountered. Immediately below this layer, black soil and lignite with a strong sulfur odor were encountered. Sample TR13-ES-210-1110-6 was collected at this point. Additional gray material was unearthed as trench excavation continued to the east. The trench was extended approximately 15.2 m (50 ft) and widened to approximately 6.1 m (20 ft) because insufficient metallic materials were encountered to explain the anomaly. A small cable, a large coiled spring, and the head of a grease gun were uncovered. A second sample (TR13-ES-212-1150-6) was collected. Both samples were analyzed for the same constituents as those requested for Trench 3.

4.15 Trench 14

Trench 14 was excavated in the extreme southeastern corner of the REEC pits area southwest of Cowbarn Road (Figure 4-1). The trench trended northeast to southwest and was approximately 12.2 m (40 ft) long and 3 m (10 ft) deep. A short piece of steel pipe was uncovered at approximately 0.6 m (2 ft), and drilling mud was encountered at a depth of about 1 m (3 ft). Two samples were collected from this trench: Sample TR14-ES-90-1200-3 from beneath the pipe toward the southwest end of the trench and Sample TR14-ES-80-1189-5 from mid-depth at the southwestern end of the trench. The second sample contained more clay and sand and was much redder than previous samples. Both samples were analyzed for the same constituents as those requested for Trench 3.

4.16 Trench 15

Trench 15 was excavated in the extreme southeastern end of the REEC disposal pits (Figure 4-1). The trench trended northwest to southeast. The total length of the trench was

approximately 9.1 m (30 ft) and was excavated to a depth of 3 m (10 ft). The soil was found to be hard, red, and stratified and, therefore, presumed undisturbed. A short piece of cable was unearthed at a depth of .15 m (6 in.) bgs, and the following samples were collected from immediately below the cable: TR15-ES-20-1180-.5, TR15-ES-20-1180-.5-MS, TR15-ES-20-1180-.5-MSD, and TR15-ES-20-1180-.5-DUP. Requested analyses were the same as those requested for Trench 3.

4.17 Trench 16

Trench 16 was excavated on the small geophysical grid in Disposal Area 5 to the north of the main grid (Figure 4-1). A north-south trench was excavated to intersect a strong east-west trending anomaly. The trench was approximately 9.1 m (30 ft) long and 1.5 m (5 ft) deep. A large section of steel pipe [less than 30 cm (12 in.) in diameter] was uncovered and sample TR16-ES-200-80-1.5 was collected. No attempt was made to establish the lateral extent of the pipe. Requested analyses were the same as those requested for Trench 3.

4.18 Trench 17

Trench 17 was located in the "Gas Pump" area southwest of the main grid (Figure 4-1) and north of the main road. The strong anomaly for this trench was thought to indicate an underground storage tank (Figure 1-3). A trench was excavated adjacent to the suspected tank location to collect samples and information with minimal disturbance to the tank. A tank approximately 4.6 m (15 ft) long and 1.5 m (5 ft) in diameter was found. The excavation revealed that a large hole had been cut in its top and it was full of liquid and sediment. Stacks of landing mats were unearthed alongside the tank. Sample TR17-ES-30-120-5 was taken from the ground beside the tank and Sample TR17-ES-30-125-8 from the bottom of the trench at a depth of 0.6 m (2 ft) below the base of the tank. No sample was collected from the tank contents because the tank appeared to be filled with coarse gravel. Both samples were analyzed for the same constituents as those requested for Trench 3.

4.19 Trenches 18 and 19

Magnetic anomalies were not identified at either Trench 18 or Trench 19, but both were located at strategic points on the small grid to the north of the main disposal area (Figure 4-1). Trench 18 was installed at the base of an outcrop of the Citronelle Formation and Trench 19 was placed south of the headward erosion of the main drainage through the REEC pits area. The trenches were planned to attempt to locate the source of elevated

tritium levels found during U.S. Environmental Protection Agency sampling (Trench 18) and to check for the presence of drilling mud (Trench 19). However, the soft ground surface prevented access by a backhoe so five shallow auger holes were drilled on approximately 3-m (10-ft) centers at each location. Each hole was 1.2 m to 1.5 m (4 ft to 5 ft) deep and the last 30 cm (12 in.) of each hole was collected. The five samples from each trench were then composited to make samples TR18-BS-90-150A-E and TR19-BS-40A-E. Requested analyses were the same as those requested for Trench 3 with the addition of ^3H .

5.0 Analytical Results

Results of analyses from the trench soil samples indicate the presence of chemical, metal, dioxin/furans, and radiological constituents at levels that exceed the contract required detection limit (CRDL). These results are summarized in Table 5-1. The results for each sample are detailed in Appendices C through J. One sample delivery group, consisting of 14 samples (42%), was validated. Analytical results that exceeded the CRDL or the minimum detectable activity are highlighted by shading in the appendices. The requested analytical protocols and the methods used were:

• Semivolatile	Contract Laboratory Program (CLP) 88
• Volatile	CLP 88
• Dioxin	U.S. Environmental Protection Agency (EPA) 8280
• Metals	CLP 90
• Cyanide	CLP 90
• TPH	EPA 418.1
• Alpha/beta	Standard Method (SM) 7110
• Gamma scan	Health and Safety Laboratory (HASL) 300.0
• Tritium	Eastern Environmental Radiation Facilities (EERF) H.01

Findings included the detection of chromium and lead concentrations above the modified maximum contaminate concentration (MMCC). The metal concentrations in the analyzed samples were compared to requirements in Title 40, Code of Federal Regulations (CFR), Part 261.26 (DOE, 1990) toxicity characteristics for classifying hazardous wastes. The CFR specifies the maximum contaminate concentration (MCC) in milligrams per liter. Because a leachate is analyzed and not the soil sample, the results are not directly comparable. The toxicity characteristic leaching procedure (TCLP) specifies that 2,000 ml of liquid are to be used to extract the metals from 100 grams of soil. This leachate is then analyzed for the metal concentration. If 100 percent of the metal leaches, the concentration in the leachate will be diluted by a factor of 20 compared to the original concentration in the soil. In order to compare the TCLP MCC to the soil values expressed in milligrams per kilogram (mg/kg), the MCC should be multiplied by 20. This new value is then called the MMCC. Table 5-2 lists the metals, the MCC, and the MMCC.

TPH in excess of 100 mg/kg was detected in 10 of the samples. The majority of the chemical constituents identified, except the furans, appear to be related to the drilling mud.

Table 5-1
Summary of Analytical Results
 (Page 1 of 7)

Trench Number	Number of Samples	Metals	Organics	Radionuclides*	Dioxins/Furans
1	1	Hg, Al, Cr, Cu, Fe, Mn, Zn, and Pb exceeded CRDL ^a in Sample TR-ES-001.	<u>Volatiles:</u> No analytes exceeded the CRDL. <u>Semivolatiles:</u> No analytes exceeded the CRDL. <u>TPH^b:</u> (Total Petroleum hydrocarbons) ND^c	<u>Gross alpha:</u> The activity was below the reference sample value. <u>Gross beta:</u> The activity was below the reference sample value. <u>Gamma scan:</u> Pb-212 exceeded the reference sample value.	No analysis done.
2	2	As, Hg, Al, Ba, Cd, Ca, Cr, Cu, Fe, Mn, Mg, Ni, Ag, Va, Zn, and Pb exceeded the CRDL in both TR2-ES-355N-175E-5Z and TR2-ES-356N-175E-8Z. Co exceeded CRDL in TR2-ES-356N-175E-8Z.	<u>Volatiles:</u> Toluene was indicated in Sample TR2-ES-356N-175E-8Z. Two unknown compounds were identified in Sample TR2-ES-355N-175E-5Z and four in Sample TR2-ES-356N-175E-8Z. <u>Semivolatiles:</u> There were no detections for either of the samples. <u>TPH:</u> ND	<u>Gross alpha:</u> The activities were below the reference sample value. <u>Gross beta:</u> Activities were slightly above the reference sample value. <u>Gamma scan:</u> Pb-212 and Ra-226 exceeded the values for the reference sample in both samples and Cs-137 in TR2A-ES-356-175E-8Z.	No dioxins or furans were detected. Sample TR2-ES-355N-175E-5Z. TCDF ^d , HxCDF ^e , and HpCDF ^f were detected above CRDL in TR2-ES-356N-175E-8Z.
2A	2	Cr and Pb exceeded the MCC ^g in Sample TR2A-ES-360N-200E-3Z. Cr and Pb were detected above the CRDL in TR2A-ES-360N-200E-8Z.	<u>Volatiles:</u> Sample TR2A-ES-360N-200E-3 had one unknown; TR2A-ES-360N-200E-8Z had toluene below the CRDL and three unknown compounds. <u>Semivolatiles:</u> There were no exceedances of the MCC or detections above the CRDL. <u>TPH:</u> ND	<u>Gross alpha:</u> The activities were slightly above the reference sample. <u>Gross beta:</u> The activities for both samples exceeded the reference sample value. <u>Gamma scan:</u> Cs-137 was detected in sample 3.5Z at a level above that of the reference sample. Pb-212 and Ra-226 were detected in both samples at levels above those of the reference sample.	ND

See Footnotes at end of table.

Table 5-1
Summary of Analytical Results
 (Page 2 of 7)

Trench Number	Number of Samples	Metals	Organics	Radionuclides	Dioxins/Furans
3	2	There were no exceedances above the MMCC ^a for either sample.	<u>Volatiles:</u> There were no exceedances of the CRDL. Toluene and Xylene were detected below the CRDL in Sample TR3-ES-430N-400E-15Z. <u>Semivolatiles:</u> 2-Methylnaphthalene and Bis (2-Ethylhexyl)phthalate exceeded the CRDL in Sample TR3-ES-450N-400E-3Z. 2-Methylnaphthalene exceeded the CRDL and Naphthalene was detected below the CRDL in Sample TR3-ES-430-400E-15Z. <u>TPH:</u> Both samples had values that exceeded the CRDL.	<u>Gross Alpha:</u> The activity for one sample was slightly below and one slightly above the reference sample value. <u>Gross beta:</u> The activity for one sample was slightly below and one slightly above the reference sample value. <u>Gamma scan:</u> Ti-208 was detected at slightly elevated levels in both samples. Pb-212 was detected at a level above that of the reference sample in TR3-ES-430N-400E-15Z.	No analysis done.
4	1	There were no exceedances above the MMCC.	<u>Volatiles:</u> Carbon Disulfide, Toluene, and Xylene were detected at below the CRDL in Sample TR4-ES-260-490-8. <u>Semivolatiles:</u> Fluorene exceeded the CRDL. Naphthalene and Bis(2-Ethylhexyl)phthalate were detected below the CRDL. <u>TPH:</u> Exceeded the CRDL.	<u>Gross alpha:</u> The activities was slightly above the reference sample value. <u>Gross beta:</u> Activities for this sample were approximately twice reference value. <u>Gamma scan:</u> Ti-208 Pb-210, Pb-212, Ra-226, and Th-234 were detected at levels slightly above the reference sample.	No analysis done.
5	1	There were no exceedances above the MMCC.	<u>Volatiles:</u> There were no exceedances of the CRDL. <u>Semivolatiles:</u> 2-Methylnaphthalene exceeded the CRDL. Naphthalene and Fluorene were detected but below CRDL. <u>TPH:</u> Exceeded the CRDL.	<u>Gross alpha:</u> Activities exceeded that of the reference value. <u>Gross beta:</u> Activities exceeded that of the reference value. <u>Gamma scan:</u> Pb212 exceeded the values for the reference sample.	No analysis done.

See footnotes at end of table.

Table 5-1
Summary of Analytical Results
(Page 3 of 7)

Trench Number	Number of Samples	Metals	Organics	Radionuclides	Dioxins/Furans
6	2	There were no exceedances above the MMCC for either sample. Cr was above the CRDL in both samples.	<u>Volatiles:</u> There were no exceedances in either sample. Toluene was detected at below the CRDL in Sample TR6-ES-485-590-6. <u>Semivolatiles:</u> Fluorene was detected below the CRDL in Sample TR6-ES-495-585-12. There were 22 unknowns. No compounds exceeded the CRDL in Sample TR6-ES-485-590-6 but there were four unknowns. <u>TPH:</u> Both samples exceeded the CRDL.	<u>Gross alpha:</u> Activity for both samples exceeded the reference sample value. <u>Gross beta:</u> Activities for both samples were below the reference sample value. <u>Gamma scan:</u> Tl-208, Pb-212, Ra-226, Ra-228 were detected at levels which exceeded the reference sample value in TR6-ES-495-585-12. Pb-212 exceeded the reference sample value in TR6-ES-485-590-6.	No analysis done.
7	2	There were no exceedances of the MMCC for either sample. As, Cr, and Pb exceeded the CRDL.	<u>Volatiles:</u> Xylenes were detected at above the CRDL in Sample TR7-ES-560-650-14. Ethyl Benzene was detected but at below the CRDL. <u>Semivolatiles:</u> 2-Methylnaphthalene exceeded the CRDL in Sample TR7-ES-558-650-5. Fluorene and Phenanthrene were detected below the CRDL. Bis(2-Ethylhexyl)phthalate exceeded the CRDL in Sample TR7-ES-560-650-14. <u>TPH:</u> Both samples exceeded the CRDL.	<u>Gross alpha:</u> Activities for both samples exceeded the reference sample value. <u>Gross beta:</u> The activity for TR7-ES-558-650-5 exceeded the reference sample; activity for TR7-ES-560-650-14 exceeded the reference sample value by a factor of three. <u>Gamma scan:</u> Tl-208, Pb-212, Ra-226 were detected at levels that exceeded the reference sample value in both samples.	No analysis done.
8	1	There were no exceedances of the MMCC for either sample. As, Cr, and Pb exceeded the CRDL.	<u>Volatiles:</u> There were no exceedances of the CRDL. <u>Semivolatiles:</u> There were no exceedances of the CRDL. Benzoic acid was detected below the CRDL. <u>TPH:</u> Did not exceed the CRDL.	<u>Gross alpha:</u> The activity for both samples was approximately the same as in the reference sample. <u>Gross beta:</u> The activities for both samples were approximately the same as in the reference sample. <u>Gamma scan:</u> Pb-212 exceeded the reference sample value.	No analysis done.
9	0				

See footnotes at end of table.

Table 5-1
Summary of Analytical Results
(Page 4 of 7)

Trench Number	Number of Samples	Metals	Organics	Radionuclides	Dioxins/Furans
10	2	Cr exceeded the MMCC in Sample TR10-ES-190-790-8. As, Cr, and Pb exceeded the CRDL in both samples.	<u>Volatiles:</u> Xylene was detected above the CRDL in Sample TR10-ES-180-790-15. Both samples had numerous unknowns. <u>Semivolatiles:</u> There were no compounds that exceeded the CRDL in either sample. Sample TR10-ES-180-930-2 had eight unknowns. <u>TPH:</u> Both samples exceeded the CRDL.	<u>Gross alpha:</u> The activities for both samples were below the reference sample value. <u>Gross beta:</u> The activities for both samples were below the reference sample value. <u>Gamma scan:</u> Tl-208 and Pb-212 exceeded the reference sample value in TR10-ES-190-790-8.	No analysis done.
11	1	There were no exceedances of the MMCC. Cr and Pb exceeded the CRDL.	<u>Volatiles:</u> There were no exceedances of the CRDL. <u>Semivolatiles:</u> There were no compounds that exceeded the CRDL in this sample. <u>TPH:</u> Exceeded the CRDL.	<u>Gross alpha:</u> The activity exceeded the reference sample value. <u>Gross beta:</u> The activity was below the reference sample value. <u>Gamma scan:</u> Tl-208 and Pb-212 exceeded the values for the reference samples.	No analysis done.
12	0				

See footnotes at end of table.

Table 5-1
Summary of Analytical Results
(Page 5 of 7)

Trench Number	Number of Samples	Metals	Organics	Radionuclides	Dioxins/Furans
13	2	Cr exceeded the MMCC in Sample TR13-ES-212-1150-6. Cr and Pb were detected above the CRDL in both samples.	<u>Volatiles</u> Tetrachloroethane was identified above the CRDL in both samples. Trichloroethane, 1,1,2,2, - Tetrachloroethane, Ethyl Benzene and Xylene were detected in Sample TR13-ES-212-1150-6. Toluene was detected below the CRDL. <u>Semivolatiles:</u> 2-methylnaphthalene was detected at levels above the CRDL in both samples. Naphthalene was detected in both samples at below the CRDL. Fluorene and Phenanthrene were detected at below the CRDL in Sample TR13-ES-212-1150-6. There were 22 unknown or associated compounds in this sample. <u>TPH:</u> Both samples exceeded the CRDL.	<u>Gross alpha:</u> The activity for sample TR13-ES-210-1110-6 was below the reference sample value. The activity for TR13-ES-212-1150-6 exceeded the reference sample value. <u>Gross beta:</u> The activities for both samples were below the reference sample value. <u>Gamma scan:</u> Pb-212 exceeded the values for the reference samples in both samples.	No analysis done.
14	2	There were no values in excess of the MMCC for either sample. Cr and Pb were detected above the CRDL in both samples.	<u>Volatiles:</u> There were no exceedances of the CRDL in either sample. <u>Semivolatiles:</u> 2-Methylnaphthalene was detected but below CRDL in Sample TR14-ES-80-1189-5 along with 12 unknowns. Bis(2-Ethylhexyl)phthalate was detected below the CRDL in Sample TR14-ES-90-1200-3. <u>TPH:</u> Neither sample exceeded CRDL.	<u>Gross alpha:</u> The activity for sample TR14-ES-80-1189-5 exceeded the reference sample value. Activity for sample TR14-ES-90-1200-3 was below the value for the reference sample. <u>Gross beta:</u> The activity for sample TR14-ES-80-1189-5 exceeded the reference sample value. Activity for sample TR14-ES-90-1200-3 was below the reference sample value. <u>Gamma scan:</u> Pb212 exceeded the values for the reference sample. TR14-ES-80-1189-5 was the only sample to have a detection of U²³⁵.	No analysis done.

See footnotes at end of table.

Table 5-1
Summary of Analytical Results
 (Page 6 of 7)

Trench Number	Number of Samples	Metals	Organics	Radionuclides	Dioxins/Furans
15	2	There were no values above the MMCC for either sample. As, Cr, and Pb exceeded the CRDL for both samples.	<u>Volatiles:</u> There were no exceedances of the CRDL in either sample. <u>Semivolatiles:</u> There were no exceedances of the CRDL. There were 22 unknowns. <u>TPH:</u> Sample exceeded CRDL.	<u>Gross alpha:</u> The activities for both samples exceeded the reference sample value. <u>Gross beta:</u> The activities for both samples were below the reference sample value. <u>Gamma scan:</u> Th-208, Ra-226 were detected above the reference sample values in TR15-ES-20-1180-5 and Pb-212 was detected above the reference sample value in both.	No analysis done.
16	1	There were no values that exceeded the MMCC. CR and Pb exceeded the CRDL.	<u>Volatiles:</u> There were no exceedances of the CRDL. <u>Semivolatiles:</u> There were no exceedances of the CRDL. Phenanthrene, Fluoranthene, Pyrene, and bis (2-Ethylhexyl)phthalate were detected below the CRDL. <u>TPH:</u> Below CRDL.	<u>Gross alpha:</u> The activity for this sample exceeded the reference sample value. <u>Gross beta:</u> The activity for this sample was below the reference sample value. <u>Gamma scan:</u> Pb-212 exceeded the reference sample value.	No analysis done.
17	2	There were no exceedances of the MMCC. As, Cr, and Pb exceeded the CRDL. The concentration of Pb in Sample TR17-ES-30-125-8 was the highest of any sample.	<u>Volatiles:</u> There were no exceedances of the CRDL in either sample. <u>Semivolatiles:</u> There were no exceedances of the CRDL in either sample. Bis (2-Ethylhexyl)phthalate was detected below the CRDL in Sample TR17-ES-30-125-8. <u>TPH:</u> Did not exceed the CRDL.	<u>Gross alpha:</u> The activities for both samples exceeded the reference sample value. <u>Gross beta:</u> The activity for sample TR17-ES-30-120-5 was below the reference sample and TR17-ES-30-125-8 was above the reference sample value. <u>Gamma scan:</u> Tl-208 and Pb-212 exceeded the reference sample values in both samples. Ra-226 and Th-234 were detected above the reference value in TR17-ES-30-125-8.	No analysis done.

See footnotes at end of table.

Table 5-1
Summary of Analytical Results
 (Page 7 of 7)

Trench Number	Number of Samples	Metals	Organics	Radionuclides	Dioxins/Furans
18	1	There were no exceedances of the MMCC. Cr and Pb exceeded the CRDL.	<u>Volatiles:</u> There were no exceedances of the CRDL. <u>Semivolatiles:</u> There were no exceedances of the CRDL. <u>TPH:</u> ND	<u>Gross alpha:</u> Activities for sample TR18-BS-90-150-A-E was above the reference sample value. <u>Gross beta:</u> Activities were below the reference sample value. <u>Gamma scan:</u> Th-208, Pb-210, Pb-212, and Ra-226 were detected above the reference sample values. <u>Tritium:</u> Activities were well below the MDA for this sample.	No analysis done.
19	1	There were no exceedances of the MMCC. As, Cr, and Pb exceeded the CRDL.	<u>Volatiles:</u> There were no exceedances of the CRDL. <u>Semivolatiles:</u> There were no exceedances. <u>TPH:</u> Exceeded the CRDL.	<u>Gross alpha:</u> Activities for Sample TR19-BS-0-150-A-E was above the reference sample value. <u>Gross beta:</u> Activities were below the reference sample value. <u>Gamma scan:</u> Pb-212 and Ra-226 exceeded the reference sample values. <u>Tritium:</u> Activities were well below the MDA for this sample.	No analysis done.

* CRDL Contract required detection limits

^b TPH Total petroleum hydrocarbons

^c ND Not detected

^d TCDF Tetrachlorodibenzofuran

^e HxCDF Hexachlorodibenzofuran

^f HpCDF Heptachlorodibenzofuran

^g MCC Maximum contaminant concentration

^h MMCC Modified maximum contaminant concentration

ⁱ Trench was not excavated - blank cells indicate no data

* Note: Reference sample REFC-19-SS collected March 1993 (DOE, 1994a)

Ag = silver	Cr = chromium	Pb = lead
Al = aluminum	Cu = copper	Tl = thallium
As = arsenic	Fe = iron	Th = thorium
Ba = barium	Hg = mercury	Ra = radium
Ca = calcium	Mn = manganese	U = uranium
Cd = cadmium	Mg = magnesium	Va = vanadium
Cn = cyanide	Na = sodium	Zn = zinc
Co = cobalt	Ni = nickel	

Table 5-2
Soil Waste Standards (Metals)

Element	Maximum Contaminant Concentration (mg/l)	Modified Maximum Contaminant Concentration (mg/l)
Arsenic (As)	5.0	100.0
Barium (Ba)	100.0	2000.0
Cadmium (Cd)	1.0	20.0
Chromium (Cr)	5.0	100.0
Lead (Pb)	5.0	100.0
Mercury (Hg)	0.2	4.0
Selenium (Se)	1.0	20.0
Silver (Ag)	5.0	100.0

Drilling mud consists of four basic components: (1) a liquid phase; (2) colloid phase; (3) inert solid phase; and (4) a chemical phase. The liquid phase is normally water (i.e., fresh, brackish, or saline, or less commonly oil or a polymer/emulsion). The colloid phase is principally clay, most commonly bentonite, and is used to increase the viscosity of the liquid. The inert solid phase is used to increase the density of the drilling fluid and/or limit the loss of fluid into cracks, crevices, or pores in the rocks while drilling. Chemicals are added to increase or decrease the viscosity, change the rheologic properties, improve lubrication, or limit corrosion of drilling equipment. The chemicals generally work by altering ionic exchanges, with typical examples being soda ash, sodium hydroxide, or sodium bicarbonate. Organic thinners typically are phosphates, lignites or heavy metal lignosulfonates (ferro-chrome lignosulfonate) used to control flocculation of solids and viscosity. Often diesel oil is added to the drilling mud to improve lubrication, limit flocculation of the colloids, and prevent hydration of shale and clay formations. In regions like Tatum Dome, where salt beds or domes are penetrated, the diesel oil limits the dissolution of the salt by the drilling mud.

The volatile and semivolatile organic constituents identified are either extracts from the lignite (coal) in the drilling mud or solvents. The only exception is the bis (2-Ethylhexyl) phthalate used in vacuum pumps and is probably a laboratory contaminant.

A complete list of those radionuclides included in the gamma spectroscopy analysis is given in Table 5-3. The results of the gamma spectroscopy were compared to those of a reference soil sample collected in conjunction with previous activities at the Salmon Site (DOE, 1994b). The reference sample was collected from an off-site location near the Salmon Site, which is believed to not have been affected by the testing activities at Salmon Site. The values for each radionuclide detected in the reference sample are listed in Table 5-4. Trench samples whose radionuclide activities exceeded those of the reference sample are listed in the "radionuclides" column of Table 5-2. Gross alpha and beta activities for the reference sample were 8.34 and 12.79 pCi/g, respectively.

Table 5-3
Radionuclides Included in the Gamma Spectroscopy Analysis^a

Radionuclide	Symbol	Mass	Radionuclide	Symbol	Mass
Beryllium 7	Be-7	7	Barium 131	Ba-131	131
Sodium 22	Na-22	22	Barium 133	Ba-133	133
Sodium 24	Na-24	24	Barium 140	Ba-140	140
Potassium 40	K-40	40	Lanthanum 140	La-140	140
Scandium 46	Sc-46	46	Cerium 139	Ce-139	139
Vanadium 48	V-48	48	Cerium 141	Ce-141	141
Chromium 51	Cr-51	51	Cerium 144	Ce-144	144
Manganese 54	Mn-54	54	Europium 152	Eu-152	152
Iron 59	Fe-59	59	Europium 154	Eu-154	154
Cobalt 56	Co-56	56	Europium 155	Eu-155	155
Cobalt 57	Co-57	57	Gadolinium 153	Gd-153	153
Cobalt 58	Co-58	58	Iridium 192	Ir-192	192
Cobalt 60	Co-60	60	Mercury 203	Hg-203	203
Nickel 65	Ni-65	65	Thallium 208	Tl-208	208
Zinc 65	Zn-65	65	Lead 210	Pb-210	210
Selenium 75	Se-75	75	Lead 211	Pb-211	211
Strontium 85	Sr-85	85	Lead 212	Pb-212	212
Yttrium 88	Y-88	88	Bismuth 207	Bi-207	207
Zirconium 95	Zr-95	95	Bismuth 212	Bi-212	212
Niobium 95	Nb-95	95	Bismuth 214	Bi-214	214
Technetium 99M	Tc-99M	99	Radium 223	Ra-223	223
Ruthenium 103	Ru-103	103	Radium 224	Ra-224	224
Ruthenium 106	Ru-106	106	Radium 226	Ra-226	226
Silver 110M	Ag-110M	110	Radium 228	Ra-228	228
Cadmium 109	Cd-109	109	Actinium 227	Ac-227	227
Tin 113	Sn-113	113	Thorium 228	Th-228	228
Antimony 124	Sb-124	124	Thorium 230	Th-230	230
Antimony 125	Sb-125	125	Thorium 234	Th-234	234
Iodine 129	I-129	129	Proactinium 231	Pa-231	231
Iodine 131	I-131	131	Proactinium 234	Pa-234	234
Iodine 133	I-133	133	Uranium 234	U-234	234
Cesium 134	Cs-134	134	Uranium 235	U-235	234
Cesium 137	Cs-137	137	Americium 241	Am-241	241

^a IT Corporation, St. Louis, 1993, SL13030

Table 5-4
Radionuclide Activities for Soil Sample REFC-19-SS^a, Salmon Site

Radionuclide	Activity (pCi/g)	Radionuclide	Activity (pCi/g)
Cesium 137	0.24	Uranium 234	ND ^b
Potassium 40	2.70	Uranium 235	ND
Lead 212	0.31	Bismuth 214	ND
Radium 226	0.46	Protactinium 234	ND
Radium 228	0.47	Thorium 234	ND
Thallium 208	0.13	Cd-109	ND
Uranium 238	0.60	Strontium 85	ND
Lead 210	1.23	Yttrium 88	ND
Radium 224	0.43	Cerium 144	ND
Radium 223	0.16	Thorium 230	ND
Thorium 228	ND	Bismuth 212	0.32
Protactinium 231	ND	Iodine 131	ND
Tin 113	ND	Beryllium 7	ND
Mercury 203	ND		

^a Sample collected March 1993 (DOE, 1994a)

^b ND = nondetected

6.0 References

Code of Federal Regulations, 1990, *Title 40, "Protection of Environment,"* U.S. Government Printing Office, Washington, DC.

DOE, See U.S. Department of Energy

U.S. Department of Energy, 1992, *Remedial Investigation and Feasibility Study of the Tatum Dome Test Site, Lamar County, Mississippi*, Final Work Plan, Washington, DC.

U.S. Department of Energy, 1994a, *Draft Geophysical Investigation, Salmon Site, Lamar County, Mississippi*, Washington, DC.

U.S. Department of Energy, 1994b, *Draft Preliminary Data Report of Investigations Conducted at the Salmon Site, Lamar County, Mississippi*, Washington, DC.

U.S. Department of Energy, Nevada Operations Office, 1993, *Salmon Site Test Pit Excavation Site-Specific Health and Safety Plan*, Las Vegas, NV.

Appendix A

Corrected Sample Locations

Corrected Sample Locations

Trench	Sample	Actual Location ^a
3	TR3-ES-450N-400E-3Z	395N-430E-3Z
3	TR3-ES-430N-400E-15Z	380N-430E-15Z
6	TR6-ES-495-585-12	495N-595E-12
6	TR6-ES-485-590-6	485N-605E-6
15	TR15-ES-20-1180-.5 TR15-ES-20-1180-.5MS TR15-ES-20-1180-.5MSD TR15-ES-20-1180-.5DUP	TR15-ES-0-1180-.5 TR15-ES-0-1180-.5MS TR15-ES-0-1180-.5MSD TR15-ES-0-1180-.5DUP
19	TR19-BS-0-150A-E	0N-40EA-E

^a Coordinates are in feet and reference the geophysical survey grid established in November 1992 and April 1993.

Appendix B
List of Applicable Terms, Letters, or Symbols
Found in Data Analyses Tables

Appendix B

Explanation of Terms Used in Data Tables

Terms (letters or symbols) found in the Data Tables are explained below.

CRDL	Contract required detection limit.
MDA	Minimum detectable activity.
RE	Following the sample number indicates a laboratory re-extraction.
DIL	Following the sample number indicates a laboratory dilution.
UG/KG	Micrograms per kilogram.
pCi	picocurie.

Organic Compounds

B	Analyte was found in associated blank as well as in sample.
DATA QUAL	Data qualifier.
Dup	Indicates sample is a duplicate.
E	Concentrations exceed the calibration range of the Gas Chromatograph/Multispectral Scanner (GC/MS).
J	Reported result is quantitatively estimated.
MS	Indicates that the sample is a matrix spike sample.
MSD	Indicates that the sample is a matrix spike duplicate.
NJ	There is presumptive evidence that a Tentatively Identified Compound (TIC) is present at an estimated concentration.
U	Compound was analyzed for but not detected.
UJ	Reported quantitation limit is qualified as non-detect.
X	Data entered manually.
"■"	Shaded entry indicates that the reported value exceeds the Contract Required Detection Limit (CRDL).

Inorganic Compounds

B	The reported value is below the CRDL but above the Instrument Detection Limit (IDL).
DATA QUAL	Data qualifier.
Dup	Indicates sample is a duplicate.
E	ICP dilution %D is out of control limits.
J	Reported result is quantitatively estimated.
MS	Indicates that the sample is a matrix spike.

MSD	Indicates that the sample is a matrix spike duplicate.
N	Spiked sample recovery not within control limits.
NJ	There is presumptive evidence that a TIC is present at an estimated concentration.
R	Reject, data is qualified as unusable.
S	The reported value was determined by Method of Standard Addition.
U	Compound/element was analyzed for but not detected.
UJ	Reported non-detect result is qualified as estimated.
W	Post digestion spike for furnace Atomic Absorption Analysis is out of control limit.
X	Data entered manually.
"■"	Shaded entry indicates that the reported value exceeds the CRDL.

Radiochemical Compounds

Dup	Indicates sample is a duplicate.
J	Reported result is quantitatively estimated.
MDA	Minimum detectable activity.
ND	Recorded as non-detect since the result was below the Minimum Detectable Activity (MDA).
"_"	Single dash indicate not applicable.
U	Compound was not detected at specified detection limit.
UJ	Reported non-detect result is qualified as estimated.
"■"	Shaded entry indicates that the reported value exceeds the reference sample.

Appendix C
Results of Volatile Organic Compound Analyses

Appendix C: Results of Volatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL.	DATA VALID.	CRDL	UNITS	DILUTION
TR1-ES-001							
Chloromethane	10	UG/KG	U	---	10	UG/KG	1
Bromomethane	10	UG/KG	U	---	10	UG/KG	1
Vinyl Chloride	10	UG/KG	U	---	10	UG/KG	1
Chloroethane	10	UG/KG	U	---	10	UG/KG	1
Methylene Chloride	21	UG/KG	B	U	5	UG/KG	1
Acetone	35	UG/KG		UJ	10	UG/KG	1
Carbon Disulfide	5	UG/KG	U	---	5	UG/KG	1
1,1-Dichloroethene	5	UG/KG	U	---	5	UG/KG	1
1,1-Dichloroethane	5	UG/KG	U	---	5	UG/KG	1
1,2-Dichloroethene (total)	5	UG/KG	U	---	5	UG/KG	1
Chloroform	5	UG/KG	U	---	5	UG/KG	1
1,2-Dichloroethane	5	UG/KG	U	---	5	UG/KG	1
2-Butanone	10	UG/KG	U	UJ	10	UG/KG	1
1,1,1-Trichloroethane	5	UG/KG	U	---	5	UG/KG	1
Carbon Tetrachloride	5	UG/KG	U	---	5	UG/KG	1
Vinyl Acetate	10	UG/KG	U	---	10	UG/KG	1
Bromodichloromethane	5	UG/KG	U	---	5	UG/KG	1
1,2-Dichloropropane	5	UG/KG	U	---	5	UG/KG	1
cis-1,3-Dichloropropene	5	UG/KG	U	---	5	UG/KG	1
Trichloroethene	5	UG/KG	U	---	5	UG/KG	1
Dibromochloromethane	5	UG/KG	U	---	5	UG/KG	1
1,1,2-Trichloroethane	5	UG/KG	U	---	5	UG/KG	1
Benzene	5	UG/KG	U	---	5	UG/KG	1
trans-1,3-Dichloropropene	5	UG/KG	U	---	5	UG/KG	1
Bromoform	5	UG/KG	U	---	5	UG/KG	1
4-Methyl-2-Pentanone	10	UG/KG	U	---	10	UG/KG	1
2-Hexanone	10	UG/KG	U	---	10	UG/KG	1
Tetrachloroethene	5	UG/KG	U	---	5	UG/KG	1
1,1,2,2-Tetrachloroethane	5	UG/KG	U	---	5	UG/KG	1
Toluene	2	UG/KG	J	---	5	UG/KG	1
Chlorobenzene	5	UG/KG	U	---	5	UG/KG	1
Ethylbenzene	5	UG/KG	U	---	5	UG/KG	1
Styrene	5	UG/KG	U	---	5	UG/KG	1
Xylenes (total)	5	UG/KG	U	---	5	UG/KG	1
Unknown	5	UG/KG	J	---		UG/KG	1
Toluene-d8 (SURRE)	102	%				%	1
Bromofluorobenzene (SURRE)	95	%				%	1
1,2-Dichloroethane-d4 (SURRE)	100	%				%	1

Appendix C: Results of Volatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL.	DATA VALID.	CRDL	UNITS	DILUTION
TR2-ES-355N-175E-5Z							
Chloromethane	20	UG/KG	U	---	20	UG/KG	2
Bromomethane	20	UG/KG	U	---	20	UG/KG	2
Vinyl Chloride	20	UG/KG	U	---	20	UG/KG	2
Chloroethane	20	UG/KG	U	---	20	UG/KG	2
Methylene Chloride	33	UG/KG	B	U	10	UG/KG	2
Acetone	210	UG/KG		U	20	UG/KG	2
Carbon Disulfide	10	UG/KG	U	---	10	UG/KG	2
1,1-Dichloroethene	10	UG/KG	U	---	10	UG/KG	2
1,1-Dichloroethane	10	UG/KG	U	---	10	UG/KG	2
1,2-Dichloroethene (total)	10	UG/KG	U	---	10	UG/KG	2
Chloroform	10	UG/KG	U	---	10	UG/KG	2
1,2-Dichloroethane	10	UG/KG	U	---	10	UG/KG	2
2-Butanone	20	UG/KG	U	---	20	UG/KG	2
1,1,1-Trichloroethane	10	UG/KG	U	---	10	UG/KG	2
Carbon Tetrachloride	10	UG/KG	U	---	10	UG/KG	2
Vinyl Acetate	20	UG/KG	U	U	20	UG/KG	2
Bromodichloromethane	10	UG/KG	U	---	10	UG/KG	2
1,2-Dichloropropane	10	UG/KG	U	---	10	UG/KG	2
cis-1,3-Dichloropropene	10	UG/KG	U	---	10	UG/KG	2
Trichloroethene	10	UG/KG	U	---	10	UG/KG	2
Dibromochloromethane	10	UG/KG	U	---	10	UG/KG	2
1,1,2-Trichloroethane	10	UG/KG	U	---	10	UG/KG	2
Benzene	10	UG/KG	U	---	10	UG/KG	2
trans-1,3-Dichloropropene	10	UG/KG	U	---	10	UG/KG	2
Bromoform	10	UG/KG	U	---	10	UG/KG	2
4-Methyl-2-Pentanone	20	UG/KG	U	---	20	UG/KG	2
2-Hexanone	20	UG/KG	U	---	20	UG/KG	2
Tetrachloroethene	10	UG/KG	U	---	10	UG/KG	2
1,1,2,2-Tetrachloroethane	10	UG/KG	U	---	10	UG/KG	2
Toluene	5	UG/KG	J	---	10	UG/KG	2
Chlorobenzene	10	UG/KG	U	---	10	UG/KG	2
Ethylbenzene	10	UG/KG	U	---	10	UG/KG	2
Styrene	10	UG/KG	U	---	10	UG/KG	2
Xylenes (total)	10	UG/KG	U	---	10	UG/KG	2
Unknown-1	15	UG/KG	J	---		UG/KG	2
Unknown-2	31	UG/KG	BJ	R		UG/KG	2
Toluene-d8 (SURR)	109	%				%	2
Bromofluorobenzene (SURR)	92	%				%	2
1,2-Dichloroethane-d4 (SURR)	99	%				%	2

Appendix C: Results of Volatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL.	DATA VALID.	CRDL	UNITS	DILUTION
TR2-ES-356N-175E-8Z							
Chloromethane	20	UG/KG	U	---	20	UG/KG	2
Bromomethane	20	UG/KG	U	---	20	UG/KG	2
Vinyl Chloride	20	UG/KG	U	---	20	UG/KG	2
Chloroethane	20	UG/KG	U	---	20	UG/KG	2
Methylene Chloride	10	UG/KG	U	---	10	UG/KG	2
Acetone	350	UG/KG	B	J	20	UG/KG	2
Carbon Disulfide	10	UG/KG	U	---	10	UG/KG	2
1,1-Dichloroethene	10	UG/KG	U	---	10	UG/KG	2
1,1-Dichloroethane	10	UG/KG	U	---	10	UG/KG	2
1,2-Dichloroethene (total)	10	UG/KG	U	---	10	UG/KG	2
Chloroform	10	UG/KG	U	---	10	UG/KG	2
1,2-Dichloroethane	10	UG/KG	U	---	10	UG/KG	2
2-Butanone	20	UG/KG	U	---	20	UG/KG	2
1,1,1-Trichloroethane	10	UG/KG	U	---	10	UG/KG	2
Carbon Tetrachloride	10	UG/KG	U	---	10	UG/KG	2
Vinyl Acetate	20	UG/KG	U	---	20	UG/KG	2
Bromodichloromethane	10	UG/KG	U	---	10	UG/KG	2
1,2-Dichloropropane	10	UG/KG	U	---	10	UG/KG	2
cis-1,3-Dichloropropene	10	UG/KG	U	---	10	UG/KG	2
Trichloroethene	10	UG/KG	U	---	10	UG/KG	2
Dibromochloromethane	10	UG/KG	U	---	10	UG/KG	2
1,1,2-Trichloroethane	10	UG/KG	U	---	10	UG/KG	2
Benzene	10	UG/KG	U	---	10	UG/KG	2
trans-1,3-Dichloropropene	10	UG/KG	U	---	10	UG/KG	2
Bromoform	10	UG/KG	U	---	10	UG/KG	2
4-Methyl-2-Pentanone	20	UG/KG	U	---	20	UG/KG	2
2-Hexanone	20	UG/KG	U	---	20	UG/KG	2
Tetrachloroethene	10	UG/KG	U	---	10	UG/KG	2
1,1,2,2-Tetrachloroethane	10	UG/KG	U	---	10	UG/KG	2
Toluene	16	UG/KG		---	10	UG/KG	2
Chlorobenzene	10	UG/KG	U	---	10	UG/KG	2
Ethylbenzene	10	UG/KG	U	---	10	UG/KG	2
Styrene	10	UG/KG	U	---	10	UG/KG	2
Xylenes (total)	10	UG/KG	U	---	10	UG/KG	2
Unknown-1	66	UG/KG	J	---		UG/KG	2
Unknown-2	12	UG/KG	J	---		UG/KG	2
Unknown-3	26	UG/KG	J	---		UG/KG	2
Unknown-4	20	UG/KG	J	---		UG/KG	2
Toluene-d8 (SURR)	111	%				%	2
Bromofluorobenzene (SURR)	87	%				%	2
1,2-Dichloroethane-d4 (SURR)	101	%				%	2

Appendix C: Results of Volatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL.	DATA VALID.	CRDL	UNITS	DILUTION
TR2A-ES-365N-200E-3.5Z							
Chloromethane	10	UG/KG	U	---	10	UG/KG	1
Bromomethane	10	UG/KG	U	---	10	UG/KG	1
Vinyl Chloride	10	UG/KG	U	---	10	UG/KG	1
Chloroethane	10	UG/KG	U	---	10	UG/KG	1
Methylene Chloride	7	UG/KG	B	U	5	UG/KG	1
Acetone	64	UG/KG	B	U	10	UG/KG	1
Carbon Disulfide	5	UG/KG	U	---	5	UG/KG	1
1,1-Dichloroethene	5	UG/KG	U	---	5	UG/KG	1
1,1-Dichloroethane	5	UG/KG	U	---	5	UG/KG	1
1,2-Dichloroethene (total)	5	UG/KG	U	---	5	UG/KG	1
Chloroform	5	UG/KG	U	---	5	UG/KG	1
1,2-Dichloroethane	5	UG/KG	U	---	5	UG/KG	1
2-Butanone	10	UG/KG	U	---	10	UG/KG	1
1,1,1-Trichloroethane	5	UG/KG	U	---	5	UG/KG	1
Carbon Tetrachloride	5	UG/KG	U	---	5	UG/KG	1
Vinyl Acetate	10	UG/KG	U	---	10	UG/KG	1
Bromodichloromethane	5	UG/KG	U	---	5	UG/KG	1
1,2-Dichloropropane	5	UG/KG	U	---	5	UG/KG	1
cis-1,3-Dichloropropene	5	UG/KG	U	---	5	UG/KG	1
Trichloroethene	5	UG/KG	U	---	5	UG/KG	1
Dibromochloromethane	5	UG/KG	U	---	5	UG/KG	1
1,1,2-Trichloroethane	5	UG/KG	U	---	5	UG/KG	1
Benzene	5	UG/KG	U	---	5	UG/KG	1
trans-1,3-Dichloropropene	5	UG/KG	U	---	5	UG/KG	1
Bromoform	5	UG/KG	U	---	5	UG/KG	1
4-Methyl-2-Pentanone	10	UG/KG	U	---	10	UG/KG	1
2-Hexanone	10	UG/KG	U	---	10	UG/KG	1
Tetrachloroethene	5	UG/KG	U	---	5	UG/KG	1
1,1,2,2-Tetrachloroethane	5	UG/KG	U	---	5	UG/KG	1
Toluene	5	UG/KG	U	---	5	UG/KG	1
Chlorobenzene	5	UG/KG	U	---	5	UG/KG	1
Ethylbenzene	5	UG/KG	U	---	5	UG/KG	1
Styrene	5	UG/KG	U	---	5	UG/KG	1
Xylenes (total)	5	UG/KG	U	---	5	UG/KG	1
Toluene-d8 (SURR)	110	%				%	1
Bromofluorobenzene (SURR)	95	%				%	1
1,2-Dichloroethane-d4 (SURR)	105	%				%	1

Appendix C: Results of Volatile Organic Compound Analyses, Saimon Site

COMPOUND	RESULTS	UNITS	DATA QUAL.	DATA VALID.	CRDL	UNITS	DILUTION
TR2A-ES-360N-200E-8Z							
Chloromethane	10	UG/KG	U	---	10	UG/KG	1
Bromomethane	10	UG/KG	U	---	10	UG/KG	1
Vinyl Chloride	10	UG/KG	U	---	10	UG/KG	1
Chloroethane	10	UG/KG	U	---	10	UG/KG	1
Methylene Chloride	13	UG/KG	B	U	5	UG/KG	1
Acetone	130	UG/KG		UJ	10	UG/KG	1
Carbon Disulfide	5	UG/KG	U	---	5	UG/KG	1
1,1-Dichloroethene	5	UG/KG	U	---	5	UG/KG	1
1,1-Dichloroethane	5	UG/KG	U	---	5	UG/KG	1
1,2-Dichloroethene (total)	5	UG/KG	U	---	5	UG/KG	1
Chloroform	5	UG/KG	U	---	5	UG/KG	1
1,2-Dichloroethane	5	UG/KG	U	---	5	UG/KG	1
2-Butanone	10	UG/KG	U	UJ	10	UG/KG	1
1,1,1-Trichloroethane	5	UG/KG	U	UJ	5	UG/KG	1
Carbon Tetrachloride	5	UG/KG	U	UJ	5	UG/KG	1
Vinyl Acetate	10	UG/KG	U	UJ	10	UG/KG	1
Bromodichloromethane	5	UG/KG	U	UJ	5	UG/KG	1
1,2-Dichloropropane	5	UG/KG	U	UJ	5	UG/KG	1
cis-1,3-Dichloropropene	5	UG/KG	U	UJ	5	UG/KG	1
Trichloroethene	5	UG/KG	U	UJ	5	UG/KG	1
Dibromochloromethane	5	UG/KG	U	UJ	5	UG/KG	1
1,1,2-Trichloroethane	5	UG/KG	U	UJ	5	UG/KG	1
Benzene	5	UG/KG	U	UJ	5	UG/KG	1
trans-1,3-Dichloropropene	5	UG/KG	U	UJ	5	UG/KG	1
Bromoform	5	UG/KG	U	UJ	5	UG/KG	1
4-Methyl-2-Pentanone	10	UG/KG	U	UJ	10	UG/KG	1
2-Hexanone	10	UG/KG	U	UJ	10	UG/KG	1
Tetrachloroethene	5	UG/KG	U	UJ	5	UG/KG	1
1,1,2,2-Tetrachloroethane	5	UG/KG	U	UJ	5	UG/KG	1
Toluene	5	UG/KG	U	UJ	5	UG/KG	1
Chlorobenzene	5	UG/KG	U	UJ	5	UG/KG	1
Ethylbenzene	5	UG/KG	U	UJ	5	UG/KG	1
Styrene	5	UG/KG	U	UJ	5	UG/KG	1
Xylenes (total)	5	UG/KG	U	UJ	5	UG/KG	1
Unknown	6	UG/KG	J	---		UG/KG	1
Toluene-d8 (SURRE)	100	%				%	1
Bromofluorobenzene (SURRE)	104	%				%	1
1,2-Dichloroethane-d4 (SURRE)	96	%				%	1

Appendix C: Results of Volatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL.	DATA VALID.	CRDL	UNITS	DILUTION
TR2A-ES-360N-200E-8ZRE							
Chloromethane	10	UG/KG	U	R	10	UG/KG	1
Bromomethane	10	UG/KG	U	R	10	UG/KG	1
Vinyl Chloride	10	UG/KG	U	R	10	UG/KG	1
Chloroethane	10	UG/KG	U	R	10	UG/KG	1
Methylene Chloride	8	UG/KG	B	R	5	UG/KG	1
Acetone	190	UG/KG	B	R	10	UG/KG	1
Carbon Disulfide	5	UG/KG	U	R	5	UG/KG	1
1,1-Dichloroethene	5	UG/KG	U	R	5	UG/KG	1
1,1-Dichloroethane	5	UG/KG	U	R	5	UG/KG	1
1,2-Dichloroethene (total)	5	UG/KG	U	R	5	UG/KG	1
Chloroform	5	UG/KG	U	R	5	UG/KG	1
1,2-Dichloroethane	5	UG/KG	U	R	5	UG/KG	1
2-Butanone	10	UG/KG	U	R	10	UG/KG	1
1,1,1-Trichloroethane	5	UG/KG	U	R	5	UG/KG	1
Carbon Tetrachloride	5	UG/KG	U	R	5	UG/KG	1
Vinyl Acetate	10	UG/KG	U	R	10	UG/KG	1
Bromodichloromethane	5	UG/KG	U	R	5	UG/KG	1
1,2-Dichloropropane	5	UG/KG	U	R	5	UG/KG	1
cis-1,3-Dichloropropene	5	UG/KG	U	R	5	UG/KG	1
Trichloroethene	5	UG/KG	U	R	5	UG/KG	1
Dibromochloromethane	5	UG/KG	U	R	5	UG/KG	1
1,1,2-Trichloroethane	5	UG/KG	U	R	5	UG/KG	1
Benzene	5	UG/KG	U	R	5	UG/KG	1
trans-1,3-Dichloropropene	5	UG/KG	U	R	5	UG/KG	1
Bromoform	5	UG/KG	U	R	5	UG/KG	1
4-Methyl-2-Pentanone	10	UG/KG	U	R	10	UG/KG	1
2-Hexanone	10	UG/KG	U	R	10	UG/KG	1
Tetrachloroethene	5	UG/KG	U	R	5	UG/KG	1
1,1,2,2-Tetrachloroethane	5	UG/KG	U	R	5	UG/KG	1
Toluene	1	UG/KG	J	R	5	UG/KG	1
Chlorobenzene	5	UG/KG	U	R	5	UG/KG	1
Ethylbenzene	5	UG/KG	U	R	5	UG/KG	1
Styrene	5	UG/KG	U	R	5	UG/KG	1
Xylenes (total)	5	UG/KG	U	R	5	UG/KG	1
Unknown-1	9	UG/KG	J	R		UG/KG	1
Unknown-2	12	UG/KG	J	R		UG/KG	1
Unknown-3	6	UG/KG	J	R		UG/KG	1
Toluene-d8 (SURR)	96	%				%	1
Bromofluorobenzene (SURR)	103	%				%	1
1,2-Dichloroethane-d4 (SURR)	105	%				%	1

NOTE: Original data used.

Appendix C: Results of Volatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL.	DATA VALID.	CRDL	UNITS	DILUTION
TR3-ES-450N-400E-3Z							
Chloromethane	10	UG/KG	U	---	10	UG/KG	1
Bromomethane	10	UG/KG	U	---	10	UG/KG	1
Vinyl Chloride	10	UG/KG	U	---	10	UG/KG	1
Chloroethane	10	UG/KG	U	---	10	UG/KG	1
Methylene Chloride	13	UG/KG	B	U	5	UG/KG	1
Acetone	62	UG/KG		UJ	10	UG/KG	1
Carbon Disulfide	5	UG/KG	U	---	5	UG/KG	1
1,1-Dichloroethene	5	UG/KG	U	---	5	UG/KG	1
1,1-Dichloroethane	5	UG/KG	U	---	5	UG/KG	1
1,2-Dichloroethene (total)	5	UG/KG	U	---	5	UG/KG	1
Chloroform	5	UG/KG	U	---	5	UG/KG	1
1,2-Dichloroethane	5	UG/KG	U	---	5	UG/KG	1
2-Butanone	10	UG/KG	U	UJ	10	UG/KG	1
1,1,1-Trichloroethane	5	UG/KG	U	---	5	UG/KG	1
Carbon Tetrachloride	5	UG/KG	U	---	5	UG/KG	1
Vinyl Acetate	10	UG/KG	U	UJ	10	UG/KG	1
Bromodichloromethane	5	UG/KG	U	---	5	UG/KG	1
1,2-Dichloropropane	5	UG/KG	U	---	5	UG/KG	1
cis-1,3-Dichloropropene	5	UG/KG	U	---	5	UG/KG	1
Trichloroethene	5	UG/KG	U	---	5	UG/KG	1
Dibromochloromethane	5	UG/KG	U	---	5	UG/KG	1
1,1,2-Trichloroethane	5	UG/KG	U	---	5	UG/KG	1
Benzene	5	UG/KG	U	---	5	UG/KG	1
trans-1,3-Dichloropropene	5	UG/KG	U	---	5	UG/KG	1
Bromoform	5	UG/KG	U	---	5	UG/KG	1
4-Methyl-2-Pentanone	10	UG/KG	U	---	10	UG/KG	1
2-Hexanone	10	UG/KG	U	---	10	UG/KG	1
Tetrachloroethene	5	UG/KG	U	---	5	UG/KG	1
1,1,2,2-Tetrachloroethane	5	UG/KG	U	---	5	UG/KG	1
Toluene	5	UG/KG	U	---	5	UG/KG	1
Chlorobenzene	5	UG/KG	U	---	5	UG/KG	1
Ethylbenzene	5	UG/KG	U	---	5	UG/KG	1
Styrene	5	UG/KG	U	---	5	UG/KG	1
Xylenes (total)	5	UG/KG	U	---	5	UG/KG	1
Unknown-1	24	UG/KG	J	---		UG/KG	1
Unknown C11H14-1	15	UG/KG	J	---		UG/KG	1
Unknown C11H14-2	16	UG/KG	J	---		UG/KG	1
Naphthalene	14	UG/KG	J	---		UG/KG	1
Unknown C11H14-3	73	UG/KG	J	---		UG/KG	1
Unknown-2	57	UG/KG	J	---		UG/KG	1
Unknown C11H14-4	39	UG/KG	J	---		UG/KG	1
Unknown-3	210	UG/KG	J	---		UG/KG	1
Unknown-4	14	UG/KG	J	---		UG/KG	1
Unknown-5	31	UG/KG	J	---		UG/KG	1
Toluene-d8 (SURR)	101	%				%	1
Bromofluorobenzene (SURR)	102	%				%	1
1,2-Dichloroethane-d4 (SURR)	100	%				%	1

Appendix C: Results of Volatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL.	DATA VALID.	CRDL	UNITS	DILUTION
TR3-ES-430N-400E-15Z							
Chloromethane	10	UG/KG	U	---	10	UG/KG	1
Bromomethane	10	UG/KG	U	---	10	UG/KG	1
Vinyl Chloride	10	UG/KG	U	---	10	UG/KG	1
Chloroethane	10	UG/KG	U	---	10	UG/KG	1
Methylene Chloride	7	UG/KG	B	U	5	UG/KG	1
Acetone	42	UG/KG	B	UJ	10	UG/KG	1
Carbon Disulfide	5	UG/KG	U	---	5	UG/KG	1
1,1-Dichloroethene	5	UG/KG	U	---	5	UG/KG	1
1,1-Dichloroethane	5	UG/KG	U	---	5	UG/KG	1
1,2-Dichloroethene (total)	5	UG/KG	U	---	5	UG/KG	1
Chloroform	5	UG/KG	U	---	5	UG/KG	1
1,2-Dichloroethane	5	UG/KG	U	---	5	UG/KG	1
2-Butanone	10	UG/KG	U	---	10	UG/KG	1
1,1,1-Trichloroethane	5	UG/KG	U	---	5	UG/KG	1
Carbon Tetrachloride	5	UG/KG	U	---	5	UG/KG	1
Vinyl Acetate	10	UG/KG	U	---	10	UG/KG	1
Bromodichloromethane	5	UG/KG	U	---	5	UG/KG	1
1,2-Dichloropropane	5	UG/KG	U	---	5	UG/KG	1
cis-1,3-Dichloropropene	5	UG/KG	U	---	5	UG/KG	1
Trichloroethene	5	UG/KG	U	---	5	UG/KG	1
Dibromochloromethane	5	UG/KG	U	---	5	UG/KG	1
1,1,2-Trichloroethane	5	UG/KG	U	---	5	UG/KG	1
Benzene	5	UG/KG	U	---	5	UG/KG	1
trans-1,3-Dichloropropene	5	UG/KG	U	---	5	UG/KG	1
Bromoform	5	UG/KG	U	---	5	UG/KG	1
4-Methyl-2-Pentanone	10	UG/KG	U	---	10	UG/KG	1
2-Hexanone	10	UG/KG	U	---	10	UG/KG	1
Tetrachloroethene	5	UG/KG	U	---	5	UG/KG	1
1,1,2,2-Tetrachloroethane	5	UG/KG	U	---	5	UG/KG	1
Toluene	2	UG/KG	J	---	5	UG/KG	1
Chlorobenzene	5	UG/KG	U	---	5	UG/KG	1
Ethylbenzene	5	UG/KG	U	---	5	UG/KG	1
Styrene	5	UG/KG	U	---	5	UG/KG	1
Xylenes (total)	2	UG/KG	J	---	5	UG/KG	1
Unknown Alkane-1	83	UG/KG	J	---		UG/KG	1
Unknown-1	45	UG/KG	J	---		UG/KG	1
Unknown Alkane-2	150	UG/KG	J	---		UG/KG	1
Unknown-2	100	UG/KG	J	---		UG/KG	1
Unknown-3	49	UG/KG	J	---		UG/KG	1
Naphthalene	50	UG/KG	J	NJ		UG/KG	1
Unknown C11H14	180	UG/KG	J	---		UG/KG	1
Unknown-4	170	UG/KG	J	---		UG/KG	1
Unknown-5	130	UG/KG	J	---		UG/KG	1
Unknown-6	71	UG/KG	J	---		UG/KG	1
Toluene-d8 (SURR)	99	%				%	1
Bromofluorobenzene (SURR)	99	%				%	1
1,2-Dichloroethane-d4 (SURR)	102	%				%	1

Appendix C: Results of Volatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL.	DATA VALID.	CRDL	UNITS	DILUTION
TR4-ES-260-490-8							
Chloromethane	10	UG/KG	U	---	10	UG/KG	1
Bromomethane	10	UG/KG	U	---	10	UG/KG	1
Vinyl Chloride	10	UG/KG	U	---	10	UG/KG	1
Chloroethane	10	UG/KG	U	---	10	UG/KG	1
Methylene Chloride	5	UG/KG	U	---	5	UG/KG	1
Acetone	41	UG/KG	B	UJ	10	UG/KG	1
Carbon Disulfide	2	UG/KG	J	---	5	UG/KG	1
1,1-Dichloroethene	5	UG/KG	U	---	5	UG/KG	1
1,1-Dichloroethane	5	UG/KG	U	---	5	UG/KG	1
1,2-Dichloroethene (total)	5	UG/KG	U	---	5	UG/KG	1
Chloroform	5	UG/KG	U	---	5	UG/KG	1
1,2-Dichloroethane	5	UG/KG	U	---	5	UG/KG	1
2-Butanone	10	UG/KG	U	---	10	UG/KG	1
1,1,1-Trichloroethane	5	UG/KG	U	UJ	5	UG/KG	1
Carbon Tetrachloride	5	UG/KG	U	UJ	5	UG/KG	1
Vinyl Acetate	10	UG/KG	U	UJ	10	UG/KG	1
Bromodichloromethane	5	UG/KG	U	UJ	5	UG/KG	1
1,2-Dichloropropane	5	UG/KG	U	UJ	5	UG/KG	1
cis-1,3-Dichloropropene	5	UG/KG	U	UJ	5	UG/KG	1
Trichloroethene	5	UG/KG	U	UJ	5	UG/KG	1
Dibromochloromethane	5	UG/KG	U	UJ	5	UG/KG	1
1,1,2-Trichloroethane	5	UG/KG	U	UJ	5	UG/KG	1
Benzene	5	UG/KG	U	UJ	5	UG/KG	1
trans-1,3-Dichloropropene	5	UG/KG	U	UJ	5	UG/KG	1
Bromoform	5	UG/KG	U	UJ	5	UG/KG	1
4-Methyl-2-Pentanone	10	UG/KG	U	UJ	10	UG/KG	1
2-Hexanone	10	UG/KG	U	UJ	10	UG/KG	1
Tetrachloroethene	5	UG/KG	U	UJ	5	UG/KG	1
1,1,2,2-Tetrachloroethane	5	UG/KG	U	UJ	5	UG/KG	1
Toluene	3	UG/KG	J	---	5	UG/KG	1
Chlorobenzene	5	UG/KG	U	UJ	5	UG/KG	1
Ethylbenzene	5	UG/KG		J	5	UG/KG	1
Styrene	5	UG/KG	U	UJ	5	UG/KG	1
Xylenes (total)	2	UG/KG	J	---	5	UG/KG	1
Unknown Alkane-1	400	UG/KG	J	---		UG/KG	1
Unknown Alkane-2	470	UG/KG	J	---		UG/KG	1
Unknown Alkane-3	340	UG/KG	J	---		UG/KG	1
Unknown Alkane-4	480	UG/KG	J	---		UG/KG	1
Unknown Alkane-5	1100	UG/KG	J	---		UG/KG	1
Unknown Alkane-6	700	UG/KG	J	---		UG/KG	1
Unknown Alkane-7	480	UG/KG	J	---		UG/KG	1
Unknown-1	860	UG/KG	J	---		UG/KG	1
Unknown-2	400	UG/KG	J	---		UG/KG	1
Unknown Alkane-8	990	UG/KG	J	---		UG/KG	1
Toluene-d8 (SURR)	105	%				%	1
Bromofluorobenzene (SURR)	96	%				%	1
1,2-Dichloroethane-d4 (SURR)	103	%				%	1

Appendix C: Results of Volatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL.	DATA VALID.	CRDL	UNITS	DILUTION
TR4-ES-260-490-8RE							
Chloromethane	10	UG/KG	U	R	10	UG/KG	1
Bromomethane	10	UG/KG	U	R	10	UG/KG	1
Vinyl Chloride	10	UG/KG	U	R	10	UG/KG	1
Chloroethane	10	UG/KG	U	R	10	UG/KG	1
Methylene Chloride	20	UG/KG	B	R	5	UG/KG	1
Acetone	37	UG/KG		R	10	UG/KG	1
Carbon Disulfide	5	UG/KG	U	R	5	UG/KG	1
1,1-Dichloroethene	5	UG/KG	U	R	5	UG/KG	1
1,1-Dichloroethane	5	UG/KG	U	R	5	UG/KG	1
1,2-Dichloroethene (total)	5	UG/KG	U	R	5	UG/KG	1
Chloroform	5	UG/KG	U	R	5	UG/KG	1
1,2-Dichloroethane	5	UG/KG	U	R	5	UG/KG	1
2-Butanone	10	UG/KG	U	R	10	UG/KG	1
1,1,1-Trichloroethane	5	UG/KG	U	R	5	UG/KG	1
Carbon Tetrachloride	5	UG/KG	U	R	5	UG/KG	1
Vinyl Acetate	10	UG/KG	U	R	10	UG/KG	1
Bromodichloromethane	5	UG/KG	U	R	5	UG/KG	1
1,2-Dichloropropane	5	UG/KG	U	R	5	UG/KG	1
cis-1,3-Dichloropropene	5	UG/KG	U	R	5	UG/KG	1
Trichloroethene	5	UG/KG	U	R	5	UG/KG	1
Dibromochloromethane	5	UG/KG	U	R	5	UG/KG	1
1,1,2-Trichloroethane	5	UG/KG	U	R	5	UG/KG	1
Benzene	5	UG/KG	U	R	5	UG/KG	1
trans-1,3-Dichloropropene	5	UG/KG	U	R	5	UG/KG	1
Bromoform	5	UG/KG	U	R	5	UG/KG	1
4-Methyl-2-Pentanone	10	UG/KG	U	R	10	UG/KG	1
2-Hexanone	10	UG/KG	U	R	10	UG/KG	1
Tetrachloroethene	5	UG/KG	U	R	5	UG/KG	1
1,1,2,2-Tetrachloroethane	5	UG/KG	U	R	5	UG/KG	1
Toluene	5	UG/KG	U	R	5	UG/KG	1
Chlorobenzene	5	UG/KG	U	R	5	UG/KG	1
Ethylbenzene	5	UG/KG	U	R	5	UG/KG	1
Styrene	5	UG/KG	U	R	5	UG/KG	1
Xylenes (total)	5	UG/KG	U	R	5	UG/KG	1
Unknown Alkane-1	130	UG/KG	J	R		UG/KG	1
Unknown-1	120	UG/KG	J	R		UG/KG	1
Unknown Alkane-2	350	UG/KG	J	R		UG/KG	1
Unknown Alkane-3	170	UG/KG	J	R		UG/KG	1
Unknown Alkane-4	160	UG/KG	J	R		UG/KG	1
Unknown-2	350	UG/KG	J	R		UG/KG	1
Unknown-3	160	UG/KG	J	R		UG/KG	1
Unknown Alkane-5	470	UG/KG	J	R		UG/KG	1
Unknown-4	350	UG/KG	J	R		UG/KG	1
Unknown-5	78	UG/KG	J	R		UG/KG	1
Toluene-d8 (SURR)	105	%				%	1
Bromofluorobenzene (SURR)	98	%				%	1
1,2-Dichloroethane-d4 (SURR)	99	%				%	1

Appendix C: Results of Volatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL.	DATA VALID.	CRDL	UNITS	DILUTION
TR5-ES-590-570-12							
Chloromethane	10	UG/KG	U	---	10	UG/KG	1
Bromomethane	10	UG/KG	U	---	10	UG/KG	1
Vinyl Chloride	10	UG/KG	U	---	10	UG/KG	1
Chloroethane	10	UG/KG	U	---	10	UG/KG	1
Methylene Chloride	21	UG/KG	B	U	5	UG/KG	1
Acetone	48	UG/KG	B	U	10	UG/KG	1
Carbon Disulfide	5	UG/KG	U	---	5	UG/KG	1
1,1-Dichloroethene	5	UG/KG	U	---	5	UG/KG	1
1,1-Dichloroethane	5	UG/KG	U	---	5	UG/KG	1
1,2-Dichloroethene (total)	5	UG/KG	U	---	5	UG/KG	1
Chloroform	5	UG/KG	U	---	5	UG/KG	1
1,2-Dichloroethane	5	UG/KG	U	---	5	UG/KG	1
2-Butanone	10	UG/KG	U	U	10	UG/KG	1
1,1,1-Trichloroethane	5	UG/KG	U	---	5	UG/KG	1
Carbon Tetrachloride	5	UG/KG	U	---	5	UG/KG	1
Vinyl Acetate	10	UG/KG	U	---	10	UG/KG	1
Bromodichloromethane	5	UG/KG	U	---	5	UG/KG	1
1,2-Dichloropropane	5	UG/KG	U	---	5	UG/KG	1
cis-1,3-Dichloropropene	5	UG/KG	U	---	5	UG/KG	1
Trichloroethene	5	UG/KG	U	---	5	UG/KG	1
Dibromochloromethane	5	UG/KG	U	---	5	UG/KG	1
1,1,2-Trichloroethane	5	UG/KG	U	---	5	UG/KG	1
Benzene	5	UG/KG	U	---	5	UG/KG	1
trans-1,3-Dichloropropene	5	UG/KG	U	---	5	UG/KG	1
Bromoform	5	UG/KG	U	---	5	UG/KG	1
4-Methyl-2-Pentanone	10	UG/KG	U	---	10	UG/KG	1
2-Hexanone	10	UG/KG	U	---	10	UG/KG	1
Tetrachloroethene	5	UG/KG	U	---	5	UG/KG	1
1,1,2,2-Tetrachloroethane	5	UG/KG	U	---	5	UG/KG	1
Toluene	5	UG/KG	U	---	5	UG/KG	1
Chlorobenzene	5	UG/KG	U	---	5	UG/KG	1
Ethylbenzene	5	UG/KG	U	---	5	UG/KG	1
Styrene	5	UG/KG	U	---	5	UG/KG	1
Xylenes (total)	5	UG/KG	U	---	5	UG/KG	1
Unknown-1	36	UG/KG	J	---		UG/KG	1
Unknown-2	64	UG/KG	BJ	J		UG/KG	1
Unknown Alkane-1	38	UG/KG	BJ	J		UG/KG	1
Unknown-3	42	UG/KG	J	---		UG/KG	1
Unknown Alkane-2	49	UG/KG	J	---		UG/KG	1
Unknown C10H8	60	UG/KG	J	---		UG/KG	1
Unknown-4	120	UG/KG	J	---		UG/KG	1
Unknown-5	65	UG/KG	J	---		UG/KG	1
Unknown-6	75	UG/KG	J	---		UG/KG	1
Unknown-7	220	UG/KG	J	---		UG/KG	1
Unknown-8	21	UG/KG	J	---		UG/KG	1
Toluene-d8 (SURR)	106	%				%	1
Bromofluorobenzene (SURR)	101	%				%	1
1,2-Dichloroethane-d4 (SURR)	102	%				%	1

Appendix C: Results of Volatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL.	DATA VALID.	CRDL	UNITS	DILUTION
TR6-ES-495-585-12							
Chloromethane	10	UG/KG	U	NP	10	UG/KG	1
Bromomethane	10	UG/KG	U	NP	10	UG/KG	1
Vinyl Chloride	10	UG/KG	U	NP	10	UG/KG	1
Chloroethane	10	UG/KG	U	NP	10	UG/KG	1
Methylene Chloride	5	UG/KG	U	NP	5	UG/KG	1
Acetone	10	UG/KG	U	NP	10	UG/KG	1
Carbon Disulfide	5	UG/KG	U	NP	5	UG/KG	1
1,1-Dichloroethene	5	UG/KG	U	NP	5	UG/KG	1
1,1-Dichloroethane	5	UG/KG	U	NP	5	UG/KG	1
1,2-Dichloroethene (total)	5	UG/KG	U	NP	5	UG/KG	1
Chloroform	5	UG/KG	U	NP	5	UG/KG	1
1,2-Dichloroethane	5	UG/KG	U	NP	5	UG/KG	1
2-Butanone	10	UG/KG	U	NP	10	UG/KG	1
1,1,1-Trichloroethane	5	UG/KG	U	NP	5	UG/KG	1
Carbon Tetrachloride	5	UG/KG	U	NP	5	UG/KG	1
Vinyl Acetate	10	UG/KG	U	NP	10	UG/KG	1
Bromodichloromethane	5	UG/KG	U	NP	5	UG/KG	1
1,2-Dichloropropane	5	UG/KG	U	NP	5	UG/KG	1
cis-1,3-Dichloropropene	5	UG/KG	U	NP	5	UG/KG	1
Trichloroethene	5	UG/KG	U	NP	5	UG/KG	1
Dibromochloromethane	5	UG/KG	U	NP	5	UG/KG	1
1,1,2-Trichloroethane	5	UG/KG	U	NP	5	UG/KG	1
Benzene	5	UG/KG	U	NP	5	UG/KG	1
trans-1,3-Dichloropropene	5	UG/KG	U	NP	5	UG/KG	1
Bromoform	5	UG/KG	U	NP	5	UG/KG	1
4-Methyl-2-Pentanone	10	UG/KG	U	NP	10	UG/KG	1
2-Hexanone	10	UG/KG	U	NP	10	UG/KG	1
Tetrachloroethene	5	UG/KG	U	NP	5	UG/KG	1
1,1,2,2-Tetrachloroethane	5	UG/KG	U	NP	5	UG/KG	1
Toluene	5	UG/KG	U	NP	5	UG/KG	1
Chlorobenzene	5	UG/KG	U	NP	5	UG/KG	1
Ethylbenzene	5	UG/KG	U	NP	5	UG/KG	1
Styrene	5	UG/KG	U	NP	5	UG/KG	1
Xylenes (total)	5	UG/KG	U	NP	5	UG/KG	1
Unknown-1	150	UG/KG	J	NP		UG/KG	1
Unknown Alkane-1	240	UG/KG	J	NP		UG/KG	1
Unknown Alkane-2	140	UG/KG	J	NP		UG/KG	1
Unknown-2	120	UG/KG	J	NP		UG/KG	1
Unknown Alkane-3	380	UG/KG	J	NP		UG/KG	1
Unknown-3	180	UG/KG	J	NP		UG/KG	1
Unknown-4	130	UG/KG	J	NP		UG/KG	1
Unknown-5	280	UG/KG	J	NP		UG/KG	1
Unknown-6	330	UG/KG	J	NP		UG/KG	1
Unknown-7	140	UG/KG	J	NP		UG/KG	1
Toluene-d8 (SURR)	106	%				%	1
Bromofluorobenzene (SURR)	99	%				%	1
1,2-Dichloroethane-d4 (SURR)	110	%				%	1

Appendix C: Results of Volatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL.	DATA VALID.	CRDL	UNITS	DILUTION
TR6-ES-485-590-6							
Chloromethane	10	UG/KG	U	NP	10	UG/KG	1
Bromomethane	10	UG/KG	U	NP	10	UG/KG	1
Vinyl Chloride	10	UG/KG	U	NP	10	UG/KG	1
Chloroethane	10	UG/KG	U	NP	10	UG/KG	1
Methylene Chloride	5	UG/KG	U	NP	5	UG/KG	1
Acetone	10	UG/KG	U	NP	10	UG/KG	1
Carbon Disulfide	5	UG/KG	U	NP	5	UG/KG	1
1,1-Dichloroethene	5	UG/KG	U	NP	5	UG/KG	1
1,1-Dichloroethane	5	UG/KG	U	NP	5	UG/KG	1
1,2-Dichloroethene (total)	5	UG/KG	U	NP	5	UG/KG	1
Chloroform	5	UG/KG	U	NP	5	UG/KG	1
1,2-Dichloroethane	5	UG/KG	U	NP	5	UG/KG	1
2-Butanone	10	UG/KG	U	NP	10	UG/KG	1
1,1,1-Trichloroethane	5	UG/KG	U	NP	5	UG/KG	1
Carbon Tetrachloride	5	UG/KG	U	NP	5	UG/KG	1
Vinyl Acetate	10	UG/KG	U	NP	10	UG/KG	1
Bromodichloromethane	5	UG/KG	U	NP	5	UG/KG	1
1,2-Dichloropropane	5	UG/KG	U	NP	5	UG/KG	1
cis-1,3-Dichloropropene	5	UG/KG	U	NP	5	UG/KG	1
Trichloroethene	5	UG/KG	U	NP	5	UG/KG	1
Dibromochloromethane	5	UG/KG	U	NP	5	UG/KG	1
1,1,2-Trichloroethane	5	UG/KG	U	NP	5	UG/KG	1
Benzene	5	UG/KG	U	NP	5	UG/KG	1
trans-1,3-Dichloropropene	5	UG/KG	U	NP	5	UG/KG	1
Bromoform	5	UG/KG	U	NP	5	UG/KG	1
4-Methyl-2-Pentanone	10	UG/KG	U	NP	10	UG/KG	1
2-Hexanone	10	UG/KG	U	NP	10	UG/KG	1
Tetrachloroethene	5	UG/KG	U	NP	5	UG/KG	1
1,1,2,2-Tetrachloroethane	5	UG/KG	U	NP	5	UG/KG	1
Toluene	2	UG/KG	J	NP	5	UG/KG	1
Chlorobenzene	5	UG/KG	U	NP	5	UG/KG	1
Ethylbenzene	5	UG/KG	U	NP	5	UG/KG	1
Styrene	5	UG/KG	U	NP	5	UG/KG	1
Xylenes (total)	5	UG/KG	U	NP	5	UG/KG	1
Toluene-d8 (SURR)	108	%				%	1
Bromofluorobenzene (SURR)	99	%				%	1
1,2-Dichloroethane-d4 (SURR)	112	%				%	1

Appendix C: Results of Volatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL.	DATA VALID.	CRDL	UNITS	DILUTION
TR7-ES-558-650-5							
Chloromethane	10	UG/KG	U	---	10	UG/KG	1
Bromomethane	10	UG/KG	U	---	10	UG/KG	1
Vinyl Chloride	10	UG/KG	U	---	10	UG/KG	1
Chloroethane	10	UG/KG	U	---	10	UG/KG	1
Methylene Chloride	26	UG/KG	B	U	5	UG/KG	1
Acetone	71	UG/KG		U	10	UG/KG	1
Carbon Disulfide	5	UG/KG	U	---	5	UG/KG	1
1,1-Dichloroethene	5	UG/KG	U	---	5	UG/KG	1
1,1-Dichloroethane	5	UG/KG	U	---	5	UG/KG	1
1,2-Dichloroethene (total)	5	UG/KG	U	---	5	UG/KG	1
Chloroform	5	UG/KG	U	---	5	UG/KG	1
1,2-Dichloroethane	5	UG/KG	U	---	5	UG/KG	1
2-Butanone	10	UG/KG	U	U	10	UG/KG	1
1,1,1-Trichloroethane	5	UG/KG	U	---	5	UG/KG	1
Carbon Tetrachloride	5	UG/KG	U	---	5	UG/KG	1
Vinyl Acetate	10	UG/KG	U	---	10	UG/KG	1
Bromodichloromethane	5	UG/KG	U	---	5	UG/KG	1
1,2-Dichloropropane	5	UG/KG	U	---	5	UG/KG	1
cis-1,3-Dichloropropene	5	UG/KG	U	---	5	UG/KG	1
Trichloroethene	5	UG/KG	U	---	5	UG/KG	1
Dibromochloromethane	5	UG/KG	U	---	5	UG/KG	1
1,1,2-Trichloroethane	5	UG/KG	U	---	5	UG/KG	1
Benzene	5	UG/KG	U	---	5	UG/KG	1
trans-1,3-Dichloropropene	5	UG/KG	U	---	5	UG/KG	1
Bromoform	5	UG/KG	U	---	5	UG/KG	1
4-Methyl-2-Pentanone	10	UG/KG	U	---	10	UG/KG	1
2-Hexanone	10	UG/KG	U	---	10	UG/KG	1
Tetrachloroethene	5	UG/KG	U	---	5	UG/KG	1
1,1,2,2-Tetrachloroethane	5	UG/KG	U	---	5	UG/KG	1
Toluene	5	UG/KG	U	---	5	UG/KG	1
Chlorobenzene	5	UG/KG	U	---	5	UG/KG	1
Ethylbenzene	5	UG/KG	U	---	5	UG/KG	1
Styrene	5	UG/KG	U	---	5	UG/KG	1
Xylenes (total)	5	UG/KG	U	---	5	UG/KG	1
Unknown Alkane-1	180	UG/KG	J	---		UG/KG	1
Unknown-1	130	UG/KG	J	---		UG/KG	1
Unknown Alkane-2	350	UG/KG	J	---		UG/KG	1
Unknown Alkane-3	260	UG/KG	J	---		UG/KG	1
Unknown Alkane-4	170	UG/KG	J	---		UG/KG	1
Unknown-2	440	UG/KG	J	---		UG/KG	1
Unknown-3	230	UG/KG	J	---		UG/KG	1
Unknown-4	180	UG/KG	J	---		UG/KG	1
Unknown-5	230	UG/KG	J	---		UG/KG	1
Unknown-6	590	UG/KG	J	---		UG/KG	1
Toluene-d8 (SURR)	105	%				%	1
Bromofluorobenzene (SURR)	97	%				%	1
1,2-Dichloroethane-d4 (SURR)	97	%				%	1

Appendix C: Results of Volatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL.	DATA VALID.	CRDL	UNITS	DILUTION
TR7-ES-560-650-14							
Chloromethane	10	UG/KG	U	---	10	UG/KG	1
Bromomethane	10	UG/KG	U	---	10	UG/KG	1
Vinyl Chloride	10	UG/KG	U	---	10	UG/KG	1
Chloroethane	10	UG/KG	U	---	10	UG/KG	1
Methylene Chloride	5	UG/KG	B	U	5	UG/KG	1
Acetone	24	UG/KG	B	UJ	10	UG/KG	1
Carbon Disulfide	5	UG/KG	U	---	5	UG/KG	1
1,1-Dichloroethene	5	UG/KG	U	---	5	UG/KG	1
1,1-Dichloroethane	5	UG/KG	U	---	5	UG/KG	1
1,2-Dichloroethene (total)	5	UG/KG	U	---	5	UG/KG	1
Chloroform	5	UG/KG	U	---	5	UG/KG	1
1,2-Dichloroethane	5	UG/KG	U	---	5	UG/KG	1
2-Butanone	10	UG/KG	U	UJ	10	UG/KG	1
1,1,1-Trichloroethane	5	UG/KG	U	---	5	UG/KG	1
Carbon Tetrachloride	5	UG/KG	U	---	5	UG/KG	1
Vinyl Acetate	10	UG/KG	U	---	10	UG/KG	1
Bromodichloromethane	5	UG/KG	U	---	5	UG/KG	1
1,2-Dichloropropane	5	UG/KG	U	---	5	UG/KG	1
cis-1,3-Dichloropropene	5	UG/KG	U	---	5	UG/KG	1
Trichloroethene	5	UG/KG	U	---	5	UG/KG	1
Dibromochloromethane	5	UG/KG	U	---	5	UG/KG	1
1,1,2-Trichloroethane	5	UG/KG	U	---	5	UG/KG	1
Benzene	5	UG/KG	U	---	5	UG/KG	1
trans-1,3-Dichloropropene	5	UG/KG	U	---	5	UG/KG	1
Bromoform	5	UG/KG	U	---	5	UG/KG	1
4-Methyl-2-Pentanone	10	UG/KG	U	---	10	UG/KG	1
2-Hexanone	10	UG/KG	U	---	10	UG/KG	1
Tetrachloroethene	5	UG/KG	U	---	5	UG/KG	1
1,1,2,2-Tetrachloroethane	5	UG/KG	U	---	5	UG/KG	1
Toluene	5	UG/KG	U	---	5	UG/KG	1
Chlorobenzene	5	UG/KG	U	---	5	UG/KG	1
Ethylbenzene	1	UG/KG	J	---	5	UG/KG	1
Styrene	5	UG/KG	U	---	5	UG/KG	1
Xylenes (total)	13	UG/KG		---	5	UG/KG	1
Unknown Alkane-1	780	UG/KG	J	---		UG/KG	1
Unknown Alkane-2	2000	UG/KG	BJ	J		UG/KG	1
Unknown-1	650	UG/KG	J	---		UG/KG	1
Unknown Alkane-3	710	UG/KG	J	---		UG/KG	1
Unknown Alkane-4	2700	UG/KG	BJ	J		UG/KG	1
Unknown Alkane-5	1600	UG/KG	J	---		UG/KG	1
Unknown-2	760	UG/KG	J	---		UG/KG	1
Unknown Alkane-6	1300	UG/KG	J	---		UG/KG	1
Unknown Alkane-7	2800	UG/KG	BJ	J		UG/KG	1
Unknown-3	710	UG/KG	J	---		UG/KG	1
Toluene-d8 (SURR)	103	%				%	1
Bromofluorobenzene (SURR)	101	%				%	1
1,2-Dichloroethane-d4 (SURR)	97	%				%	1

Appendix C: Results of Volatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL.	DATA VALID.	CRDL	UNITS	DILUTION
TR8-ES-780-800-3							
Chloromethane	10	UG/KG	U	---	10	UG/KG	1
Bromomethane	10	UG/KG	U	---	10	UG/KG	1
Vinyl Chloride	10	UG/KG	U	---	10	UG/KG	1
Chloroethane	10	UG/KG	U	---	10	UG/KG	1
Methylene Chloride	5	UG/KG	U	UJ	5	UG/KG	1
Acetone	10	UG/KG	U	UJ	10	UG/KG	1
Carbon Disulfide	5	UG/KG	U	UJ	5	UG/KG	1
1,1-Dichloroethene	5	UG/KG	U	UJ	5	UG/KG	1
1,1-Dichloroethane	5	UG/KG	U	UJ	5	UG/KG	1
1,2-Dichloroethene (total)	5	UG/KG	U	UJ	5	UG/KG	1
Chloroform	5	UG/KG	U	UJ	5	UG/KG	1
1,2-Dichloroethane	5	UG/KG	U	UJ	5	UG/KG	1
2-Butanone	10	UG/KG	U	UJ	10	UG/KG	1
1,1,1-Trichloroethane	5	UG/KG	U	UJ	5	UG/KG	1
Carbon Tetrachloride	5	UG/KG	U	UJ	5	UG/KG	1
Vinyl Acetate	10	UG/KG	U	UJ	10	UG/KG	1
Bromodichloromethane	5	UG/KG	U	UJ	5	UG/KG	1
1,2-Dichloropropane	5	UG/KG	U	UJ	5	UG/KG	1
cis-1,3-Dichloropropene	5	UG/KG	U	UJ	5	UG/KG	1
Trichloroethene	5	UG/KG	U	UJ	5	UG/KG	1
Dibromochloromethane	5	UG/KG	U	UJ	5	UG/KG	1
1,1,2-Trichloroethane	5	UG/KG	U	UJ	5	UG/KG	1
Benzene	5	UG/KG	U	UJ	5	UG/KG	1
trans-1,3-Dichloropropene	5	UG/KG	U	UJ	5	UG/KG	1
Bromoform	5	UG/KG	U	UJ	5	UG/KG	1
4-Methyl-2-Pentanone	10	UG/KG	U	UJ	10	UG/KG	1
2-Hexanone	10	UG/KG	U	UJ	10	UG/KG	1
Tetrachloroethene	5	UG/KG	U	UJ	5	UG/KG	1
1,1,2,2-Tetrachloroethane	5	UG/KG	U	UJ	5	UG/KG	1
Toluene	5	UG/KG	U	UJ	5	UG/KG	1
Chlorobenzene	5	UG/KG	U	UJ	5	UG/KG	1
Ethylbenzene	5	UG/KG	U	UJ	5	UG/KG	1
Styrene	5	UG/KG	U	UJ	5	UG/KG	1
Xylenes (total)	5	UG/KG	U	UJ	5	UG/KG	1
Unknown	5	UG/KG	J	---		UG/KG	1
Toluene-d8 (SURR)	98	%				%	1
Bromofluorobenzene (SURR)	102	%				%	1
1,2-Dichloroethane-d4 (SURR)	102	%				%	1

Appendix C: Results of Volatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL.	DATA VALID.	CRDL	UNITS	DILUTION
TR8-ES-780-600-3-MS							
1,1-Dichloroethene	114	%		NP		%	
Trichloroethene	114	%		NP		%	1
Benzene	116	%		NP		%	1
Toluene	120	%		NP		%	1
Chlorobenzene	119	%		NP		%	1
Toluene-d8 (SURR)	99	%		NP		%	1
Bromofluorobenzene (SURR)	100	%		NP		%	1
1,2-Dichloroethane-d4 (SURR)	90	%		NP		%	1
TR8-ES-780-600-3-MSD							
1,1-Dichloroethene	109	%		NP		%	
Trichloroethene	104	%		NP		%	1
Benzene	113	%		NP		%	1
Toluene	109	%		NP		%	1
Chlorobenzene	111	%		NP		%	1
Toluene-d8 (SURR)	97	%		NP		%	1
Bromofluorobenzene (SURR)	99	%		NP		%	1
1,2-Dichloroethane-d4 (SURR)	98	%		NP		%	1

Appendix C: Results of Volatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL.	DATA VALID.	CRDL	UNITS	DILUTION
TR10-ES-180-790-15							
Chloromethane	10	UG/KG	U	---	10	UG/KG	1
Bromomethane	10	UG/KG	U	---	10	UG/KG	1
Vinyl Chloride	10	UG/KG	U	---	10	UG/KG	1
Chloroethane	10	UG/KG	U	---	10	UG/KG	1
Methylene Chloride	22	UG/KG	B	U	5	UG/KG	1
Acetone	42	UG/KG		UJ	10	UG/KG	1
Carbon Disulfide	5	UG/KG	U	---	5	UG/KG	1
1,1-Dichloroethene	5	UG/KG	U	---	5	UG/KG	1
1,1-Dichloroethane	5	UG/KG	U	---	5	UG/KG	1
1,2-Dichloroethene (total)	5	UG/KG	U	---	5	UG/KG	1
Chloroform	5	UG/KG	U	---	5	UG/KG	1
1,2-Dichloroethane	5	UG/KG	U	---	5	UG/KG	1
2-Butanone	10	UG/KG	U	UJ	10	UG/KG	1
1,1,1-Trichloroethane	5	UG/KG	U	---	5	UG/KG	1
Carbon Tetrachloride	5	UG/KG	U	---	5	UG/KG	1
Vinyl Acetate	10	UG/KG	U	---	10	UG/KG	1
Bromodichloromethane	5	UG/KG	U	---	5	UG/KG	1
1,2-Dichloropropane	5	UG/KG	U	---	5	UG/KG	1
cis-1,3-Dichloropropene	5	UG/KG	U	---	5	UG/KG	1
Trichloroethene	5	UG/KG	U	---	5	UG/KG	1
Dibromochloromethane	5	UG/KG	U	---	5	UG/KG	1
1,1,2-Trichloroethane	5	UG/KG	U	---	5	UG/KG	1
Benzene	5	UG/KG	U	---	5	UG/KG	1
trans-1,3-Dichloropropene	5	UG/KG	U	---	5	UG/KG	1
Bromoform	5	UG/KG	U	---	5	UG/KG	1
4-Methyl-2-Pentanone	10	UG/KG	U	---	10	UG/KG	1
2-Hexanone	10	UG/KG	U	---	10	UG/KG	1
Tetrachloroethene	5	UG/KG	U	---	5	UG/KG	1
1,1,2,2-Tetrachloroethane	5	UG/KG	U	---	5	UG/KG	1
Toluene	3	UG/KG	J	---	5	UG/KG	1
Chlorobenzene	5	UG/KG	U	---	5	UG/KG	1
Ethylbenzene	1	UG/KG	J	---	5	UG/KG	1
Styrene	5	UG/KG	U	---	5	UG/KG	1
Xylenes (total)	6	UG/KG		---	5	UG/KG	1
Unknown Alkane-1	2100	UG/KG	J	---		UG/KG	1
Unknown Alkane-2	5400	UG/KG	J	---		UG/KG	1
Unknown Alkane-3	3600	UG/KG	J	---		UG/KG	1
Unknown-1	3500	UG/KG	J	---		UG/KG	1
Unknown Alkane-4	2500	UG/KG	J	---		UG/KG	1
Unknown Alkane-5	2300	UG/KG	J	---		UG/KG	1
Unknown Alkane-6	4800	UG/KG	J	---		UG/KG	1
Unknown Alkane-7	4900	UG/KG	J	---		UG/KG	1
Unknown-2	2600	UG/KG	J	---		UG/KG	1
Unknown-3	2100	UG/KG	J	---		UG/KG	1
Toluene-d8 (SURR)	110	%				%	1
Bromofluorobenzene (SURR)	79	%				%	1
1,2-Dichloroethane-d4 (SURR)	99	%				%	1

Appendix C: Results of Volatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL.	DATA VALID.	CRDL	UNITS	DILUTION
TR10-ES-190-790-8							
Chloromethane	10	UG/KG	U	---	10	UG/KG	1
Bromomethane	10	UG/KG	U	---	10	UG/KG	1
Vinyl Chloride	10	UG/KG	U	---	10	UG/KG	1
Chloroethane	10	UG/KG	U	---	10	UG/KG	1
Methylene Chloride	26	UG/KG	B	U	5	UG/KG	1
Acetone	59	UG/KG		U	10	UG/KG	1
Carbon Disulfide	5	UG/KG	U	---	5	UG/KG	1
1,1-Dichloroethene	5	UG/KG	U	---	5	UG/KG	1
1,1-Dichloroethane	5	UG/KG	U	---	5	UG/KG	1
1,2-Dichloroethene (total)	5	UG/KG	U	---	5	UG/KG	1
Chloroform	5	UG/KG	U	---	5	UG/KG	1
1,2-Dichloroethane	5	UG/KG	U	---	5	UG/KG	1
2-Butanone	10	UG/KG	U	U	10	UG/KG	1
1,1,1-Trichloroethane	5	UG/KG	U	---	5	UG/KG	1
Carbon Tetrachloride	5	UG/KG	U	---	5	UG/KG	1
Vinyl Acetate	10	UG/KG	U	---	10	UG/KG	1
Bromodichloromethane	5	UG/KG	U	---	5	UG/KG	1
1,2-Dichloropropane	5	UG/KG	U	---	5	UG/KG	1
cis-1,3-Dichloropropene	5	UG/KG	U	---	5	UG/KG	1
Trichloroethene	5	UG/KG	U	---	5	UG/KG	1
Dibromochloromethane	5	UG/KG	U	---	5	UG/KG	1
1,1,2-Trichloroethane	5	UG/KG	U	---	5	UG/KG	1
Benzene	5	UG/KG	U	---	5	UG/KG	1
trans-1,3-Dichloropropene	5	UG/KG	U	---	5	UG/KG	1
Bromoform	5	UG/KG	U	---	5	UG/KG	1
4-Methyl-2-Pentanone	10	UG/KG	U	---	10	UG/KG	1
2-Hexanone	10	UG/KG	U	---	10	UG/KG	1
Tetrachloroethene	5	UG/KG	U	---	5	UG/KG	1
1,1,2,2-Tetrachloroethane	5	UG/KG	U	---	5	UG/KG	1
Toluene	5	UG/KG	U	---	5	UG/KG	1
Chlorobenzene	5	UG/KG	U	---	5	UG/KG	1
Ethylbenzene	5	UG/KG	U	---	5	UG/KG	1
Styrene	5	UG/KG	U	---	5	UG/KG	1
Xylenes (total)	5	UG/KG	U	---	5	UG/KG	1
Unknown-1	14	UG/KG	J	---		UG/KG	1
Unknown Alkane-1	15	UG/KG	J	---		UG/KG	1
Unknown Alkane-2	32	UG/KG	J	---		UG/KG	1
Unknown Alkane-3	13	UG/KG	J	---		UG/KG	1
Unknown-2	11	UG/KG	J	---		UG/KG	1
Unknown Alkane-4	14	UG/KG	J	---		UG/KG	1
Unknown-3	22	UG/KG	J	---		UG/KG	1
Unknown-4	16	UG/KG	J	---		UG/KG	1
Unknown Alkane-5	17	UG/KG	J	---		UG/KG	1
Unknown-5	20	UG/KG	J	---		UG/KG	1
Toluene-d8 (SURR)	106	%				%	1
Bromofluorobenzene (SURR)	97	%				%	1
1,2-Dichloroethane-d4 (SURR)	100	%				%	1

Appendix C: Results of Volatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL.	DATA VALID.	CRDL	UNITS	DILUTION
TR11-ES-180-930-3							
Chloromethane	10	UG/KG	U	NP	10	UG/KG	1
Bromomethane	10	UG/KG	U	NP	10	UG/KG	1
Vinyl Chloride	10	UG/KG	U	NP	10	UG/KG	1
Chloroethane	10	UG/KG	U	NP	10	UG/KG	1
Methylene Chloride	5	UG/KG	U	NP	5	UG/KG	1
Acetone	10	UG/KG	U	NP	10	UG/KG	1
Carbon Disulfide	5	UG/KG	U	NP	5	UG/KG	1
1,1-Dichloroethene	5	UG/KG	U	NP	5	UG/KG	1
1,1-Dichloroethane	5	UG/KG	U	NP	5	UG/KG	1
1,2-Dichloroethene (total)	5	UG/KG	U	NP	5	UG/KG	1
Chloroform	5	UG/KG	U	NP	5	UG/KG	1
1,2-Dichloroethane	5	UG/KG	U	NP	5	UG/KG	1
2-Butanone	10	UG/KG	U	NP	10	UG/KG	1
1,1,1-Trichloroethane	5	UG/KG	U	NP	5	UG/KG	1
Carbon Tetrachloride	5	UG/KG	U	NP	5	UG/KG	1
Vinyl Acetate	10	UG/KG	U	NP	10	UG/KG	1
Bromodichloromethane	5	UG/KG	U	NP	5	UG/KG	1
1,2-Dichloropropane	5	UG/KG	U	NP	5	UG/KG	1
cis-1,3-Dichloropropene	5	UG/KG	U	NP	5	UG/KG	1
Trichloroethene	5	UG/KG	U	NP	5	UG/KG	1
Dibromochloromethane	5	UG/KG	U	NP	5	UG/KG	1
1,1,2-Trichloroethane	5	UG/KG	U	NP	5	UG/KG	1
Benzene	5	UG/KG	U	NP	5	UG/KG	1
trans-1,3-Dichloropropene	5	UG/KG	U	NP	5	UG/KG	1
Bromoform	5	UG/KG	U	NP	5	UG/KG	1
4-Methyl-2-Pentanone	10	UG/KG	U	NP	10	UG/KG	1
2-Hexanone	10	UG/KG	U	NP	10	UG/KG	1
Tetrachloroethene	5	UG/KG	U	NP	5	UG/KG	1
1,1,2,2-Tetrachloroethane	5	UG/KG	U	NP	5	UG/KG	1
Toluene	5	UG/KG	U	NP	5	UG/KG	1
Chlorobenzene	5	UG/KG	U	NP	5	UG/KG	1
Ethylbenzene	5	UG/KG	U	NP	5	UG/KG	1
Styrene	5	UG/KG	U	NP	5	UG/KG	1
Xylenes (total)	5	UG/KG	U	NP	5	UG/KG	1
Unknown	84	UG/KG	J	NP		UG/KG	1
Toluene-d8 (SURR)	109	%				%	1
Bromofluorobenzene (SURR)	95	%				%	1
1,2-Dichloroethane-d4 (SURR)	100	%				%	1

Appendix C: Results of Volatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL.	DATA VALID.	CRDL	UNITS	DILUTION
TR11-ES-180-930-2RE							
Chloromethane	10	UG/KG	U	NP	10	UG/KG	1
Bromomethane	10	UG/KG	U	NP	10	UG/KG	1
Vinyl Chloride	10	UG/KG	U	NP	10	UG/KG	1
Chloroethane	10	UG/KG	U	NP	10	UG/KG	1
Methylene Chloride	5	UG/KG	U	NP	5	UG/KG	1
Acetone	10	UG/KG	U	NP	10	UG/KG	1
Carbon Disulfide	5	UG/KG	U	NP	5	UG/KG	1
1,1-Dichloroethene	5	UG/KG	U	NP	5	UG/KG	1
1,1-Dichloroethane	5	UG/KG	U	NP	5	UG/KG	1
1,2-Dichloroethene (total)	5	UG/KG	U	NP	5	UG/KG	1
Chloroform	5	UG/KG	U	NP	5	UG/KG	1
1,2-Dichloroethane	5	UG/KG	U	NP	5	UG/KG	1
2-Butanone	10	UG/KG	U	NP	10	UG/KG	1
1,1,1-Trichloroethane	5	UG/KG	U	NP	5	UG/KG	1
Carbon Tetrachloride	5	UG/KG	U	NP	5	UG/KG	1
Vinyl Acetate	10	UG/KG	U	NP	10	UG/KG	1
Bromodichloromethane	5	UG/KG	U	NP	5	UG/KG	1
1,2-Dichloropropane	5	UG/KG	U	NP	5	UG/KG	1
cis-1,3-Dichloropropene	5	UG/KG	U	NP	5	UG/KG	1
Trichloroethene	5	UG/KG	U	NP	5	UG/KG	1
Dibromochloromethane	5	UG/KG	U	NP	5	UG/KG	1
1,1,2-Trichloroethane	5	UG/KG	U	NP	5	UG/KG	1
Benzene	5	UG/KG	U	NP	5	UG/KG	1
trans-1,3-Dichloropropene	5	UG/KG	U	NP	5	UG/KG	1
Bromoform	5	UG/KG	U	NP	5	UG/KG	1
4-Methyl-2-Pentanone	10	UG/KG	U	NP	10	UG/KG	1
2-Hexanone	10	UG/KG	U	NP	10	UG/KG	1
Tetrachloroethene	5	UG/KG	U	NP	5	UG/KG	1
1,1,2,2-Tetrachloroethane	5	UG/KG	U	NP	5	UG/KG	1
Toluene	5	UG/KG	U	NP	5	UG/KG	1
Chlorobenzene	5	UG/KG	U	NP	5	UG/KG	1
Ethylbenzene	5	UG/KG	U	NP	5	UG/KG	1
Styrene	5	UG/KG	U	NP	5	UG/KG	1
Xylenes (total)	5	UG/KG	U	NP	5	UG/KG	1
Toluene-d8 (SURR)	102	%				%	1
Bromofluorobenzene (SURR)	98	%				%	1
1,2-Dichloroethane-d4 (SURR)	104	%				%	1

Appendix C: Results of Volatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL.	DATA VALD.	CRDL	UNITS	DILUTION
TR13-ES-210-1110-6							
Chloromethane	10	UG/KG	U	NP	10	UG/KG	1
Bromomethane	10	UG/KG	U	NP	10	UG/KG	1
Vinyl Chloride	10	UG/KG	U	NP	10	UG/KG	1
Chloroethane	10	UG/KG	U	NP	10	UG/KG	1
Methylene Chloride	5	UG/KG	U	NP	5	UG/KG	1
Acetone	10	UG/KG	U	NP	10	UG/KG	1
Carbon Disulfide	5	UG/KG	U	NP	5	UG/KG	1
1,1-Dichloroethene	5	UG/KG	U	NP	5	UG/KG	1
1,1-Dichloroethane	5	UG/KG	U	NP	5	UG/KG	1
1,2-Dichloroethene (total)	5	UG/KG	U	NP	5	UG/KG	1
Chloroform	5	UG/KG	U	NP	5	UG/KG	1
1,2-Dichloroethane	5	UG/KG	U	NP	5	UG/KG	1
2-Butanone	10	UG/KG	U	NP	10	UG/KG	1
1,1,1-Trichloroethane	5	UG/KG	U	NP	5	UG/KG	1
Carbon Tetrachloride	5	UG/KG	U	NP	5	UG/KG	1
Vinyl Acetate	10	UG/KG	U	NP	10	UG/KG	1
Bromodichloromethane	5	UG/KG	U	NP	5	UG/KG	1
1,2-Dichloropropane	5	UG/KG	U	NP	5	UG/KG	1
cis-1,3-Dichloropropene	5	UG/KG	U	NP	5	UG/KG	1
Trichloroethene	5	UG/KG	U	NP	5	UG/KG	1
Dibromochloromethane	5	UG/KG	U	NP	5	UG/KG	1
1,1,2-Trichloroethane	5	UG/KG	U	NP	5	UG/KG	1
Benzene	5	UG/KG	U	NP	5	UG/KG	1
trans-1,3-Dichloropropene	5	UG/KG	U	NP	5	UG/KG	1
Bromoform	5	UG/KG	U	NP	5	UG/KG	1
4-Methyl-2-Pentanone	10	UG/KG	U	NP	10	UG/KG	1
2-Hexanone	10	UG/KG	U	NP	10	UG/KG	1
Tetrachloroethene	28	UG/KG	U	NP	5	UG/KG	1
1,1,2,2-Tetrachloroethane	5	UG/KG	U	NP	5	UG/KG	1
Toluene	5	UG/KG	U	NP	5	UG/KG	1
Chlorobenzene	5	UG/KG	U	NP	5	UG/KG	1
Ethylbenzene	5	UG/KG	U	NP	5	UG/KG	1
Styrene	5	UG/KG	U	NP	5	UG/KG	1
Xylenes (total)	5	UG/KG	U	NP	5	UG/KG	1
Unknown-1	100	UG/KG	J	NP		UG/KG	1
Unknown-2	230	UG/KG	J	NP		UG/KG	1
Unknown-3	130	UG/KG	J	NP		UG/KG	1
Unknown C11H14-1	150	UG/KG	J	NP		UG/KG	1
Naphthalene	170	UG/KG	J	NP		UG/KG	1
Unknown-4	430	UG/KG	J	NP		UG/KG	1
Unknown C11H14-2	300	UG/KG	J	NP		UG/KG	1
Unknown C11H14-3	280	UG/KG	J	NP		UG/KG	1
Unknown C11H14-4	800	UG/KG	J	NP		UG/KG	1
Unknown-5	130	UG/KG	J	NP		UG/KG	1
Toluene-d8 (SURR)	103	%				%	1
Bromofluorobenzene (SURR)	100	%				%	1
1,2-Dichloroethane-d4 (SURR)	97	%				%	1

Appendix C: Results of Volatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL.	DATA VALID.	CRDL	UNITS	DILUTION
TR13-ES-212-1150-6							
Chloromethane	10	UG/KG	U	NP	10	UG/KG	1
Bromomethane	10	UG/KG	U	NP	10	UG/KG	1
Vinyl Chloride	10	UG/KG	U	NP	10	UG/KG	1
Chloroethane	10	UG/KG	U	NP	10	UG/KG	1
Methylene Chloride	5	UG/KG	U	NP	5	UG/KG	1
Acetone	10	UG/KG	U	NP	10	UG/KG	1
Carbon Disulfide	5	UG/KG	U	NP	5	UG/KG	1
1,1-Dichloroethene	5	UG/KG	U	NP	5	UG/KG	1
1,1-Dichloroethane	5	UG/KG	U	NP	5	UG/KG	1
1,2-Dichloroethene (total)	5	UG/KG	U	NP	5	UG/KG	1
Chloroform	5	UG/KG	U	NP	5	UG/KG	1
1,2-Dichloroethane	5	UG/KG	U	NP	5	UG/KG	1
2-Butanone	10	UG/KG	U	NP	10	UG/KG	1
1,1,1-Trichloroethane	5	UG/KG	U	NP	5	UG/KG	1
Carbon Tetrachloride	5	UG/KG	U	NP	5	UG/KG	1
Vinyl Acetate	10	UG/KG	U	NP	10	UG/KG	1
Bromodichloromethane	5	UG/KG	U	NP	5	UG/KG	1
1,2-Dichloropropane	5	UG/KG	U	NP	5	UG/KG	1
cis-1,3-Dichloropropene	5	UG/KG	U	NP	5	UG/KG	1
Trichloroethene	19	UG/KG		NP	5	UG/KG	1
Dibromochloromethane	5	UG/KG	U	NP	5	UG/KG	1
1,1,2-Trichloroethane	5	UG/KG	U	NP	5	UG/KG	1
Benzene	5	UG/KG	U	NP	5	UG/KG	1
trans-1,3-Dichloropropene	5	UG/KG	U	NP	5	UG/KG	1
Bromoform	5	UG/KG	U	NP	5	UG/KG	1
4-Methyl-2-Pentanone	10	UG/KG	U	NP	10	UG/KG	1
2-Hexanone	10	UG/KG	U	NP	10	UG/KG	1
Tetrachloroethene	18	UG/KG		NP	5	UG/KG	1
1,1,2,2-Tetrachloroethane	5	UG/KG		NP	5	UG/KG	1
Toluene	3	UG/KG	J	NP	5	UG/KG	1
Chlorobenzene	5	UG/KG	U	NP	5	UG/KG	1
Ethylbenzene	6	UG/KG		NP	5	UG/KG	1
Styrene	5	UG/KG	U	NP	5	UG/KG	1
Xylenes (total)	12	UG/KG		NP	5	UG/KG	1
Unknown-1	450	UG/KG	J	NP		UG/KG	1
Unknown-2	680	UG/KG	J	NP		UG/KG	1
Unknown Alkane-1	1000	UG/KG	J	NP		UG/KG	1
Unknown Alkane-2	1300	UG/KG	J	NP		UG/KG	1
Unknown Alkane-3	760	UG/KG	J	NP		UG/KG	1
Naphthalene	1400	UG/KG	J	NP		UG/KG	1
Unknown-3	1300	UG/KG	J	NP		UG/KG	1
Unknown-4	1000	UG/KG	J	NP		UG/KG	1
Unknown-5	1300	UG/KG	J	NP		UG/KG	1
Unknown-6	2400	UG/KG	J	NP		UG/KG	1
Toluene-d8 (SURRE)	103	%				%	1
Bromofluorobenzene (SURRE)	104	%				%	1
1,2-Dichloroethane-d4 (SURRE)	110	%				%	1

Appendix C: Results of Volatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL.	DATA VALID.	CRDL	UNITS	DILUTION
TR14-ES-80-1189-5							
Chloromethane	10	UG/KG	U	NP	10	UG/KG	1
Bromomethane	10	UG/KG	U	NP	10	UG/KG	1
Vinyl Chloride	10	UG/KG	U	NP	10	UG/KG	1
Chloroethane	10	UG/KG	U	NP	10	UG/KG	1
Methylene Chloride	5	UG/KG	U	NP	5	UG/KG	1
Acetone	10	UG/KG	U	NP	10	UG/KG	1
Carbon Disulfide	5	UG/KG	U	NP	5	UG/KG	1
1,1-Dichloroethene	5	UG/KG	U	NP	5	UG/KG	1
1,1-Dichloroethane	5	UG/KG	U	NP	5	UG/KG	1
1,2-Dichloroethene (total)	5	UG/KG	U	NP	5	UG/KG	1
Chloroform	5	UG/KG	U	NP	5	UG/KG	1
1,2-Dichloroethane	5	UG/KG	U	NP	5	UG/KG	1
2-Butanone	10	UG/KG	U	NP	10	UG/KG	1
1,1,1-Trichloroethane	5	UG/KG	U	NP	5	UG/KG	1
Carbon Tetrachloride	5	UG/KG	U	NP	5	UG/KG	1
Vinyl Acetate	10	UG/KG	U	NP	10	UG/KG	1
Bromodichloromethane	5	UG/KG	U	NP	5	UG/KG	1
1,2-Dichloropropane	5	UG/KG	U	NP	5	UG/KG	1
cis-1,3-Dichloropropene	5	UG/KG	U	NP	5	UG/KG	1
Trichloroethene	5	UG/KG	U	NP	5	UG/KG	1
Dibromochloromethane	5	UG/KG	U	NP	5	UG/KG	1
1,1,2-Trichloroethane	5	UG/KG	U	NP	5	UG/KG	1
Benzene	5	UG/KG	U	NP	5	UG/KG	1
trans-1,3-Dichloropropene	5	UG/KG	U	NP	5	UG/KG	1
Bromoform	5	UG/KG	U	NP	5	UG/KG	1
4-Methyl-2-Pentanone	10	UG/KG	U	NP	10	UG/KG	1
2-Hexanone	10	UG/KG	U	NP	10	UG/KG	1
Tetrachloroethene	5	UG/KG	U	NP	5	UG/KG	1
1,1,2,2-Tetrachloroethane	5	UG/KG	U	NP	5	UG/KG	1
Toluene	5	UG/KG	U	NP	5	UG/KG	1
Chlorobenzene	5	UG/KG	U	NP	5	UG/KG	1
Ethylbenzene	5	UG/KG	U	NP	5	UG/KG	1
Styrene	5	UG/KG	U	NP	5	UG/KG	1
Xylenes (total)	5	UG/KG	U	NP	5	UG/KG	1
Unknown-1	5	UG/KG	J	NP		UG/KG	1
Unknown-2	6	UG/KG	J	NP		UG/KG	1
Unknown-3	8	UG/KG	J	NP		UG/KG	1
Unknown-4	10	UG/KG	J	NP		UG/KG	1
Unknown-5	7	UG/KG	J	NP		UG/KG	1
Unknown-6	7	UG/KG	J	NP		UG/KG	1
Unknown-7	28	UG/KG	J	NP		UG/KG	1
Toluene-d8 (SARR)	98	%				%	1
Bromofluorobenzene (SARR)	106	%				%	1
1,2-Dichloroethane-d4 (SARR)	109	%				%	1

Appendix C: Results of Volatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL.	DATA VALID.	CRDL	UNITS	DILUTION
TR14-ES-90-1200-3							
Chloromethane	10	UG/KG	U	NP	10	UG/KG	1
Bromomethane	10	UG/KG	U	NP	10	UG/KG	1
Vinyl Chloride	10	UG/KG	U	NP	10	UG/KG	1
Chloroethane	10	UG/KG	U	NP	10	UG/KG	1
Methylene Chloride	5	UG/KG	U	NP	5	UG/KG	1
Acetone	10	UG/KG	U	NP	10	UG/KG	1
Carbon Disulfide	5	UG/KG	U	NP	5	UG/KG	1
1,1-Dichloroethene	5	UG/KG	U	NP	5	UG/KG	1
1,1-Dichloroethane	5	UG/KG	U	NP	5	UG/KG	1
1,2-Dichloroethene (total)	5	UG/KG	U	NP	5	UG/KG	1
Chloroform	5	UG/KG	U	NP	5	UG/KG	1
1,2-Dichloroethane	5	UG/KG	U	NP	5	UG/KG	1
2-Butanone	10	UG/KG	U	NP	10	UG/KG	1
1,1,1-Trichloroethane	5	UG/KG	U	NP	5	UG/KG	1
Carbon Tetrachloride	5	UG/KG	U	NP	5	UG/KG	1
Vinyl Acetate	10	UG/KG	U	NP	10	UG/KG	1
Bromodichloromethane	5	UG/KG	U	NP	5	UG/KG	1
1,2-Dichloropropane	5	UG/KG	U	NP	5	UG/KG	1
cis-1,3-Dichloropropene	5	UG/KG	U	NP	5	UG/KG	1
Trichloroethene	5	UG/KG	U	NP	5	UG/KG	1
Dibromochloromethane	5	UG/KG	U	NP	5	UG/KG	1
1,1,2-Trichloroethane	5	UG/KG	U	NP	5	UG/KG	1
Benzene	5	UG/KG	U	NP	5	UG/KG	1
trans-1,3-Dichloropropene	5	UG/KG	U	NP	5	UG/KG	1
Bromoform	5	UG/KG	U	NP	5	UG/KG	1
4-Methyl-2-Pentanone	10	UG/KG	U	NP	10	UG/KG	1
2-Hexanone	10	UG/KG	U	NP	10	UG/KG	1
Tetrachloroethene	5	UG/KG	U	NP	5	UG/KG	1
1,1,2,2-Tetrachloroethane	5	UG/KG	U	NP	5	UG/KG	1
Toluene	5	UG/KG	U	NP	5	UG/KG	1
Chlorobenzene	5	UG/KG	U	NP	5	UG/KG	1
Ethylbenzene	5	UG/KG	U	NP	5	UG/KG	1
Styrene	5	UG/KG	U	NP	5	UG/KG	1
Xylenes (total)	5	UG/KG	U	NP	5	UG/KG	1
Unknown-1	13	UG/KG	J	NP		UG/KG	1
Unknown Alkane-1	36	UG/KG	J	NP		UG/KG	1
Unknown-2	13	UG/KG	J	NP		UG/KG	1
Unknown-3	18	UG/KG	J	NP		UG/KG	1
Unknown-4	32	UG/KG	J	NP		UG/KG	1
Unknown-5	17	UG/KG	J	NP		UG/KG	1
Unknown Alkane-2	57	UG/KG	J	NP		UG/KG	1
Unknown-6	79	UG/KG	J	NP		UG/KG	1
Unknown-7	9	UG/KG	J	NP		UG/KG	1
Unknown-8	16	UG/KG	J	NP		UG/KG	1
Toluene-d8 (SURR)	98	%				%	1
Bromofluorobenzene (SURR)	106	%				%	1
1,2-Dichloroethane-d4 (SURR)	111	%				%	1

Appendix C: Results of Volatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL.	DATA VALID.	CRDL	UNITS	DILUTION
TR-15-ES-20-1180-.5							
Chloromethane	10	UG/KG	U	NP	10	UG/KG	1
Bromomethane	10	UG/KG	U	NP	10	UG/KG	1
Vinyl Chloride	10	UG/KG	U	NP	10	UG/KG	1
Chloroethane	10	UG/KG	U	NP	10	UG/KG	1
Methylene Chloride	5	UG/KG	U	NP	5	UG/KG	1
Acetone	10	UG/KG	U	NP	10	UG/KG	1
Carbon Disulfide	5	UG/KG	U	NP	5	UG/KG	1
1,1-Dichloroethene	5	UG/KG	U	NP	5	UG/KG	1
1,1-Dichloroethane	5	UG/KG	U	NP	5	UG/KG	1
1,2-Dichloroethene (total)	5	UG/KG	U	NP	5	UG/KG	1
Chloroform	5	UG/KG	U	NP	5	UG/KG	1
1,2-Dichloroethane	5	UG/KG	U	NP	5	UG/KG	1
2-Butanone	10	UG/KG	U	NP	10	UG/KG	1
1,1,1-Trichloroethane	5	UG/KG	U	NP	5	UG/KG	1
Carbon Tetrachloride	5	UG/KG	U	NP	5	UG/KG	1
Vinyl Acetate	10	UG/KG	U	NP	10	UG/KG	1
Bromodichloromethane	5	UG/KG	U	NP	5	UG/KG	1
1,2-Dichloropropane	5	UG/KG	U	NP	5	UG/KG	1
cis-1,3-Dichloropropene	5	UG/KG	U	NP	5	UG/KG	1
Trichloroethene	5	UG/KG	U	NP	5	UG/KG	1
Dibromochloromethane	5	UG/KG	U	NP	5	UG/KG	1
1,1,2-Trichloroethane	5	UG/KG	U	NP	5	UG/KG	1
Benzene	5	UG/KG	U	NP	5	UG/KG	1
trans-1,3-Dichloropropene	5	UG/KG	U	NP	5	UG/KG	1
Bromoform	5	UG/KG	U	NP	5	UG/KG	1
4-Methyl-2-Pentanone	10	UG/KG	U	NP	10	UG/KG	1
2-Hexanone	10	UG/KG	U	NP	10	UG/KG	1
Tetrachloroethene	5	UG/KG	U	NP	5	UG/KG	1
1,1,2,2-Tetrachloroethane	5	UG/KG	U	NP	5	UG/KG	1
Toluene	5	UG/KG	U	NP	5	UG/KG	1
Chlorobenzene	5	UG/KG	U	NP	5	UG/KG	1
Ethylbenzene	5	UG/KG	U	NP	5	UG/KG	1
Styrene	5	UG/KG	U	NP	5	UG/KG	1
Xylenes (total)	5	UG/KG	U	NP	5	UG/KG	1
Unknown	100	UG/KG	J	NP		UG/KG	1
Toluene-d8 (SURR)	105	%				%	1
Bromofluorobenzene (SURR)	98	%				%	1
1,2-Dichloroethane-d4 (SURR)	114	%				%	1

Appendix C: Results of Volatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL.	DATA VALID.	CRDL	UNITS	DILUTION
TR-15-ES-20-1180-.5 MS							
1,1-Dichloroethene	137	%		NP		%	1
Trichloroethene	131	%		NP		%	1
Benzene	138	%		NP		%	1
Toluene	138	%		NP		%	1
Chlorobenzene	139	%	*	NP		%	1
Toluene-d8 (SURR)	106	%		NP		%	1
Bromofluorobenzene (SURR)	102	%		NP		%	1
1,2-Dichloroethane-d4 (SURR)	104	%		NP		%	1
TR-15-ES-20-1180-.5 MSD							
1,1-Dichloroethene	141	%		NP		%	1
Trichloroethene	135	%		NP		%	1
Benzene	146	%	*	NP		%	1
Toluene	145	%	*	NP		%	1
Chlorobenzene	141	%	*	NP		%	1
Toluene-d8 (SURR)	105	%		NP		%	1
Bromofluorobenzene (SURR)	96	%		NP		%	1
1,2-Dichloroethane-d4 (SURR)	103	%		NP		%	1

Appendix C: Results of Volatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL.	DATA VALID.	CRDL	UNITS	DILUTION
TR16-ES-200-80-1.5							
Chloromethane	10	UG/KG	U	NP	10	UG/KG	1
Bromomethane	10	UG/KG	U	NP	10	UG/KG	1
Vinyl Chloride	10	UG/KG	U	NP	10	UG/KG	1
Chloroethane	10	UG/KG	U	NP	10	UG/KG	1
Methylene Chloride	5	UG/KG	U	NP	5	UG/KG	1
Acetone	17	UG/KG		NP	10	UG/KG	1
Carbon Disulfide	5	UG/KG	U	NP	5	UG/KG	1
1,1-Dichloroethene	5	UG/KG	U	NP	5	UG/KG	1
1,1-Dichloroethane	5	UG/KG	U	NP	5	UG/KG	1
1,2-Dichloroethene (total)	5	UG/KG	U	NP	5	UG/KG	1
Chloroform	5	UG/KG	U	NP	5	UG/KG	1
1,2-Dichloroethane	5	UG/KG	U	NP	5	UG/KG	1
2-Butanone	10	UG/KG	U	NP	10	UG/KG	1
1,1,1-Trichloroethane	5	UG/KG	U	NP	5	UG/KG	1
Carbon Tetrachloride	5	UG/KG	U	NP	5	UG/KG	1
Vinyl Acetate	10	UG/KG	U	NP	10	UG/KG	1
Bromodichloromethane	5	UG/KG	U	NP	5	UG/KG	1
1,2-Dichloropropane	5	UG/KG	U	NP	5	UG/KG	1
cis-1,3-Dichloropropene	5	UG/KG	U	NP	5	UG/KG	1
Trichloroethene	5	UG/KG	U	NP	5	UG/KG	1
Dibromochloromethane	5	UG/KG	U	NP	5	UG/KG	1
1,1,2-Trichloroethane	5	UG/KG	U	NP	5	UG/KG	1
Benzene	5	UG/KG	U	NP	5	UG/KG	1
trans-1,3-Dichloropropene	5	UG/KG	U	NP	5	UG/KG	1
Bromoform	5	UG/KG	U	NP	5	UG/KG	1
4-Methyl-2-Pentanone	10	UG/KG	U	NP	10	UG/KG	1
2-Hexanone	10	UG/KG	U	NP	10	UG/KG	1
Tetrachloroethene	5	UG/KG	U	NP	5	UG/KG	1
1,1,2,2-Tetrachloroethane	5	UG/KG	U	NP	5	UG/KG	1
Toluene	5	UG/KG	U	NP	5	UG/KG	1
Chlorobenzene	5	UG/KG	U	NP	5	UG/KG	1
Ethylbenzene	5	UG/KG	U	NP	5	UG/KG	1
Styrene	5	UG/KG	U	NP	5	UG/KG	1
Xylenes (total)	5	UG/KG	U	NP	5	UG/KG	1
Toluene-d8 (SURR)	101	%				%	1
Bromofluorobenzene (SURR)	102	%				%	1
1,2-Dichloroethane-d4 (SURR)	104	%				%	1

Appendix C: Results of Volatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL.	DATA VALID.	CRDL	UNITS	DILUTION
TR17-ES-30-120-5							
Chloromethane	10	UG/KG	U	NP	10	UG/KG	1
Bromomethane	10	UG/KG	U	NP	10	UG/KG	1
Vinyl Chloride	10	UG/KG	U	NP	10	UG/KG	1
Chloroethane	10	UG/KG	U	NP	10	UG/KG	1
Methylene Chloride	5	UG/KG	U	NP	5	UG/KG	1
Acetone	10	UG/KG	U	NP	10	UG/KG	1
Carbon Disulfide	5	UG/KG	U	NP	5	UG/KG	1
1,1-Dichloroethene	5	UG/KG	U	NP	5	UG/KG	1
1,1-Dichloroethane	5	UG/KG	U	NP	5	UG/KG	1
1,2-Dichloroethene (total)	5	UG/KG	U	NP	5	UG/KG	1
Chloroform	5	UG/KG	U	NP	5	UG/KG	1
1,2-Dichloroethane	5	UG/KG	U	NP	5	UG/KG	1
2-Butanone	10	UG/KG	U	NP	10	UG/KG	1
1,1,1-Trichloroethane	5	UG/KG	U	NP	5	UG/KG	1
Carbon Tetrachloride	5	UG/KG	U	NP	5	UG/KG	1
Vinyl Acetate	10	UG/KG	U	NP	10	UG/KG	1
Bromodichloromethane	5	UG/KG	U	NP	5	UG/KG	1
1,2-Dichloropropane	5	UG/KG	U	NP	5	UG/KG	1
cis-1,3-Dichloropropene	5	UG/KG	U	NP	5	UG/KG	1
Trichloroethene	5	UG/KG	U	NP	5	UG/KG	1
Dibromochloromethane	5	UG/KG	U	NP	5	UG/KG	1
1,1,2-Trichloroethane	5	UG/KG	U	NP	5	UG/KG	1
Benzene	5	UG/KG	U	NP	5	UG/KG	1
trans-1,3-Dichloropropene	5	UG/KG	U	NP	5	UG/KG	1
Bromoform	5	UG/KG	U	NP	5	UG/KG	1
4-Methyl-2-Pentanone	10	UG/KG	U	NP	10	UG/KG	1
2-Hexanone	10	UG/KG	U	NP	10	UG/KG	1
Tetrachloroethene	5	UG/KG	U	NP	5	UG/KG	1
1,1,2,2-Tetrachloroethane	5	UG/KG	U	NP	5	UG/KG	1
Toluene	5	UG/KG	U	NP	5	UG/KG	1
Chlorobenzene	5	UG/KG	U	NP	5	UG/KG	1
Ethylbenzene	5	UG/KG	U	NP	5	UG/KG	1
Styrene	5	UG/KG	U	NP	5	UG/KG	1
Xylenes (total)	5	UG/KG	U	NP	5	UG/KG	1
Toluene-d8 (SURR)	105	%				%	1
Bromofluorobenzene (SURR)	98	%				%	1
1,2-Dichloroethane-d4 (SURR)	106	%				%	1

Appendix C: Results of Volatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL.	DATA VALID.	CRDL	UNITS	DILUTION
TR17-ES-30-125-8							
Chloromethane	10	UG/KG	U	NP	10	UG/KG	1
Bromomethane	10	UG/KG	U	NP	10	UG/KG	1
Vinyl Chloride	10	UG/KG	U	NP	10	UG/KG	1
Chloroethane	10	UG/KG	U	NP	10	UG/KG	1
Methylene Chloride	5	UG/KG	U	NP	5	UG/KG	1
Acetone	10	UG/KG	U	NP	10	UG/KG	1
Carbon Disulfide	5	UG/KG	U	NP	5	UG/KG	1
1,1-Dichloroethene	5	UG/KG	U	NP	5	UG/KG	1
1,1-Dichloroethane	5	UG/KG	U	NP	5	UG/KG	1
1,2-Dichloroethene (total)	5	UG/KG	U	NP	5	UG/KG	1
Chloroform	5	UG/KG	U	NP	5	UG/KG	1
1,2-Dichloroethane	5	UG/KG	U	NP	5	UG/KG	1
2-Butanone	10	UG/KG	U	NP	10	UG/KG	1
1,1,1-Trichloroethane	5	UG/KG	U	NP	5	UG/KG	1
Carbon Tetrachloride	5	UG/KG	U	NP	5	UG/KG	1
Vinyl Acetate	10	UG/KG	U	NP	10	UG/KG	1
Bromodichloromethane	5	UG/KG	U	NP	5	UG/KG	1
1,2-Dichloropropane	5	UG/KG	U	NP	5	UG/KG	1
cis-1,3-Dichloropropene	5	UG/KG	U	NP	5	UG/KG	1
Trichloroethene	5	UG/KG	U	NP	5	UG/KG	1
Dibromochloromethane	5	UG/KG	U	NP	5	UG/KG	1
1,1,2-Trichloroethane	5	UG/KG	U	NP	5	UG/KG	1
Benzene	5	UG/KG	U	NP	5	UG/KG	1
trans-1,3-Dichloropropene	5	UG/KG	U	NP	5	UG/KG	1
Bromoform	5	UG/KG	U	NP	5	UG/KG	1
4-Methyl-2-Pentanone	10	UG/KG	U	NP	10	UG/KG	1
2-Hexanone	10	UG/KG	U	NP	10	UG/KG	1
Tetrachloroethene	5	UG/KG	U	NP	5	UG/KG	1
1,1,2,2-Tetrachloroethane	5	UG/KG	U	NP	5	UG/KG	1
Toluene	5	UG/KG	U	NP	5	UG/KG	1
Chlorobenzene	5	UG/KG	U	NP	5	UG/KG	1
Ethylbenzene	5	UG/KG	U	NP	5	UG/KG	1
Styrene	5	UG/KG	U	NP	5	UG/KG	1
Xylenes (total)	5	UG/KG	U	NP	5	UG/KG	1
Toluene-d8 (SURR)	110	%				%	1
Bromofluorobenzene (SURR)	94	%				%	1
1,2-Dichloroethane-d4 (SURR)	101	%				%	1

Appendix C: Results of Volatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL.	DATA VALID.	CRDL	UNITS	DILUTION
TR18-BS-90-150A-E							
Chloromethane	10	UG/KG	U	NP	10	UG/KG	1
Bromomethane	10	UG/KG	U	NP	10	UG/KG	1
Vinyl Chloride	10	UG/KG	U	NP	10	UG/KG	1
Chloroethane	10	UG/KG	U	NP	10	UG/KG	1
Methylene Chloride	1	UG/KG	J	NP	5	UG/KG	1
Acetone	10	UG/KG	U	NP	10	UG/KG	1
Carbon Disulfide	5	UG/KG	U	NP	5	UG/KG	1
1,1-Dichloroethene	5	UG/KG	U	NP	5	UG/KG	1
1,1-Dichloroethane	5	UG/KG	U	NP	5	UG/KG	1
1,2-Dichloroethene (total)	5	UG/KG	U	NP	5	UG/KG	1
Chloroform	5	UG/KG	U	NP	5	UG/KG	1
1,2-Dichloroethane	5	UG/KG	U	NP	5	UG/KG	1
2-Butanone	10	UG/KG	U	NP	10	UG/KG	1
1,1,1-Trichloroethane	5	UG/KG	U	NP	5	UG/KG	1
Carbon Tetrachloride	5	UG/KG	U	NP	5	UG/KG	1
Vinyl Acetate	10	UG/KG	U	NP	10	UG/KG	1
Bromodichloromethane	5	UG/KG	U	NP	5	UG/KG	1
1,2-Dichloropropane	5	UG/KG	U	NP	5	UG/KG	1
cis-1,3-Dichloropropene	5	UG/KG	U	NP	5	UG/KG	1
Trichloroethene	5	UG/KG	U	NP	5	UG/KG	1
Dibromochloromethane	5	UG/KG	U	NP	5	UG/KG	1
1,1,2-Trichloroethane	5	UG/KG	U	NP	5	UG/KG	1
Benzene	5	UG/KG	U	NP	5	UG/KG	1
trans-1,3-Dichloropropene	5	UG/KG	U	NP	5	UG/KG	1
Bromoform	5	UG/KG	U	NP	5	UG/KG	1
4-Methyl-2-Pentanone	10	UG/KG	U	NP	10	UG/KG	1
2-Hexanone	10	UG/KG	U	NP	10	UG/KG	1
Tetrachloroethene	5	UG/KG	U	NP	5	UG/KG	1
1,1,2,2-Tetrachloroethane	5	UG/KG	U	NP	5	UG/KG	1
Toluene	5	UG/KG	U	NP	5	UG/KG	1
Chlorobenzene	5	UG/KG	U	NP	5	UG/KG	1
Ethylbenzene	5	UG/KG	U	NP	5	UG/KG	1
Styrene	5	UG/KG	U	NP	5	UG/KG	1
Xylenes (total)	5	UG/KG	U	NP	5	UG/KG	1
Toluene-d8 (SURR)	102	%				%	1
Bromofluorobenzene (SURR)	101	%				%	1
1,2-Dichloroethane-d4 (SURR)	104	%				%	1

Appendix C: Results of Volatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL.	DATA VALID.	CRDL	UNITS	DILUTION
TR19-BS-0-150A-E							
Chloromethane	10	UG/KG	U	NP	10	UG/KG	1
Bromomethane	10	UG/KG	U	NP	10	UG/KG	1
Vinyl Chloride	10	UG/KG	U	NP	10	UG/KG	1
Chloroethane	10	UG/KG	U	NP	10	UG/KG	1
Methylene Chloride	5	UG/KG	U	NP	5	UG/KG	1
Acetone	31	UG/KG		NP	10	UG/KG	1
Carbon Disulfide	5	UG/KG	U	NP	5	UG/KG	1
1,1-Dichloroethene	5	UG/KG	U	NP	5	UG/KG	1
1,1-Dichloroethane	5	UG/KG	U	NP	5	UG/KG	1
1,2-Dichloroethene (total)	5	UG/KG	U	NP	5	UG/KG	1
Chloroform	5	UG/KG	U	NP	5	UG/KG	1
1,2-Dichloroethane	5	UG/KG	U	NP	5	UG/KG	1
2-Butanone	10	UG/KG	U	NP	10	UG/KG	1
1,1,1-Trichloroethane	5	UG/KG	U	NP	5	UG/KG	1
Carbon Tetrachloride	5	UG/KG	U	NP	5	UG/KG	1
Vinyl Acetate	10	UG/KG	U	NP	10	UG/KG	1
Bromodichloromethane	5	UG/KG	U	NP	5	UG/KG	1
1,2-Dichloropropane	5	UG/KG	U	NP	5	UG/KG	1
cis-1,3-Dichloropropene	5	UG/KG	U	NP	5	UG/KG	1
Trichloroethene	5	UG/KG	U	NP	5	UG/KG	1
Dibromochloromethane	5	UG/KG	U	NP	5	UG/KG	1
1,1,2-Trichloroethane	5	UG/KG	U	NP	5	UG/KG	1
Benzene	5	UG/KG	U	NP	5	UG/KG	1
trans-1,3-Dichloropropene	5	UG/KG	U	NP	5	UG/KG	1
Bromoform	5	UG/KG	U	NP	5	UG/KG	1
4-Methyl-2-Pentanone	10	UG/KG	U	NP	10	UG/KG	1
2-Hexanone	10	UG/KG	U	NP	10	UG/KG	1
Tetrachloroethene	5	UG/KG	U	NP	5	UG/KG	1
1,1,2,2-Tetrachloroethane	5	UG/KG	U	NP	5	UG/KG	1
Toluene	5	UG/KG	U	NP	5	UG/KG	1
Chlorobenzene	5	UG/KG	U	NP	5	UG/KG	1
Ethylbenzene	5	UG/KG	U	NP	5	UG/KG	1
Styrene	5	UG/KG	U	NP	5	UG/KG	1
Xylenes (total)	5	UG/KG	U	NP	5	UG/KG	1
Unknown Alkane-1	32	UG/KG	J	NP		UG/KG	1
Unknown Alkane-2	97	UG/KG	J	NP		UG/KG	1
Unknown C10H12-1	67	UG/KG	J	NP		UG/KG	1
Naphthalene	66	UG/KG	J	NP		UG/KG	1
Unknown-1	92	UG/KG	J	NP		UG/KG	1
Unknown-2	76	UG/KG	J	NP		UG/KG	1
Unknown Alkane-3	54	UG/KG	J	NP		UG/KG	1
Unknown C11H14-2	53	UG/KG	J	NP		UG/KG	1
Unknown C11H14-3	250	UG/KG	J	NP		UG/KG	1
Unknown-3	45	UG/KG	J	NP		UG/KG	1
Toluene-d8 (SURR)	101	%				%	1
Bromofluorobenzene (SURR)	100	%				%	1
1,2-Dichloroethane-d4 (SURR)	100	%				%	1

Appendix C: Results of Volatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL.	DATA VALID.	CRDL	UNITS	DILUTION
TRIP BLANK							
Chloromethane	10	UG/L	U	---	10	UG/L	1
Bromomethane	10	UG/L	U	---	10	UG/L	1
Vinyl Chloride	10	UG/L	U	---	10	UG/L	1
Chloroethane	10	UG/L	U	---	10	UG/L	1
Methylene Chloride	5	UG/L	U	---	5	UG/L	1
Acetone	41	UG/L	B	W	10	UG/L	1
Carbon Disulfide	5	UG/L	U	---	5	UG/L	1
1,1-Dichloroethene	5	UG/L	U	---	5	UG/L	1
1,1-Dichloroethane	5	UG/L	U	---	5	UG/L	1
1,2-Dichloroethene (total)	5	UG/L	U	---	5	UG/L	1
Chloroform	5	UG/L	U	---	5	UG/L	1
1,2-Dichloroethane	5	UG/L	U	---	5	UG/L	1
2-Butanone	10	UG/L	U	---	10	UG/L	1
1,1,1-Trichloroethane	5	UG/L	U	---	5	UG/L	1
Carbon Tetrachloride	5	UG/L	U	---	5	UG/L	1
Vinyl Acetate	10	UG/L	U	---	10	UG/L	1
Bromodichloromethane	5	UG/L	U	---	5	UG/L	1
1,2-Dichloropropane	5	UG/L	U	---	5	UG/L	1
cis-1,3-Dichloropropene	5	UG/L	U	---	5	UG/L	1
Trichloroethene	5	UG/L	U	---	5	UG/L	1
Dibromochloromethane	5	UG/L	U	---	5	UG/L	1
1,1,2-Trichloroethane	5	UG/L	U	---	5	UG/L	1
Benzene	5	UG/L	U	---	5	UG/L	1
trans-1,3-Dichloropropene	5	UG/L	U	---	5	UG/L	1
Bromoform	5	UG/L	U	---	5	UG/L	1
4-Methyl-2-Pentanone	10	UG/L	U	---	10	UG/L	1
2-Hexanone	10	UG/L	U	---	10	UG/L	1
Tetrachloroethene	5	UG/L	U	---	5	UG/L	1
1,1,2,2-Tetrachloroethane	5	UG/L	U	---	5	UG/L	1
Toluene	5	UG/L	U	---	5	UG/L	1
Chlorobenzene	5	UG/L	U	---	5	UG/L	1
Ethylbenzene	5	UG/L	U	---	5	UG/L	1
Styrene	5	UG/L	U	---	5	UG/L	1
Xylenes (total)	5	UG/L	U	---	5	UG/L	1
Toluene-d8 (SURR)	100	%				%	1
Bromofluorobenzene (SURR)	101	%				%	1
1,2-Dichloroethane-d4 (SURR)	108	%				%	1

Appendix D
Results of Semivolatile Organic Compound Analyses

Appendix D: Results of Semivolatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	NOTES	CRDL	UNITS	DILUTION
TR1-ES-001								
Phenol	330	UG/KG	U	---		330	UG/KG	1
bis(2-Chloroethyl) ether	330	UG/KG	U	---		330	UG/KG	1
2-Chlorophenol	330	UG/KG	U	---		330	UG/KG	1
1, 3-Dichlorobenzene	330	UG/KG	U	---		330	UG/KG	1
1, 4-Dichlorobenzene	330	UG/KG	U	---		330	UG/KG	1
Benzyl Alcohol	330	UG/KG	U	---		330	UG/KG	1
1, 2-Dichlorobenzene	330	UG/KG	U	---		330	UG/KG	1
2-Methylphenol	330	UG/KG	U	---		330	UG/KG	1
bis(2-Chloroisopropyl) ether	330	UG/KG	U	---		330	UG/KG	1
4-Methylphenol	330	UG/KG	U	---		330	UG/KG	1
N-Nitroso-di-nPropylamine	330	UG/KG	U	---		330	UG/KG	1
Hexachloroethane	330	UG/KG	U	---		330	UG/KG	1
Nitrobenzene	330	UG/KG	U	---		330	UG/KG	1
Isophorone	330	UG/KG	U	---		330	UG/KG	1
2-Nitrophenol	330	UG/KG	U	---		330	UG/KG	1
2, 4-Dimethylphenol	330	UG/KG	U	---		330	UG/KG	1
Benzoic Acid	1600	UG/KG	U	---		1600	UG/KG	1
bis(2Chloroethoxy)methane	330	UG/KG	U	---		330	UG/KG	1
2, 4-Dichlorophenol	330	UG/KG	U	---		330	UG/KG	1
1, 2, 4-Trichlorobenzene	330	UG/KG	U	---		330	UG/KG	1
Naphthalene	330	UG/KG	U	---		330	UG/KG	1
4-Chloroaniline	330	UG/KG	U	---		330	UG/KG	1
Hexachlorobutadiene	330	UG/KG	U	---		330	UG/KG	1
4-Chloro-3-Methylphenol	330	UG/KG	U	---		330	UG/KG	1
2-Methylnaphthalene	330	UG/KG	U	---		330	UG/KG	1
Hexachlorocyclopentadiene	330	UG/KG	U	---		330	UG/KG	1
2, 4, 6-Trichlorophenol	330	UG/KG	U	---		330	UG/KG	1
2, 4, 5-Trichlorophenol	1600	UG/KG	U	---		1600	UG/KG	1
2-Chloronaphthalene	330	UG/KG	U	---		330	UG/KG	1
2-Nitroaniline	1600	UG/KG	U	---		1600	UG/KG	1
Dimethyl Phthalate	330	UG/KG	U	---		330	UG/KG	1
Acenaphthylene	330	UG/KG	U	---		330	UG/KG	1
2, 6-Dinitrotoluene	330	UG/KG	U	---		330	UG/KG	1
3-Nitroaniline	1600	UG/KG	U	---		1600	UG/KG	1
Acenaphthene	330	UG/KG	U	---		330	UG/KG	1
2, 4-Dinitrophenol	1600	UG/KG	U	---		1600	UG/KG	1
4-Nitrophenol	1600	UG/KG	U	---		1600	UG/KG	1
Dibenzofuran	330	UG/KG	U	---		330	UG/KG	1
2, 4-Dinitrotoluene	330	UG/KG	U	---		330	UG/KG	1
Diethylphthalate	330	UG/KG	U	---		330	UG/KG	1
4-Chlorophenyl phenyl ether	330	UG/KG	U	---		330	UG/KG	1
Fluorene	330	UG/KG	U	---		330	UG/KG	1
4-Nitroaniline	1600	UG/KG	U	---		1600	UG/KG	1
4, 6-Dinitro-2-Methylphenol	1600	UG/KG	U	---		1600	UG/KG	1
N-Nitrosodiphenylamine	330	UG/KG	U	---		330	UG/KG	1
4-Bromophenyl phenyl ether	330	UG/KG	U	---		330	UG/KG	1
Hexachlorobenzene	330	UG/KG	U	---		330	UG/KG	1
Pentachlorophenol	1600	UG/KG	U	---		1600	UG/KG	1
Phenanthrene	330	UG/KG	U	---		330	UG/KG	1

Appendix D: Results of Semivolatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	NOTES	CRDL	UNITS	DILUTION
TR1-ES-001 (CON'T)								
Anthracene	330	UG/KG	U	--		330	UG/KG	1
Di-N-Butylphthalate	330	UG/KG	U	--		330	UG/KG	1
Fluoranthene	330	UG/KG	U	--		330	UG/KG	1
Pyrene	330	UG/KG	U	--		330	UG/KG	1
Butyl Benzyl Phthalate	330	UG/KG	U	--		330	UG/KG	1
3, 3'-Dichlorobenzidine	660	UG/KG	U	--		660	UG/KG	1
Benzo(a)Anthracene	330	UG/KG	U	--		330	UG/KG	1
Chrysene	330	UG/KG	U	--		330	UG/KG	1
bis(2-Ethylhexyl)phthalate	330	UG/KG	U	--		330	UG/KG	1
di-N-Octyl Phthalate	330	UG/KG	U	--		330	UG/KG	1
Benzo(b)Fluoranthene	330	UG/KG	U	--		330	UG/KG	1
Benzo(k)Fluoranthene	330	UG/KG	U	--		330	UG/KG	1
Benzo(a)Pyrene	330	UG/KG	U	--		330	UG/KG	1
Indeno(1,2,3-CD)Pyrene	330	UG/KG	U	--		330	UG/KG	1
Dibenzo(a,h)Anthracene	330	UG/KG	U	--		330	UG/KG	1
Benzo(g,h,i)Perylene	330	UG/KG	U	--		330	UG/KG	1
Nitrobenzene-d5	63	%					%	1
2-Fluorobiphenyl	59	%					%	1
Terphenyl-d14	71	%					%	1
Phenol-d5	80	%					%	1
2-Fluorophenol	70	%					%	1
2, 4, 6-Tribromophenol	58	%					%	1

Appendix D: Results of Semivolatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	NOTES	CRDL	UNITS	DILUTION
TR2-ES-355N-175E-5Z								
Phenol	330	UG/KG	U	---		330	UG/KG	1
bis(2-Chloroethyl) ether	330	UG/KG	U	---		330	UG/KG	1
2-Chlorophenol	330	UG/KG	U	---		330	UG/KG	1
1, 3-Dichlorobenzene	330	UG/KG	U	---		330	UG/KG	1
1, 4-Dichlorobenzene	330	UG/KG	U	---		330	UG/KG	1
Benzyl Alcohol	330	UG/KG	U	---		330	UG/KG	1
1, 2-Dichlorobenzene	330	UG/KG	U	---		330	UG/KG	1
2-Methylphenol	330	UG/KG	U	---		330	UG/KG	1
bis(2-Chloroisopropyl) ether	330	UG/KG	U	---		330	UG/KG	1
4-Methylphenol	330	UG/KG	U	---		330	UG/KG	1
N-Nitroso-di-nPropylamine	330	UG/KG	U	---		330	UG/KG	1
Hexachloroethane	330	UG/KG	U	---		330	UG/KG	1
Nitrobenzene	330	UG/KG	U	---		330	UG/KG	1
Isophorone	330	UG/KG	U	---		330	UG/KG	1
2-Nitrophenol	330	UG/KG	U	---		330	UG/KG	1
2, 4-Dimethylphenol	330	UG/KG	U	---		330	UG/KG	1
Benzoic Acid	1600	UG/KG	U	---		1600	UG/KG	1
bis(2Chloroethoxy)methane	330	UG/KG	U	---		330	UG/KG	1
2, 4-Dichlorophenol	330	UG/KG	U	---		330	UG/KG	1
1, 2, 4-Trichlorobenzene	330	UG/KG	U	---		330	UG/KG	1
Naphthalene	330	UG/KG	U	---		330	UG/KG	1
4-Chloroaniline	330	UG/KG	U	---		330	UG/KG	1
Hexachlorobutadiene	330	UG/KG	U	---		330	UG/KG	1
4-Chloro-3-Methylphenol	330	UG/KG	U	---		330	UG/KG	1
2-Methylnaphthalene	330	UG/KG	U	---		330	UG/KG	1
Hexachlorocyclopentadiene	330	UG/KG	U	---		330	UG/KG	1
2, 4, 6-Trichlorophenol	330	UG/KG	U	---		330	UG/KG	1
2, 4, 5-Trichlorophenol	1600	UG/KG	U	---		1600	UG/KG	1
2-Chloronaphthalene	330	UG/KG	U	---		330	UG/KG	1
2-Nitroaniline	1600	UG/KG	U	---		1600	UG/KG	1
Dimethyl Phthalate	330	UG/KG	U	---		330	UG/KG	1
Acenaphthylene	330	UG/KG	U	---		330	UG/KG	1
2, 6-Dinitrotoluene	330	UG/KG	U	---		330	UG/KG	1
3-Nitroaniline	1600	UG/KG	U	---		1600	UG/KG	1
Acenaphthene	330	UG/KG	U	---		330	UG/KG	1
2, 4-Dinitrophenol	1600	UG/KG	U	---		1600	UG/KG	1
4-Nitrophenol	1600	UG/KG	U	---		1600	UG/KG	1
Dibenzofuran	330	UG/KG	U	---		330	UG/KG	1
2, 4-Dinitrotoluene	330	UG/KG	U	---		330	UG/KG	1
Diethylphthalate	330	UG/KG	U	---		330	UG/KG	1
4-Chlorophenyl phenyl ether	330	UG/KG	U	---		330	UG/KG	1
Fluorene	330	UG/KG	U	---		330	UG/KG	1
4-Nitroaniline	1600	UG/KG	U	---		1600	UG/KG	1
4, 6-Dinitro-2-Methylphenol	1600	UG/KG	U	---		1600	UG/KG	1
N-Nitrosodiphenylamine	330	UG/KG	U	---		330	UG/KG	1
4-Bromophenyl phenyl ether	330	UG/KG	U	---		330	UG/KG	1
Hexachlorobenzene	330	UG/KG	U	---		330	UG/KG	1
Pentachlorophenol	1600	UG/KG	U	---		1600	UG/KG	1
Phenanthrene	330	UG/KG	U	---		330	UG/KG	1

Appendix D: Results of Semivolatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	NOTES	CRDL	UNITS	DILUTION
TR2-ES-355N-175E-5Z (CONT)								
Anthracene	330	UG/KG	U	---		330 UG/KG		1
Di-N-Butylphthalate	330	UG/KG	U	---		330 UG/KG		1
Fluoranthene	330	UG/KG	U	---		330 UG/KG		1
Pyrene	330	UG/KG	U	---		330 UG/KG		1
Butyl Benzyl Phthalate	330	UG/KG	U	---		330 UG/KG		1
3, 3'-Dichlorobenzidine	650	UG/KG	U	---		650 UG/KG		1
Benzo(a)Anthracene	330	UG/KG	U	---		330 UG/KG		1
Chrysene	330	UG/KG	U	---		330 UG/KG		1
bis(2-Ethylhexyl)phthalate	330	UG/KG	U	---		330 UG/KG		1
di-N-Octyl Phthalate	330	UG/KG	U	---		330 UG/KG		1
Benzo(b)Fluoranthene	330	UG/KG	U	---		330 UG/KG		1
Benzo(k)Fluoranthene	330	UG/KG	U	---		330 UG/KG		1
Benzo(a)Pyrene	330	UG/KG	U	---		330 UG/KG		1
Indeno(1,2,3-CD)Pyrene	330	UG/KG	U	---		330 UG/KG		1
Dibenzo(a,h)Anthracene	330	UG/KG	U	---		330 UG/KG		1
Benzo(g,h,i)Perylene	330	UG/KG	U	---		330 UG/KG		1
Nitrobenzene-d5	68	%				%		1
2-Fluorobiphenyl	62	%				%		1
Terphenyl-d14	72	%				%		1
Phenol-d5	78	%				%		1
2-Fluorophenol	67	%				%		1
2, 4, 6-Tribromophenol	61	%				%		1

Appendix D: Results of Semivolatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	NOTES	CRDL	UNITS	DILUTION
TR2-ES-356N-175E-8Z								
Phenol	330	UG/KG	U	—		330	UG/KG	1
bis(2-Chloroethyl) ether	330	UG/KG	U	---		330	UG/KG	1
2-Chlorophenol	330	UG/KG	U	---		330	UG/KG	1
1, 3-Dichlorobenzene	330	UG/KG	U	---		330	UG/KG	1
1, 4-Dichlorobenzene	330	UG/KG	U	—		330	UG/KG	1
Benzyl Alcohol	330	UG/KG	U	---		330	UG/KG	1
1, 2-Dichlorobenzene	330	UG/KG	U	---		330	UG/KG	1
2-Methylphenol	330	UG/KG	U	---		330	UG/KG	1
bis(2-Chloroisopropyl) ether	330	UG/KG	U	—		330	UG/KG	1
4-Methylphenol	330	UG/KG	U	---		330	UG/KG	1
N-Nitroso-di-nPropylamine	330	UG/KG	U	—		330	UG/KG	1
Hexachloroethane	330	UG/KG	U	---		330	UG/KG	1
Nitrobenzene	330	UG/KG	U	---		330	UG/KG	1
Isophorone	330	UG/KG	U	—		330	UG/KG	1
2-Nitrophenol	330	UG/KG	U	---		330	UG/KG	1
2, 4-Dimethylphenol	330	UG/KG	U	---		330	UG/KG	1
Benzoic Acid	1600	UG/KG	U	---		1600	UG/KG	1
bis(2Chloroethoxy)methane	330	UG/KG	U	—		330	UG/KG	1
2, 4-Dichlorophenol	330	UG/KG	U	---		330	UG/KG	1
1, 2, 4-Trichlorobenzene	330	UG/KG	U	---		330	UG/KG	1
Naphthalene	330	UG/KG	U	---		330	UG/KG	1
4-Chloroaniline	330	UG/KG	U	—		330	UG/KG	1
Hexachlorobutadiene	330	UG/KG	U	---		330	UG/KG	1
4-Chloro-3-Methylphenol	330	UG/KG	U	---		330	UG/KG	1
2-Methylnaphthalene	330	UG/KG	U	---		330	UG/KG	1
Hexachlorocyclopentadiene	330	UG/KG	U	---		330	UG/KG	1
2, 4, 6-Trichlorophenol	330	UG/KG	U	---		330	UG/KG	1
2, 4, 5-Trichlorophenol	1600	UG/KG	U	---		1600	UG/KG	1
2-Chloronaphthalene	330	UG/KG	U	---		330	UG/KG	1
2-Nitroaniline	1600	UG/KG	U	---		1600	UG/KG	1
Dimethyl Phthalate	330	UG/KG	U	---		330	UG/KG	1
Acenaphthylene	330	UG/KG	U	---		330	UG/KG	1
2, 6-Dinitrotoluene	330	UG/KG	U	—		330	UG/KG	1
3-Nitroaniline	1600	UG/KG	U	---		1600	UG/KG	1
Acenaphthene	330	UG/KG	U	---		330	UG/KG	1
2, 4-Dinitrophenol	1600	UG/KG	U	---		1600	UG/KG	1
4-Nitrophenol	1600	UG/KG	U	---		1600	UG/KG	1
Dibenzofuran	330	UG/KG	U	---		330	UG/KG	1
2, 4-Dinitrotoluene	330	UG/KG	U	---		330	UG/KG	1
Diethylphthalate	330	UG/KG	U	---		330	UG/KG	1
4-Chlorophenyl phenyl ether	330	UG/KG	U	---		330	UG/KG	1
Fluorene	330	UG/KG	U	---		330	UG/KG	1
4-Nitroaniline	1600	UG/KG	U	---		1600	UG/KG	1
4, 6-Dinitro-2-Methylphenol	1600	UG/KG	U	---		1600	UG/KG	1
N-Nitrosodiphenylamine	330	UG/KG	U	---		330	UG/KG	1
4-Bromophenyl phenyl ether	330	UG/KG	U	---		330	UG/KG	1
Hexachlorobenzene	330	UG/KG	U	---		330	UG/KG	1
Pentachlorophenol	1600	UG/KG	U	---		1600	UG/KG	1
Phenanthrene	330	UG/KG	U	---		330	UG/KG	1

Appendix D: Results of Semivolatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	NOTES	CRDL	UNITS	DILUTION
TR2-ES-356N-175E-8Z (CON'T)								
Anthracene	330	UG/KG	U	---		330	UG/KG	1
Di-N-Butylphthalate	330	UG/KG	U	---		330	UG/KG	1
Fluoranthene	330	UG/KG	U	---		330	UG/KG	1
Pyrene	330	UG/KG	U	---		330	UG/KG	1
Butyl Benzyl Phthalate	330	UG/KG	U	---		330	UG/KG	1
3, 3'-Dichlorobenzidine	650	UG/KG	U	---		650	UG/KG	1
Benzo(a)Anthracene	330	UG/KG	U	---		330	UG/KG	1
Chrysene	330	UG/KG	U	---		330	UG/KG	1
bis(2-Ethylhexyl)phthalate	330	UG/KG	U	---		330	UG/KG	1
di-N-Octyl Phthalate	330	UG/KG	U	---		330	UG/KG	1
Benzo(b)Fluoranthene	330	UG/KG	U	---		330	UG/KG	1
Benzo(k)Fluoranthene	330	UG/KG	U	---		330	UG/KG	1
Benzo(a)Pyrene	330	UG/KG	U	---		330	UG/KG	1
Indeno(1,2,3-CD)Pyrene	330	UG/KG	U	---		330	UG/KG	1
Dibenzo(a,h)Anthracene	330	UG/KG	U	---		330	UG/KG	1
Benzo(g,h,i)Perylene	330	UG/KG	U	---		330	UG/KG	1
Nitrobenzene-d5	67	%				%		1
2-Fluorobiphenyl	61	%				%		1
Terphenyl-d14	75	%				%		1
Phenol-d5	72	%				%		1
2-Fluorophenol	64	%				%		1
2, 4, 6-Tribromophenol	61	%				%		1

Appendix D: Results of Semivolatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	NOTES	CRDL	UNITS	DILUTION
TR2A-ES-365N-200E-3.5Z								
Phenol	330	UG/KG	U	---		330	UG/KG	1
bis(2-Chloroethyl) ether	330	UG/KG	U	---		330	UG/KG	1
2-Chlorophenol	330	UG/KG	U	---		330	UG/KG	1
1, 3-Dichlorobenzene	330	UG/KG	U	---		330	UG/KG	1
1, 4-Dichlorobenzene	330	UG/KG	U	---		330	UG/KG	1
Benzyl Alcohol	330	UG/KG	U	---		330	UG/KG	1
1, 2-Dichlorobenzene	330	UG/KG	U	---		330	UG/KG	1
2-Methylphenol	330	UG/KG	U	---		330	UG/KG	1
bis(2-Chloroisopropyl) ether	330	UG/KG	U	---		330	UG/KG	1
4-Methylphenol	330	UG/KG	U	---		330	UG/KG	1
N-Nitroso-di-nPropylamine	330	UG/KG	U	---		330	UG/KG	1
Hexachloroethane	330	UG/KG	U	---		330	UG/KG	1
Nitrobenzene	330	UG/KG	U	---		330	UG/KG	1
Isophorone	330	UG/KG	U	---		330	UG/KG	1
2-Nitrophenol	330	UG/KG	U	---		330	UG/KG	1
2, 4-Dimethylphenol	330	UG/KG	U	---		330	UG/KG	1
Benzoic Acid	1600	UG/KG	U	---		1600	UG/KG	1
bis(2Chloroethoxy)methane	330	UG/KG	U	---		330	UG/KG	1
2, 4-Dichlorophenol	330	UG/KG	U	---		330	UG/KG	1
1, 2, 4-Trichlorobenzene	330	UG/KG	U	---		330	UG/KG	1
Naphthalene	330	UG/KG	U	---		330	UG/KG	1
4-Chloroaniline	330	UG/KG	U	---		330	UG/KG	1
Hexachlorobutadiene	330	UG/KG	U	---		330	UG/KG	1
4-Chloro-3-Methylphenol	330	UG/KG	U	---		330	UG/KG	1
2-Methylnaphthalene	330	UG/KG	U	---		330	UG/KG	1
Hexachlorocyclopentadiene	330	UG/KG	U	---		330	UG/KG	1
2, 4, 6-Trichlorophenol	330	UG/KG	U	---		330	UG/KG	1
2, 4, 5-Trichlorophenol	1600	UG/KG	U	---		1600	UG/KG	1
2-Chloronaphthalene	330	UG/KG	U	---		330	UG/KG	1
2-Nitroaniline	1600	UG/KG	U	---		1600	UG/KG	1
Dimethyl Phthalate	330	UG/KG	U	---		330	UG/KG	1
Acenaphthylene	330	UG/KG	U	---		330	UG/KG	1
2, 6-Dinitrotoluene	330	UG/KG	U	---		330	UG/KG	1
3-Nitroaniline	1600	UG/KG	U	---		1600	UG/KG	1
Acenaphthene	330	UG/KG	U	---		330	UG/KG	1
2, 4-Dinitrophenol	1600	UG/KG	U	---		1600	UG/KG	1
4-Nitrophenol	330	UG/KG	U	---		1600	UG/KG	1
Dibenzofuran	330	UG/KG	U	---		330	UG/KG	1
2, 4-Dinitrotoluene	330	UG/KG	U	---		330	UG/KG	1
Diethylphthalate	330	UG/KG	U	---		330	UG/KG	1
4-Chlorophenyl phenyl ether	330	UG/KG	U	---		330	UG/KG	1
Fluorene	330	UG/KG	U	---		330	UG/KG	1
4-Nitroaniline	1600	UG/KG	U	---		1600	UG/KG	1
4, 6-Dinitro-2-Methylphenol	1600	UG/KG	U	---		1600	UG/KG	1
N-Nitrosodiphenylamine	330	UG/KG	U	---		330	UG/KG	1
4-Bromophenyl phenyl ether	330	UG/KG	U	---		330	UG/KG	1
Hexachlorobenzene	330	UG/KG	U	---		330	UG/KG	1
Pentachlorophenol	1600	UG/KG	U	---		1600	UG/KG	1
Phenanthrene	330	UG/KG	U	---		330	UG/KG	1

Appendix D: Results of Semivolatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	NOTES	CRDL	UNITS	DILUTION
TR2A-ES-365N-200E-3.5Z (CONT)								
Anthracene	330	UG/KG	U	—		330 UG/KG		1
Di-N-Butylphthalate	330	UG/KG	U	—		330 UG/KG		1
Fluoranthene	330	UG/KG	U	—		330 UG/KG		1
Pyrene	330	UG/KG	U	—		330 UG/KG		1
Butyl Benzyl Phthalate	330	UG/KG	U	—		330 UG/KG		1
3, 3'-Dichlorobenzidine	660	UG/KG	U	—		660 UG/KG		1
Benzo(a)Anthracene	330	UG/KG	U	—		330 UG/KG		1
Chrysene	330	UG/KG	U	—		330 UG/KG		1
bis(2-Ethylhexyl)phthalate	330	UG/KG	U	—		330 UG/KG		1
di-N-Octyl Phthalate	330	UG/KG	U	—		330 UG/KG		1
Benzo(b)Fluoranthene	330	UG/KG	U	—		330 UG/KG		1
Benzo(k)Fluoranthene	330	UG/KG	U	—		330 UG/KG		1
Benzo(a)Pyrene	330	UG/KG	U	—		330 UG/KG		1
Indeno(1,2,3-CD)Pyrene	330	UG/KG	U	—		330 UG/KG		1
Dibenzo(a,h)Anthracene	330	UG/KG	U	—		330 UG/KG		1
Benzo(g,h,i)Perylene	330	UG/KG	U	—		330 UG/KG		1
Nitrobenzene-d5	66	%				%		1
2-Fluorobiphenyl	59	%				%		1
Terphenyl-d14	70	%				%		1
Phenol-d5	75	%				%		1
2-Fluorophenol	64	%				%		1
2, 4, 6-Tribromophenol	57	%				%		1

Appendix D: Results of Semivolatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	NOTES	CRDL	UNITS	DILUTION
TR2A-ES-360N-200E-8Z								
Phenol	330	UG/KG	U	---		330 UG/KG		1
bis(2-Chloroethyl) ether	330	UG/KG	U	---		330 UG/KG		1
2-Chlorophenol	330	UG/KG	U	---		330 UG/KG		1
1, 3-Dichlorobenzene	330	UG/KG	U	---		330 UG/KG		1
1, 4-Dichlorobenzene	330	UG/KG	U	---		330 UG/KG		1
Benzyl Alcohol	330	UG/KG	U	---		330 UG/KG		1
1, 2-Dichlorobenzene	330	UG/KG	U	---		330 UG/KG		1
2-Methylphenol	330	UG/KG	U	---		330 UG/KG		1
bis(2-Chloroisopropyl) ether	330	UG/KG	U	---		330 UG/KG		1
4-Methylphenol	330	UG/KG	U	---		330 UG/KG		1
N-Nitroso-di-nPropylamine	330	UG/KG	U	---		330 UG/KG		1
Hexachloroethane	330	UG/KG	U	---		330 UG/KG		1
Nitrobenzene	330	UG/KG	U	---		330 UG/KG		1
Isophorone	330	UG/KG	U	---		330 UG/KG		1
2-Nitrophenol	330	UG/KG	U	---		330 UG/KG		1
2, 4-Dimethylphenol	330	UG/KG	U	---		330 UG/KG		1
Benzoic Acid	1600	UG/KG	U	---		1600 UG/KG		1
bis(2Chloroethoxy)methane	330	UG/KG	U	---		330 UG/KG		1
2, 4-Dichlorophenol	330	UG/KG	U	---		330 UG/KG		1
1, 2, 4-Trichlorobenzene	330	UG/KG	U	---		330 UG/KG		1
Naphthalene	330	UG/KG	U	---		330 UG/KG		1
4-Chloroaniline	330	UG/KG	U	---		330 UG/KG		1
Hexachlorobutadiene	330	UG/KG	U	---		330 UG/KG		1
4-Chloro-3-Methylphenol	330	UG/KG	U	---		330 UG/KG		1
2-Methylnaphthalene	330	UG/KG	U	---		330 UG/KG		1
Hexachlorocyclopentadiene	330	UG/KG	U	---		330 UG/KG		1
2, 4, 6-Trichlorophenol	330	UG/KG	U	---		330 UG/KG		1
2, 4, 5-Trichlorophenol	1600	UG/KG	U	---		1600 UG/KG		1
2-Chloronaphthalene	330	UG/KG	U	---		330 UG/KG		1
2-Nitroaniline	1600	UG/KG	U	---		1600 UG/KG		1
Dimethyl Phthalate	330	UG/KG	U	---		330 UG/KG		1
Acenaphthylene	330	UG/KG	U	---		330 UG/KG		1
2, 6-Dinitrotoluene	330	UG/KG	U	---		330 UG/KG		1
3-Nitroaniline	1600	UG/KG	U	---		1600 UG/KG		1
Acenaphthene	330	UG/KG	U	---		330 UG/KG		1
2, 4-Dinitrophenol	1600	UG/KG	U	---		1600 UG/KG		1
4-Nitrophenol	1600	UG/KG	U	---		1600 UG/KG		1
Dibenzofuran	330	UG/KG	U	---		330 UG/KG		1
2, 4-Dinitrotoluene	330	UG/KG	U	---		330 UG/KG		1
Diethylphthalate	330	UG/KG	U	---		330 UG/KG		1
4-Chlorophenyl phenyl ether	330	UG/KG	U	---		330 UG/KG		1
Fluorene	330	UG/KG	U	---		330 UG/KG		1
4-Nitroaniline	1600	UG/KG	U	---		1600 UG/KG		1
4, 6-Dinitro-2-Methylphenol	1600	UG/KG	U	---		1600 UG/KG		1
N-Nitrosodiphenylamine	330	UG/KG	U	---		330 UG/KG		1
4-Bromophenyl phenyl ether	330	UG/KG	U	---		330 UG/KG		1
Hexachlorobenzene	330	UG/KG	U	---		330 UG/KG		1
Pentachlorophenol	1600	UG/KG	U	---		1600 UG/KG		1
Phenanthrene	330	UG/KG	U	---		330 UG/KG		1

Appendix D: Results of Semivolatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	NOTES	CRDL	UNITS	DILUTION
TR2A-ES-360N-200E-8Z (CON'T)								
Anthracene	330	UG/KG	U	—		330 UG/KG		1
Di-N-Butylphthalate	330	UG/KG	U	—		330 UG/KG		1
Fluoranthene	330	UG/KG	U	—		330 UG/KG		1
Pyrene	330	UG/KG	U	—		330 UG/KG		1
Butyl Benzyl Phthalate	330	UG/KG	U	—		330 UG/KG		1
3, 3'-Dichlorobenzidine	660	UG/KG	U	—		660 UG/KG		1
Benzo(a)Anthracene	330	UG/KG	U	—		330 UG/KG		1
Chrysene	330	UG/KG	U	—		330 UG/KG		1
bis(2-Ethylhexyl)phthalate	330	UG/KG	U	—		330 UG/KG		1
di-N-Octyl Phthalate	330	UG/KG	U	—		330 UG/KG		1
Benzo(b)Fluoranthene	330	UG/KG	U	—		330 UG/KG		1
Benzo(k)Fluoranthene	330	UG/KG	U	—		330 UG/KG		1
Benzo(a)Pyrene	330	UG/KG	U	—		330 UG/KG		1
Indeno(1,2,3-CD)Pyrene	330	UG/KG	U	—		330 UG/KG		1
Dibenzo(a,h)Anthracene	330	UG/KG	U	—		330 UG/KG		1
Benzo(g,h,i)Perylene	330	UG/KG	U	—		330 UG/KG		1
Nitrobenzene-d5	64	%				%		1
2-Fluorobiphenyl	55	%				%		1
Terphenyl-d14	67	%				%		1
Phenol-d5	67	%				%		1
2-Fluorophenol	57	%				%		1
2, 4, 6-Tribromophenol	52	%				%		1

Appendix D: Results of Semivolatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	NOTES	CRDL	UNITS	DILUTION
TR3-ES-450N-400E-3Z								
Phenol	330	UG/KG	U	—		330	UG/KG	1
bis(2-Chloroethyl) ether	330	UG/KG	U	—		330	UG/KG	1
2-Chlorophenol	330	UG/KG	U	—		330	UG/KG	1
1, 3-Dichlorobenzene	330	UG/KG	U	—		330	UG/KG	1
1, 4-Dichlorobenzene	330	UG/KG	U	—		330	UG/KG	1
Benzyl Alcohol	330	UG/KG	U	—		330	UG/KG	1
1, 2-Dichlorobenzene	330	UG/KG	U	—		330	UG/KG	1
2-Methylphenol	330	UG/KG	U	—		330	UG/KG	1
bis(2-Chloroisopropyl) ether	330	UG/KG	U	—		330	UG/KG	1
4-Methylphenol	330	UG/KG	U	—		330	UG/KG	1
N-Nitroso-di-nPropylamine	330	UG/KG	U	—		330	UG/KG	1
Hexachloroethane	330	UG/KG	U	—		330	UG/KG	1
Nitrobenzene	330	UG/KG	U	—		330	UG/KG	1
Isophorone	330	UG/KG	U	—		330	UG/KG	1
2-Nitrophenol	330	UG/KG	U	—		330	UG/KG	1
2, 4-Dimethylphenol	330	UG/KG	U	—		330	UG/KG	1
Benzoic Acid	1600	UG/KG	U	—		1600	UG/KG	1
bis(2Chloroethoxy)methane	330	UG/KG	U	—		330	UG/KG	1
2, 4-Dichlorophenol	330	UG/KG	U	—		330	UG/KG	1
1, 2, 4-Trichlorobenzene	330	UG/KG	U	—		330	UG/KG	1
Naphthalene	330	UG/KG	U	—		330	UG/KG	1
4-Chloroaniline	330	UG/KG	U	—		330	UG/KG	1
Hexachlorobutadiene	330	UG/KG	U	—		330	UG/KG	1
4-Chloro-3-Methylphenol	330	UG/KG	U	—		330	UG/KG	1
2-Methylnaphthalene	4200	UG/KG	E	R	A	330	UG/KG	1
Hexachlorocyclopentadiene	330	UG/KG	U	R	A	330	UG/KG	1
2, 4, 6-Trichlorophenol	330	UG/KG	U	R	A	330	UG/KG	1
2, 4, 5-Trichlorophenol	1600	UG/KG	U	R	A	1600	UG/KG	1
2-Chloronaphthalene	330	UG/KG	U	R	A	330	UG/KG	1
2-Nitroaniline	1600	UG/KG	U	R	A	1600	UG/KG	1
Dimethyl Phthalate	330	UG/KG	U	R	A	330	UG/KG	1
Acenaphthylene	330	UG/KG	U	R	A	330	UG/KG	1
2, 6-Dinitrotoluene	330	UG/KG	U	R	A	330	UG/KG	1
3-Nitroaniline	1600	UG/KG	U	R		1600	UG/KG	1
Acenaphthene	330	UG/KG	U	R		330	UG/KG	1
2, 4-Dinitrophenol	1600	UG/KG	U	R		1600	UG/KG	1
4-Nitrophenol	1600	UG/KG	U	R		1600	UG/KG	1
Dibenzofuran	330	UG/KG	U	R		330	UG/KG	1
2, 4-Dinitrotoluene	330	UG/KG	U	R		330	UG/KG	1
Diethylphthalate	330	UG/KG	U	R		330	UG/KG	1
4-Chlorophenyl phenyl ether	330	UG/KG	U	R		330	UG/KG	1
Fluorene	330	UG/KG	U	R		330	UG/KG	1
4-Nitroaniline	1600	UG/KG	U	—		1600	UG/KG	1
4, 6-Dinitro-2-Methylphenol	1600	UG/KG	U	—		1600	UG/KG	1
N-Nitrosodiphenylamine	330	UG/KG	U	—		330	UG/KG	1
4-Bromophenyl phenyl ether	330	UG/KG	U	—		330	UG/KG	1
Hexachlorobenzene	330	UG/KG	U	—		330	UG/KG	1
Pentachlorophenol	1600	UG/KG	U	—		1600	UG/KG	1
Phenanthrene	330	UG/KG	U	—		330	UG/KG	1

Appendix D: Results of Semivolatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	NOTES	CRDL	UNITS	DILUTION
TR3-ES-450N-400E-3Z (CON'T)								
Anthracene	330	UG/KG	U	—		330 UG/KG		1
Di-N-Butylphthalate	330	UG/KG	U	—		330 UG/KG		1
Fluoranthene	330	UG/KG	U	—		330 UG/KG		1
Pyrene	330	UG/KG	U	R	A	330 UG/KG		1
Butyl Benzyl Phthalate	330	UG/KG	U	R	A	330 UG/KG		1
3, 3'-Dichlorobenzidine	650	UG/KG	U	R	A	650 UG/KG		1
Benzo(a)Anthracene	330	UG/KG	U	R	A	330 UG/KG		1
Chrysene	330	UG/KG	U	R	A	330 UG/KG		1
bis(2-Ethylhexyl)phthalate	2800	UG/KG	E	R	A	330 UG/KG		1
di-N-Octyl Phthalate	330	UG/KG	U	R	A	330 UG/KG		1
Benzo(b)Fluoranthene	330	UG/KG	U	R	A	330 UG/KG		1
Benzo(k)Fluoranthene	330	UG/KG	U	R	A	330 UG/KG		1
Benzo(a)Pyrene	330	UG/KG	U	R	A	330 UG/KG		1
Indeno(1,2,3-CD)Pyrene	330	UG/KG	U	R	A	330 UG/KG		1
Dibenzo(a,h)Anthracene	330	UG/KG	U	R	A	330 UG/KG		1
Benzo(g,h,i)Perylene	330	UG/KG	U	R	A	330 UG/KG		1
Nitrobenzene-d5	88	%				%		1
2-Fluorobiphenyl	73	%				%		1
Terphenyl-d14	104	%				%		1
Phenol-d5	81	%				%		1
2-Fluorophenol	66	%				%		1
2, 4, 6-Tribromophenol	90	%				%		1

NOTE A: Because of poor internal standard recovery, compound analyses qualified with "R" are not useable for this sample; The results from the dilution of this sample (TR3-ES-450N-400E-3Z DL) should be used instead for these compounds.

Appendix D: Results of Semivolatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID	NOTES	CRDL	UNITS	DILUTION
TR3-ES-450N-400E-3Z DL								
Phenol	3300	UG/KG	U	R		3300	UG/KG	10
bis(2-Chloroethyl) ether	3300	UG/KG	U	R		3300	UG/KG	10
2-Chlorophenol	3300	UG/KG	U	R		3300	UG/KG	10
1, 3-Dichlorobenzene	3300	UG/KG	U	R		3300	UG/KG	10
1, 4-Dichlorobenzene	3300	UG/KG	U	R		3300	UG/KG	10
Benzyl Alcohol	3300	UG/KG	U	R		3300	UG/KG	10
1, 2-Dichlorobenzene	3300	UG/KG	U	R		3300	UG/KG	10
2-Methylphenol	3300	UG/KG	U	R		3300	UG/KG	10
bis(2-Chloroisopropyl) ether	3300	UG/KG	U	R		3300	UG/KG	10
4-Methylphenol	3300	UG/KG	U	R		3300	UG/KG	10
N-Nitroso-di-n-Propylamine	3300	UG/KG	U	R		3300	UG/KG	10
Hexachloroethane	3300	UG/KG	U	R		3300	UG/KG	10
Nitrobenzene	3300	UG/KG	U	R		3300	UG/KG	10
Isophorone	3300	UG/KG	U	R		3300	UG/KG	10
2-Nitrophenol	3300	UG/KG	U	R		3300	UG/KG	10
2, 4-Dimethylphenol	3300	UG/KG	U	R		3300	UG/KG	10
Benzoic Acid	16000	UG/KG	U	R		16000	UG/KG	10
bis(2Chloroethoxy)methane	3300	UG/KG	U	R		3300	UG/KG	10
2, 4-Dichlorophenol	3300	UG/KG	U	R		3300	UG/KG	10
1, 2, 4-Trichlorobenzene	3300	UG/KG	U	R		3300	UG/KG	10
Naphthalene	3300	UG/KG	U	R		3300	UG/KG	10
4-Chloroaniline	3300	UG/KG	U	R		3300	UG/KG	10
Hexachlorobutadiene	3300	UG/KG	U	R		3300	UG/KG	10
4-Chloro-3-Methylphenol	3300	UG/KG	U	R		3300	UG/KG	10
2-Methylnaphthalene	11000	UG/KG	D	---		3300	UG/KG	10
Hexachlorocyclopentadiene	3300	UG/KG	U	---		3300	UG/KG	10
2, 4, 6-Trichlorophenol	3300	UG/KG	U	---		3300	UG/KG	10
2, 4, 5-Trichlorophenol	16000	UG/KG	U	---		16000	UG/KG	10
2-Chloronaphthalene	3300	UG/KG	U	---		3300	UG/KG	10
2-Nitroaniline	16000	UG/KG	U	---		16000	UG/KG	10
Dimethyl Phthalate	3300	UG/KG	U	---		3300	UG/KG	10
Acenaphthylene	3300	UG/KG	U	---		3300	UG/KG	10
2, 6-Dinitrotoluene	3300	UG/KG	U	---		3300	UG/KG	10
3-Nitroaniline	16000	UG/KG	U	---		16000	UG/KG	10
Acenaphthene	3300	UG/KG	U	---		3300	UG/KG	10
2, 4-Dinitrophenol	16000	UG/KG	U	---		16000	UG/KG	10
4-Nitrophenol	16000	UG/KG	U	---		16000	UG/KG	10
Dibenzofuran	3300	UG/KG	U	---		3300	UG/KG	10
2, 4-Dinitrotoluene	3300	UG/KG	U	---		3300	UG/KG	10
Diethylphthalate	3300	UG/KG	U	---		3300	UG/KG	10
4-Chlorophenyl phenyl ether	3300	UG/KG	U	---		3300	UG/KG	10
Fluorene	1100	UG/KG	DJ	J		3300	UG/KG	10
4-Nitroaniline	16000	UG/KG	U	R	B	16000	UG/KG	10
4, 6-Dinitro-2-Methylphenol	16000	UG/KG	U	R	B	16000	UG/KG	10
N-Nitrosodiphenylamine	3300	UG/KG	U	R	B	3300	UG/KG	10
4-Bromophenyl phenyl ether	3300	UG/KG	U	R	B	3300	UG/KG	10
Hexachlorobenzene	3300	UG/KG	U	R	B	3300	UG/KG	10
Pentachlorophenol	16000	UG/KG	U	R	B	16000	UG/KG	10
Phenanthrene	3300	UG/KG	U	R	B	3300	UG/KG	10

Appendix D: Results of Semivolatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	NOTES	CRDL	UNITS	DILUTION
TR3-ES-450N-400E-3Z DL (CONT)								
Anthracene	3300	UG/KG	U	R	B	3300	UG/KG	10
Di-N-Butylphthalate	3300	UG/KG	U	R	B	3300	UG/KG	10
Fluoranthene	3300	UG/KG	U	R	B	3300	UG/KG	10
Pyrene	3300	UG/KG	U	---		3300	UG/KG	10
Butyl Benzyl Phthalate	3300	UG/KG	U	---		3300	UG/KG	10
3, 3'-Dichlorobenzidine	6500	UG/KG	U	---		6500	UG/KG	10
Benzo(a)Anthracene	3300	UG/KG	U	---		3300	UG/KG	10
Chrysene	3300	UG/KG	U	---		3300	UG/KG	10
bis(2-Ethylhexyl)phthalate	2800	UG/KG	DJ	J		3300	UG/KG	10
di-N-Octyl Phthalate	3300	UG/KG	U	---		3300	UG/KG	10
Benzo(b)Fluoranthene	3300	UG/KG	U	---		3300	UG/KG	10
Benzo(k)Fluoranthene	3300	UG/KG	U	---		3300	UG/KG	10
Benzo(a)Pyrene	3300	UG/KG	U	---		3300	UG/KG	10
Indeno(1,2,3-CD)Pyrene	3300	UG/KG	U	---		3300	UG/KG	10
Dibenzo(a,h)Anthracene	3300	UG/KG	U	---		3300	UG/KG	10
Benzo(g,h,i)Perylene	3300	UG/KG	U	---		3300	UG/KG	10
Nitrobenzene-d5	71	%					%	10
2-Fluorobiphenyl	75	%					%	10
Terphenyl-d14	70	%					%	10
Phenol-d5	79	%					%	10
2-Fluorophenol	71	%					%	10
2, 4, 6-Tribromophenol	73	%					%	10

NOTE A: Because of poor internal standard recovery, compound analyses qualified with "R" are not useable for this sample; The results from the original sample (TR3-ES-450N-400E-3Z) should be used instead for these compounds.

Appendix D: Results of Semivolatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	NOTES	CRDL	UNITS	DILUTION
TR3-ES-450N-400E-3Z RE								
Phenol	330	UG/KG	U	R		330	UG/KG	1
bis(2-Chloroethyl) ether	330	UG/KG	U	R		330	UG/KG	1
2-Chlorophenol	330	UG/KG	U	R		330	UG/KG	1
1, 3-Dichlorobenzene	330	UG/KG	U	R		330	UG/KG	1
1, 4-Dichlorobenzene	330	UG/KG	U	R		330	UG/KG	1
Benzyl Alcohol	330	UG/KG	U	R		330	UG/KG	1
1, 2-Dichlorobenzene	330	UG/KG	U	R		330	UG/KG	1
2-Methylphenol	330	UG/KG	U	R		330	UG/KG	1
bis(2-Chloroisopropyl) ether	330	UG/KG	U	R		330	UG/KG	1
4-Methylphenol	330	UG/KG	U	R		330	UG/KG	1
N-Nitroso-di-nPropylamine	330	UG/KG	U	R		330	UG/KG	1
Hexachloroethane	330	UG/KG	U	R		330	UG/KG	1
Nitrobenzene	330	UG/KG	U	R		330	UG/KG	1
Isophorone	330	UG/KG	U	R		330	UG/KG	1
2-Nitrophenol	330	UG/KG	U	R		330	UG/KG	1
2, 4-Dimethylphenol	330	UG/KG	U	R		330	UG/KG	1
Benzoic Acid	1600	UG/KG	U	R		1600	UG/KG	1
bis(2Chloroethoxy)methane	330	UG/KG	U	R		330	UG/KG	1
2, 4-Dichlorophenol	330	UG/KG	U	R		330	UG/KG	1
1, 2, 4-Trichlorobenzene	330	UG/KG	U	R		330	UG/KG	1
Naphthalene	330	UG/KG	U	R		330	UG/KG	1
4-Chloroaniline	330	UG/KG	U	R		330	UG/KG	1
Hexachlorobutadiene	330	UG/KG	U	R		330	UG/KG	1
4-Chloro-3-Methylphenol	330	UG/KG	U	R		330	UG/KG	1
2-Methylnaphthalene	4700	UG/KG	E	R		330	UG/KG	1
Hexachlorocyclopentadiene	330	UG/KG	U	R		330	UG/KG	1
2, 4, 6-Trichlorophenol	330	UG/KG	U	R		330	UG/KG	1
2, 4, 5-Trichlorophenol	1600	UG/KG	U	R		1600	UG/KG	1
2-Chloronaphthalene	330	UG/KG	U	R		330	UG/KG	1
2-Nitroaniline	1600	UG/KG	U	R		1600	UG/KG	1
Dimethyl Phthalate	330	UG/KG	U	R		330	UG/KG	1
Acenaphthylene	330	UG/KG	U	R		330	UG/KG	1
2, 6-Dinitrotoluene	330	UG/KG	U	R		330	UG/KG	1
3-Nitroaniline	1600	UG/KG	U	R		1600	UG/KG	1
Acenaphthene	330	UG/KG	U	R		330	UG/KG	1
2, 4-Dinitrophenol	1600	UG/KG	U	R		1600	UG/KG	1
4-Nitrophenol	1600	UG/KG	U	R		1600	UG/KG	1
Dibenzofuran	330	UG/KG	U	R		330	UG/KG	1
2, 4-Dinitrotoluene	330	UG/KG	U	R		330	UG/KG	1
Diethylphthalate	330	UG/KG	U	R		330	UG/KG	1
4-Chlorophenyl phenyl ether	330	UG/KG	U	R		330	UG/KG	1
Fluorene	330	UG/KG	U	R		330	UG/KG	1
4-Nitroaniline	1600	UG/KG	U	R		1600	UG/KG	1
4, 6-Dinitro-2-Methylphenol	1600	UG/KG	U	R		1600	UG/KG	1
N-Nitrosodiphenylamine	330	UG/KG	U	R		330	UG/KG	1
4-Bromophenyl phenyl ether	330	UG/KG	U	R		330	UG/KG	1
Hexachlorobenzene	330	UG/KG	U	R		330	UG/KG	1
Pentachlorophenol	1600	UG/KG	U	R		1600	UG/KG	1
Phenanthrene	330	UG/KG	U	R		330	UG/KG	1

Appendix D: Results of Semivolatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	NOTES	CRDL	UNITS	DILUTION
TR3-ES-450N-400E-3Z RE								
Anthracene	330	UG/KG	U	R		330	UG/KG	1
Di-N-Butylphthalate	330	UG/KG	U	R		330	UG/KG	1
Fluoranthene	330	UG/KG	U	R		330	UG/KG	1
Pyrene	330	UG/KG	U	R		330	UG/KG	1
Butyl Benzyl Phthalate	330	UG/KG	U	R		330	UG/KG	1
3, 3'-Dichlorobenzidine	650	UG/KG	U	R		650	UG/KG	1
Benzo(a)Anthracene	330	UG/KG	U	R		330	UG/KG	1
Chrysene	330	UG/KG	U	R		330	UG/KG	1
bis(2-Ethylhexyl)phthalate	2700	UG/KG	E	R		330	UG/KG	1
di-N-Octyl Phthalate	330	UG/KG	U	R		330	UG/KG	1
Benzo(b)Fluoranthene	330	UG/KG	U	R		330	UG/KG	1
Benzo(k)Fluoranthene	330	UG/KG	U	R		330	UG/KG	1
Benzo(a)Pyrene	330	UG/KG	U	R		330	UG/KG	1
Indeno(1,2,3-CD)Pyrene	330	UG/KG	U	R		330	UG/KG	1
Dibenzo(a,h)Anthracene	330	UG/KG	U	R		330	UG/KG	1
Benzo(g,h,i)Perylene	330	UG/KG	U	R		330	UG/KG	1
Nitrobenzene-d5	73	%				%		1
2-Fluorobiphenyl	101	%				%		1
Terphenyl-d14	128	%				%		1
Phenol-d5	66	%				%		1
2-Fluorophenol	64	%				%		1
2, 4, 6-Tribromophenol	94	%				%		1

Appendix D: Results of Semivolatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	NOTES	CRDL	UNITS	DILUTION
TR3-ES-450N-400E-3Z C Composited results from original and dilution sample								
Phenol	330	UG/KG	U	—		330	UG/KG	1
bis(2-Chloroethyl) ether	330	UG/KG	U	—		330	UG/KG	1
2-Chlorophenol	330	UG/KG	U	—		330	UG/KG	1
1, 3-Dichlorobenzene	330	UG/KG	U	—		330	UG/KG	1
1, 4-Dichlorobenzene	330	UG/KG	U	—		330	UG/KG	1
Benzyl Alcohol	330	UG/KG	U	—		330	UG/KG	1
1, 2-Dichlorobenzene	330	UG/KG	U	—		330	UG/KG	1
2-Methylphenol	330	UG/KG	U	—		330	UG/KG	1
bis(2-Chloroisopropyl) ether	330	UG/KG	U	—		330	UG/KG	1
4-Methylphenol	330	UG/KG	U	—		330	UG/KG	1
N-Nitroso-di-nPropylamine	330	UG/KG	U	—		330	UG/KG	1
Hexachloroethane	330	UG/KG	U	—		330	UG/KG	1
Nitrobenzene	330	UG/KG	U	—		330	UG/KG	1
Isophorone	330	UG/KG	U	—		330	UG/KG	1
2-Nitrophenol	330	UG/KG	U	—		330	UG/KG	1
2, 4-Dimethylphenol	330	UG/KG	U	—		330	UG/KG	1
Benzoic Acid	1600	UG/KG	U	—		1600	UG/KG	1
bis(2Chloroethoxy)methane	330	UG/KG	U	—		330	UG/KG	1
2, 4-Dichlorophenol	330	UG/KG	U	—		330	UG/KG	1
1, 2, 4-Trichlorobenzene	330	UG/KG	U	—		330	UG/KG	1
Naphthalene	330	UG/KG	U	—		330	UG/KG	1
4-Chloroaniline	330	UG/KG	U	—		330	UG/KG	1
Hexachlorobutadiene	330	UG/KG	U	—		330	UG/KG	1
4-Chloro-3-Methylphenol	330	UG/KG	U	—		330	UG/KG	1
2-Methylnaphthalene	11000	UG/KG	U	—		3300	UG/KG	10
Hexachlorocyclopentadiene	3300	UG/KG	U	—		3300	UG/KG	10
2, 4, 6-Trichlorophenol	3300	UG/KG	U	—		3300	UG/KG	10
2, 4, 5-Trichlorophenol	16000	UG/KG	U	—		16000	UG/KG	10
2-Chloronaphthalene	3300	UG/KG	U	—		3300	UG/KG	10
2-Nitroaniline	16000	UG/KG	U	—		16000	UG/KG	10
Dimethyl Phthalate	3300	UG/KG	U	—		3300	UG/KG	10
Acenaphthylene	3300	UG/KG	U	—		3300	UG/KG	10
2, 6-Dinitrotoluene	3300	UG/KG	U	—		3300	UG/KG	10
3-Nitroaniline	16000	UG/KG	U	—		16000	UG/KG	10
Acenaphthene	3300	UG/KG	U	—		3300	UG/KG	10
2, 4-Dinitrophenol	16000	UG/KG	U	—		16000	UG/KG	10
4-Nitrophenol	16000	UG/KG	U	—		16000	UG/KG	10
Dibenzofuran	3300	UG/KG	U	—		3300	UG/KG	10
2, 4-Dinitrotoluene	3300	UG/KG	U	—		3300	UG/KG	10
Diethylphthalate	3300	UG/KG	U	—		3300	UG/KG	10
4-Chlorophenyl phenyl ether	3300	UG/KG	U	—		3300	UG/KG	10
Fluorene	1100	UG/KG	DJ	J		3300	UG/KG	10
4-Nitroaniline	1600	UG/KG	U	—		1600	UG/KG	1
4, 6-Dinitro-2-Methylphenol	1600	UG/KG	U	—		1600	UG/KG	1
N-Nitrosodiphenylamine	330	UG/KG	U	—		330	UG/KG	1
4-Bromophenyl phenyl ether	330	UG/KG	U	—		330	UG/KG	1
Hexachlorobenzene	330	UG/KG	U	—		330	UG/KG	1
Pentachlorophenol	1600	UG/KG	U	—		1600	UG/KG	1
Phenanthrene	330	UG/KG	U	—		330	UG/KG	1

Appendix D: Results of Semivolatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	NOTES	CRDL	UNITS	DILUTION
TR3-ES-450N-400E-3Z C (CONT)								
Anthracene	330	UG/KG	U	---		330 UG/KG		1
Di-N-Butylphthalate	330	UG/KG	U	---		330 UG/KG		1
Fluoranthene	330	UG/KG	U	---		330 UG/KG		1
Pyrene	3300	UG/KG	U	---		3300 UG/KG		10
Butyl Benzyl Phthalate	3300	UG/KG	U	---		3300 UG/KG		10
3, 3'-Dichlorobenzidine	6500	UG/KG	U	---		6500 UG/KG		10
Benzo(a)Anthracene	3300	UG/KG	U	---		3300 UG/KG		10
Chrysene	3300	UG/KG	U	---		3300 UG/KG		10
bis(2-Ethylhexyl)phthalate	2800	UG/KG	DJ	J		3300 UG/KG		10
di-N-Octyl Phthalate	3300	UG/KG	U	---		3300 UG/KG		10
Benzo(b)Fluoranthene	3300	UG/KG	U	---		3300 UG/KG		10
Benzo(k)Fluoranthene	3300	UG/KG	U	---		3300 UG/KG		10
Benzo(a)Pyrene	3300	UG/KG	U	---		3300 UG/KG		10
Indeno(1,2,3-CD)Pyrene	3300	UG/KG	U	---		3300 UG/KG		10
Dibenzo(a,h)Anthracene	3300	UG/KG	U	---		3300 UG/KG		10
Benzo(g,h,i)Perylene	3300	UG/KG	U	---		3300 UG/KG		10
Nitrobenzene-d5	71	%				%		10
2-Fluorobiphenyl	75	%				%		10
Terphenyl-d14	70	%				%		10
Phenol-d5	79	%				%		10
2-Fluorophenol	71	%				%		10
2, 4, 6-Tribromophenol	73	%				%		10

Appendix D: Results of Semivolatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	NOTES	CRDL	UNITS	DILUTION
TR3-ES-430N-400E-15Z								
Phenol	330	UG/KG	U	—		330	UG/KG	1
bis(2-Chloroethyl) ether	330	UG/KG	U	—		330	UG/KG	1
2-Chlorophenol	330	UG/KG	U	—		330	UG/KG	1
1, 3-Dichlorobenzene	330	UG/KG	U	—		330	UG/KG	1
1, 4-Dichlorobenzene	330	UG/KG	U	—		330	UG/KG	1
Benzyl Alcohol	330	UG/KG	U	—		330	UG/KG	1
1, 2-Dichlorobenzene	330	UG/KG	U	—		330	UG/KG	1
2-Methylphenol	330	UG/KG	U	—		330	UG/KG	1
bis(2-Chloroisopropyl) ether	330	UG/KG	U	—		330	UG/KG	1
4-Methylphenol	330	UG/KG	U	—		330	UG/KG	1
N-Nitroso-di-nPropylamine	330	UG/KG	U	—		330	UG/KG	1
Hexachloroethane	330	UG/KG	U	—		330	UG/KG	1
Nitrobenzene	330	UG/KG	U	—		330	UG/KG	1
Isophorone	330	UG/KG	U	—		330	UG/KG	1
2-Nitrophenol	330	UG/KG	U	—		330	UG/KG	1
2, 4-Dimethylphenol	330	UG/KG	U	—		330	UG/KG	1
Benzoic Acid	1600	UG/KG	U	—		1600	UG/KG	1
bis(2Chloroethoxy)methane	330	UG/KG	U	—		330	UG/KG	1
2, 4-Dichlorophenol	330	UG/KG	U	—		330	UG/KG	1
1, 2, 4-Trichlorobenzene	330	UG/KG	U	—		330	UG/KG	1
Naphthalene	250	UG/KG	J	—		330	UG/KG	1
4-Chloroaniline	330	UG/KG	U	—		330	UG/KG	1
Hexachlorobutadiene	330	UG/KG	U	—		330	UG/KG	1
4-Chloro-3-Methylphenol	330	UG/KG	U	—		330	UG/KG	1
2-Methylnaphthalene	2900	UG/KG	E	R	A	330	UG/KG	1
Hexachlorocyclopentadiene	330	UG/KG	U	—		330	UG/KG	1
2, 4, 6-Trichlorophenol	330	UG/KG	U	—		330	UG/KG	1
2, 4, 5-Trichlorophenol	1600	UG/KG	U	—		1600	UG/KG	1
2-Chloronaphthalene	330	UG/KG	U	—		330	UG/KG	1
2-Nitroaniline	1600	UG/KG	U	—		1600	UG/KG	1
Dimethyl Phthalate	330	UG/KG	U	—		330	UG/KG	1
Acenaphthylene	330	UG/KG	U	—		330	UG/KG	1
2, 6-Dinitrotoluene	330	UG/KG	U	—		330	UG/KG	1
3-Nitroaniline	1600	UG/KG	U	—		1600	UG/KG	1
Acenaphthene	330	UG/KG	U	—		330	UG/KG	1
2, 4-Dinitrophenol	1600	UG/KG	U	—		1600	UG/KG	1
4-Nitrophenol	1600	UG/KG	U	—		1600	UG/KG	1
Dibenzofuran	330	UG/KG	U	—		330	UG/KG	1
2, 4-Dinitrotoluene	330	UG/KG	U	—		330	UG/KG	1
Diethylphthalate	330	UG/KG	U	—		330	UG/KG	1
4-Chlorophenyl phenyl ether	330	UG/KG	U	—		330	UG/KG	1
Fluorene	330	UG/KG	U	—		330	UG/KG	1
4-Nitroaniline	1600	UG/KG	U	—		1600	UG/KG	1
4, 6-Dinitro-2-Methylphenol	1600	UG/KG	U	—		1600	UG/KG	1
N-Nitrosodiphenylamine	330	UG/KG	U	—		330	UG/KG	1
4-Bromophenyl phenyl ether	330	UG/KG	U	—		330	UG/KG	1
Hexachlorobenzene	330	UG/KG	U	—		330	UG/KG	1
Pentachlorophenol	1600	UG/KG	U	—		1600	UG/KG	1
Phenanthrene	330	UG/KG	U	—		330	UG/KG	1

Appendix D: Results of Semivolatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	NOTES	CRDL	UNITS	DILUTION
TR3-ES-430N-400E-15Z (CON'T)								
Anthracene	330	UG/KG	U	---		330	UG/KG	1
Di-N-Butylphthalate	330	UG/KG	U	---		330	UG/KG	1
Fluoranthene	330	UG/KG	U	---		330	UG/KG	1
Pyrene	330	UG/KG	U	---		330	UG/KG	1
Butyl Benzyi Phthalate	330	UG/KG	U	---		330	UG/KG	1
3, 3'-Dichlorobenzidine	660	UG/KG	U	---		660	UG/KG	1
Benzo(a)Anthracene	330	UG/KG	U	---		330	UG/KG	1
Chrysene	330	UG/KG	U	---		330	UG/KG	1
bis(2-Ethylhexyl)phthalate	330	UG/KG	U	---		330	UG/KG	1
di-N-Octyl Phthalate	330	UG/KG	U	---		330	UG/KG	1
Benzo(b)Fluoranthene	330	UG/KG	U	---		330	UG/KG	1
Benzo(k)Fluoranthene	330	UG/KG	U	---		330	UG/KG	1
Benzo(a)Pyrene	330	UG/KG	U	---		330	UG/KG	1
Indeno(1,2,3-CD)Pyrene	330	UG/KG	U	---		330	UG/KG	1
Dibenzo(a,h)Anthracene	330	UG/KG	U	---		330	UG/KG	1
Benzo(g,h,i)Perylene	330	UG/KG	U	---		330	UG/KG	1
Nitrobenzene-d5	72	%					%	1
2-Fluorobiphenyl	64	%					%	1
Terphenyl-d14	68	%					%	1
Phenol-d5	78	%					%	1
2-Fluorophenol	62	%					%	1
2, 4, 6-Tribromophenol	69	%					%	1

NOTE A: Use results from diluted sample

Appendix D: Results of Semivolatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID	NOTES	CRDL	UNITS	DILUTION
TR3-ES-430N-400E-15Z DL								
Phenol	660	UG/KG	U	R		660	UG/KG	2
bis(2-Chloroethyl) ether	660	UG/KG	U	R		660	UG/KG	2
2-Chlorophenol	660	UG/KG	U	R		660	UG/KG	2
1, 3-Dichlorobenzene	660	UG/KG	U	R		660	UG/KG	2
1, 4-Dichlorobenzene	660	UG/KG	U	R		660	UG/KG	2
Benzyl Alcohol	660	UG/KG	U	R		660	UG/KG	2
1, 2-Dichlorobenzene	660	UG/KG	U	R		660	UG/KG	2
2-Methylphenol	660	UG/KG	U	R		660	UG/KG	2
bis(2-Chloroisopropyl) ether	660	UG/KG	U	R		660	UG/KG	2
4-Methylphenol	660	UG/KG	U	R		660	UG/KG	2
N-Nitroso-di-nPropylamine	660	UG/KG	U	R		660	UG/KG	2
Hexachloroethane	660	UG/KG	U	R		660	UG/KG	2
Nitrobenzene	660	UG/KG	U	R		660	UG/KG	2
Isophorone	660	UG/KG	U	R		660	UG/KG	2
2-Nitrophenol	660	UG/KG	U	R		660	UG/KG	2
2, 4-Dimethylphenol	660	UG/KG	U	R		660	UG/KG	2
Benzoic Acid	3200	UG/KG	U	R		3200	UG/KG	2
bis(2Chloroethoxy)methane	660	UG/KG	U	R		660	UG/KG	2
2, 4-Dichlorophenol	660	UG/KG	U	R		660	UG/KG	2
1, 2, 4-Trichlorobenzene	660	UG/KG	U	R		660	UG/KG	2
Naphthalene	660	UG/KG	U	R		660	UG/KG	2
4-Chloroaniline	660	UG/KG	U	R		660	UG/KG	2
Hexachlorobutadiene	660	UG/KG	U	R		660	UG/KG	2
4-Chloro-3-Methylphenol	660	UG/KG	U	R		660	UG/KG	2
2-Methylnaphthalene	3200	UG/KG	D	—	B	660	UG/KG	2
Hexachlorocyclopentadiene	660	UG/KG	U	R		660	UG/KG	2
2, 4, 6-Trichlorophenol	660	UG/KG	U	R		660	UG/KG	2
2, 4, 5-Trichlorophenol	3200	UG/KG	U	R		3200	UG/KG	2
2-Chloronaphthalene	660	UG/KG	U	R		660	UG/KG	2
2-Nitroaniline	3200	UG/KG	U	R		3200	UG/KG	2
Dimethyl Phthalate	660	UG/KG	U	R		660	UG/KG	2
Acenaphthylene	660	UG/KG	U	R		660	UG/KG	2
2, 6-Dinitrotoluene	660	UG/KG	U	R		660	UG/KG	2
3-Nitroaniline	3200	UG/KG	U	R		3200	UG/KG	2
Acenaphthene	660	UG/KG	U	R		660	UG/KG	2
2, 4-Dinitrophenol	3200	UG/KG	U	R		3200	UG/KG	2
4-Nitrophenol	3200	UG/KG	U	R		3200	UG/KG	2
Dibenzofuran	660	UG/KG	U	R		660	UG/KG	2
2, 4-Dinitrotoluene	660	UG/KG	U	R		660	UG/KG	2
Diethylphthalate	660	UG/KG	U	R		660	UG/KG	2
4-Chlorophenyl phenyl ether	660	UG/KG	U	R		660	UG/KG	2
Fluorene	660	UG/KG	U	R		660	UG/KG	2
4-Nitroaniline	3200	UG/KG	U	R		3200	UG/KG	2
4, 6-Dinitro-2-Methylphenol	3200	UG/KG	U	R		3200	UG/KG	2
N-Nitrosodiphenylamine	660	UG/KG	U	R		660	UG/KG	2
4-Bromophenyl phenyl ether	660	UG/KG	U	R		660	UG/KG	2
Hexachlorobenzene	660	UG/KG	U	R		660	UG/KG	2
Pentachlorophenol	3200	UG/KG	U	R		3200	UG/KG	2
Phenanthrene	660	UG/KG	U	R		660	UG/KG	2

Appendix D: Results of Semivolatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	NOTES	CRDL	UNITS	DILUTION
TR3-ES-430N-400E-15Z DL								
Anthracene	660	UG/KG	U	R		660 UG/KG		2
Di-N-Butylphthalate	660	UG/KG	U	R		660 UG/KG		2
Fluoranthene	660	UG/KG	U	R		660 UG/KG		2
Pyrene	660	UG/KG	U	R		660 UG/KG		2
Butyl Benzyl Phthalate	660	UG/KG	U	R		660 UG/KG		2
3, 3'-Dichlorobenzidine	1300	UG/KG	U	R		1300 UG/KG		2
Benzo(a)Anthracene	660	UG/KG	U	R		660 UG/KG		2
Chrysene	660	UG/KG	U	R		660 UG/KG		2
bis(2-Ethylhexyl)phthalate	660	UG/KG	U	R		660 UG/KG		2
di-N-Octyl Phthalate	660	UG/KG	U	R		660 UG/KG		2
Benzo(b)Fluoranthene	660	UG/KG	U	R		660 UG/KG		2
Benzo(k)Fluoranthene	660	UG/KG	U	R		660 UG/KG		2
Benzo(a)Pyrene	660	UG/KG	U	R		660 UG/KG		2
Indeno(1,2,3-CD)Pyrene	660	UG/KG	U	R		660 UG/KG		2
Dibenzo(a,h)Anthracene	660	UG/KG	U	R		660 UG/KG		2
Benzo(g,h,i)Perylene	660	UG/KG	U	R		660 UG/KG		2
Nitrobenzene-d5	60	%				%		2
2-Fluorobiphenyl	69	%				%		2
Terphenyl-d14	63	%				%		2
Phenol-d5	64	%				%		2
2-Fluorophenol	65	%				%		2
2, 4, 6-Tribromophenol	81	%				%		2

Appendix D: Results of Semivolatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	NOTES	CRDL	UNITS	DILUTION
TR4-ES-260-490-8								
Phenol	1300	UG/KG	U	---		1300	UG/KG	4
bis(2-Chloroethyl) ether	1300	UG/KG	U	---		1300	UG/KG	4
2-Chlorophenol	1300	UG/KG	U	---		1300	UG/KG	4
1, 3-Dichlorobenzene	1300	UG/KG	U	---		1300	UG/KG	4
1, 4-Dichlorobenzene	1300	UG/KG	U	---		1300	UG/KG	4
Benzyl Alcohol	1300	UG/KG	U	---		1300	UG/KG	4
1, 2-Dichlorobenzene	1300	UG/KG	U	---		1300	UG/KG	4
2-Methylphenol	1300	UG/KG	U	---		1300	UG/KG	4
bis(2-Chloroisopropyl) ether	1300	UG/KG	U	---		1300	UG/KG	4
4-Methylphenol	1300	UG/KG	U	---		1300	UG/KG	4
N-Nitroso-di-n-Propylamine	1300	UG/KG	U	---		1300	UG/KG	4
Hexachloroethane	1300	UG/KG	U	---		1300	UG/KG	4
Nitrobenzene	1300	UG/KG	U	---		1300	UG/KG	4
Isophorone	1300	UG/KG	U	---		1300	UG/KG	4
2-Nitrophenol	1300	UG/KG	U	---		1300	UG/KG	4
2, 4-Dimethylphenol	1300	UG/KG	U	---		1300	UG/KG	4
Benzoic Acid	6400	UG/KG	U	---		6400	UG/KG	4
bis(2Chloroethoxy)methane	1300	UG/KG	U	---		1300	UG/KG	4
2, 4-Dichlorophenol	1300	UG/KG	U	---		1300	UG/KG	4
1, 2, 4-Trichlorobenzene	1300	UG/KG	U	---		1300	UG/KG	4
Naphthalene	480	UG/KG	J	---		1300	UG/KG	4
4-Chloroaniline	1300	UG/KG	U	---		1300	UG/KG	4
Hexachlorobutadiene	1300	UG/KG	U	---		1300	UG/KG	4
4-Chloro-3-Methylphenol	1300	UG/KG	U	---		1300	UG/KG	4
2-Methylnaphthalene	1300	UG/KG	U	---		1300	UG/KG	4
Hexachlorocyclopentadiene	1300	UG/KG	U	---		1300	UG/KG	4
2, 4, 6-Trichlorophenol	1300	UG/KG	U	---		1300	UG/KG	4
2, 4, 5-Trichlorophenol	6400	UG/KG	U	---		6400	UG/KG	4
2-Chloronaphthalene	1300	UG/KG	U	---		1300	UG/KG	4
2-Nitroaniline	6400	UG/KG	U	---		6400	UG/KG	4
Dimethyl Phthalate	1300	UG/KG	U	---		1300	UG/KG	4
Acenaphthylene	1300	UG/KG	U	---		1300	UG/KG	4
2, 6-Dinitrotoluene	1300	UG/KG	U	---		1300	UG/KG	4
3-Nitroaniline	6400	UG/KG	U	---		6400	UG/KG	4
Acenaphthene	1300	UG/KG	U	---		1300	UG/KG	4
2, 4-Dinitrophenol	6400	UG/KG	U	---		6400	UG/KG	4
4-Nitrophenol	6400	UG/KG	U	---		6400	UG/KG	4
Dibenzofuran	1300	UG/KG	U	---		1300	UG/KG	4
2, 4-Dinitrotoluene	1300	UG/KG	U	---		1300	UG/KG	4
Diethylphthalate	1300	UG/KG	U	---		1300	UG/KG	4
4-Chlorophenyl phenyl ether	1300	UG/KG	U	---		1300	UG/KG	4
Fluorene	2400	UG/KG		---		1300	UG/KG	4
4-Nitroaniline	6400	UG/KG	U	---		6400	UG/KG	4
4, 6-Dinitro-2-Methylphenol	6400	UG/KG	U	---		6400	UG/KG	4
N-Nitrosodiphenylamine	1300	UG/KG	U	---		1300	UG/KG	4
4-Bromophenyl phenyl ether	1300	UG/KG	U	---		1300	UG/KG	4
Hexachlorobenzene	1300	UG/KG	U	---		1300	UG/KG	4
Pentachlorophenol	6400	UG/KG	U	---		6400	UG/KG	4
Phenanthrene	1300	UG/KG	U	---		1300	UG/KG	4

Appendix D: Results of Semivolatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	NOTES	CRDL	UNITS	DILUTION
TR4-ES-260-490-8 (CONT)								
Anthracene	1300	UG/KG	U	---		1300	UG/KG	4
Di-N-Butylphthalate	1300	UG/KG	U	---		1300	UG/KG	4
Fluoranthene	1300	UG/KG	U	---		1300	UG/KG	4
Pyrene	1300	UG/KG	U	---		1300	UG/KG	4
Butyl Benzyl Phthalate	1300	UG/KG	U	---		1300	UG/KG	4
3, 3'-Dichlorobenzidine	2600	UG/KG	U	---		2600	UG/KG	4
Benzo(a)Anthracene	1300	UG/KG	U	---		1300	UG/KG	4
Chrysene	1300	UG/KG	U	---		1300	UG/KG	4
bis(2-Ethylhexyl)phthalate	250	UG/KG	J	---		1300	UG/KG	4
di-N-Octyl Phthalate	1300	UG/KG	U	---		1300	UG/KG	4
Benzo(b)Fluoranthene	1300	UG/KG	U	---		1300	UG/KG	4
Benzo(k)Fluoranthene	1300	UG/KG	U	---		1300	UG/KG	4
Benzo(a)Pyrene	1300	UG/KG	U	---		1300	UG/KG	4
Indeno(1,2,3-CD)Pyrene	1300	UG/KG	U	---		1300	UG/KG	4
Dibenzo(a,h)Anthracene	1300	UG/KG	U	---		1300	UG/KG	4
Benzo(g,h,i)Perylene	1300	UG/KG	U	---		1300	UG/KG	4
Nitrobenzene-d5	73	%					%	4
2-Fluorobiphenyl	87	%					%	4
Terphenyl-d14	72	%					%	4
Phenol-d5	67	%					%	4
2-Fluorophenol	69	%					%	4
2, 4, 6-Tribromophenol	95	%					%	4

Appendix D: Results of Semivolatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	NOTES	CRDL	UNITS	DILUTION
TR4-ES-260-490-8 RE								
Phenol	1300	UG/KG	U	NP		1300	UG/KG	4
bis(2-Chloroethyl) ether	1300	UG/KG	U	NP		1300	UG/KG	4
2-Chlorophenol	1300	UG/KG	U	NP		1300	UG/KG	4
1, 3-Dichlorobenzene	1300	UG/KG	U	NP		1300	UG/KG	4
1, 4-Dichlorobenzene	1300	UG/KG	U	NP		1300	UG/KG	4
Benzyl Alcohol	1300	UG/KG	U	NP		1300	UG/KG	4
1, 2-Dichlorobenzene	1300	UG/KG	U	NP		1300	UG/KG	4
2-Methylphenol	1300	UG/KG	U	NP		1300	UG/KG	4
bis(2-Chloroisopropyl) ether	1300	UG/KG	U	NP		1300	UG/KG	4
4-Methylphenol	1300	UG/KG	U	NP		1300	UG/KG	4
N-Nitroso-di-n-Propylamine	1300	UG/KG	U	NP		1300	UG/KG	4
Hexachloroethane	1300	UG/KG	U	NP		1300	UG/KG	4
Nitrobenzene	1300	UG/KG	U	NP		1300	UG/KG	4
Isophorone	1300	UG/KG	U	NP		1300	UG/KG	4
2-Nitrophenol	1300	UG/KG	U	NP		1300	UG/KG	4
2, 4-Dimethylphenol	1300	UG/KG	U	NP		1300	UG/KG	4
Benzoic Acid	6400	UG/KG	U	NP		6400	UG/KG	4
bis(2Chloroethoxy)methane	1300	UG/KG	U	NP		1300	UG/KG	4
2, 4-Dichlorophenol	1300	UG/KG	U	NP		1300	UG/KG	4
1, 2, 4-Trichlorobenzene	1300	UG/KG	U	NP		1300	UG/KG	4
Naphthalene	480	UG/KG	J	NP		1300	UG/KG	4
4-Chloroaniline	1300	UG/KG	U	NP		1300	UG/KG	4
Hexachlorobutadiene	1300	UG/KG	U	NP		1300	UG/KG	4
4-Chloro-3-Methylphenol	1300	UG/KG	U	NP		1300	UG/KG	4
2-Methylnaphthalene	1300	UG/KG	U	NP		1300	UG/KG	4
Hexachlorocyclopentadiene	1300	UG/KG	U	NP		1300	UG/KG	4
2, 4, 6-Trichlorophenol	1300	UG/KG	U	NP		1300	UG/KG	4
2, 4, 5-Trichlorophenol	6400	UG/KG	U	NP		6400	UG/KG	4
2-Chloronaphthalene	1300	UG/KG	U	NP		1300	UG/KG	4
2-Nitroaniline	6400	UG/KG	U	NP		6400	UG/KG	4
Dimethyl Phthalate	1300	UG/KG	U	NP		1300	UG/KG	4
Acenaphthylene	1300	UG/KG	U	NP		1300	UG/KG	4
2, 6-Dinitrotoluene	1300	UG/KG	U	NP		1300	UG/KG	4
3-Nitroaniline	6400	UG/KG	U	NP		6400	UG/KG	4
Acenaphthene	1300	UG/KG	U	NP		1300	UG/KG	4
2, 4-Dinitrophenol	6400	UG/KG	U	NP		6400	UG/KG	4
4-Nitrophenol	6400	UG/KG	U	NP		6400	UG/KG	4
Dibenzofuran	1300	UG/KG	U	NP		1300	UG/KG	4
2, 4-Dinitrotoluene	1300	UG/KG	U	NP		1300	UG/KG	4
Diethylphthalate	1300	UG/KG	U	NP		1300	UG/KG	4
4-Chlorophenyl phenyl ether	1300	UG/KG	U	NP		1300	UG/KG	4
Fluorene	2300	UG/KG		NP		1300	UG/KG	4
4-Nitroaniline	6400	UG/KG	U	NP		6400	UG/KG	4
4, 6-Dinitro-2-Methylphenol	6400	UG/KG	U	NP		6400	UG/KG	4
N-Nitrosodiphenylamine	1300	UG/KG	U	NP		1300	UG/KG	4
4-Bromophenyl phenyl ether	1300	UG/KG	U	NP		1300	UG/KG	4
Hexachlorobenzene	1300	UG/KG	U	NP		1300	UG/KG	4
Pentachlorophenol	6400	UG/KG	U	NP		6400	UG/KG	4
Phenanthrene	1300	UG/KG	U	NP		1300	UG/KG	4

Appendix D: Results of Semivolatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	NOTES	CRDL	UNITS	DILUTION
TR4-ES-260-490-8 RE (CONT)								
Anthracene	1300	UG/KG	U	NP		1300	UG/KG	4
Di-N-Butylphthalate	1300	UG/KG	U	NP		1300	UG/KG	4
Fluoranthene	1300	UG/KG	U	NP		1300	UG/KG	4
Pyrene	1300	UG/KG	U	NP		1300	UG/KG	4
Butyl Benzyl Phthalate	1300	UG/KG	U	NP		1300	UG/KG	4
3, 3'-Dichlorobenzidine	2600	UG/KG	U	NP		2600	UG/KG	4
Benzo(a)Anthracene	1300	UG/KG	U	NP		1300	UG/KG	4
Chrysene	1300	UG/KG	U	NP		1300	UG/KG	4
bis(2-Ethylhexyl)phthalate	250	UG/KG	J	NP		1300	UG/KG	4
di-N-Octyl Phthalate	1300	UG/KG	U	NP		1300	UG/KG	4
Benzo(b)Fluoranthene	1300	UG/KG	U	NP		1300	UG/KG	4
Benzo(k)Fluoranthene	1300	UG/KG	U	NP		1300	UG/KG	4
Benzo(a)Pyrene	1300	UG/KG	U	NP		1300	UG/KG	4
Indeno(1,2,3-CD)Pyrene	1300	UG/KG	U	NP		1300	UG/KG	4
Dibenzo(a,h)Anthracene	1300	UG/KG	U	NP		1300	UG/KG	4
Benzo(g,h,i)Perylene	1300	UG/KG	U	NP		1300	UG/KG	4
Nitrobenzene-d5	75	%					%	4
2-Fluorobiphenyl	72	%					%	4
Terphenyl-d14	62	%					%	4
Phenol-d5	71	%					%	4
2-Fluorophenol	65	%					%	4
2, 4, 6-Tribromophenol	83	%					%	4

Appendix D: Results of Semivolatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	NOTES	CRDL	UNITS	DILUTION
TR5-ES-590-570-12								
Phenol	330	UG/KG	U	—		330 UG/KG		1
bis(2-Chloroethyl) ether	330	UG/KG	U	—		330 UG/KG		1
2-Chlorophenol	330	UG/KG	U	—		330 UG/KG		1
1, 3-Dichlorobenzene	330	UG/KG	U	—		330 UG/KG		1
1, 4-Dichlorobenzene	330	UG/KG	U	—		330 UG/KG		1
Benzyl Alcohol	330	UG/KG	U	—		330 UG/KG		1
1, 2-Dichlorobenzene	330	UG/KG	U	—		330 UG/KG		1
2-Methylphenol	330	UG/KG	U	—		330 UG/KG		1
bis(2-Chloroisopropyl) ether	330	UG/KG	U	—		330 UG/KG		1
4-Methylphenol	330	UG/KG	U	—		330 UG/KG		1
N-Nitroso-di-nPropylamine	330	UG/KG	U	—		330 UG/KG		1
Hexachloroethane	330	UG/KG	U	—		330 UG/KG		1
Nitrobenzene	330	UG/KG	U	—		330 UG/KG		1
Isophorone	330	UG/KG	U	—		330 UG/KG		1
2-Nitrophenol	330	UG/KG	U	—		330 UG/KG		1
2, 4-Dimethylphenol	330	UG/KG	U	—		330 UG/KG		1
Benzoic Acid	1600	UG/KG	U	—		1600 UG/KG		1
bis(2Chloroethoxy)methane	330	UG/KG	U	—		330 UG/KG		1
2, 4-Dichlorophenol	330	UG/KG	U	—		330 UG/KG		1
1, 2, 4-Trichlorobenzene	330	UG/KG	U	—		330 UG/KG		1
Naphthalene	100	UG/KG	J	—		330 UG/KG		1
4-Chloroaniline	330	UG/KG	U	—		330 UG/KG		1
Hexachlorobutadiene	330	UG/KG	U	—		330 UG/KG		1
4-Chloro-3-Methylphenol	330	UG/KG	U	—		330 UG/KG		1
2-Methylnaphthalene	1500	UG/KG		—		330 UG/KG		1
Hexachlorocyclopentadiene	330	UG/KG	U	—		330 UG/KG		1
2, 4, 6-Trichlorophenol	330	UG/KG	U	—		330 UG/KG		1
2, 4, 5-Trichlorophenol	1600	UG/KG	U	—		1600 UG/KG		1
2-Chloronaphthalene	330	UG/KG	U	—		330 UG/KG		1
2-Nitroaniline	1600	UG/KG	U	—		1600 UG/KG		1
Dimethyl Phthalate	330	UG/KG	U	—		330 UG/KG		1
Acenaphthylene	330	UG/KG	U	—		330 UG/KG		1
2, 6-Dinitrotoluene	330	UG/KG	U	—		330 UG/KG		1
3-Nitroaniline	1600	UG/KG	U	—		1600 UG/KG		1
Acenaphthene	330	UG/KG	U	—		330 UG/KG		1
2, 4-Dinitrophenol	1600	UG/KG	U	—		1600 UG/KG		1
4-Nitrophenol	1600	UG/KG	U	—		1600 UG/KG		1
Dibenzofuran	330	UG/KG	U	—		330 UG/KG		1
2, 4-Dinitrotoluene	330	UG/KG	U	—		330 UG/KG		1
Diethylphthalate	330	UG/KG	U	—		330 UG/KG		1
4-Chlorophenyl phenyl ether	330	UG/KG	U	—		330 UG/KG		1
Fluorene	170	UG/KG	J	—		330 UG/KG		1
4-Nitroaniline	1600	UG/KG	U	—		1600 UG/KG		1
4, 6-Dinitro-2-Methylphenol	1600	UG/KG	U	—		1600 UG/KG		1
N-Nitrosodiphenylamine	330	UG/KG	U	—		330 UG/KG		1
4-Bromophenyl phenyl ether	330	UG/KG	U	—		330 UG/KG		1
Hexachlorobenzene	330	UG/KG	U	—		330 UG/KG		1
Pentachlorophenol	1600	UG/KG	U	—		1600 UG/KG		1
Phenanthrene	330	UG/KG	U	—		330 UG/KG		1

Appendix D: Results of Semivolatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	NOTES	CRDL	UNITS	DILUTION
TR5-ES-590-570-12 (CON'T)								
Anthracene	330	UG/KG	U	--		330	UG/KG	1
Di-N-Butylphthalate	330	UG/KG	U	--		330	UG/KG	1
Fluoranthene	330	UG/KG	U	--		330	UG/KG	1
Pyrene	330	UG/KG	U	--		330	UG/KG	1
Butyl Benzyl Phthalate	330	UG/KG	U	--		330	UG/KG	1
3, 3'-Dichlorobenzidine	650	UG/KG	U	--		650	UG/KG	1
Benzo(a)Anthracene	330	UG/KG	U	--		330	UG/KG	1
Chrysene	330	UG/KG	U	--		330	UG/KG	1
bis(2-Ethylhexyl)phthalate	330	UG/KG	U	--		330	UG/KG	1
di-N-Octyl Phthalate	330	UG/KG	U	--		330	UG/KG	1
Benzo(b)Fluoranthene	330	UG/KG	U	--		330	UG/KG	1
Benzo(k)Fluoranthene	330	UG/KG	U	--		330	UG/KG	1
Benzo(a)Pyrene	330	UG/KG	U	--		330	UG/KG	1
Indeno(1,2,3-CD)Pyrene	330	UG/KG	U	--		330	UG/KG	1
Dibenzo(a,h)Anthracene	330	UG/KG	U	--		330	UG/KG	1
Benzo(g,h,i)Perylene	330	UG/KG	U	--		330	UG/KG	1
Nitrobenzene-d5	53	%				%		1
2-Fluorobiphenyl	62	%				%		1
Terphenyl-d14	58	%				%		1
Phenol-d5	59	%				%		1
2-Fluorophenol	55	%				%		1
2, 4, 6-Tribromophenol	71	%				%		1

Appendix D: Results of Semivolatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	NOTES	CRDL	UNITS	DILUTION
TR6-ES-495-585-12								
Phenol	330	UG/KG	U	NP		330	UG/KG	1
bis(2-Chloroethyl) ether	330	UG/KG	U	NP		330	UG/KG	1
2-Chlorophenol	330	UG/KG	U	NP		330	UG/KG	1
1, 3-Dichlorobenzene	330	UG/KG	U	NP		330	UG/KG	1
1, 4-Dichlorobenzene	330	UG/KG	U	NP		330	UG/KG	1
Benzyl Alcohol	330	UG/KG	U	NP		330	UG/KG	1
1, 2-Dichlorobenzene	330	UG/KG	U	NP		330	UG/KG	1
2-Methylphenol	330	UG/KG	U	NP		330	UG/KG	1
bis(2-Chloroisopropyl) ether	330	UG/KG	U	NP		330	UG/KG	1
4-Methylphenol	330	UG/KG	U	NP		330	UG/KG	1
N-Nitroso-di-n-Propylamine	330	UG/KG	U	NP		330	UG/KG	1
Hexachloroethane	330	UG/KG	U	NP		330	UG/KG	1
Nitrobenzene	330	UG/KG	U	NP		330	UG/KG	1
Isophorone	330	UG/KG	U	NP		330	UG/KG	1
2-Nitrophenol	330	UG/KG	U	NP		330	UG/KG	1
2, 4-Dimethylphenol	330	UG/KG	U	NP		330	UG/KG	1
Benzoic Acid	1600	UG/KG	U	NP		1600	UG/KG	1
bis(2Chloroethoxy)methane	330	UG/KG	U	NP		330	UG/KG	1
2, 4-Dichlorophenol	330	UG/KG	U	NP		330	UG/KG	1
1, 2, 4-Trichlorobenzene	330	UG/KG	U	NP		330	UG/KG	1
Naphthalene	330	UG/KG	U	NP		330	UG/KG	1
4-Chloroaniline	330	UG/KG	U	NP		330	UG/KG	1
Hexachlorobutadiene	330	UG/KG	U	NP		330	UG/KG	1
4-Chloro-3-Methylphenol	330	UG/KG	U	NP		330	UG/KG	1
2-Methylnaphthalene	330	UG/KG	U	NP		330	UG/KG	1
Hexachlorocyclopentadiene	330	UG/KG	U	NP		330	UG/KG	1
2, 4, 6-Trichlorophenol	330	UG/KG	U	NP		330	UG/KG	1
2, 4, 5-Trichlorophenol	1600	UG/KG	U	NP		1600	UG/KG	1
2-Chloronaphthalene	330	UG/KG	U	NP		330	UG/KG	1
2-Nitroaniline	1600	UG/KG	U	NP		1600	UG/KG	1
Dimethyl Phthalate	330	UG/KG	U	NP		330	UG/KG	1
Acenaphthylene	330	UG/KG	U	NP		330	UG/KG	1
2, 6-Dinitrotoluene	330	UG/KG	U	NP		330	UG/KG	1
3-Nitroaniline	1600	UG/KG	U	NP		1600	UG/KG	1
Acenaphthene	330	UG/KG	U	NP		330	UG/KG	1
2, 4-Dinitrophenol	1600	UG/KG	U	NP		1600	UG/KG	1
4-Nitrophenol	1600	UG/KG	U	NP		1600	UG/KG	1
Dibenzofuran	330	UG/KG	U	NP		330	UG/KG	1
2, 4-Dinitrotoluene	330	UG/KG	U	NP		330	UG/KG	1
Diethylphthalate	330	UG/KG	U	NP		330	UG/KG	1
4-Chlorophenyl phenyl ether	330	UG/KG	U	NP		330	UG/KG	1
Fluorene	70	UG/KG	J	NP		330	UG/KG	1
4-Nitroaniline	1600	UG/KG	U	NP		1600	UG/KG	1
4, 6-Dinitro-2-Methylphenol	1600	UG/KG	U	NP		1600	UG/KG	1
N-Nitrosodiphenylamine	330	UG/KG	U	NP		330	UG/KG	1
4-Bromophenyl phenyl ether	330	UG/KG	U	NP		330	UG/KG	1
Hexachlorobenzene	330	UG/KG	U	NP		330	UG/KG	1
Pentachlorophenol	1600	UG/KG	U	NP		1600	UG/KG	1
Phenanthrene	330	UG/KG	U	NP		330	UG/KG	1

Appendix D: Results of Semivolatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	NOTES	CRDL	UNITS	DILUTION
TR6-ES-495-585-12 (CONT)								
Anthracene	330	UG/KG	U	NP		330	UG/KG	1
Di-N-Butylphthalate	330	UG/KG	U	NP		330	UG/KG	1
Fluoranthene	330	UG/KG	U	NP		330	UG/KG	1
Pyrene	330	UG/KG	U	NP		330	UG/KG	1
Butyl Benzyl Phthalate	330	UG/KG	U	NP		330	UG/KG	1
3, 3'-Dichlorobenzidine	660	UG/KG	U	NP		660	UG/KG	1
Benzo(a)Anthracene	330	UG/KG	U	NP		330	UG/KG	1
Chrysene	330	UG/KG	U	NP		330	UG/KG	1
bis(2-Ethylhexyl)phthalate	330	UG/KG	U	NP		330	UG/KG	1
di-N-Octyl Phthalate	330	UG/KG	U	NP		330	UG/KG	1
Benzo(b)Fluoranthene	330	UG/KG	U	NP		330	UG/KG	1
Benzo(k)Fluoranthene	330	UG/KG	U	NP		330	UG/KG	1
Benzo(a)Pyrene	330	UG/KG	U	NP		330	UG/KG	1
Indeno(1,2,3-CD)Pyrene	330	UG/KG	U	NP		330	UG/KG	1
Dibenzo(a,h)Anthracene	330	UG/KG	U	NP		330	UG/KG	1
Benzo(g,h,i)Perylene	330	UG/KG	U	NP		330	UG/KG	1
Unknown-1	200	UG/KG	J	NP			UG/KG	1
Unknown-2	190	UG/KG	J	NP			UG/KG	1
Unknown-3	150	UG/KG	J	NP			UG/KG	1
Unknown-4	210	UG/KG	J	NP			UG/KG	1
Unknown-5	280	UG/KG	J	NP			UG/KG	1
Unknown-6	160	UG/KG	J	NP			UG/KG	1
Unknown-7	150	UG/KG	J	NP			UG/KG	1
Unknown-8	360	UG/KG	J	NP			UG/KG	1
Unknown-9	200	UG/KG	J	NP			UG/KG	1
Unknown-10	160	UG/KG	J	NP			UG/KG	1
Unknown-11	270	UG/KG	J	NP			UG/KG	1
Unknown-12	290	UG/KG	J	NP			UG/KG	1
Unknown-13	210	UG/KG	J	NP			UG/KG	1
Unknown-14	250	UG/KG	J	NP			UG/KG	1
Unknown-15	340	UG/KG	J	NP			UG/KG	1
Unknown-16	180	UG/KG	J	NP			UG/KG	1
Unknown-17	210	UG/KG	J	NP			UG/KG	1
Unknown-18	280	UG/KG	J	NP			UG/KG	1
Unknown-19	370	UG/KG	J	NP			UG/KG	1
Unknown-20	190	UG/KG	J	NP			UG/KG	1
Unknown-21	220	UG/KG	J	NP			UG/KG	1
Unknown-22	270	UG/KG	BJ	NP			UG/KG	1
Nitrobenzene-d5	78	%					%	1
2-Fluorobiphenyl	71	%					%	1
Terphenyl-d14	58	%					%	1
Phenol-d5	81	%					%	1
2-Fluorophenol	75	%					%	1
2, 4, 6-Tribromophenol	80	%				4 %		1

Appendix D: Results of Semivolatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	NOTES	CRDL	UNITS	DILUTION
TR6-ES-485-590-6								
Phenol	330	UG/KG	U	NP		330 UG/KG		1
bis(2-Chloroethyl) ether	330	UG/KG	U	NP		330 UG/KG		1
2-Chlorophenol	330	UG/KG	U	NP		330 UG/KG		1
1, 3-Dichlorobenzene	330	UG/KG	U	NP		330 UG/KG		1
1, 4-Dichlorobenzene	330	UG/KG	U	NP		330 UG/KG		1
Benzyl Alcohol	330	UG/KG	U	NP		330 UG/KG		1
1, 2-Dichlorobenzene	330	UG/KG	U	NP		330 UG/KG		1
2-Methylphenol	330	UG/KG	U	NP		330 UG/KG		1
bis(2-Chloroisopropyl) ether	330	UG/KG	U	NP		330 UG/KG		1
4-Methylphenol	330	UG/KG	U	NP		330 UG/KG		1
N-Nitroso-di-nPropylamine	330	UG/KG	U	NP		330 UG/KG		1
Hexachloroethane	330	UG/KG	U	NP		330 UG/KG		1
Nitrobenzene	330	UG/KG	U	NP		330 UG/KG		1
Isophorone	330	UG/KG	U	NP		330 UG/KG		1
2-Nitrophenol	330	UG/KG	U	NP		330 UG/KG		1
2, 4-Dimethylphenol	330	UG/KG	U	NP		330 UG/KG		1
Benzoic Acid	1600	UG/KG	U	NP		1600 UG/KG		1
bis(2Chloroethoxy)methane	330	UG/KG	U	NP		330 UG/KG		1
2, 4-Dichlorophenol	330	UG/KG	U	NP		330 UG/KG		1
1, 2, 4-Trichlorobenzene	330	UG/KG	U	NP		330 UG/KG		1
Naphthalene	330	UG/KG	U	NP		330 UG/KG		1
4-Chloroaniline	330	UG/KG	U	NP		330 UG/KG		1
Hexachlorobutadiene	330	UG/KG	U	NP		330 UG/KG		1
4-Chloro-3-Methylphenol	330	UG/KG	U	NP		330 UG/KG		1
2-Methylnaphthalene	330	UG/KG	U	NP		330 UG/KG		1
Hexachlorocyclopentadiene	330	UG/KG	U	NP		330 UG/KG		1
2, 4, 6-Trichlorophenol	330	UG/KG	U	NP		330 UG/KG		1
2, 4, 5-Trichlorophenol	1600	UG/KG	U	NP		1600 UG/KG		1
2-Chloronaphthalene	330	UG/KG	U	NP		330 UG/KG		1
2-Nitroaniline	1600	UG/KG	U	NP		1600 UG/KG		1
Dimethyl Phthalate	330	UG/KG	U	NP		330 UG/KG		1
Acenaphthylene	330	UG/KG	U	NP		330 UG/KG		1
2, 6-Dinitrotoluene	330	UG/KG	U	NP		330 UG/KG		1
3-Nitroaniline	1600	UG/KG	U	NP		1600 UG/KG		1
Acenaphthene	330	UG/KG	U	NP		330 UG/KG		1
2, 4-Dinitrophenol	1600	UG/KG	U	NP		1600 UG/KG		1
4-Nitrophenol	1600	UG/KG	U	NP		1600 UG/KG		1
Dibenzofuran	330	UG/KG	U	NP		330 UG/KG		1
2, 4-Dinitrotoluene	330	UG/KG	U	NP		330 UG/KG		1
Diethylphthalate	330	UG/KG	U	NP		330 UG/KG		1
4-Chlorophenyl phenyl ether	330	UG/KG	U	NP		330 UG/KG		1
Fluorene	330	UG/KG	U	NP		330 UG/KG		1
4-Nitroaniline	1600	UG/KG	U	NP		1600 UG/KG		1
4, 6-Dinitro-2-Methylphenol	1600	UG/KG	U	NP		1600 UG/KG		1
N-Nitrosodiphenylamine	330	UG/KG	U	NP		330 UG/KG		1
4-Bromophenyl phenyl ether	330	UG/KG	U	NP		330 UG/KG		1
Hexachlorobenzene	330	UG/KG	U	NP		330 UG/KG		1
Pentachlorophenol	1600	UG/KG	U	NP		1600 UG/KG		1
Phenanthrene	330	UG/KG	U	NP		330 UG/KG		1

Appendix D: Results of Semivolatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID	NOTES	CRDL	UNITS	DILUTION
TR6-ES-485-590-6								
Anthracene	330	UG/KG	U	NP		330	UG/KG	1
Di-N-Butylphthalate	330	UG/KG	U	NP		330	UG/KG	1
Fluoranthene	330	UG/KG	U	NP		330	UG/KG	1
Pyrene	330	UG/KG	U	NP		330	UG/KG	1
Butyl Benzyl Phthalate	330	UG/KG	U	NP		330	UG/KG	1
3, 3'-Dichlorobenzidine	660	UG/KG	U	NP		660	UG/KG	1
Benzo(a)Anthracene	330	UG/KG	U	NP		330	UG/KG	1
Chrysene	330	UG/KG	U	NP		330	UG/KG	1
bis(2-Ethylhexyl)phthalate	330	UG/KG	U	NP		330	UG/KG	1
di-N-Octyl Phthalate	330	UG/KG	U	NP		330	UG/KG	1
Benzo(b)Fluoranthene	330	UG/KG	U	NP		330	UG/KG	1
Benzo(k)Fluoranthene	330	UG/KG	U	NP		330	UG/KG	1
Benzo(a)Pyrene	330	UG/KG	U	NP		330	UG/KG	1
Indeno(1,2,3-CD)Pyrene	330	UG/KG	U	NP		330	UG/KG	1
Dibenzo(a,h)Anthracene	330	UG/KG	U	NP		330	UG/KG	1
Benzo(g,h,i)Perylene	330	UG/KG	U	NP		330	UG/KG	1
Unknown-1	120	UG/KG	J	NP			UG/KG	1
Unknown-2	84	UG/KG	J	NP			UG/KG	1
Unknown-3	71	UG/KG	J	NP			UG/KG	1
Unknown-4	86	UG/KG	BJ	NP			UG/KG	1
Nitrobenzene-d5	79	%					%	1
2-Fluorobiphenyl	71	%					%	1
Terphenyl-d14	61	%					%	1
Phenol-d5	71	%					%	1
2-Fluorophenol	67	%					%	1
2, 4, 6-Tribromophenol	85	%					%	1

Appendix D: Results of Semivolatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	NOTES	CRDL	UNITS	DILUTION
TR7-ES-558-650-5								
Phenol	330	UG/KG	U	---		330	UG/KG	1
bis(2-Chloroethyl) ether	330	UG/KG	U	---		330	UG/KG	1
2-Chlorophenol	330	UG/KG	U	---		330	UG/KG	1
1, 3-Dichlorobenzene	330	UG/KG	U	---		330	UG/KG	1
1, 4-Dichlorobenzene	330	UG/KG	U	---		330	UG/KG	1
Benzyl Alcohol	330	UG/KG	U	---		330	UG/KG	1
1, 2-Dichlorobenzene	330	UG/KG	U	---		330	UG/KG	1
2-Methylphenol	330	UG/KG	U	---		330	UG/KG	1
bis(2-Chloroisopropyl) ether	330	UG/KG	U	---		330	UG/KG	1
4-Methylphenol	330	UG/KG	U	---		330	UG/KG	1
N-Nitroso-di-nPropylamine	330	UG/KG	U	---		330	UG/KG	1
Hexachloroethane	330	UG/KG	U	---		330	UG/KG	1
Nitrobenzene	330	UG/KG	U	---		330	UG/KG	1
Isophorone	330	UG/KG	U	---		330	UG/KG	1
2-Nitrophenol	330	UG/KG	U	---		330	UG/KG	1
2, 4-Dimethylphenol	330	UG/KG	U	---		330	UG/KG	1
Benzoic Acid	1600	UG/KG	U	---		1600	UG/KG	1
bis(2Chloroethoxy)methane	330	UG/KG	U	---		330	UG/KG	1
2, 4-Dichlorophenol	330	UG/KG	U	---		330	UG/KG	1
1, 2, 4-Trichlorobenzene	330	UG/KG	U	---		330	UG/KG	1
Naphthalene	330	UG/KG	U	---		330	UG/KG	1
4-Chloroaniline	330	UG/KG	U	---		330	UG/KG	1
Hexachlorobutadiene	330	UG/KG	U	---		330	UG/KG	1
4-Chloro-3-Methylphenol	330	UG/KG	U	---		330	UG/KG	1
2-Methylnaphthalene	940	UG/KG		---		330	UG/KG	1
Hexachlorocyclopentadiene	330	UG/KG	U	---		330	UG/KG	1
2, 4, 6-Trichlorophenol	330	UG/KG	U	---		330	UG/KG	1
2, 4, 5-Trichlorophenol	1600	UG/KG	U	---		1600	UG/KG	1
2-Chloronaphthalene	330	UG/KG	U	---		330	UG/KG	1
2-Nitroaniline	1600	UG/KG	U	---		1600	UG/KG	1
Dimethyl Phthalate	330	UG/KG	U	---		330	UG/KG	1
Acenaphthylene	330	UG/KG	U	---		330	UG/KG	1
2, 6-Dinitrotoluene	330	UG/KG	U	---		330	UG/KG	1
3-Nitroaniline	1600	UG/KG	U	---		1600	UG/KG	1
Acenaphthene	330	UG/KG	U	---		330	UG/KG	1
2, 4-Dinitrophenol	1600	UG/KG	U	---		1600	UG/KG	1
4-Nitrophenol	1600	UG/KG	U	---		1600	UG/KG	1
Dibenzofuran	330	UG/KG	U	---		330	UG/KG	1
2, 4-Dinitrotoluene	330	UG/KG	U	---		330	UG/KG	1
Diethylphthalate	330	UG/KG	U	---		330	UG/KG	1
4-Chlorophenyl phenyl ether	330	UG/KG	U	---		330	UG/KG	1
Fluorene	230	UG/KG	J	---		330	UG/KG	1
4-Nitroaniline	1600	UG/KG	U	---		1600	UG/KG	1
4, 6-Dinitro-2-Methylphenol	1600	UG/KG	U	---		1600	UG/KG	1
N-Nitrosodiphenylamine	330	UG/KG	U	---		330	UG/KG	1
4-Bromophenyl phenyl ether	330	UG/KG	U	---		330	UG/KG	1
Hexachlorobenzene	330	UG/KG	U	---		330	UG/KG	1
Pentachlorophenol	1600	UG/KG	U	---		1600	UG/KG	1
Phenanthrene	130	UG/KG	J	---		330	UG/KG	1

Appendix D: Results of Semivolatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID	NOTES	CRDL	UNITS	DILUTION
TR7-ES-558-650-5 (CON'T)								
Anthracene	330	UG/KG	U	---		330 UG/KG		1
Di-N-Butylphthalate	330	UG/KG	U	---		330 UG/KG		1
Fluoranthene	330	UG/KG	U	---		330 UG/KG		1
Pyrene	330	UG/KG	U	---		330 UG/KG		1
Butyl Benzyl Phthalate	330	UG/KG	U	---		330 UG/KG		1
3, 3'-Dichlorobenzidine	660	UG/KG	U	---		660 UG/KG		1
Benzo(a)Anthracene	330	UG/KG	U	---		330 UG/KG		1
Chrysene	330	UG/KG	U	---		330 UG/KG		1
bis(2-Ethylhexyl)phthalate	330	UG/KG	U	---		330 UG/KG		1
di-N-Octyl Phthalate	330	UG/KG	U	---		330 UG/KG		1
Benzo(b)Fluoranthene	330	UG/KG	U	---		330 UG/KG		1
Benzo(k)Fluoranthene	330	UG/KG	U	---		330 UG/KG		1
Benzo(a)Pyrene	330	UG/KG	U	---		330 UG/KG		1
Indeno(1,2,3-CD)Pyrene	330	UG/KG	U	---		330 UG/KG		1
Dibenzo(a,h)Anthracene	330	UG/KG	U	---		330 UG/KG		1
Benzo(g,h,i)Perylene	330	UG/KG	U	---		330 UG/KG		1
Nitrobenzene-d5	52	%				%		1
2-Fluorobiphenyl	56	%				%		1
Terphenyl-d14	55	%				%		1
Phenol-d5	56	%				%		1
2-Fluorophenol	55	%				%		1
2, 4, 6-Tribromophenol	62	%				%		1

Appendix D: Results of Semivolatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	NOTES	CRDL	UNITS	DILUTION
TR7-ES-560-650-14								
Phenol	330	UG/KG	U	---		330	UG/KG	1
bis(2-Chloroethyl) ether	330	UG/KG	U	---		330	UG/KG	1
2-Chlorophenol	330	UG/KG	U	---		330	UG/KG	1
1, 3-Dichlorobenzene	330	UG/KG	U	---		330	UG/KG	1
1, 4-Dichlorobenzene	330	UG/KG	U	---		330	UG/KG	1
Benzyl Alcohol	330	UG/KG	U	---		330	UG/KG	1
1, 2-Dichlorobenzene	330	UG/KG	U	---		330	UG/KG	1
2-Methylphenol	330	UG/KG	U	---		330	UG/KG	1
bis(2-Chloroisopropyl) ether	330	UG/KG	U	---		330	UG/KG	1
4-Methylphenol	330	UG/KG	U	---		330	UG/KG	1
N-Nitroso-di-nPropylamine	330	UG/KG	U	---		330	UG/KG	1
Hexachloroethane	330	UG/KG	U	---		330	UG/KG	1
Nitrobenzene	330	UG/KG	U	---		330	UG/KG	1
Isophorone	330	UG/KG	U	---		330	UG/KG	1
2-Nitrophenol	330	UG/KG	U	---		330	UG/KG	1
2, 4-Dimethylphenol	330	UG/KG	U	---		330	UG/KG	1
Benzoic Acid	1600	UG/KG	U	---		1600	UG/KG	1
bis(2Chloroethoxy)methane	330	UG/KG	U	---		330	UG/KG	1
2, 4-Dichlorophenol	330	UG/KG	U	---		330	UG/KG	1
1, 2, 4-Trichlorobenzene	330	UG/KG	U	---		330	UG/KG	1
Naphthalene	330	UG/KG	U	---		330	UG/KG	1
4-Chloroaniline	330	UG/KG	U	---		330	UG/KG	1
Hexachlorobutadiene	330	UG/KG	U	---		330	UG/KG	1
4-Chloro-3-Methylphenol	330	UG/KG	U	---		330	UG/KG	1
2-Methylnaphthalene	330	UG/KG	U	---		330	UG/KG	1
Hexachlorocyclopentadiene	330	UG/KG	U	---		330	UG/KG	1
2, 4, 6-Trichlorophenol	330	UG/KG	U	---		330	UG/KG	1
2, 4, 5-Trichlorophenol	1600	UG/KG	U	---		1600	UG/KG	1
2-Chloronaphthalene	330	UG/KG	U	---		330	UG/KG	1
2-Nitroaniline	1600	UG/KG	U	---		1600	UG/KG	1
Dimethyl Phthalate	330	UG/KG	U	---		330	UG/KG	1
Acenaphthylene	330	UG/KG	U	---		330	UG/KG	1
2, 6-Dinitrotoluene	330	UG/KG	U	---		330	UG/KG	1
3-Nitroaniline	1600	UG/KG	U	---		1600	UG/KG	1
Acenaphthene	330	UG/KG	U	---		330	UG/KG	1
2, 4-Dinitrophenol	1600	UG/KG	U	---		1600	UG/KG	1
4-Nitrophenol	1600	UG/KG	U	---		1600	UG/KG	1
Dibenzofuran	330	UG/KG	U	---		330	UG/KG	1
2, 4-Dinitrotoluene	330	UG/KG	U	---		330	UG/KG	1
Diethylphthalate	330	UG/KG	U	---		330	UG/KG	1
4-Chlorophenyl phenyl ether	330	UG/KG	U	---		330	UG/KG	1
Fluorene	330	UG/KG	U	---		330	UG/KG	1
4-Nitroaniline	1600	UG/KG	U	---		1600	UG/KG	1
4, 6-Dinitro-2-Methylphenol	1600	UG/KG	U	R	A	1600	UG/KG	1
N-Nitrosodiphenylamine	330	UG/KG	U	R	A	330	UG/KG	1
4-Bromophenyl phenyl ether	330	UG/KG	U	R	A	330	UG/KG	1
Hexachlorobenzene	330	UG/KG	U	R	A	330	UG/KG	1
Pentachlorophenol	1600	UG/KG	U	R	A	1600	UG/KG	1
Phenanthrene	330	UG/KG	U	R	A	330	UG/KG	1

Appendix D: Results of Semivolatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	NOTES	CRDL	UNITS	DILUTION
TR7-ES-560-650-14 (CON'T)								
Anthracene	330	UG/KG	U	R	A	330	UG/KG	1
Di-N-Butylphthalate	330	UG/KG	U	R	A	330	UG/KG	1
Fluoranthene	330	UG/KG	U	R	A	330	UG/KG	1
Pyrene	330	UG/KG	U	R	A	330	UG/KG	1
Butyl Benzyl Phthalate	330	UG/KG	U	R	A	330	UG/KG	1
3, 3'-Dichlorobenzidine	660	UG/KG	U	R	A	660	UG/KG	1
Benzo(a)Anthracene	330	UG/KG	U	R	A	330	UG/KG	1
Chrysene	330	UG/KG	U	R	A	330	UG/KG	1
bis(2-Ethylhexyl)phthalate	2100	UG/KG		R	A	330	UG/KG	1
di-N-Octyl Phthalate	330	UG/KG	U	R		330	UG/KG	1
Benzo(b)Fluoranthene	330	UG/KG	U	R		330	UG/KG	1
Benzo(k)Fluoranthene	330	UG/KG	U	R		330	UG/KG	1
Benzo(a)Pyrene	330	UG/KG	U	R		330	UG/KG	1
Indeno(1,2,3-CD)Pyrene	330	UG/KG	U	R		330	UG/KG	1
Dibenzo(a,h)Anthracene	330	UG/KG	U	R		330	UG/KG	1
Benzo(g,h,i)Perylene	330	UG/KG	U	R		330	UG/KG	1
Nitrobenzene-d5	67	%					%	1
2-Fluorobiphenyl	99	%					%	1
Terphenyl-d14	75	%					%	1
Phenol-d5	56	%					%	1
2-Fluorophenol	57	%					%	1
2, 4, 6-Tribromophenol	84	%					%	1

NOTE A: Results of analyses for these compounds are unuseable; Use the results from the re-run sample (TR7-ES-560-650-14 RE)

Appendix D: Results of Semivolatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	NOTES	CRDL	UNITS	DILUTION
TR7-ES-560-650-14 RE								
Phenol	330	UG/KG	U	R		330 UG/KG		1
bis(2-Chloroethyl) ether	330	UG/KG	U	R		330 UG/KG		1
2-Chlorophenol	330	UG/KG	U	R		330 UG/KG		1
1, 3-Dichlorobenzene	330	UG/KG	U	R		330 UG/KG		1
1, 4-Dichlorobenzene	330	UG/KG	U	R		330 UG/KG		1
Benzyl Alcohol	330	UG/KG	U	R		330 UG/KG		1
1, 2-Dichlorobenzene	330	UG/KG	U	R		330 UG/KG		1
2-Methylphenol	330	UG/KG	U	R		330 UG/KG		1
bis(2-Chloroisopropyl) ether	330	UG/KG	U	R		330 UG/KG		1
4-Methylphenol	330	UG/KG	U	R		330 UG/KG		1
N-Nitroso-di-nPropylamine	330	UG/KG	U	R		330 UG/KG		1
Hexachloroethane	330	UG/KG	U	R		330 UG/KG		1
Nitrobenzene	330	UG/KG	U	R		330 UG/KG		1
Isophorone	330	UG/KG	U	R		330 UG/KG		1
2-Nitrophenol	330	UG/KG	U	R		330 UG/KG		1
2, 4-Dimethylphenol	330	UG/KG	U	R		330 UG/KG		1
Benzoic Acid	1600	UG/KG	U	R		1600 UG/KG		1
bis(2Chloroethoxy)methane	330	UG/KG	U	R		330 UG/KG		1
2, 4-Dichlorophenol	330	UG/KG	U	R		330 UG/KG		1
1, 2, 4-Trichlorobenzene	330	UG/KG	U	R		330 UG/KG		1
Naphthalene	330	UG/KG	U	R		330 UG/KG		1
4-Chloroaniline	330	UG/KG	U	R		330 UG/KG		1
Hexachlorobutadiene	330	UG/KG	U	R		330 UG/KG		1
4-Chloro-3-Methylphenol	330	UG/KG	U	R		330 UG/KG		1
2-Methylnaphthalene	330	UG/KG	U	R		330 UG/KG		1
Hexachlorocyclopentadiene	330	UG/KG	U	R		330 UG/KG		1
2, 4, 6-Trichlorophenol	330	UG/KG	U	R		330 UG/KG		1
2, 4, 5-Trichlorophenol	1600	UG/KG	U	R		1600 UG/KG		1
2-Chloronaphthalene	330	UG/KG	U	R		330 UG/KG		1
2-Nitroaniline	1600	UG/KG	U	R		1600 UG/KG		1
Dimethyl Phthalate	330	UG/KG	U	R		330 UG/KG		1
Acenaphthylene	330	UG/KG	U	R		330 UG/KG		1
2, 6-Dinitrotoluene	330	UG/KG	U	R		330 UG/KG		1
3-Nitroaniline	1600	UG/KG	U	R		1600 UG/KG		1
Acenaphthene	330	UG/KG	U	R		330 UG/KG		1
2, 4-Dinitrophenol	1600	UG/KG	U	R		1600 UG/KG		1
4-Nitrophenol	1600	UG/KG	U	R		1600 UG/KG		1
Dibenzofuran	330	UG/KG	U	R		330 UG/KG		1
2, 4-Dinitrotoluene	330	UG/KG	U	R		330 UG/KG		1
Diethylphthalate	330	UG/KG	U	R		330 UG/KG		1
4-Chlorophenyl phenyl ether	330	UG/KG	U	R		330 UG/KG		1
Fluorene	330	UG/KG	U	R		330 UG/KG		1
4-Nitroaniline	1600	UG/KG	U	R		1600 UG/KG		1
4, 6-Dinitro-2-Methylphenol	1600	UG/KG	U	---	B	1600 UG/KG		1
N-Nitrosodiphenylamine	330	UG/KG	U	---	B	330 UG/KG		1
4-Bromophenyl phenyl ether	330	UG/KG	U	---	B	330 UG/KG		1
Hexachlorobenzene	330	UG/KG	U	---	B	330 UG/KG		1
Pentachlorophenol	1600	UG/KG	U	---	B	1600 UG/KG		1
Phenanthrene	330	UG/KG	U	---	B	330 UG/KG		1

Appendix D: Results of Semivolatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	NOTES	CRDL	UNITS	DILUTION
TR7-ES-560-650-14 RE (CONT)								
Anthracene	330	UG/KG	U	—	B	330	UG/KG	1
Di-N-Butylphthalate	330	UG/KG	U	—	B	330	UG/KG	1
Fluoranthene	330	UG/KG	U	—	B	330	UG/KG	1
Pyrene	330	UG/KG	U	—	B	330	UG/KG	1
Butyl Benzyl Phthalate	330	UG/KG	U	—	B	330	UG/KG	1
3, 3'-Dichlorobenzidine	660	UG/KG	U	—	B	660	UG/KG	1
Benzo(a)Anthracene	330	UG/KG	U	—	B	330	UG/KG	1
Chrysene	330	UG/KG	U	—	B	330	UG/KG	1
bis(2-Ethylhexyl)phthalate	2000	UG/KG	U	—	B	330	UG/KG	1
di-N-Octyl Phthalate	330	UG/KG	U	R		330	UG/KG	1
Benzo(b)Fluoranthene	330	UG/KG	U	R		330	UG/KG	1
Benzo(k)Fluoranthene	330	UG/KG	U	R		330	UG/KG	1
Benzo(a)Pyrene	330	UG/KG	U	R		330	UG/KG	1
Indeno(1,2,3-CD)Pyrene	330	UG/KG	U	R		330	UG/KG	1
Dibenzo(a,h)Anthracene	330	UG/KG	U	R		330	UG/KG	1
Benzo(g,h,i)Perylene	330	UG/KG	U	R		330	UG/KG	1
Nitrobenzene-d5	65	%				%		1
2-Fluorobiphenyl	82	%				%		1
Terphenyl-d14	70	%				%		1
Phenol-d5	64	%				%		1
2-Fluorophenol	54	%				%		1
2, 4, 6-Tribromophenol	73	%				%		1

NOTE A: Results of analyses for these compounds are unuseable; Use the results from the original sample (TR7-ES-560-650-14)

Appendix D: Results of Semivolatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	NOTES	CRDL	UNITS	DILUTION
TR8-ES-780-600-3								
Phenol	330	UG/KG	U	---		330	UG/KG	1
bis(2-Chloroethyl) ether	330	UG/KG	U	---		330	UG/KG	1
2-Chlorophenol	330	UG/KG	U	---		330	UG/KG	1
1, 3-Dichlorobenzene	330	UG/KG	U	---		330	UG/KG	1
1, 4-Dichlorobenzene	330	UG/KG	U	---		330	UG/KG	1
Benzyl Alcohol	330	UG/KG	U	---		330	UG/KG	1
1, 2-Dichlorobenzene	330	UG/KG	U	---		330	UG/KG	1
2-Methylphenol	330	UG/KG	U	---		330	UG/KG	1
bis(2-Chloroisopropyl) ether	330	UG/KG	U	---		330	UG/KG	1
4-Methylphenol	330	UG/KG	U	---		330	UG/KG	1
N-Nitroso-di-nPropylamine	330	UG/KG	U	---		330	UG/KG	1
Hexachloroethane	330	UG/KG	U	---		330	UG/KG	1
Nitrobenzene	330	UG/KG	U	---		330	UG/KG	1
Isophorone	330	UG/KG	U	---		330	UG/KG	1
2-Nitrophenol	330	UG/KG	U	---		330	UG/KG	1
2, 4-Dimethylphenol	330	UG/KG	U	---		330	UG/KG	1
Benzoic Acid	73	UG/KG	J	---		1600	UG/KG	1
bis(2Chloroethoxy)methane	330	UG/KG	U	---		330	UG/KG	1
2, 4-Dichlorophenol	330	UG/KG	U	---		330	UG/KG	1
1, 2, 4-Trichlorobenzene	330	UG/KG	U	---		330	UG/KG	1
Naphthalene	330	UG/KG	U	---		330	UG/KG	1
4-Chloroaniline	330	UG/KG	U	---		330	UG/KG	1
Hexachlorobutadiene	330	UG/KG	U	---		330	UG/KG	1
4-Chloro-3-Methylphenol	330	UG/KG	U	---		330	UG/KG	1
2-Methylnaphthalene	330	UG/KG	U	---		330	UG/KG	1
Hexachlorocyclopentadiene	330	UG/KG	U	---		330	UG/KG	1
2, 4, 6-Trichlorophenol	330	UG/KG	U	---		330	UG/KG	1
2, 4, 5-Trichlorophenol	1600	UG/KG	U	---		1600	UG/KG	1
2-Chloronaphthalene	330	UG/KG	U	---		330	UG/KG	1
2-Nitroaniline	1600	UG/KG	U	---		1600	UG/KG	1
Dimethyl Phthalate	330	UG/KG	U	---		330	UG/KG	1
Acenaphthylene	330	UG/KG	U	---		330	UG/KG	1
2, 6-Dinitrotoluene	330	UG/KG	U	---		330	UG/KG	1
3-Nitroaniline	1600	UG/KG	U	---		1600	UG/KG	1
Acenaphthene	330	UG/KG	U	---		330	UG/KG	1
2, 4-Dinitrophenol	1600	UG/KG	U	---		1600	UG/KG	1
4-Nitrophenol	1600	UG/KG	U	---		1600	UG/KG	1
Dibenzofuran	330	UG/KG	U	---		330	UG/KG	1
2, 4-Dinitrotoluene	330	UG/KG	U	---		330	UG/KG	1
Diethylphthalate	330	UG/KG	U	---		330	UG/KG	1
4-Chlorophenyl phenyl ether	330	UG/KG	U	---		330	UG/KG	1
Fluorene	330	UG/KG	U	---		330	UG/KG	1
4-Nitroaniline	1600	UG/KG	U	---		1600	UG/KG	1
4, 6-Dinitro-2-Methylphenol	1600	UG/KG	U	---		1600	UG/KG	1
N-Nitrosodiphenylamine	330	UG/KG	U	---		330	UG/KG	1
4-Bromophenyl phenyl ether	330	UG/KG	U	---		330	UG/KG	1
Hexachlorobenzene	330	UG/KG	U	---		330	UG/KG	1
Pentachlorophenol	1600	UG/KG	U	---		1600	UG/KG	1
Phenanthrene	330	UG/KG	U	---		330	UG/KG	1

Appendix D: Results of Semivolatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	NOTES	CRDL	UNITS	DILUTION
TR8-ES-780-600-3 (CON'T)								
Anthracene	330	UG/KG	U	--		330	UG/KG	1
Di-N-Butylphthalate	330	UG/KG	U	--		330	UG/KG	1
Fluoranthene	330	UG/KG	U	--		330	UG/KG	1
Pyrene	330	UG/KG	U	--		330	UG/KG	1
Butyl Benzyl Phthalate	330	UG/KG	U	--		330	UG/KG	1
3, 3'-Dichlorobenzidine	660	UG/KG	U	--		660	UG/KG	1
Benzo(a)Anthracene	330	UG/KG	U	--		330	UG/KG	1
Chrysene	330	UG/KG	U	--		330	UG/KG	1
bis(2-Ethylhexyl)phthalate	330	UG/KG	U	--		330	UG/KG	1
di-N-Octyl Phthalate	330	UG/KG	U	--		330	UG/KG	1
Benzo(b)Fluoranthene	330	UG/KG	U	--		330	UG/KG	1
Benzo(k)Fluoranthene	330	UG/KG	U	--		330	UG/KG	1
Benzo(a)Pyrene	330	UG/KG	U	--		330	UG/KG	1
Indeno(1,2,3-CD)Pyrene	330	UG/KG	U	--		330	UG/KG	1
Dibenzo(a,h)Anthracene	330	UG/KG	U	--		330	UG/KG	1
Benzo(g,h,i)Perylene	330	UG/KG	U	--		330	UG/KG	1
Nitrobenzene-d5	58	%					%	1
2-Fluorobiphenyl	57	%					%	1
Terphenyl-d14	57	%					%	1
Phenol-d5	59	%					%	1
2-Fluorophenol	57	%					%	1
2, 4, 6-Tribromophenol	66	%					%	1

Appendix D: Results of Semivolatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	NOTES	CRDL	UNITS	DILUTION
TR8-ES-780-600-3-MS								
Phenol	55	%		NP			%	1
2-Chlorophenol	70	%		NP			%	1
1, 4-Dichlorobenzene	62	%		NP			%	1
N-Nitroso-di-nPropylamine	62	%		NP			%	1
1, 2, 4-Trichlorobenzene	67	%		NP			%	1
4-Chloro-3-Methylphenol	65	%		NP			%	1
Acenaphthene	64	%		NP			%	1
4-Nitrophenol	85	%		NP			%	1
2, 4-Dinitrotoluene	76	%		NP			%	1
Pentachlorophenol	82	%		NP			%	1
Pyrene	65	%		NP			%	1
Nitrobenzene-d5	68	%		NP			%	1
2-Fluorobiphenyl	67	%		NP			%	1
Terphenyl-d14	64	%		NP			%	1
Phenol-d5	67	%		NP			%	1
2-Fluorophenol	69	%		NP			%	1
2, 4, 6-Tribromophenol	76	%		NP			%	1
TR8-ES-780-600-3-MSD								
Phenol	48	%		NP			%	1
2-Chlorophenol	59	%		NP			%	1
1, 4-Dichlorobenzene	53	%		NP			%	1
N-Nitroso-di-nPropylamine	51	%		NP			%	1
1, 2, 4-Trichlorobenzene	59	%		NP			%	1
4-Chloro-3-Methylphenol	57	%		NP			%	1
Acenaphthene	55	%		NP			%	1
4-Nitrophenol	72	%		NP			%	1
2, 4-Dinitrotoluene	66	%		NP			%	1
Pentachlorophenol	74	%		NP			%	1
Pyrene	56	%		NP			%	1
Nitrobenzene-d5	59	%		NP			%	1
2-Fluorobiphenyl	59	%		NP			%	1
Terphenyl-d14	56	%		NP			%	1
Phenol-d5	57	%		NP			%	1
2-Fluorophenol	58	%		NP			%	1
2, 4, 6-Tribromophenol	67	%		NP			%	1

Appendix D: Results of Semivolatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID	NOTES	CRDL	UNITS	DILUTION
TR10-ES-180-790-15								
Phenol	330	UG/KG	U	---		330	UG/KG	1
bis(2-Chloroethyl) ether	330	UG/KG	U	---		330	UG/KG	1
2-Chlorophenol	330	UG/KG	U	---		330	UG/KG	1
1, 3-Dichlorobenze	330	UG/KG	U	---		330	UG/KG	1
1, 4-Dichlorobenze	330	UG/KG	U	---		330	UG/KG	1
Benzyl Alcohol	330	UG/KG	U	---		330	UG/KG	1
1,2-Dichlorobenzene	330	UG/KG	U	---		330	UG/KG	1
2-Methylphenol	330	UG/KG	U	---		330	UG/KG	1
bis(2-Chloroisopropyl) ether	330	UG/KG	U	---		330	UG/KG	1
4-Methylphenol	330	UG/KG	U	---		330	UG/KG	1
N-Nitroso-Di-npropylamine	330	UG/KG	U	---		330	UG/KG	1
Hexachloroethane	330	UG/KG	U	---		330	UG/KG	1
Nitrobenzene	330	UG/KG	U	---		330	UG/KG	1
Isophorone	330	UG/KG	U	---		330	UG/KG	1
2-Nitrophenol	330	UG/KG	U	---		330	UG/KG	1
2, 4-Dimethylphenol	330	UG/KG	U	---		330	UG/KG	1
Benzoic Acid	1600	UG/KG	U	---		1600	UG/KG	1
bis(2Chloroethoxy)methane	330	UG/KG	U	---		330	UG/KG	1
2, 4-Dichlorophenol	330	UG/KG	U	---		330	UG/KG	1
1,2, 4-Trichlorobenzene	330	UG/KG	U	---		330	UG/KG	1
Naphthalene	330	UG/KG	U	---		330	UG/KG	1
4-Chloroaniline	330	UG/KG	U	---		330	UG/KG	1
Hexachlorobutadiene	330	UG/KG	U	---		330	UG/KG	1
4-Chloro-3-Methylphenol	330	UG/KG	U	---		330	UG/KG	1
2-Methylnaphthalene	64	UG/KG	J	---		330	UG/KG	1
Hexachlorocyclopentadiene	330	UG/KG	U	---		330	UG/KG	1
2, 4, 6-Trichlorophenol	330	UG/KG	U	---		330	UG/KG	1
2, 4, 5-Trichlorophenol	1600	UG/KG	U	---		1600	UG/KG	1
2-Chloronaphthalene	330	UG/KG	U	---		330	UG/KG	1
2-Nitroaniline	1600	UG/KG	U	---		1600	UG/KG	1
Dimethyl Phthalate	330	UG/KG	U	---		330	UG/KG	1
Acenaphthylene	330	UG/KG	U	---		330	UG/KG	1
2, 6, Dinitrotoluene	330	UG/KG	U	---		330	UG/KG	1
3-Nitroaniline	1600	UG/KG	U	---		1600	UG/KG	1
Acenaphthene	330	UG/KG	U	---		330	UG/KG	1
2, 4-Dinitrophenol	1600	UG/KG	U	---		1600	UG/KG	1
4-Nitrophenol	1600	UG/KG	U	---		1600	UG/KG	1
Dibenzofuran	330	UG/KG	U	---		330	UG/KG	1
2, 4-Dinitrotoluene	330	UG/KG	U	---		330	UG/KG	1
Diethylphthalate	330	UG/KG	U	---		330	UG/KG	1
4-Chlorophenyl phenyl ether	330	UG/KG	U	---		330	UG/KG	1
Fluorene	330	UG/KG	U	---		330	UG/KG	1
4-Nitroaniline	1600	UG/KG	U	---		1600	UG/KG	1
4, 6-Dinitro-2-Methylphenol	1600	UG/KG	U	---		1600	UG/KG	1
N-Nitrosodiphenylamine	330	UG/KG	U	---		330	UG/KG	1
4-Bromophenyl phenyl ether	330	UG/KG	U	---		330	UG/KG	1
Hexachlorobenzene	330	UG/KG	U	---		330	UG/KG	1
Pentachlorophenol	1600	UG/KG	U	---		1600	UG/KG	1
Phenanthrene	330	UG/KG	U	---		330	UG/KG	1

Appendix D: Results of Semivolatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	NOTES	CRDL	UNITS	DILUTION
TR10-ES-180-790-15 (CON'T)								
Anthracene	330	UG/KG	U	---		330	UG/KG	1
Di-N-Butylphthalate	330	UG/KG	U	---		330	UG/KG	1
Fluoranthene	330	UG/KG	U	---		330	UG/KG	1
Pyrene	330	UG/KG	U	---		330	UG/KG	1
Butyl Benzyl Phthalate	330	UG/KG	U	---		330	UG/KG	1
3, 3'-Dichlorobenzidine	660	UG/KG	U	---		660	UG/KG	1
Benzo(a)Anthracene	330	UG/KG	U	---		330	UG/KG	1
Chrysene	330	UG/KG	U	---		330	UG/KG	1
bis(2-Ethylhexyl)phthalate	330	UG/KG	U	---		330	UG/KG	1
di-N-Octyl Phthalate	330	UG/KG	U	---		330	UG/KG	1
Benzo(b)Fluoranthene	330	UG/KG	U	---		330	UG/KG	1
Benzo(k)Fluoranthene	330	UG/KG	U	---		330	UG/KG	1
Benzo(a)Pyrene	330	UG/KG	U	---		330	UG/KG	1
Indeno(1, 2, 3-CD)Pyrene	330	UG/KG	U	---		330	UG/KG	1
Dibenzo(a,h)Anthracene	330	UG/KG	U	---		330	UG/KG	1
Benzo(g,h,i)Perylene	330	UG/KG	U	---		330	UG/KG	1
Nitrobenzene-d5	74	%				%		1
2-Fluorobiphenyl	66	%				%		1
Terphenyl-d14	74	%				%		1
Phenol-d5	83	%				%		1
2-Fluorophenol	67	%				%		1
2, 4, 6-Tribromophenol	63	%				%		1

Appendix D: Results of Semivolatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	NOTES	CRDL	UNITS	DILUTION
TR10-ES-190-790-8								
Phenol	330	UG/KG	U	---		330	UG/KG	1
bis(2-Chloroethyl) ether	330	UG/KG	U	---		330	UG/KG	1
2-Chlorophenol	330	UG/KG	U	---		330	UG/KG	1
1, 3-Dichlorobenzene	330	UG/KG	U	---		330	UG/KG	1
1, 4-Dichlorobenzene	330	UG/KG	U	---		330	UG/KG	1
Benzyl Alcohol	330	UG/KG	U	---		330	UG/KG	1
1, 2-Dichlorobenzene	330	UG/KG	U	---		330	UG/KG	1
2-Methylphenol	330	UG/KG	U	---		330	UG/KG	1
bis(2-Chloroisopropyl) ether	330	UG/KG	U	---		330	UG/KG	1
4-Methylphenol	330	UG/KG	U	---		330	UG/KG	1
N-Nitroso-di-nPropylamine	330	UG/KG	U	---		330	UG/KG	1
Hexachloroethane	330	UG/KG	U	---		330	UG/KG	1
Nitrobenzene	330	UG/KG	U	---		330	UG/KG	1
Isophorone	330	UG/KG	U	---		330	UG/KG	1
2-Nitrophenol	330	UG/KG	U	---		330	UG/KG	1
2, 4-Dimethylphenol	330	UG/KG	U	---		330	UG/KG	1
Benzoic Acid	1600	UG/KG	U	---		1600	UG/KG	1
bis(2Chloroethoxy)methane	330	UG/KG	U	---		330	UG/KG	1
2, 4-Dichlorophenol	330	UG/KG	U	---		330	UG/KG	1
1, 2, 4-Trichlorobenzene	330	UG/KG	U	---		330	UG/KG	1
Naphthalene	330	UG/KG	U	---		330	UG/KG	1
4-Chloroaniline	330	UG/KG	U	---		330	UG/KG	1
Hexachlorobutadiene	330	UG/KG	U	---		330	UG/KG	1
4-Chloro-3-Methylphenol	330	UG/KG	U	---		330	UG/KG	1
2-Methylnaphthalene	330	UG/KG	U	---		330	UG/KG	1
Hexachlorocyclopentadiene	330	UG/KG	U	R		330	UG/KG	1
2, 4, 6-Trichlorophenol	330	UG/KG	U	R		330	UG/KG	1
2, 4, 5-Trichlorophenol	1600	UG/KG	U	R		1600	UG/KG	1
2-Chloronaphthalene	330	UG/KG	U	R		330	UG/KG	1
2-Nitroaniline	1600	UG/KG	U	R		1600	UG/KG	1
Dimethyl Phthalate	330	UG/KG	U	R		330	UG/KG	1
Acenaphthylene	330	UG/KG	U	R		330	UG/KG	1
2, 6-Dinitrotoluene	330	UG/KG	U	R		330	UG/KG	1
3-Nitroaniline	1600	UG/KG	U	R		1600	UG/KG	1
Acenaphthene	330	UG/KG	U	R		330	UG/KG	1
2, 4-Dinitrophenol	1600	UG/KG	U	R		1600	UG/KG	1
4-Nitrophenol	1600	UG/KG	U	R		1600	UG/KG	1
Dibenzofuran	330	UG/KG	U	R		330	UG/KG	1
2, 4-Dinitrotoluene	330	UG/KG	U	R		330	UG/KG	1
Diethylphthalate	330	UG/KG	U	R		330	UG/KG	1
4-Chlorophenyl phenyl ether	330	UG/KG	U	R		330	UG/KG	1
Fluorene	330	UG/KG	U	R		330	UG/KG	1
4-Nitroaniline	1600	UG/KG	U	R		1600	UG/KG	1
4, 6-Dinitro-2-Methylphenol	1600	UG/KG	U	---		1600	UG/KG	1
N-Nitrosodiphenylamine	330	UG/KG	U	---		330	UG/KG	1
4-Bromophenyl phenyl ether	330	UG/KG	U	---		330	UG/KG	1
Hexachlorobenzene	330	UG/KG	U	---		330	UG/KG	1
Pentachlorophenol	1600	UG/KG	U	---		1600	UG/KG	1
Phenanthrene	330	UG/KG	U	---		330	UG/KG	1

Appendix D: Results of Semivolatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	NOTES	CRDL	UNITS	DILUTION
TR10-ES-190-790-8 (CON'T)								
Anthracene	330	UG/KG	U	—		330	UG/KG	1
Di-N-Butylphthalate	330	UG/KG	U	—		330	UG/KG	1
Fluoranthene	330	UG/KG	U	—		330	UG/KG	1
Pyrene	330	UG/KG	U	—		330	UG/KG	1
Butyl Benzyl Phthalate	330	UG/KG	U	—		330	UG/KG	1
3, 3'-Dichlorobenzidine	660	UG/KG	U	—		660	UG/KG	1
Benzo(a)Anthracene	330	UG/KG	U	—		330	UG/KG	1
Chrysene	330	UG/KG	U	—		330	UG/KG	1
bis(2-Ethylhexyl)phthalate	330	UG/KG	U	—		330	UG/KG	1
di-N-Octyl Phthalate	330	UG/KG	U	—		330	UG/KG	1
Benzo(b)Fluoranthene	330	UG/KG	U	—		330	UG/KG	1
Benzo(k)Fluoranthene	330	UG/KG	U	—		330	UG/KG	1
Benzo(a)Pyrene	330	UG/KG	U	—		330	UG/KG	1
Indeno(1,2,3-CD)Pyrene	330	UG/KG	U	—		330	UG/KG	1
Dibenzo(a,h)Anthracene	330	UG/KG	U	—		330	UG/KG	1
Benzo(g,h,i)Perylene	330	UG/KG	U	—		330	UG/KG	1
Nitrobenzene-d5	76	%				%		1
2-Fluorobiphenyl	75	%				%		1
Terphenyl-d14	63	%				%		1
Phenol-d5	73	%				%		1
2-Fluorophenol	63	%				%		1
2, 4, 6-Tribromophenol	78	%				%		1

Appendix D: Results of Semivolatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	NOTES	CRDL	UNITS	DILUTION
TR11-ES-180-930-2								
Phenol	330	UG/KG	U	NP		330	UG/KG	1
bis(2-Chloroethyl) ether	330	UG/KG	U	NP		330	UG/KG	1
2-Chlorophenol	330	UG/KG	U	NP		330	UG/KG	1
1, 3-Dichlorobenzene	330	UG/KG	U	NP		330	UG/KG	1
1, 4-Dichlorobenzene	330	UG/KG	U	NP		330	UG/KG	1
Benzyl Alcohol	330	UG/KG	U	NP		330	UG/KG	1
1, 2-Dichlorobenzene	330	UG/KG	U	NP		330	UG/KG	1
2-Methylphenol	330	UG/KG	U	NP		330	UG/KG	1
bis(2-Chloroisopropyl) ether	330	UG/KG	U	NP		330	UG/KG	1
4-Methylphenol	330	UG/KG	U	NP		330	UG/KG	1
N-Nitroso-di-nPropylamine	330	UG/KG	U	NP		330	UG/KG	1
Hexachloroethane	330	UG/KG	U	NP		330	UG/KG	1
Nitrobenzene	330	UG/KG	U	NP		330	UG/KG	1
Isophorone	330	UG/KG	U	NP		330	UG/KG	1
2-Nitrophenol	330	UG/KG	U	NP		330	UG/KG	1
2, 4-Dimethylphenol	330	UG/KG	U	NP		330	UG/KG	1
Benzoic Acid	1600	UG/KG	U	NP		1600	UG/KG	1
bis(2Chloroethoxy)methane	330	UG/KG	U	NP		330	UG/KG	1
2, 4-Dichlorophenol	330	UG/KG	U	NP		330	UG/KG	1
1, 2, 4-Trichlorobenzene	330	UG/KG	U	NP		330	UG/KG	1
Naphthalene	330	UG/KG	U	NP		330	UG/KG	1
4-Chloroaniline	330	UG/KG	U	NP		330	UG/KG	1
Hexachlorobutadiene	330	UG/KG	U	NP		330	UG/KG	1
4-Chloro-3-Methylphenol	330	UG/KG	U	NP		330	UG/KG	1
2-Methylnaphthalene	330	UG/KG	U	NP		330	UG/KG	1
Hexachlorocyclopentadiene	330	UG/KG	U	NP		330	UG/KG	1
2, 4, 6-Trichlorophenol	330	UG/KG	U	NP		330	UG/KG	1
2, 4, 5-Trichlorophenol	1600	UG/KG	U	NP		1600	UG/KG	1
2-Chloronaphthalene	330	UG/KG	U	NP		330	UG/KG	1
2-Nitroaniline	1600	UG/KG	U	NP		1600	UG/KG	1
Dimethyl Phthalate	330	UG/KG	U	NP		330	UG/KG	1
Acenaphthylene	330	UG/KG	U	NP		330	UG/KG	1
2, 6-Dinitrotoluene	330	UG/KG	U	NP		330	UG/KG	1
3-Nitroaniline	1600	UG/KG	U	NP		1600	UG/KG	1
Acenaphthene	330	UG/KG	U	NP		330	UG/KG	1
2, 4-Dinitrophenol	1600	UG/KG	U	NP		1600	UG/KG	1
4-Nitrophenol	1600	UG/KG	U	NP		1600	UG/KG	1
Dibenzofuran	330	UG/KG	U	NP		330	UG/KG	1
2, 4-Dinitrotoluene	330	UG/KG	U	NP		330	UG/KG	1
Diethylphthalate	330	UG/KG	U	NP		330	UG/KG	1
4-Chlorophenyl phenyl ether	330	UG/KG	U	NP		330	UG/KG	1
Fluorene	330	UG/KG	U	NP		330	UG/KG	1
4-Nitroaniline	1600	UG/KG	U	NP		1600	UG/KG	1
4, 6-Dinitro-2-Methylphenol	1600	UG/KG	U	NP		1600	UG/KG	1
N-Nitrosodiphenylamine	330	UG/KG	U	NP		330	UG/KG	1
4-Bromophenyl phenyl ether	330	UG/KG	U	NP		330	UG/KG	1
Hexachlorobenzene	330	UG/KG	U	NP		330	UG/KG	1
Pentachlorophenol	1600	UG/KG	U	NP		1600	UG/KG	1
Phenanthrene	330	UG/KG	U	NP		330	UG/KG	1

Appendix D: Results of Semivolatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	NOTES	CRDL	UNITS	DILUTION
TR11-ES-180-930-2 (CON'T)								
Anthracene	330	UG/KG	U	NP		330	UG/KG	1
Di-N-Butylphthalate	330	UG/KG	U	NP		330	UG/KG	1
Fluoranthene	330	UG/KG	U	NP		330	UG/KG	1
Pyrene	330	UG/KG	U	NP		330	UG/KG	1
Butyl Benzyl Phthalate	330	UG/KG	U	NP		330	UG/KG	1
3, 3'-Dichlorobenzidine	660	UG/KG	U	NP		660	UG/KG	1
Benzo(a)Anthracene	330	UG/KG	U	NP		330	UG/KG	1
Chrysene	330	UG/KG	U	NP		330	UG/KG	1
bis(2-Ethylhexyl)phthalate	330	UG/KG	U	NP		330	UG/KG	1
di-N-Octyl Phthalate	330	UG/KG	U	NP		330	UG/KG	1
Benzo(b)Fluoranthene	330	UG/KG	U	NP		330	UG/KG	1
Benzo(k)Fluoranthene	330	UG/KG	U	NP		330	UG/KG	1
Benzo(a)Pyrene	330	UG/KG	U	NP		330	UG/KG	1
Indeno(1,2,3-CD)Pyrene	330	UG/KG	U	NP		330	UG/KG	1
Dibenzo(a,h)Anthracene	330	UG/KG	U	NP		330	UG/KG	1
Benzo(g,h,i)Perylene	330	UG/KG	U	NP		330	UG/KG	1
Unknown-1	150	UG/KG	J	NP			UG/KG	1
Unknown-2	84	UG/KG	J	NP			UG/KG	1
Unknown-3	81	UG/KG	J	NP			UG/KG	1
Unknown-4	83	UG/KG	BJ	NP			UG/KG	1
Unknown-5	99	UG/KG	J	NP			UG/KG	1
Unknown-6	77	UG/KG	J	NP			UG/KG	1
Unknown-7	280	UG/KG	J	NP			UG/KG	1
Unknown-8	130	UG/KG	J	NP			UG/KG	1
Nitrobenzene-d5	81	%					%	1
2-Fluorobiphenyl	78	%					%	1
Terphenyl-d14	70	%					%	1
Phenol-d5	82	%					%	1
2-Fluorophenol	77	%					%	1
2, 4, 6-Tribromophenol	80	%					%	1

Appendix D: Results of Semivolatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID	NOTES	CRDL	UNITS	DILUTION
TR13-ES-210-1110-6								
Phenol	16000	UG/KG	U	NP		16000	UG/KG	50
bis(2-Chloroethyl) ether	16000	UG/KG	U	NP		16000	UG/KG	50
2-Chlorophenol	16000	UG/KG	U	NP		16000	UG/KG	50
1, 3-Dichlorobenzene	16000	UG/KG	U	NP		16000	UG/KG	50
1, 4-Dichlorobenzene	16000	UG/KG	U	NP		16000	UG/KG	50
Benzyl Alcohol	16000	UG/KG	U	NP		16000	UG/KG	50
1, 2-Dichlorobenzene	16000	UG/KG	U	NP		16000	UG/KG	50
2-Methylphenol	16000	UG/KG	U	NP		16000	UG/KG	50
bis(2-Chloroisopropyl) ether	16000	UG/KG	U	NP		16000	UG/KG	50
4-Methylphenol	16000	UG/KG	U	NP		16000	UG/KG	50
N-Nitroso-di-nPropylamine	16000	UG/KG	U	NP		16000	UG/KG	50
Hexachloroethane	16000	UG/KG	U	NP		16000	UG/KG	50
Nitrobenzene	16000	UG/KG	U	NP		16000	UG/KG	50
Isophorone	16000	UG/KG	U	NP		16000	UG/KG	50
2-Nitrophenol	16000	UG/KG	U	NP		16000	UG/KG	50
2, 4-Dimethylphenol	16000	UG/KG	U	NP		16000	UG/KG	50
Benzoic Acid	80000	UG/KG	U	NP		80000	UG/KG	50
bis(2Chloroethoxy)methane	16000	UG/KG	U	NP		16000	UG/KG	50
2, 4-Dichlorophenol	16000	UG/KG	U	NP		16000	UG/KG	50
1, 2, 4-Trichlorobenzene	16000	UG/KG	U	NP		16000	UG/KG	50
Naphthalene	5400	UG/KG	DJ	NP		16000	UG/KG	50
4-Chloroaniline	16000	UG/KG	U	NP		16000	UG/KG	50
Hexachlorobutadiene	16000	UG/KG	U	NP		16000	UG/KG	50
4-Chloro-3-Methylphenol	16000	UG/KG	U	NP		16000	UG/KG	50
2-Methylnaphthalene	79000	UG/KG	D	NP		16000	UG/KG	50
Hexachlorocyclopentadiene	16000	UG/KG	U	NP		16000	UG/KG	50
2, 4, 6-Trichlorophenol	16000	UG/KG	U	NP		16000	UG/KG	50
2, 4, 5-Trichlorophenol	80000	UG/KG	U	NP		80000	UG/KG	50
2-Chloronaphthalene	16000	UG/KG	U	NP		16000	UG/KG	50
2-Nitroaniline	80000	UG/KG	U	NP		80000	UG/KG	50
Dimethyl Phthalate	16000	UG/KG	U	NP		16000	UG/KG	50
Acenaphthylene	16000	UG/KG	U	NP		16000	UG/KG	50
2, 6-Dinitrotoluene	16000	UG/KG	U	NP		16000	UG/KG	50
3-Nitroaniline	80000	UG/KG	U	NP		80000	UG/KG	50
Acenaphthene	16000	UG/KG	U	NP		16000	UG/KG	50
2, 4-Dinitrophenol	80000	UG/KG	U	NP		80000	UG/KG	50
4-Nitrophenol	80000	UG/KG	U	NP		80000	UG/KG	50
Dibenzofuran	16000	UG/KG	U	NP		16000	UG/KG	50
2, 4-Dinitrotoluene	16000	UG/KG	U	NP		16000	UG/KG	50
Diethylphthalate	16000	UG/KG	U	NP		16000	UG/KG	50
4-Chlorophenyl phenyl ether	16000	UG/KG	U	NP		16000	UG/KG	50
Fluorene	16000	UG/KG	U	NP		16000	UG/KG	50
4-Nitroaniline	80000	UG/KG	U	NP		80000	UG/KG	50
4, 6-Dinitro-2-Methylphenol	80000	UG/KG	U	NP		80000	UG/KG	50
N-Nitrosodiphenylamine	16000	UG/KG	U	NP		16000	UG/KG	50
4-Bromophenyl phenyl ether	16000	UG/KG	U	NP		16000	UG/KG	50
Hexachlorobenzene	16000	UG/KG	U	NP		16000	UG/KG	50
Pentachlorophenol	80000	UG/KG	U	NP		80000	UG/KG	50
Phenanthrene	16000	UG/KG	U	NP		16000	UG/KG	50

Appendix D: Results of Semivolatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	NOTES	CRDL	UNITS	DILUTION
TR13-ES-210-1110-6 (CON'T)								
Anthracene	16000	UG/KG	U	NP		16000	UG/KG	50
Di-N-Butylphthalate	16000	UG/KG	U	NP		16000	UG/KG	50
Fluoranthene	16000	UG/KG	U	NP		16000	UG/KG	50
Pyrene	16000	UG/KG	U	NP		16000	UG/KG	50
Butyl Benzyl Phthalate	16000	UG/KG	U	NP		16000	UG/KG	50
3, 3'-Dichlorobenzidine	33000	UG/KG	U	NP		33000	UG/KG	50
Benzo(a)Anthracene	16000	UG/KG	U	NP		16000	UG/KG	50
Chrysene	16000	UG/KG	U	NP		16000	UG/KG	50
bis(2-Ethylhexyl)phthalate	16000	UG/KG	U	NP		16000	UG/KG	50
di-N-Octyl Phthalate	16000	UG/KG	U	NP		16000	UG/KG	50
Benzo(b)Fluoranthene	16000	UG/KG	U	NP		16000	UG/KG	50
Benzo(k)Fluoranthene	16000	UG/KG	U	NP		16000	UG/KG	50
Benzo(a)Pyrene	16000	UG/KG	U	NP		16000	UG/KG	50
Indeno(1,2,3-CD)Pyrene	16000	UG/KG	U	NP		16000	UG/KG	50
Dibenzo(a,h)Anthracene	16000	UG/KG	U	NP		16000	UG/KG	50
Benzo(g,h,i)Perylene	16000	UG/KG	U	NP		16000	UG/KG	50
Dodecane	26000	UG/KG	J	NP			UG/KG	50
Naphthalene, 1,2,3,4-tetrahy	16000	UG/KG	J	NP		1	UG/KG	50
Unknown C11H14	24000	UG/KG	J	NP			UG/KG	50
Unknown-1	45000	UG/KG	J	NP			UG/KG	50
Unknown-2	26000	UG/KG	J	NP			UG/KG	50
Unknown C11H10	57000	UG/KG	J	NP			UG/KG	50
Unknown-3	32000	UG/KG	J	NP			UG/KG	50
Unknown-4	15000	UG/KG	J	NP			UG/KG	50
Unknown-5	18000	UG/KG	J	NP			UG/KG	50
Unknown-6	15000	UG/KG	J	NP			UG/KG	50
Unknown-7	51000	UG/KG	J	NP			UG/KG	50
Unknown C12H12-1	44000	UG/KG	J	NP			UG/KG	50
Unknown C12H12-2	47000	UG/KG	J	NP			UG/KG	50
Unknown C12H12-3	27000	UG/KG	J	NP			UG/KG	50
Unknown C12H12-4	33000	UG/KG	J	NP			UG/KG	50
Unknown-8	16000	UG/KG	J	NP			UG/KG	50
Pentadecane	33000	UG/KG	J	NP			UG/KG	50
Unknown C13H14	17000	UG/KG	J	NP			UG/KG	50
Hexadecane	16000	UG/KG	J	NP			UG/KG	50
Heptadecane	17000	UG/KG	J	NP			UG/KG	50
Unknown-9	27000	UG/KG	J	NP			UG/KG	50
Unknown-10	65000	UG/KG	J	NP			UG/KG	50
Nitrobenzene-d5	71	%					%	50
2-Fluorobiphenyl	78	%					%	50
Terphenyl-d14	72	%					%	50
Phenol-d5	69	%					%	50
2-Fluorophenol	64	%					%	50
2, 4, 6-Tribromophenol	62	%					%	50

Appendix D: Results of Semivolatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	NOTES	CRDL	UNITS	DILUTION
TR13-ES-212-1150-6								
Phenol	33000	UG/KG	U	NP		33000	UG/KG	100
bis(2-Chloroethyl) ether	33000	UG/KG	U	NP		33000	UG/KG	100
2-Chlorophenol	33000	UG/KG	U	NP		33000	UG/KG	100
1, 3-Dichlorobenzene	33000	UG/KG	U	NP		33000	UG/KG	100
1, 4-Dichlorobenzene	33000	UG/KG	U	NP		33000	UG/KG	100
Benzyl Alcohol	33000	UG/KG	U	NP		33000	UG/KG	100
1, 2-Dichlorobenzene	33000	UG/KG	U	NP		33000	UG/KG	100
2-Methylphenol	33000	UG/KG	U	NP		33000	UG/KG	100
bis(2-Chloroisopropyl) ether	33000	UG/KG	U	NP		33000	UG/KG	100
4-Methylphenol	33000	UG/KG	U	NP		33000	UG/KG	100
N-Nitroso-di-n-Propylamine	33000	UG/KG	U	NP		33000	UG/KG	100
Hexachloroethane	33000	UG/KG	U	NP		33000	UG/KG	100
Nitrobenzene	33000	UG/KG	U	NP		33000	UG/KG	100
Isophorone	33000	UG/KG	U	NP		33000	UG/KG	100
2-Nitrophenol	33000	UG/KG	U	NP		33000	UG/KG	100
2, 4-Dimethylphenol	33000	UG/KG	U	NP		33000	UG/KG	100
Benzoic Acid	160000	UG/KG	U	NP		160000	UG/KG	100
bis(2Chloroethoxy)methane	33000	UG/KG	U	NP		33000	UG/KG	100
2, 4-Dichlorophenol	33000	UG/KG	U	NP		33000	UG/KG	100
1, 2, 4-Trichlorobenzene	33000	UG/KG	U	NP		33000	UG/KG	100
Naphthalene	15000	UG/KG	DJ	NP		33000	UG/KG	100
4-Chloroaniline	33000	UG/KG	U	NP		33000	UG/KG	100
Hexachlorobutadiene	33000	UG/KG	U	NP		33000	UG/KG	100
4-Chloro-3-Methylphenol	33000	UG/KG	U	NP		33000	UG/KG	100
2-Methylnaphthalene	210000	UG/KG	D	NP		33000	UG/KG	100
Hexachlorocyclopentadiene	33000	UG/KG	U	NP		33000	UG/KG	100
2, 4, 6-Trichlorophenol	33000	UG/KG	U	NP		33000	UG/KG	100
2, 4, 5-Trichlorophenol	160000	UG/KG	U	NP		33000	UG/KG	100
2-Chloronaphthalene	33000	UG/KG	U	NP		33000	UG/KG	100
2-Nitroaniline	160000	UG/KG	U	NP		160000	UG/KG	100
Dimethyl Phthalate	33000	UG/KG	U	NP		33000	UG/KG	100
Acenaphthylene	33000	UG/KG	U	NP		33000	UG/KG	100
2, 6-Dinitrotoluene	33000	UG/KG	U	NP		33000	UG/KG	100
3-Nitroaniline	160000	UG/KG	U	NP		160000	UG/KG	100
Acenaphthene	33000	UG/KG	U	NP		33000	UG/KG	100
2, 4-Dinitrophenol	160000	UG/KG	U	NP		160000	UG/KG	100
4-Nitrophenol	160000	UG/KG	U	NP		160000	UG/KG	100
Dibenzofuran	33000	UG/KG	U	NP		33000	UG/KG	100
2, 4-Dinitrotoluene	33000	UG/KG	U	NP		33000	UG/KG	100
Diethylphthalate	33000	UG/KG	U	NP		33000	UG/KG	100
4-Chlorophenyl phenyl ether	33000	UG/KG	U	NP		33000	UG/KG	100
Fluorene	9500	UG/KG	DJ	NP		33000	UG/KG	100
4-Nitroaniline	160000	UG/KG	U	NP		160000	UG/KG	100
4, 6-Dinitro-2-Methylphenol	160000	UG/KG	U	NP		160000	UG/KG	100
N-Nitrosodiphenylamine	33000	UG/KG	U	NP		33000	UG/KG	100
4-Bromophenyl phenyl ether	33000	UG/KG	U	NP		33000	UG/KG	100
Hexachlorobenzene	33000	UG/KG	U	NP		33000	UG/KG	100
Pentachlorophenol	160000	UG/KG	U	NP		160000	UG/KG	100
Phenanthrene	5100	UG/KG	DJ	NP		33000	UG/KG	100

Appendix D: Results of Semivolatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	NOTES	CRDL	UNITS	DILUTION
TR13-ES-212-1150-6 (CON'T)								
Anthracene	33000	UG/KG	U	NP		33000	UG/KG	100
Di-N-Butylphthalate	33000	UG/KG	U	NP		33000	UG/KG	100
Fluoranthene	33000	UG/KG	U	NP		33000	UG/KG	100
Pyrene	33000	UG/KG	U	NP		33000	UG/KG	100
Butyl Benzyl Phthalate	33000	UG/KG	U	NP		33000	UG/KG	100
3, 3'-Dichlorobenzidine	66000	UG/KG	U	NP		66000	UG/KG	100
Benzo(a)Anthracene	33000	UG/KG	U	NP		33000	UG/KG	100
Chrysene	33000	UG/KG	U	NP		33000	UG/KG	100
bis(2-Ethylhexyl)phthalate	33000	UG/KG	U	NP		33000	UG/KG	100
di-N-Octyl Phthalate	33000	UG/KG	U	NP		33000	UG/KG	100
Benzo(b)Fluoranthene	33000	UG/KG	U	NP		33000	UG/KG	100
Benzo(k)Fluoranthene	33000	UG/KG	U	NP		33000	UG/KG	100
Benzo(a)Pyrene	33000	UG/KG	U	NP		33000	UG/KG	100
Indeno(1,2,3-CD)Pyrene	33000	UG/KG	U	NP		33000	UG/KG	100
Dibenzo(a,h)Anthracene	33000	UG/KG	U	NP		33000	UG/KG	100
Benzo(g,h,i)Perylene	33000	UG/KG	U	NP		33000	UG/KG	100
Dodecane	62000	UG/KG	J	NP			UG/KG	100
Unknown-1	53000	UG/KG	J	NP			UG/KG	100
Unknown C11H14-1	86000	UG/KG	J	NP			UG/KG	100
Unknown C11H14-2	46000	UG/KG	J	NP			UG/KG	100
Unknown C11H10	120000	UG/KG	J	NP			UG/KG	100
Unknown C12H16	66000	UG/KG	J	NP			UG/KG	100
Unknown-2	28000	UG/KG	J	NP			UG/KG	100
Unknown-3	27000	UG/KG	J	NP			UG/KG	100
Unknown-4	32000	UG/KG	J	NP			UG/KG	100
Unknown-5	31000	UG/KG	J	NP			UG/KG	100
Unknown-6	23000	UG/KG	J	NP			UG/KG	100
Unknown-7	120000	UG/KG	J	NP			UG/KG	100
Unknown C12H12-1	110000	UG/KG	J	NP			UG/KG	100
Unknown C12H12-2	100000	UG/KG	J	NP			UG/KG	100
Unknown C12H12-3	59000	UG/KG	J	NP			UG/KG	100
Unknown C12H12-4	75000	UG/KG	J	NP			UG/KG	100
Unknown-8	33000	UG/KG	J	NP			UG/KG	100
Unknown-9	21000	UG/KG	J	NP			UG/KG	100
Pentadecane	84000	UG/KG	J	NP			UG/KG	100
Unknown C13H14-1	37000	UG/KG	J	NP			UG/KG	100
Unknown C13H14-2	27000	UG/KG	J	NP			UG/KG	100
Heptadecane	41000	UG/KG	J	NP			UG/KG	100
Nitrobenzene-d5	0	%	D				%	100
2-Fluorobiphenyl	0	%	D				%	100
Terphenyl-d14	0	%	D				%	100
Phenol-d5	0	%	D				%	100
2-Fluorophenol	0	%	D				%	100
2, 4, 6-Tribromophenol	0	%	D				%	100

Appendix D: Results of Semivolatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	NOTES	CRDL	UNITS	DILUTION
TR14-ES-80-1189-5								
Phenol	330	UG/KG	U	NP		330 UG/KG		1
bis(2-Chloroethyl) ether	330	UG/KG	U	NP		330 UG/KG		1
2-Chlorophenol	330	UG/KG	U	NP		330 UG/KG		1
1, 3-Dichlorobenzene	330	UG/KG	U	NP		330 UG/KG		1
1, 4-Dichlorobenzene	330	UG/KG	U	NP		330 UG/KG		1
Benzyl Alcohol	330	UG/KG	U	NP		330 UG/KG		1
1, 2-Dichlorobenzene	330	UG/KG	U	NP		330 UG/KG		1
2-Methylphenol	330	UG/KG	U	NP		330 UG/KG		1
bis(2-Chloroisopropyl) ether	330	UG/KG	U	NP		330 UG/KG		1
4-Methylphenol	330	UG/KG	U	NP		330 UG/KG		1
N-Nitroso-di-nPropylamine	330	UG/KG	U	NP		330 UG/KG		1
Hexachloroethane	330	UG/KG	U	NP		330 UG/KG		1
Nitrobenzene	330	UG/KG	U	NP		330 UG/KG		1
Isophorone	330	UG/KG	U	NP		330 UG/KG		1
2-Nitrophenol	330	UG/KG	U	NP		330 UG/KG		1
2, 4-Dimethylphenol	330	UG/KG	U	NP		330 UG/KG		1
Benzoic Acid	1600	UG/KG	U	NP		1600 UG/KG		1
bis(2Chloroethoxy)methane	330	UG/KG	U	NP		330 UG/KG		1
2, 4-Dichlorophenol	330	UG/KG	U	NP		330 UG/KG		1
1, 2, 4-Trichlorobenzene	330	UG/KG	U	NP		330 UG/KG		1
Naphthalene	330	UG/KG	U	NP		330 UG/KG		1
4-Chloroaniline	330	UG/KG	U	NP		330 UG/KG		1
Hexachlorobutadiene	330	UG/KG	U	NP		330 UG/KG		1
4-Chloro-3-Methylphenol	330	UG/KG	U	NP		330 UG/KG		1
2-Methylnaphthalene	190	UG/KG	J	NP		330 UG/KG		1
Hexachlorocyclopentadiene	330	UG/KG	U	NP		330 UG/KG		1
2, 4, 6-Trichlorophenol	330	UG/KG	U	NP		330 UG/KG		1
2, 4, 5-Trichlorophenol	1600	UG/KG	U	NP		1600 UG/KG		1
2-Chloronaphthalene	330	UG/KG	U	NP		330 UG/KG		1
2-Nitroaniline	1600	UG/KG	U	NP		1600 UG/KG		1
Dimethyl Phthalate	330	UG/KG	U	NP		330 UG/KG		1
Acenaphthylene	330	UG/KG	U	NP		330 UG/KG		1
2, 6-Dinitrotoluene	330	UG/KG	U	NP		330 UG/KG		1
3-Nitroaniline	1600	UG/KG	U	NP		1600 UG/KG		1
Acenaphthene	330	UG/KG	U	NP		330 UG/KG		1
2, 4-Dinitrophenol	1600	UG/KG	U	NP		1600 UG/KG		1
4-Nitrophenol	1600	UG/KG	U	NP		1600 UG/KG		1
Dibenzofuran	330	UG/KG	U	NP		330 UG/KG		1
2, 4-Dinitrotoluene	330	UG/KG	U	NP		330 UG/KG		1
Diethylphthalate	330	UG/KG	U	NP		330 UG/KG		1
4-Chlorophenyl phenyl ether	330	UG/KG	U	NP		330 UG/KG		1
Fluorene	330	UG/KG	U	NP		330 UG/KG		1
4-Nitroaniline	1600	UG/KG	U	NP		1600 UG/KG		1
4, 6-Dinitro-2-Methylphenol	1600	UG/KG	U	NP		1600 UG/KG		1
N-Nitrosodiphenylamine	330	UG/KG	U	NP		330 UG/KG		1
4-Bromophenyl phenyl ether	330	UG/KG	U	NP		330 UG/KG		1
Hexachlorobenzene	330	UG/KG	U	NP		330 UG/KG		1
Pentachlorophenol	1600	UG/KG	U	NP		1600 UG/KG		1
Phenanthrene	330	UG/KG	U	NP		330 UG/KG		1

Appendix D: Results of Semivolatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID	NOTES	CRDL	UNITS	DILUTION
TR14-ES-80-1189-5 (CONT)								
Anthracene	330	UG/KG	U	NP		330 UG/KG		1
Di-N-Butylphthalate	330	UG/KG	U	NP		330 UG/KG		1
Fluoranthene	330	UG/KG	U	NP		330 UG/KG		1
Pyrene	330	UG/KG	U	NP		330 UG/KG		1
Butyl Benzyl Phthalate	330	UG/KG	U	NP		330 UG/KG		1
3, 3'-Dichlorobenzidine	660	UG/KG	U	NP		660 UG/KG		1
Benzo(a)Anthracene	330	UG/KG	U	NP		330 UG/KG		1
Chrysene	330	UG/KG	U	NP		330 UG/KG		1
bis(2-Ethylhexyl)phthalate	330	UG/KG	U	NP		330 UG/KG		1
di-N-Octyl Phthalate	330	UG/KG	U	NP		330 UG/KG		1
Benzo(b)Fluoranthene	330	UG/KG	U	NP		330 UG/KG		1
Benzo(k)Fluoranthene	330	UG/KG	U	NP		330 UG/KG		1
Benzo(a)Pyrene	330	UG/KG	U	NP		330 UG/KG		1
Indeno(1,2,3-CD)Pyrene	330	UG/KG	U	NP		330 UG/KG		1
Dibenzo(a,h)Anthracene	330	UG/KG	U	NP		330 UG/KG		1
Benzo(g,h,i)Perylene	330	UG/KG	U	NP		330 UG/KG		1
Unknown-1	140	UG/KG	J	NP		UG/KG		1
Unknown-2	82	UG/KG	J	NP		UG/KG		1
Unknown C11H10	120	UG/KG	J	NP		UG/KG		1
Unknown-3	170	UG/KG	J	NP		UG/KG		1
Unknown C12H12-1	83	UG/KG	J	NP		UG/KG		1
Unknown C12H12-2	84	UG/KG	J	NP		UG/KG		1
Unknown C15H32	100	UG/KG	J	NP		UG/KG		1
Unknown-4	89	UG/KG	J	NP		UG/KG		1
Unknown-5	93	UG/KG	J	NP		UG/KG		1
Unknown-6	68	UG/KG	J	NP		UG/KG		1
Unknown-7	74	UG/KG	J	NP		UG/KG		1
Nitrobenzene-d5	71	%				%		1
2-Fluorobiphenyl	67	%				%		1
Terphenyl-d14	60	%				%		1
Phenol-d5	68	%				%		1
2-Fluorophenol	34	%				%		1
2, 4, 6-Tribromophenol	35	%				%		1

Appendix D: Results of Semivolatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	NOTES	CRDL	UNITS	DILUTION
TR14-ES-90-1200-3								
Phenol	330	UG/KG	U	NP		330	UG/KG	1
bis(2-Chloroethyl) ether	330	UG/KG	U	NP		330	UG/KG	1
2-Chlorophenol	330	UG/KG	U	NP		330	UG/KG	1
1, 3-Dichlorobenzene	330	UG/KG	U	NP		330	UG/KG	1
1, 4-Dichlorobenzene	330	UG/KG	U	NP		330	UG/KG	1
Benzyl Alcohol	330	UG/KG	U	NP		330	UG/KG	1
1, 2-Dichlorobenzene	330	UG/KG	U	NP		330	UG/KG	1
2-Methylphenol	330	UG/KG	U	NP		330	UG/KG	1
bis(2-Chloroisopropyl) ether	330	UG/KG	U	NP		330	UG/KG	1
4-Methylphenol	330	UG/KG	U	NP		330	UG/KG	1
N-Nitroso-di-nPropylamine	330	UG/KG	U	NP		330	UG/KG	1
Hexachloroethane	330	UG/KG	U	NP		330	UG/KG	1
Nitrobenzene	330	UG/KG	U	NP		330	UG/KG	1
Isophorone	330	UG/KG	U	NP		330	UG/KG	1
2-Nitrophenol	330	UG/KG	U	NP		330	UG/KG	1
2, 4-Dimethylphenol	330	UG/KG	U	NP		330	UG/KG	1
Benzoic Acid	1600	UG/KG	U	NP		1600	UG/KG	1
bis(2Chloroethoxy)methane	330	UG/KG	U	NP		330	UG/KG	1
2, 4-Dichlorophenol	330	UG/KG	U	NP		330	UG/KG	1
1, 2, 4-Trichlorobenzene	330	UG/KG	U	NP		330	UG/KG	1
Naphthalene	330	UG/KG	U	NP		330	UG/KG	1
4-Chloroaniline	330	UG/KG	U	NP		330	UG/KG	1
Hexachlorobutadiene	330	UG/KG	U	NP		330	UG/KG	1
4-Chloro-3-Methylphenol	330	UG/KG	U	NP		330	UG/KG	1
2-Methylnaphthalene	330	UG/KG	U	NP		330	UG/KG	1
Hexachlorocyclopentadiene	330	UG/KG	U	NP		330	UG/KG	1
2, 4, 6-Trichlorophenol	330	UG/KG	U	NP		330	UG/KG	1
2, 4, 5-Trichlorophenol	1600	UG/KG	U	NP		1600	UG/KG	1
2-Chloronaphthalene	330	UG/KG	U	NP		330	UG/KG	1
2-Nitroaniline	1600	UG/KG	U	NP		1600	UG/KG	1
Dimethyl Phthalate	330	UG/KG	U	NP		330	UG/KG	1
Acenaphthylene	330	UG/KG	U	NP		330	UG/KG	1
2, 6-Dinitrotoluene	330	UG/KG	U	NP		330	UG/KG	1
3-Nitroaniline	1600	UG/KG	U	NP		1600	UG/KG	1
Acenaphthene	330	UG/KG	U	NP		330	UG/KG	1
2, 4-Dinitrophenol	1600	UG/KG	U	NP		1600	UG/KG	1
4-Nitrophenol	1600	UG/KG	U	NP		1600	UG/KG	1
Dibenzofuran	330	UG/KG	U	NP		330	UG/KG	1
2, 4-Dinitrotoluene	330	UG/KG	U	NP		330	UG/KG	1
Diethylphthalate	330	UG/KG	U	NP		330	UG/KG	1
4-Chlorophenyl phenyl ether	330	UG/KG	U	NP		330	UG/KG	1
Fluorene	330	UG/KG	U	NP		330	UG/KG	1
4-Nitroaniline	1600	UG/KG	U	NP		1600	UG/KG	1
4, 6-Dinitro-2-Methylphenol	1600	UG/KG	U	NP		1600	UG/KG	1
N-Nitrosodiphenylamine	330	UG/KG	U	NP		330	UG/KG	1
4-Bromophenyl phenyl ether	330	UG/KG	U	NP		330	UG/KG	1
Hexachlorobenzene	330	UG/KG	U	NP		330	UG/KG	1
Pentachlorophenol	1600	UG/KG	U	NP		1600	UG/KG	1
Phenanthrene	330	UG/KG	U	NP		330	UG/KG	1

Appendix D: Results of Semivolatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	NOTES	CRDL	UNITS	DILUTION
TR14-ES-90-1200-3 (CONT)								
Anthracene	330	UG/KG	U	NP		330 UG/KG		1
Di-N-Butylphthalate	330	UG/KG	U	NP		330 UG/KG		1
Fluoranthene	330	UG/KG	U	NP		330 UG/KG		1
Pyrene	330	UG/KG	U	NP		330 UG/KG		1
Butyl Benzyl Phthalate	330	UG/KG	U	NP		330 UG/KG		1
3, 3'-Dichlorobenzidine	660	UG/KG	U	NP		660 UG/KG		1
Benzo(a)Anthracene	330	UG/KG	U	NP		330 UG/KG		1
Chrysene	330	UG/KG	U	NP		330 UG/KG		1
bis(2-Ethylhexyl)phthalate	38	UG/KG	J	NP		330 UG/KG		1
di-N-Octyl Phthalate	330	UG/KG	U	NP		330 UG/KG		1
Benzo(b)Fluoranthene	330	UG/KG	U	NP		330 UG/KG		1
Benzo(k)Fluoranthene	330	UG/KG	U	NP		330 UG/KG		1
Benzo(a)Pyrene	330	UG/KG	U	NP		330 UG/KG		1
Indeno(1,2,3-CD)Pyrene	330	UG/KG	U	NP		330 UG/KG		1
Dibenzo(a,h)Anthracene	330	UG/KG	U	NP		330 UG/KG		1
Benzo(g,h,i)Perylene	330	UG/KG	U	NP		330 UG/KG		1
Nitrobenzene-d5	71	%				%		1
2-Fluorobiphenyl	68	%				%		1
Terphenyl-d14	58	%				%		1
Phenol-d5	68	%				%		1
2-Fluorophenol	58	%				%		1
2, 4, 6-Tribromophenol	40	%				%		1

Appendix D: Results of Semivolatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	NOTES	CRDL	UNITS	DILUTION
TR-15-ES-20-1180-5								
Phenol	330	UG/KG	U	NP		330 UG/KG		1
bis(2-Chloroethyl) ether	330	UG/KG	U	NP		330 UG/KG		1
2-Chlorophenol	330	UG/KG	U	NP		330 UG/KG		1
1, 3-Dichlorobenzene	330	UG/KG	U	NP		330 UG/KG		1
1, 4-Dichlorobenzene	330	UG/KG	U	NP		330 UG/KG		1
Benzyl Alcohol	330	UG/KG	U	NP		330 UG/KG		1
1, 2-Dichlorobenzene	330	UG/KG	U	NP		330 UG/KG		1
2-Methylphenol	330	UG/KG	U	NP		330 UG/KG		1
bis(2-Chloroisopropyl) ether	330	UG/KG	U	NP		330 UG/KG		1
4-Methylphenol	330	UG/KG	U	NP		330 UG/KG		1
N-Nitroso-di-nPropylamine	330	UG/KG	U	NP		330 UG/KG		1
Hexachloroethane	330	UG/KG	U	NP		330 UG/KG		1
Nitrobenzene	330	UG/KG	U	NP		330 UG/KG		1
Isophorone	330	UG/KG	U	NP		330 UG/KG		1
2-Nitrophenol	330	UG/KG	U	NP		330 UG/KG		1
2, 4-Dimethylphenol	330	UG/KG	U	NP		330 UG/KG		1
Benzoic Acid	1600	UG/KG	U	NP		1600 UG/KG		1
bis(2Chloroethoxy)methane	330	UG/KG	U	NP		330 UG/KG		1
2, 4-Dichlorophenol	330	UG/KG	U	NP		330 UG/KG		1
1, 2, 4-Trichlorobenzene	330	UG/KG	U	NP		330 UG/KG		1
Naphthalene	330	UG/KG	U	NP		330 UG/KG		1
4-Chloroaniline	330	UG/KG	U	NP		330 UG/KG		1
Hexachlorobutadiene	330	UG/KG	U	NP		330 UG/KG		1
4-Chloro-3-Methylphenol	330	UG/KG	U	NP		330 UG/KG		1
2-Methylnaphthalene	330	UG/KG	U	NP		330 UG/KG		1
Hexachlorocyclopentadiene	330	UG/KG	U	NP		330 UG/KG		1
2, 4, 6-Trichlorophenol	330	UG/KG	U	NP		330 UG/KG		1
2, 4, 5-Trichlorophenol	1600	UG/KG	U	NP		1600 UG/KG		1
2-Chloronaphthalene	330	UG/KG	U	NP		330 UG/KG		1
2-Nitroaniline	1600	UG/KG	U	NP		1600 UG/KG		1
Dimethyl Phthalate	330	UG/KG	U	NP		330 UG/KG		1
Acenaphthylene	330	UG/KG	U	NP		330 UG/KG		1
2, 6-Dinitrotoluene	330	UG/KG	U	NP		330 UG/KG		1
3-Nitroaniline	1600	UG/KG	U	NP		1600 UG/KG		1
Acenaphthene	330	UG/KG	U	NP		330 UG/KG		1
2, 4-Dinitrophenol	1600	UG/KG	U	NP		1600 UG/KG		1
4-Nitrophenol	1600	UG/KG	U	NP		1600 UG/KG		1
Dibenzofuran	330	UG/KG	U	NP		330 UG/KG		1
2, 4-Dinitrotoluene	330	UG/KG	U	NP		330 UG/KG		1
Diethylphthalate	330	UG/KG	U	NP		330 UG/KG		1
4-Chlorophenyl phenyl ether	330	UG/KG	U	NP		330 UG/KG		1
Fluorene	330	UG/KG	U	NP		330 UG/KG		1
4-Nitroaniline	1600	UG/KG	U	NP		1600 UG/KG		1
4, 6-Dinitro-2-Methylphenol	1600	UG/KG	U	NP		1600 UG/KG		1
N-Nitrosodiphenylamine	330	UG/KG	U	NP		330 UG/KG		1
4-Bromophenyl phenyl ether	330	UG/KG	U	NP		330 UG/KG		1
Hexachlorobenzene	330	UG/KG	U	NP		330 UG/KG		1
Pentachlorophenol	1600	UG/KG	U	NP		1600 UG/KG		1
Phenanthrene	330	UG/KG	U	NP		330 UG/KG		1

Appendix D: Results of Semivolatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	NOTES	CRDL	UNITS	DILUTION
TR-15-ES-20-1180-.5 (CONT)								
Anthracene	330	UG/KG	U	NP		330 UG/KG		1
Di-N-Butylphthalate	330	UG/KG	U	NP		330 UG/KG		1
Fluoranthene	330	UG/KG	U	NP		330 UG/KG		1
Pyrene	330	UG/KG	U	NP		330 UG/KG		1
Butyl Benzyl Phthalate	330	UG/KG	U	NP		330 UG/KG		1
3, 3'-Dichlorobenzidine	660	UG/KG	U	NP		660 UG/KG		1
Benzo(a)Anthracene	330	UG/KG	U	NP		330 UG/KG		1
Chrysene	330	UG/KG	U	NP		330 UG/KG		1
bis(2-Ethylhexyl)phthalate	330	UG/KG	U	NP		330 UG/KG		1
di-N-Octyl Phthalate	330	UG/KG	U	NP		330 UG/KG		1
Benzo(b)Fluoranthene	330	UG/KG	U	NP		330 UG/KG		1
Benzo(k)Fluoranthene	330	UG/KG	U	NP		330 UG/KG		1
Benzo(a)Pyrene	330	UG/KG	U	NP		330 UG/KG		1
Indeno(1,2,3-CD)Pyrene	330	UG/KG	U	NP		330 UG/KG		1
Dibenzo(a,h)Anthracene	330	UG/KG	U	NP		330 UG/KG		1
Benzo(g,h,i)Perylene	330	UG/KG	U	NP		330 UG/KG		1
Pentadecane	220	UG/KG	J	NP		UG/KG		1
Unknown-1	140	UG/KG	J	NP		UG/KG		1
Unknown-2	190	UG/KG	J	NP		UG/KG		1
Hexadecane	390	UG/KG	J	NP		UG/KG		1
Pentadecane, 2,6,10,14-tetrame	1500	UG/KG	J	NP		UG/KG		1
Unknown-3	160	UG/KG	J	NP		UG/KG		1
Hexadecane, 2,6,10,14,-tetrame	840	UG/KG	J	NP		UG/KG		1
Unknown-4	210	UG/KG	J	NP		UG/KG		1
Unknown-5	110	UG/KG	J	NP		UG/KG		1
Unknown-6	270	UG/KG	J	NP		UG/KG		1
Nonadecane	580	UG/KG	J	NP		UG/KG		1
Unknown-7	160	UG/KG	J	NP		UG/KG		1
Unknown-8	190	UG/KG	J	NP		UG/KG		1
Unknown-9	120	UG/KG	J	NP		UG/KG		1
Eicosane	380	UG/KG	J	NP		UG/KG		1
Heneicosane	150	UG/KG	J	NP		UG/KG		1
Unknown-10	110	UG/KG	J	NP		UG/KG		1
Unknown-11	220	UG/KG	BJ	NP		UG/KG		1
Unknown-12	140	UG/KG	J	NP		UG/KG		1
Unknown-13	1300	UG/KG	J	NP		UG/KG		1
Unknown-14	110	UG/KG	J	NP		UG/KG		1
Unknown-15	130	UG/KG	J	NP		UG/KG		1
Nitrobenzene-d5	82	%				%		1
2-Fluorobiphenyl	75	%				%		1
Terphenyl-d14	68	%				%		1
Phenol-d5	78	%				%		1
2-Fluorophenol	75	%				%		1
2, 4, 6-Tribromophenol	91	%				%		1

Appendix D: Results of Semivolatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	NOTES	CRDL	UNITS	DILUTION
TR15-ES-20-1180-5 MS								
Phenol	66	%		NP		%		1
2-Chlorophenol	70	%		NP		%		1
1, 4-Dichlorobenzene	65	%		NP		%		1
N-Nitroso-di-nPropylamine	74	%		NP		%		1
1, 2, 4-Trichlorobenzene	66	%		NP		%		1
4-Chloro-3-Methylphenol	75	%		NP		%		1
Acenaphthene	63	%		NP		%		1
4-Nitrophenol	90	%		NP		%		1
2, 4-Dinitrotoluene	73	%		NP		%		1
Pentachlorophenol	42	%		NP		%		1
Pyrene	62	%		NP		%		1
Nitrobenzene-d5	75	%		NP		%		1
2-Fluorobiphenyl	71	%		NP		%		1
Terphenyl-d14	64	%		NP		%		1
Phenol-d5	74	%		NP		%		1
2-Fluorophenol	70	%		NP		%		1
2, 4, 6-Tribromophenol	82	%		NP		%		1
TR15-ES-20-1180-5 MSD								
Phenol	68	%		NP		%		1
2-Chlorophenol	68	%		NP		%		1
1, 4-Dichlorobenzene	61	%		NP		%		1
N-Nitroso-di-nPropylamine	71	%		NP		%		1
1, 2, 4-Trichlorobenzene	66	%		NP		%		1
4-Chloro-3-Methylphenol	73	%		NP		%		1
Acenaphthene	66	%		NP		%		1
4-Nitrophenol	116	%	-	NP		%		1
2, 4-Dinitrotoluene	72	%		NP		%		1
Pentachlorophenol	51	%		NP		%		1
Pyrene	62	%		NP		%		1
Nitrobenzene-d5	74	%		NP		%		1
2-Fluorobiphenyl	71	%		NP		%		1
Terphenyl-d14	64	%		NP		%		1
Phenol-d5	74	%		NP		%		1
2-Fluorophenol	68	%		NP		%		1
2, 4, 6-Tribromophenol	80	%		NP		%		1

Appendix D: Results of Semivolatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	NOTES	CRDL	UNITS	DILUTION
TR16-ES-200-80-1.5								
Phenol	330	UG/KG	U	NP		330	UG/KG	1
bis(2-Chloroethyl) ether	330	UG/KG	U	NP		330	UG/KG	1
2-Chlorophenol	330	UG/KG	U	NP		330	UG/KG	1
1, 3-Dichlorobenzene	330	UG/KG	U	NP		330	UG/KG	1
1, 4-Dichlorobenzene	330	UG/KG	U	NP		330	UG/KG	1
Benzyl Alcohol	330	UG/KG	U	NP		330	UG/KG	1
1, 2-Dichlorobenzene	330	UG/KG	U	NP		330	UG/KG	1
2-Methylphenol	330	UG/KG	U	NP		330	UG/KG	1
bis(2-Chloroisopropyl) ether	330	UG/KG	U	NP		330	UG/KG	1
4-Methylphenol	330	UG/KG	U	NP		330	UG/KG	1
N-Nitroso-di-n-Propylamine	330	UG/KG	U	NP		330	UG/KG	1
Hexachloroethane	330	UG/KG	U	NP		330	UG/KG	1
Nitrobenzene	330	UG/KG	U	NP		330	UG/KG	1
Isophorone	330	UG/KG	U	NP		330	UG/KG	1
2-Nitrophenol	330	UG/KG	U	NP		330	UG/KG	1
2, 4-Dimethylphenol	330	UG/KG	U	NP		330	UG/KG	1
Benzoic Acid	1600	UG/KG	U	NP		1600	UG/KG	1
bis(2Chloroethoxy)methane	330	UG/KG	U	NP		330	UG/KG	1
2, 4-Dichlorophenol	330	UG/KG	U	NP		330	UG/KG	1
1, 2, 4-Trichlorobenzene	330	UG/KG	U	NP		330	UG/KG	1
Naphthalene	330	UG/KG	U	NP		330	UG/KG	1
4-Chloroaniline	330	UG/KG	U	NP		330	UG/KG	1
Hexachlorobutadiene	330	UG/KG	U	NP		330	UG/KG	1
4-Chloro-3-Methylphenol	330	UG/KG	U	NP		330	UG/KG	1
2-Methylnaphthalene	330	UG/KG	U	NP		330	UG/KG	1
Hexachlorocyclopentadiene	330	UG/KG	U	NP		330	UG/KG	1
2, 4, 6-Trichlorophenol	330	UG/KG	U	NP		330	UG/KG	1
2, 4, 5-Trichlorophenol	1600	UG/KG	U	NP		1600	UG/KG	1
2-Chloronaphthalene	330	UG/KG	U	NP		330	UG/KG	1
2-Nitroaniline	1600	UG/KG	U	NP		1600	UG/KG	1
Dimethyl Phthalate	330	UG/KG	U	NP		330	UG/KG	1
Acenaphthylene	330	UG/KG	U	NP		330	UG/KG	1
2, 6-Dinitrotoluene	330	UG/KG	U	NP		330	UG/KG	1
3-Nitroaniline	1600	UG/KG	U	NP		1600	UG/KG	1
Acenaphthene	330	UG/KG	U	NP		330	UG/KG	1
2, 4-Dinitrophenol	1600	UG/KG	U	NP		1600	UG/KG	1
4-Nitrophenol	1600	UG/KG	U	NP		1600	UG/KG	1
Dibenzofuran	330	UG/KG	U	NP		330	UG/KG	1
2, 4-Dinitrotoluene	330	UG/KG	U	NP		330	UG/KG	1
Diethylphthalate	330	UG/KG	U	NP		330	UG/KG	1
4-Chlorophenyl phenyl ether	330	UG/KG	U	NP		330	UG/KG	1
Fluorene	330	UG/KG	U	NP		330	UG/KG	1
4-Nitroaniline	1600	UG/KG	U	NP		1600	UG/KG	1
4, 6-Dinitro-2-Methylphenol	1600	UG/KG	U	NP		1600	UG/KG	1
N-Nitrosodiphenylamine	330	UG/KG	U	NP		330	UG/KG	1
4-Bromophenyl phenyl ether	330	UG/KG	U	NP		330	UG/KG	1
Hexachlorobenzene	330	UG/KG	U	NP		330	UG/KG	1
Pentachlorophenol	1600	UG/KG	U	NP		1600	UG/KG	1
Phenanthrene	76	UG/KG	J	NP		330	UG/KG	1

Appendix D: Results of Semivolatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	NOTES	CRDL	UNITS	DILUTION
TR16-ES-200-80-1.5 (CONT)								
Anthracene	330	UG/KG	U	NP		330	UG/KG	1
Di-N-Butylphthalate	330	UG/KG	U	NP		330	UG/KG	1
Fluoranthene	74	UG/KG	J	NP		330	UG/KG	1
Pyrene	46	UG/KG	J	NP		330	UG/KG	1
Butyl Benzyl Phthalate	330	UG/KG	U	NP		330	UG/KG	1
3, 3'-Dichlorobenzidine	660	UG/KG	U	NP		660	UG/KG	1
Benzo(a)Anthracene	330	UG/KG	U	NP		330	UG/KG	1
Chrysene	330	UG/KG	U	NP		330	UG/KG	1
bis(2-Ethylhexyl)phthalate	77	UG/KG	J	NP		330	UG/KG	1
di-N-Octyl Phthalate	330	UG/KG	U	NP		330	UG/KG	1
Benzo(b)Fluoranthene	330	UG/KG	U	NP		330	UG/KG	1
Benzo(k)Fluoranthene	330	UG/KG	U	NP		330	UG/KG	1
Benzo(a)Pyrene	330	UG/KG	U	NP		330	UG/KG	1
Indeno(1,2,3-CD)Pyrene	330	UG/KG	U	NP		330	UG/KG	1
Dibenzo(a,h)Anthracene	330	UG/KG	U	NP		330	UG/KG	1
Benzo(g,h,i)Perylene	330	UG/KG	U	NP		330	UG/KG	1
Unknown-1	250	UG/KG	J	NP			UG/KG	1
Unknown-2	220	UG/KG	J	NP			UG/KG	1
Unknown-3	280	UG/KG	J	NP			UG/KG	1
Unknown-4	75	UG/KG	J	NP			UG/KG	1
Unknown-5	310	UG/KG	J	NP			UG/KG	1
Unknown-6	200	UG/KG	J	NP			UG/KG	1
Unknown-7	180	UG/KG	J	NP			UG/KG	1
Unknown-8	70	UG/KG	BJ	NP			UG/KG	1
Unknown-9	75	UG/KG	J	NP			UG/KG	1
Nitrobenzene-d5	78	%					%	1
2-Fluorobiphenyl	73	%					%	1
Terphenyl-d14	64	%					%	1
Phenol-d5	79	%					%	1
2-Fluorophenol	71	%					%	1
2, 4, 6-Tribromophenol	73	%					%	1

Appendix D: Results of Semivolatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	NOTES	CRDL	UNITS	DILUTION
TR17-ES-30-120-5								
Phenol	330	UG/KG	U	NP		330	UG/KG	1
bis(2-Chloroethyl) ether	330	UG/KG	U	NP		330	UG/KG	1
2-Chlorophenol	330	UG/KG	U	NP		330	UG/KG	1
1, 3-Dichlorobenzene	330	UG/KG	U	NP		330	UG/KG	1
1, 4-Dichlorobenzene	330	UG/KG	U	NP		330	UG/KG	1
Benzyl Alcohol	330	UG/KG	U	NP		330	UG/KG	1
1, 2-Dichlorobenzene	330	UG/KG	U	NP		330	UG/KG	1
2-Methylphenol	330	UG/KG	U	NP		330	UG/KG	1
bis(2-Chloroisopropyl) ether	330	UG/KG	U	NP		330	UG/KG	1
4-Methylphenol	330	UG/KG	U	NP		330	UG/KG	1
N-Nitroso-di-n-Propylamine	330	UG/KG	U	NP		330	UG/KG	1
Hexachloroethane	330	UG/KG	U	NP		330	UG/KG	1
Nitrobenzene	330	UG/KG	U	NP		330	UG/KG	1
Isophorone	330	UG/KG	U	NP		330	UG/KG	1
2-Nitrophenol	330	UG/KG	U	NP		330	UG/KG	1
2, 4-Dimethylphenol	330	UG/KG	U	NP		330	UG/KG	1
Benzoic Acid	1600	UG/KG	U	NP		1600	UG/KG	1
bis(2Chloroethoxy)methane	330	UG/KG	U	NP		330	UG/KG	1
2, 4-Dichlorophenol	330	UG/KG	U	NP		330	UG/KG	1
1, 2, 4-Trichlorobenzene	330	UG/KG	U	NP		330	UG/KG	1
Naphthalene	330	UG/KG	U	NP		330	UG/KG	1
4-Chloroaniline	330	UG/KG	U	NP		330	UG/KG	1
Hexachlorobutadiene	330	UG/KG	U	NP		330	UG/KG	1
4-Chloro-3-Methylphenol	330	UG/KG	U	NP		330	UG/KG	1
2-Methylnaphthalene	330	UG/KG	U	NP		330	UG/KG	1
Hexachlorocyclopentadiene	330	UG/KG	U	NP		330	UG/KG	1
2, 4, 6-Trichlorophenol	330	UG/KG	U	NP		330	UG/KG	1
2, 4, 5-Trichlorophenol	1600	UG/KG	U	NP		1600	UG/KG	1
2-Chloronaphthalene	330	UG/KG	U	NP		330	UG/KG	1
2-Nitroaniline	1600	UG/KG	U	NP		1600	UG/KG	1
Dimethyl Phthalate	330	UG/KG	U	NP		330	UG/KG	1
Acenaphthylene	330	UG/KG	U	NP		330	UG/KG	1
2, 6-Dinitrotoluene	330	UG/KG	U	NP		330	UG/KG	1
3-Nitroaniline	1600	UG/KG	U	NP		1600	UG/KG	1
Acenaphthene	330	UG/KG	U	NP		330	UG/KG	1
2, 4-Dinitrophenol	1600	UG/KG	U	NP		1600	UG/KG	1
4-Nitrophenol	1600	UG/KG	U	NP		1600	UG/KG	1
Dibenzofuran	330	UG/KG	U	NP		330	UG/KG	1
2, 4-Dinitrotoluene	330	UG/KG	U	NP		330	UG/KG	1
Diethylphthalate	330	UG/KG	U	NP		330	UG/KG	1
4-Chlorophenyl phenyl ether	330	UG/KG	U	NP		330	UG/KG	1
Fluorene	330	UG/KG	U	NP		330	UG/KG	1
4-Nitroaniline	1600	UG/KG	U	NP		1600	UG/KG	1
4, 6-Dinitro-2-Methylphenol	1600	UG/KG	U	NP		1600	UG/KG	1
N-Nitrosodiphenylamine	330	UG/KG	U	NP		330	UG/KG	1
4-Bromophenyl phenyl ether	330	UG/KG	U	NP		330	UG/KG	1
Hexachlorobenzene	330	UG/KG	U	NP		330	UG/KG	1
Pentachlorophenol	1600	UG/KG	U	NP		1600	UG/KG	1
Phenanthrene	330	UG/KG	U	NP		330	UG/KG	1

Appendix D: Results of Semivolatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	NOTES	CRDL	UNITS	DILUTION
TR17-ES-30-120-5 (CONT)								
Anthracene	330	UG/KG	U	NP		330 UG/KG		1
Di-N-Butylphthalate	330	UG/KG	U	NP		330 UG/KG		1
Fluoranthene	330	UG/KG	U	NP		330 UG/KG		1
Pyrene	330	UG/KG	U	NP		330 UG/KG		1
Butyl Benzyl Phthalate	330	UG/KG	U	NP		330 UG/KG		1
3, 3'-Dichlorobenzidine	660	UG/KG	U	NP		660 UG/KG		1
Benzo(a)Anthracene	330	UG/KG	U	NP		330 UG/KG		1
Chrysene	330	UG/KG	U	NP		330 UG/KG		1
bis(2-Ethylhexyl)phthalate	330	UG/KG	U	NP		330 UG/KG		1
di-N-Octyl Phthalate	330	UG/KG	U	NP		330 UG/KG		1
Benzo(b)Fluoranthene	330	UG/KG	U	NP		330 UG/KG		1
Benzo(k)Fluoranthene	330	UG/KG	U	NP		330 UG/KG		1
Benzo(a)Pyrene	330	UG/KG	U	NP		330 UG/KG		1
Indeno(1,2,3-CD)Pyrene	330	UG/KG	U	NP		330 UG/KG		1
Dibenzo(a,h)Anthracene	330	UG/KG	U	NP		330 UG/KG		1
Benzo(g,h,i)Perylene	330	UG/KG	U	NP		330 UG/KG		1
Unknown-1	1100	UG/KG	J	NP		UG/KG		1
Unknown-2	170	UG/KG	J	NP		UG/KG		1
Unknown-3	1700	UG/KG	J	NP		UG/KG		1
Unknown-4	170	UG/KG	J	NP		UG/KG		1
Nitrobenzene-d5	83	%				%		1
2-Fluorobiphenyl	77	%				%		1
Terphenyl-d14	69	%				%		1
Phenol-d5	77	%				%		1
2-Fluorophenol	71	%				%		1
2, 4, 6-Tribromophenol	80	%				%		1

Appendix D: Results of Semivolatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID	NOTES	CRDL	UNITS	DILUTION
TR17-ES-30-125-8								
Phenol	330	UG/KG	U	NP		330 UG/KG		1
bis(2-Chloroethyl) ether	330	UG/KG	U	NP		330 UG/KG		1
2-Chlorophenol	330	UG/KG	U	NP		330 UG/KG		1
1, 3-Dichlorobenzene	330	UG/KG	U	NP		330 UG/KG		1
1, 4-Dichlorobenzene	330	UG/KG	U	NP		330 UG/KG		1
Benzyl Alcohol	330	UG/KG	U	NP		330 UG/KG		1
1, 2-Dichlorobenzene	330	UG/KG	U	NP		330 UG/KG		1
2-Methylphenol	330	UG/KG	U	NP		330 UG/KG		1
bis(2-Chloroisopropyl) ether	330	UG/KG	U	NP		330 UG/KG		1
4-Methylphenol	330	UG/KG	U	NP		330 UG/KG		1
N-Nitroso-di-nPropylamine	330	UG/KG	U	NP		330 UG/KG		1
Hexachloroethane	330	UG/KG	U	NP		330 UG/KG		1
Nitrobenzene	330	UG/KG	U	NP		330 UG/KG		1
Isophorone	330	UG/KG	U	NP		330 UG/KG		1
2-Nitrophenol	330	UG/KG	U	NP		330 UG/KG		1
2, 4-Dimethylphenol	330	UG/KG	U	NP		330 UG/KG		1
Benzoic Acid	1600	UG/KG	U	NP		1600 UG/KG		1
bis(2Chloroethoxy)methane	330	UG/KG	U	NP		330 UG/KG		1
2, 4-Dichlorophenol	330	UG/KG	U	NP		330 UG/KG		1
1, 2, 4-Trichlorobenzene	330	UG/KG	U	NP		330 UG/KG		1
Naphthalene	330	UG/KG	U	NP		330 UG/KG		1
4-Chloroaniline	330	UG/KG	U	NP		330 UG/KG		1
Hexachlorobutadiene	330	UG/KG	U	NP		330 UG/KG		1
4-Chloro-3-Methylphenol	330	UG/KG	U	NP		330 UG/KG		1
2-Methylnaphthalene	330	UG/KG	U	NP		330 UG/KG		1
Hexachlorocyclopentadiene	330	UG/KG	U	NP		330 UG/KG		1
2, 4, 6-Trichlorophenol	330	UG/KG	U	NP		330 UG/KG		1
2, 4, 5-Trichlorophenol	1600	UG/KG	U	NP		1600 UG/KG		1
2-Chloronaphthalene	330	UG/KG	U	NP		330 UG/KG		1
2-Nitroaniline	1600	UG/KG	U	NP		1600 UG/KG		1
Dimethyl Phthalate	330	UG/KG	U	NP		330 UG/KG		1
Acenaphthylene	330	UG/KG	U	NP		330 UG/KG		1
2, 6-Dinitrotoluene	330	UG/KG	U	NP		330 UG/KG		1
3-Nitroaniline	1600	UG/KG	U	NP		1600 UG/KG		1
Acenaphthene	330	UG/KG	U	NP		330 UG/KG		1
2, 4-Dinitrophenol	1600	UG/KG	U	NP		1600 UG/KG		1
4-Nitrophenol	1600	UG/KG	U	NP		1600 UG/KG		1
Dibenzofuran	330	UG/KG	U	NP		330 UG/KG		1
2, 4-Dinitrotoluene	330	UG/KG	U	NP		330 UG/KG		1
Diethylphthalate	330	UG/KG	U	NP		330 UG/KG		1
4-Chlorophenyl phenyl ether	330	UG/KG	U	NP		330 UG/KG		1
Fluorene	330	UG/KG	U	NP		330 UG/KG		1
4-Nitroaniline	1600	UG/KG	U	NP		1600 UG/KG		1
4, 6-Dinitro-2-Methylphenol	1600	UG/KG	U	NP		1600 UG/KG		1
N-Nitrosodiphenylamine	330	UG/KG	U	NP		330 UG/KG		1
4-Bromophenyl phenyl ether	330	UG/KG	U	NP		330 UG/KG		1
Hexachlorobenzene	330	UG/KG	U	NP		330 UG/KG		1
Pentachlorophenol	1600	UG/KG	U	NP		1600 UG/KG		1
Phenanthrene	330	UG/KG	U	NP		330 UG/KG		1

Appendix D: Results of Semivolatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	NOTES	CRDL	UNITS	DILUTION
TR17-ES-30-125-8 (CON'T)								
Anthracene	330	UG/KG	U	NP		330	UG/KG	1
Di-N-Butylphthalate	330	UG/KG	U	NP		330	UG/KG	1
Fluoranthene	330	UG/KG	U	NP		330	UG/KG	1
Pyrene	330	UG/KG	U	NP		330	UG/KG	1
Butyl Benzyl Phthalate	330	UG/KG	U	NP		330	UG/KG	1
3, 3'-Dichlorobenzidine	660	UG/KG	U	NP		660	UG/KG	1
Benzo(a)Anthracene	330	UG/KG	U	NP		330	UG/KG	1
Chrysene	330	UG/KG	U	NP		330	UG/KG	1
bis(2-Ethylhexyl)phthalate	33	UG/KG	J	NP		330	UG/KG	1
di-N-Octyl Phthalate	330	UG/KG	U	NP		330	UG/KG	1
Benzo(b)Fluoranthene	330	UG/KG	U	NP		330	UG/KG	1
Benzo(k)Fluoranthene	330	UG/KG	U	NP		330	UG/KG	1
Benzo(a)Pyrene	330	UG/KG	U	NP		330	UG/KG	1
Indeno(1,2,3-CD)Pyrene	330	UG/KG	U	NP		330	UG/KG	1
Dibenzo(a,h)Anthracene	330	UG/KG	U	NP		330	UG/KG	1
Benzo(g,h,i)Perylene	330	UG/KG	U	NP		330	UG/KG	1
Unknown C10H16-1	950	UG/KG	J	NP			UG/KG	1
Unknown C10H16-2	200	UG/KG	J	NP			UG/KG	1
Unknown-1	78	UG/KG	J	NP			UG/KG	1
Unknown-2	250	UG/KG	J	NP			UG/KG	1
Unknown-3	240	UG/KG	J	NP			UG/KG	1
Nitrobenzene-d5	82	%					%	1
2-Fluorobiphenyl	80	%					%	1
Terphenyl-d14	70	%					%	1
Phenol-d5	87	%					%	1
2-Fluorophenol	82	%					%	1
2, 4, 6-Tribromophenol	82	%					%	1

Appendix D: Results of Semivolatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	NOTES	CRDL	UNITS	DILUTION
TR18-B5-90-150A-E								
Phenol	330	UG/KG	U	NP		330	UG/KG	1
bis(2-Chloroethyl) ether	330	UG/KG	U	NP		330	UG/KG	1
2-Chlorophenol	330	UG/KG	U	NP		330	UG/KG	1
1, 3-Dichlorobenzene	330	UG/KG	U	NP		330	UG/KG	1
1, 4-Dichlorobenzene	330	UG/KG	U	NP		330	UG/KG	1
Benzyl Alcohol	330	UG/KG	U	NP		330	UG/KG	1
1, 2-Dichlorobenzene	330	UG/KG	U	NP		330	UG/KG	1
2-Methylphenol	330	UG/KG	U	NP		330	UG/KG	1
bis(2-Chloroisopropyl) ether	330	UG/KG	U	NP		330	UG/KG	1
4-Methylphenol	330	UG/KG	U	NP		330	UG/KG	1
N-Nitroso-di-n-Propylamine	330	UG/KG	U	NP		330	UG/KG	1
Hexachloroethane	330	UG/KG	U	NP		330	UG/KG	1
Nitrobenzene	330	UG/KG	U	NP		330	UG/KG	1
Isophorone	330	UG/KG	U	NP		330	UG/KG	1
2-Nitrophenol	330	UG/KG	U	NP		330	UG/KG	1
2, 4-Dimethylphenol	330	UG/KG	U	NP		330	UG/KG	1
Benzoic Acid	1600	UG/KG	U	NP		1600	UG/KG	1
bis(2Chloroethoxy)methane	330	UG/KG	U	NP		330	UG/KG	1
2, 4-Dichlorophenol	330	UG/KG	U	NP		330	UG/KG	1
1, 2, 4-Trichlorobenzene	330	UG/KG	U	NP		330	UG/KG	1
Naphthalene	330	UG/KG	U	NP		330	UG/KG	1
4-Chloroaniline	330	UG/KG	U	NP		330	UG/KG	1
Hexachlorobutadiene	330	UG/KG	U	NP		330	UG/KG	1
4-Chloro-3-Methylphenol	330	UG/KG	U	NP		330	UG/KG	1
2-Methylnaphthalene	330	UG/KG	U	NP		330	UG/KG	1
Hexachlorocyclopentadiene	330	UG/KG	U	NP		330	UG/KG	1
2, 4, 6-Trichlorophenol	330	UG/KG	U	NP		330	UG/KG	1
2, 4, 5-Trichlorophenol	1600	UG/KG	U	NP		1600	UG/KG	1
2-Chloronaphthalene	330	UG/KG	U	NP		330	UG/KG	1
2-Nitroaniline	1600	UG/KG	U	NP		1600	UG/KG	1
Dimethyl Phthalate	330	UG/KG	U	NP		330	UG/KG	1
Acenaphthylene	330	UG/KG	U	NP		330	UG/KG	1
2, 6-Dinitrotoluene	330	UG/KG	U	NP		330	UG/KG	1
3-Nitroaniline	1600	UG/KG	U	NP		1600	UG/KG	1
Acenaphthene	330	UG/KG	U	NP		330	UG/KG	1
2, 4-Dinitrophenol	1600	UG/KG	U	NP		1600	UG/KG	1
4-Nitrophenol	1600	UG/KG	U	NP		1600	UG/KG	1
Dibenzofuran	330	UG/KG	U	NP		330	UG/KG	1
2, 4-Dinitrotoluene	330	UG/KG	U	NP		330	UG/KG	1
Diethylphthalate	330	UG/KG	U	NP		330	UG/KG	1
4-Chlorophenyl phenyl ether	330	UG/KG	U	NP		330	UG/KG	1
Fluorene	330	UG/KG	U	NP		330	UG/KG	1
4-Nitroaniline	1600	UG/KG	U	NP		1600	UG/KG	1
4, 6-Dinitro-2-Methylphenol	1600	UG/KG	U	NP		1600	UG/KG	1
N-Nitrosodiphenylamine	330	UG/KG	U	NP		330	UG/KG	1
4-Bromophenyl phenyl ether	330	UG/KG	U	NP		330	UG/KG	1
Hexachlorobenzene	330	UG/KG	U	NP		330	UG/KG	1
Pentachlorophenol	1600	UG/KG	U	NP		1600	UG/KG	1
Phenanthrene	330	UG/KG	U	NP		330	UG/KG	1

Appendix D: Results of Semivolatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	NOTES	CRDL	UNITS	DILUTION
TR18-BS-90-150A-E (CONT)								
Anthracene	330	UG/KG	U	NP		330	UG/KG	1
Di-N-Butylphthalate	330	UG/KG	U	NP		330	UG/KG	1
Fluoranthene	330	UG/KG	U	NP		330	UG/KG	1
Pyrene	330	UG/KG	U	NP		330	UG/KG	1
Butyl Benzyl Phthalate	330	UG/KG	U	NP		330	UG/KG	1
3, 3'-Dichlorobenzidine	660	UG/KG	U	NP		660	UG/KG	1
Benzo(a)Anthracene	330	UG/KG	U	NP		330	UG/KG	1
Chrysene	330	UG/KG	U	NP		330	UG/KG	1
bis(2-Ethylhexyl)phthalate	330	UG/KG	U	NP		330	UG/KG	1
di-N-Octyl Phthalate	330	UG/KG	U	NP		330	UG/KG	1
Benzo(b)Fluoranthene	330	UG/KG	U	NP		330	UG/KG	1
Benzo(k)Fluoranthene	330	UG/KG	U	NP		330	UG/KG	1
Benzo(a)Pyrene	330	UG/KG	U	NP		330	UG/KG	1
Indeno(1,2,3-CD)Pyrene	330	UG/KG	U	NP		330	UG/KG	1
Dibenzo(a,h)Anthracene	330	UG/KG	U	NP		330	UG/KG	1
Benzo(g,h,i)Perylene	330	UG/KG	U	NP		330	UG/KG	1
Unknown-1	94	UG/KG	J	NP			UG/KG	1
Unknown-2	67	UG/KG	J	NP			UG/KG	1
Nitrobenzene-d5	78	%					%	1
2-Fluorobiphenyl	77	%					%	1
Terphenyl-d14	65	%					%	1
Phenol-d5	80	%					%	1
2-Fluorophenol	74	%					%	1
2, 4, 6-Tribromophenol	79	%					%	1

Appendix D: Results of Semivolatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	NOTES	CRDL	UNITS	DILUTION
TR19-BS-0-150A-E								
Phenol	330	UG/KG	U	NP		330	UG/KG	1
bis(2-Chloroethyl) ether	330	UG/KG	U	NP		330	UG/KG	1
2-Chlorophenol	330	UG/KG	U	NP		330	UG/KG	1
1, 3-Dichlorobenzene	330	UG/KG	U	NP		330	UG/KG	1
1, 4-Dichlorobenzene	330	UG/KG	U	NP		330	UG/KG	1
Benzyl Alcohol	330	UG/KG	U	NP		330	UG/KG	1
1, 2-Dichlorobenzene	330	UG/KG	U	NP		330	UG/KG	1
2-Methylphenol	330	UG/KG	U	NP		330	UG/KG	1
bis(2-Chloroisopropyl) ether	330	UG/KG	U	NP		330	UG/KG	1
4-Methylphenol	330	UG/KG	U	NP		330	UG/KG	1
N-Nitroso-di-n-Propylamine	330	UG/KG	U	NP		330	UG/KG	1
Hexachloroethane	330	UG/KG	U	NP		330	UG/KG	1
Nitrobenzene	330	UG/KG	U	NP		330	UG/KG	1
Isophorone	330	UG/KG	U	NP		330	UG/KG	1
2-Nitrophenol	330	UG/KG	U	NP		330	UG/KG	1
2, 4-Dimethylphenol	330	UG/KG	U	NP		330	UG/KG	1
Benzoic Acid	1600	UG/KG	U	NP		1600	UG/KG	1
bis(2Chloroethoxy)methane	330	UG/KG	U	NP		330	UG/KG	1
2, 4-Dichlorophenol	330	UG/KG	U	NP		330	UG/KG	1
1, 2, 4-Trichlorobenzene	330	UG/KG	U	NP		330	UG/KG	1
Naphthalene	330	UG/KG	U	NP		330	UG/KG	1
4-Chloroaniline	330	UG/KG	U	NP		330	UG/KG	1
Hexachlorobutadiene	330	UG/KG	U	NP		330	UG/KG	1
4-Chloro-3-Methylphenol	330	UG/KG	U	NP		330	UG/KG	1
2-Methylnaphthalene	2300	UG/KG		NP		330	UG/KG	1
Hexachlorocyclopentadiene	330	UG/KG	U	NP		330	UG/KG	1
2, 4, 6-Trichlorophenol	330	UG/KG	U	NP		330	UG/KG	1
2, 4, 5-Trichlorophenol	1600	UG/KG	U	NP		1600	UG/KG	1
2-Chloronaphthalene	330	UG/KG	U	NP		330	UG/KG	1
2-Nitroaniline	1600	UG/KG	U	NP		1600	UG/KG	1
Dimethyl Phthalate	330	UG/KG	U	NP		330	UG/KG	1
Acenaphthylene	330	UG/KG	U	NP		330	UG/KG	1
2, 6-Dinitrotoluene	330	UG/KG	U	NP		330	UG/KG	1
3-Nitroaniline	1600	UG/KG	U	NP		1600	UG/KG	1
Acenaphthene	330	UG/KG	U	NP		330	UG/KG	1
2, 4-Dinitrophenol	1600	UG/KG	U	NP		1600	UG/KG	1
4-Nitrophenol	1600	UG/KG	U	NP		1600	UG/KG	1
Dibenzofuran	330	UG/KG	U	NP		330	UG/KG	1
2, 4-Dinitrotoluene	330	UG/KG	U	NP		330	UG/KG	1
Diethylphthalate	330	UG/KG	U	NP		330	UG/KG	1
4-Chlorophenyl phenyl ether	330	UG/KG	U	NP		330	UG/KG	1
Fluorene	650	UG/KG		NP		330	UG/KG	1
4-Nitroaniline	1600	UG/KG	U	NP		1600	UG/KG	1
4, 6-Dinitro-2-Methylphenol	1600	UG/KG	U	NP		1600	UG/KG	1
N-Nitrosodiphenylamine	330	UG/KG	U	NP		330	UG/KG	1
4-Bromophenyl phenyl ether	330	UG/KG	U	NP		330	UG/KG	1
Hexachlorobenzene	330	UG/KG	U	NP		330	UG/KG	1
Pentachlorophenol	1600	UG/KG	U	NP		1600	UG/KG	1
Phenanthrene	420	UG/KG		NP		330	UG/KG	1

Appendix D: Results of Semivolatile Organic Compound Analyses, Salmon Site

COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	NOTES	CRDL	UNITS	DILUTION
TR19-BS-0-150A-E (CONT)								
Anthracene	330	UG/KG	U	NP		330	UG/KG	1
Di-N-Butylphthalate	330	UG/KG	U	NP		330	UG/KG	1
Fluoranthene	330	UG/KG	U	NP		330	UG/KG	1
Pyrene	330	UG/KG	U	NP		330	UG/KG	1
Butyl Benzyl Phthalate	49	UG/KG	J	NP		330	UG/KG	1
3, 3'-Dichlorobenzidine	660	UG/KG	U	NP		660	UG/KG	1
Benzo(a)Anthracene	330	UG/KG	U	NP		330	UG/KG	1
Chrysene	330	UG/KG	U	NP		330	UG/KG	1
bis(2-Ethylhexyl)phthalate	41	UG/KG	J	NP		330	UG/KG	1
di-N-Octyl Phthalate	330	UG/KG	U	NP		330	UG/KG	1
Benzo(b)Fluoranthene	330	UG/KG	U	NP		330	UG/KG	1
Benzo(k)Fluoranthene	330	UG/KG	U	NP		330	UG/KG	1
Benzo(a)Pyrene	330	UG/KG	U	NP		330	UG/KG	1
Indeno(1,2,3-CD)Pyrene	330	UG/KG	U	NP		330	UG/KG	1
Dibenzo(a,h)Anthracene	330	UG/KG	U	NP		330	UG/KG	1
Benzo(g,h,i)Perylene	330	UG/KG	U	NP		330	UG/KG	1
Undecane	740	UG/KG	J	NP			UG/KG	1
Unknown-1	650	UG/KG	J	NP			UG/KG	1
Dodecane	2300	UG/KG	J	NP			UG/KG	1
Unknown-2	1100	UG/KG	J	NP			UG/KG	1
Unknown-3	1300	UG/KG	J	NP			UG/KG	1
Unknown-4	2600	UG/KG	J	NP			UG/KG	1
Unknown-5	780	UG/KG	J	NP			UG/KG	1
Unknown-6	760	UG/KG	J	NP			UG/KG	1
Unknown-7	1400	UG/KG	J	NP			UG/KG	1
Unknown-8	1400	UG/KG	J	NP			UG/KG	1
Tetradecane	6300	UG/KG	J	NP			UG/KG	1
Unknown-9	2900	UG/KG	J	NP			UG/KG	1
Unknown-10	3300	UG/KG	J	NP			UG/KG	1
Unknown-11	1300	UG/KG	J	NP			UG/KG	1
Unknown-12	2900	UG/KG	J	NP			UG/KG	1
Unknown-13	1600	UG/KG	J	NP			UG/KG	1
Pentadecane	4400	UG/KG	J	NP			UG/KG	1
Unknown-14	1400	UG/KG	J	NP			UG/KG	1
Unknown-15	1000	UG/KG	J	NP			UG/KG	1
Unknown-16	1000	UG/KG	J	NP			UG/KG	1
Unknown-17	1000	UG/KG	J	NP			UG/KG	1
Heptadecane	3800	UG/KG	J	NP			UG/KG	1
Nitrobenzene-d5	75	%					%	1
2-Fluorobiphenyl	85	%					%	1
Terphenyl-d14	65	%					%	1
Phenol-d5	80	%					%	1
2-Fluorophenol	75	%					%	1
2, 4, 6-Tribromophenol	78	%					%	1

Appendix E
Results of Gross Alpha and Beta Analyses

Appendix E: Results of Gross Alpha and Beta Analyses, Salmon Site

SAMPLE		RESULT	UNITS	2 SIGMA	DATA	UNITS	MDA	UNITS
				ERROR (+/-)	VALID.			
TR1-ES-001	Alpha (total)	6.36	PCI/G	1.43	J	PCI/G	1.44	PCI/G
	Beta (total)	10.9	PCI/G	2.00	---	PCI/G	2.5	PCI/G
TR2-ES-355N-175E-5Z	Alpha (total)	5.54	PCI/G	1.52	J	PCI/G	1.85	PCI/G
	Beta (total)	15.6	PCI/G	2.40	---	PCI/G	2.7	PCI/G
TR2-ES-356N-175E-8Z	Alpha (total)	7.62	PCI/G	1.55	J	PCI/G	1.36	PCI/G
	Beta (total)	18.3	PCI/G	2.60	---	PCI/G	2.7	PCI/G
TR2A-ES-365N-200E-3.5Z	Alpha (total)	9.37	PCI/G	1.82	J	PCI/G	1.6	PCI/G
	Beta (total)	14.6	PCI/G	2.60	---	PCI/G	3.2	PCI/G
TR2A-ES-360N-200E-8Z	Alpha (total)	10.3	PCI/G	2.00	J	PCI/G	1.7	PCI/G
	Beta (total)	18.1	PCI/G	2.70	---	PCI/G	2.9	PCI/G
TR3-ES-450N-400E-3Z	Alpha (total)	6.77	PCI/G	1.52	J	PCI/G	1.63	PCI/G
	Beta (total)	13.4	PCI/G	2.20	---	PCI/G	2.5	PCI/G
TR3-ES-430N-400E-15Z	Alpha (total)	10.4	PCI/G	6.70	J	PCI/G	8.7	PCI/G
	Beta (total)	12.6	PCI/G	3.90	---	PCI/G	5.2	PCI/G
TR4-ES-260-490-8	Alpha (total)	11.8	PCI/G	2.00	J	PCI/G	1.7	PCI/G
	Beta (total)	26.2	PCI/G	3.30	---	PCI/G	2.6	PCI/G
TR5-ES-590-570-12	Alpha (total)	11.2	PCI/G	2.20	J	PCI/G	2	PCI/G
	Beta (total)	15.4	PCI/G	2.60	---	PCI/G	3	PCI/G
TR6-ES-495-585-12	Alpha (total)	16.8	PCI/G	3.4	NP	PCI/G	3.2	PCI/G
	Beta (total)	11.8	PCI/G	1.8	NP	PCI/G	2	PCI/G
TR6-ES-485-590-6	Alpha (total)	11.7	PCI/G	2.9	NP	PCI/G	3.1	PCI/G
	Beta (total)	7.21	PCI/G	1.53	NP	PCI/G	2.04	PCI/G
TR7-ES-558-650-5	Alpha (total)	11	PCI/G	2.20	J	PCI/G	2.1	PCI/G
	Beta (total)	17.8	PCI/G	2.70	---	PCI/G	3	PCI/G

Appendix E: Results of Gross Alpha and Beta Analyses, Salmon Site

SAMPLE		RESULT	UNITS	2 SIGMA	DATA	UNITS	MDA	UNITS
				ERROR (+/-)	VALID.			
TR7-ES-560-650-14	Alpha (total)	10.3	PCI/G	2.10	J	PCI/G	2.2	PCI/G
	Beta (total)	40.7	PCI/G	4.40	—	PCI/G	1.1	PCI/G
TR8-ES-780-600-3	Alpha (total)	8.21	PCI/G	1.78	J	PCI/G	1.79	PCI/G
	Beta (total)	13.6	PCI/G	2.30	—	PCI/G	2.7	PCI/G
TR8-ES-780-600-3-DUP	Alpha (total)	8	PCI/G	1.79	NP	PCI/G	1.86	PCI/G
	Beta (total)	14.1	PCI/G	2.40	NP	PCI/G	2.8	PCI/G
TR10-ES-180-790-15	Alpha (total)	2.43	PCI/G	0.93	J	PCI/G	1.22	PCI/G
	Beta (total)	5.69	PCI/G	1.61	—	PCI/G	2.37	PCI/G
TR10-ES-190-790-8	Alpha (total)	7.91	PCI/G	1.77	J	PCI/G	1.82	PCI/G
	Beta (total)	10.4	PCI/G	2.00	—	PCI/G	2.6	PCI/G
TR11-ES-180-930-3	Alpha (total)	14.2	PCI/G	3.7	NP	PCI/G	4.2	PCI/G
	Beta (total)	7.8	PCI/G	1.65	NP	PCI/G	2.16	PCI/G
TR13-ES-210-1110-6	Alpha (total)	4.57	PCI/G	2.32	NP	PCI/G	3.4	PCI/G
	Beta (total)	5.22	PCI/G	1.46	NP	PCI/G	2.13	PCI/G
TR13-ES-212-1150-6	Alpha (total)	11.1	PCI/G	2.8	NP	PCI/G	2.7	PCI/G
	Beta (total)	6.58	PCI/G	1.66	NP	PCI/G	2.36	PCI/G
TR14-ES-80-1189-5	Alpha (total)	15.2	PCI/G	3.6	NP	PCI/G	3.6	PCI/G
	Beta (total)	13.2	PCI/G	2.1	NP	PCI/G	2.2	PCI/G
TR14-ES-90-1200-3	Alpha (total)	5.7	PCI/G	2.46	NP	PCI/G	3.43	PCI/G
	Beta (total)	3.66	PCI/G	1.47	NP	PCI/G	2.31	PCI/G
TR-15-ES-20-1180-5	Alpha (total)	9.3	PCI/G	3.34	NP	PCI/G	4.56	PCI/G
	Beta (total)	6.15	PCI/G	1.81	NP	PCI/G	2.7	PCI/G

Appendix E: Results of Gross Alpha and Beta Analyses, Salmon Site

SAMPLE		RESULT	UNITS	2 SIGMA	DATA	UNITS	MDA	UNITS
				ERROR (+/-)	VALID.			
TR-15-ES-20-1180-.5DUP	Alpha (total)	10.4	PC/G	3.1	NP	PC/G	3.8	PC/G
	Beta (total)	8.83	PC/G	1.71	NP	PC/G	2.16	PC/G
TR16-ES-200-80-1.5	Alpha (total)	10.4	PC/G	4.4	NP	PC/G	6.5	PC/G
	Beta (total)	11.8	PC/G	2	NP	PC/G	2.4	PC/G
TR17-ES-30-120-5	Alpha (total)	10	PC/G	2.4	NP	PC/G	2.6	PC/G
	Beta (total)	10.5	PC/G	1.6	NP	PC/G	1.8	PC/G
TR17-ES-30-125-8	Alpha (total)	10.2	PC/G	2.6	NP	PC/G	3.1	PC/G
	Beta (total)	13.1	PC/G	1.8	NP	PC/G	1.8	PC/G
TR18-BS-90-150A-E	Alpha (total)	18.4	PC/G	3.3	NP	PC/G	2.6	PC/G
	Beta (total)	12.2	PC/G	1.8	NP	PC/G	2	PC/G
TR19-BS-0-150A-E	Alpha (total)	15.9	PC/G	3.1	NP	PC/G	2.9	PC/G
	Beta (total)	9.44	PC/G	1.66	NP	PC/G	2.04	PC/G

Appendix F
Results of Gamma Spectroscopy Analyses

Appendix F: Results of Gamma Spectroscopy Analyses, Salmon Site

SAMPLE	COMPOUND	RESULTS	UNITS	DATA	2 SIGMA		MDA	UNITS
				VALID.	ERROR (+/-)	UNITS		
TR1-ES-001	Lead 212	0.36	PCI/G	--	0.09	PCI/G	0.15	PCI/G
	Radium-226	0.42	PCI/G	---	0.08	PCI/G	0.17	PCI/G
TR2-ES-355N-175E-5Z	Potassium 40	3.49	PCI/G	--	1.00	PCI/G	1.75	PCI/G
	Lead 212	0.45	PCI/G	--	0.12	PCI/G	0.20	PCI/G
	Radium-226	0.54	PCI/G	--	0.14	PCI/G	0.29	PCI/G
TR2-ES-356N-175E-8Z	Cesium 137	0.34	PCI/G	---	0.08	PCI/G	0.11	PCI/G
	Thallium 208	0.14	PCI/G	--	0.06	PCI/G	0.13	PCI/G
	Lead 210	1.39	PCI/G	---	1.05	PCI/G	1.24	PCI/G
	Lead 212	0.43	PCI/G	--	0.07	PCI/G	0.16	PCI/G
TR2A-ES-365N-200E-3.5Z	Cesium 137	0.36	PCI/G	--	0.08	PCI/G	0.11	PCI/G
	Lead 212	0.51	PCI/G	---	0.07	PCI/G	0.20	PCI/G
	Radium-226	0.75	PCI/G	--	0.10	PCI/G	0.22	PCI/G
TR2A-ES-360N-200E-8Z	Lead 212	0.59	PCI/G	--	0.08	PCI/G	0.18	PCI/G
	Bismuth 214	0.24	PCI/G	--	0.18	PCI/G	0.22	PCI/G
	Radium-226	0.66	PCI/G	--	0.10	PCI/G	0.20	PCI/G
TR3-ES-450N-400E-3Z	Thallium 208	0.25	PCI/G	--	0.04	PCI/G	0.14	PCI/G
	Radium-226	0.44	PCI/G	---	0.13	PCI/G	0.30	PCI/G
TR3-ES-430N-400E-15Z	Thallium 208	0.25	PCI/G	---	0.08	PCI/G	0.12	PCI/G
	Lead 212	0.59	PCI/G	--	0.09	PCI/G	0.16	PCI/G
	Radium-226	0.36	PCI/G	---	0.05	PCI/G	0.25	PCI/G
TR4-ES-260-490-8	Potassium 40	6.27	PCI/G	---	1.32	PCI/G	2.74	PCI/G
	Thallium 208	0.39	PCI/G	---	0.07	PCI/G	0.08	PCI/G
	Lead 210	2.65	PCI/G	---	1.25	PCI/G	1.49	PCI/G
	Lead 212	1.39	PCI/G	---	0.15	PCI/G	0.16	PCI/G
	Radium-226	1.38	PCI/G	---	0.13	PCI/G	0.26	PCI/G
	Thorium 234	2.26	PCI/G	---	0.79	PCI/G	1.34	PCI/G
TR5-ES-590-570-12	Thallium 208	0.31	PCI/G	--	0.08	PCI/G	0.16	PCI/G
	Lead 212	0.53	PCI/G	---	0.12	PCI/G	0.24	PCI/G

Appendix F: Results of Gamma Spectroscopy Analyses, Salmon Site

SAMPLE	COMPOUND	RESULTS	UNITS	DATA	2 SIGMA		MDA	UNITS
				VALID.	ERROR (+/-)	UNITS		
TR6-ES-495-585-12	Thallium 208	0.44	PCI/G	NP	0.05	PCI/G	0.11	PCI/G
	Lead 212	1.11	PCI/G	NP	0.10	PCI/G	0.17	PCI/G
	Radium-226	0.60	PCI/G	NP	0.06	PCI/G	0.19	PCI/G
	Radium-228	1.28	PCI/G	NP	0.19	PCI/G	0.37	PCI/G
TR6-ES-485-590-6	Lead 212	0.46	PCI/G	NP	0.12	PCI/G	0.22	PCI/G
TR7-ES-558-650-5	Thallium 208	0.34	PCI/G	—	0.09	PCI/G	0.14	PCI/G
	Lead 212	0.95	PCI/G	—	0.13	PCI/G	0.15	PCI/G
	Radium-226	0.67	PCI/G	—	0.11	PCI/G	0.20	PCI/G
TR7-ES-560-650-14	Potassium 40	3.32	PCI/G	—	0.85	PCI/G	2.20	PCI/G
	Thallium 208	0.32	PCI/G	—	0.07	PCI/G	0.14	PCI/G
	Lead 212	1.19	PCI/G	—	0.11	PCI/G	0.20	PCI/G
	Radium-226	0.68	PCI/G	—	0.11	PCI/G	0.20	PCI/G
TR8-ES-780-600-3	Lead 212	0.40	PCI/G	—	0.14	PCI/G	0.18	PCI/G
TR8-ES-780-600-3-DUP	Lead 212	0.56	PCI/G	NP	0.07	PCI/G	0.18	PCI/G
	Radium-226	0.59	PCI/G	NP	0.11	PCI/G	0.22	PCI/G
TR10-ES-180-790-15	Lead 212	0.26	PCI/G	—	0.09	PCI/G	0.17	PCI/G
TR10-ES-190-790-8	Thallium 208	0.22	PCI/G	—	0.08	PCI/G	0.12	PCI/G
	Lead 212	0.61	PCI/G	—	0.09	PCI/G	0.13	PCI/G
TR11-ES-180-930-3	Thallium 208	0.17	PCI/G	NP	0.08	PCI/G	0.10	PCI/G
	Lead 212	0.36	PCI/G	NP	0.08	PCI/G	0.18	PCI/G
TR13-ES-210-1110-6	Lead 212	0.59	PCI/G	NP	0.12	PCI/G	0.18	PCI/G
TR13-ES-212-1150-6	Lead 212	0.52	PCI/G	NP	0.14	PCI/G	0.23	PCI/G
TR14-ES-80-1189-5	Cerium 141	0.17	PCI/G	NP	0.07	PCI/G	0.07	PCI/G
	Thallium 208	0.13	PCI/G	NP	0.08	PCI/G	0.11	PCI/G
	Lead 212	0.48	PCI/G	NP	0.08	PCI/G	0.14	PCI/G
	Uranium 235	0.41	PCI/G	NP	0.18	PCI/G	0.33	PCI/G
TR14-ES-90-1200-3	Thallium 208	0.22	PCI/G	NP	0.10	PCI/G	0.14	PCI/G
	Lead 212	0.56	PCI/G	NP	0.12	PCI/G	0.18	PCI/G

Appendix F: Results of Gamma Spectroscopy Analyses, Salmon Site

SAMPLE	COMPOUND	RESULTS	UNITS	DATA	2 SIGMA		MDA	UNITS
				VALID.	ERROR (+/-)			
TR-15-ES-20-1180-.5	Thallium 208	0.32	PCI/G	NP	0.07	PCI/G	0.12	PCI/G
	Lead 212	0.82	PCI/G	NP	0.08	PCI/G	0.19	PCI/G
	Radium-226	0.50	PCI/G	NP	0.07	PCI/G	0.21	PCI/G
TR-15-ES-20-1180-.5DUP	Lead 212	0.51	PCI/G	NP	0.15	PCI/G	0.19	PCI/G
TR16-ES-200-80-1.5	Lead 212	0.80	PCI/G	NP	0.05	PCI/G	0.15	PCI/G
TR17-ES-30-120-5	Thallium 208	0.26	PCI/G	NP	0.08	PCI/G	0.18	PCI/G
	Lead 212	0.56	PCI/G	NP	0.16	PCI/G	0.23	PCI/G
	Radium-226	0.37	PCI/G	NP	0.13	PCI/G	0.37	PCI/G
TR17-ES-30-125-8	Potassium 40	4.54	PCI/G	NP	0.80	PCI/G	2.46	PCI/G
	Thallium 208	0.34	PCI/G	NP	0.06	PCI/G	0.14	PCI/G
	Lead 212	1.14	PCI/G	NP	0.15	PCI/G	0.17	PCI/G
	Radium-226	0.48	PCI/G	NP	0.09	PCI/G	0.24	PCI/G
	Thorium 234	1.59	PCI/G	NP	0.46	PCI/G	1.24	PCI/G
TR18-BS-90-150A-E	Potassium 40	5.45	PCI/G	NP	1.59	PCI/G	3.21	PCI/G
	Thallium 208	0.27	PCI/G	NP	0.07	PCI/G	0.14	PCI/G
	Lead 210	1.34	PCI/G	NP	0.57	PCI/G	1.31	PCI/G
	Lead 212	0.70	PCI/G	NP	0.09	PCI/G	0.19	PCI/G
	Radium-226	0.61	PCI/G	NP	0.11	PCI/G	0.22	PCI/G
TR19-BS-0-150A-E	Lead 212	0.66	PCI/G	NP	0.09	PCI/G	0.17	PCI/G
	Radium-226	0.58	PCI/G	NP	0.11	PCI/G	0.19	PCI/G

NOTE: NON-DETECTS NOT REPORTED

Appendix G
Results of Metals and Cyanide Analyses

Appendix G: Results of Metals and Cyanide Analyses, Salmon Site

SAMPLE	COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	CRDL	UNITS	DILUTION
TR1-ES-001	Arsenic	0.98	MG/KG	B	J	2	MG/KG	1
	Cyanide	0.06	MG/KG	B	J	0.5	MG/KG	1
	Mercury	0.48	MG/KG		—	0.1	MG/KG	1
	Aluminum	814	MG/KG		—	40	MG/KG	1
	Antimony	7	MG/KG	U	UJ	12	MG/KG	1
	Barium	13.8	MG/KG	B	J	40	MG/KG	1
	Beryllium	0.48	MG/KG	U	—	1	MG/KG	1
	Cadmium	0.72	MG/KG	B	J	1	MG/KG	1
	Calcium	386	MG/KG	B	J	1000	MG/KG	1
	Chromium	5.1	MG/KG		—	2	MG/KG	1
	Cobalt	1.5	MG/KG	B	J	10	MG/KG	1
	Copper	77.2	MG/KG		—	5	MG/KG	1
	Iron	1910	MG/KG		—	20	MG/KG	1
	Magnesium	54.4	MG/KG	B	J	1000	MG/KG	1
	Manganese	67.3	MG/KG		—	3	MG/KG	1
	Nickel	6	MG/KG	B	J	8	MG/KG	1
	Potassium	434	MG/KG	U	—	1000	MG/KG	1
	Silver	1.4	MG/KG	B	J	2	MG/KG	1
	Sodium	54.7	MG/KG	B	J	1000	MG/KG	1
	Vanadium	4.9	MG/KG	B	U	10	MG/KG	1
	Zinc	490	MG/KG		—	4	MG/KG	1
	Lead	5.2	MG/KG		—	0.6	MG/KG	1
	Selenium	0.22	MG/KG	U	UJ	1	MG/KG	1
	Thallium	0.2	MG/KG	U	—	2	MG/KG	1

Appendix G: Results of Metals and Cyanide Analyses, Salmon Site

SAMPLE	COMPOUND	RESULTS	UNITS	DATA	DATA	CRDL	UNITS	DILUTION
				QUAL	VALID.			
TR2-ES-355N-175E-5Z	Arsenic	3.3	MG/KG		J	2	MG/KG	1
	Cyanide	0.05	MG/KG	U	—	0.5	MG/KG	1
	Mercury	6.5	MG/KG		—	0.1	MG/KG	1
	Aluminum	4800	MG/KG		—	40	MG/KG	1
	Antimony	7	MG/KG	U	UJ	12	MG/KG	1
	Barium	63.7	MG/KG		—	40	MG/KG	1
	Beryllium	0.48	MG/KG	U	—	1	MG/KG	1
	Cadmium	4	MG/KG		—	1	MG/KG	1
	Calcium	1390	MG/KG		—	1000	MG/KG	1
	Chromium	12.2	MG/KG		—	2	MG/KG	1
	Cobalt	1.8	MG/KG	B	J	10	MG/KG	1
	Copper	72.3	MG/KG		—	5	MG/KG	1
	Iron	11700	MG/KG		—	20	MG/KG	1
	Magnesium	283	MG/KG	B	J	1000	MG/KG	1
	Manganese	386	MG/KG		—	3	MG/KG	1
	Nickel	23.6	MG/KG		—	8	MG/KG	1
	Potassium	434	MG/KG	U	—	1000	MG/KG	1
	Silver	63.8	MG/KG		—	2	MG/KG	1
	Sodium	127	MG/KG	B	J	1000	MG/KG	1
	Vanadium	11.9	MG/KG		—	10	MG/KG	1
	Zinc	519	MG/KG		—	4	MG/KG	1
	Lead	28.5	MG/KG		—	6	MG/KG	10
	Selenium	0.22	MG/KG	U	UJ	1	MG/KG	1
	Thallium	0.2	MG/KG	U	—	2	MG/KG	1

Appendix G: Results of Metals and Cyanide Analyses, Salmon Site

SAMPLE	COMPOUND	RESULTS	UNITS	DATA	DATA	CRDL	UNITS	DILUTION
				QUAL	VALID.			
TR2-ES-356N-175E-8Z	Arsenic	6.1	MG/KG		J	2	MG/KG	1
	Cyanide	0.05	MG/KG	U	--	0.49	MG/KG	1
	Mercury	5.4	MG/KG		--	0.1	MG/KG	1
	Aluminum	8250	MG/KG		--	40	MG/KG	1
	Antimony	11.7	MG/KG	B	J	12	MG/KG	1
	Barium	177	MG/KG		--	40	MG/KG	1
	Beryllium	0.48	MG/KG	U	--	1	MG/KG	1
	Cadmium	10.5	MG/KG		--	1	MG/KG	1
	Calcium	3770	MG/KG		--	1000	MG/KG	1
	Chromium	22	MG/KG		--	2	MG/KG	1
	Cobalt	57.8	MG/KG		--	10	MG/KG	1
	Copper	1590	MG/KG		--	5	MG/KG	1
	Iron	19300	MG/KG		--	20	MG/KG	1
	Magnesium	499	MG/KG	B	J	1000	MG/KG	1
	Manganese	3460	MG/KG		--	3	MG/KG	1
	Nickel	19.4	MG/KG		--	8	MG/KG	1
	Potassium	434	MG/KG	U	--	1000	MG/KG	1
	Silver	54.5	MG/KG		--	2	MG/KG	1
	Sodium	151	MG/KG	B	J	1000	MG/KG	1
	Vanadium	15.7	MG/KG		--	10	MG/KG	1
	Zinc	2710	MG/KG		--	4	MG/KG	1
	Lead	133	MG/KG		--	30	MG/KG	50
	Selenium	0.22	MG/KG	U	UJ	1	MG/KG	1
	Thallium	0.2	MG/KG	U	--	2	MG/KG	1

Appendix G: Results of Metals and Cyanide Analyses, Salmon Site

SAMPLE	COMPOUND	RESULTS	UNITS	DATA		CRDL	UNITS	DILUTION
				QUAL	VALID.			
TR2A-ES-365N-200E-3.5Z	Arsenic	2.9	MG/KG		J	2	MG/KG	1
	Cyanide	0.05	MG/KG	B	J	0.49	MG/KG	1
	Mercury	0.4	MG/KG		--	0.1	MG/KG	1
	Aluminum	5720	MG/KG		--	40	MG/KG	1
	Antimony	7	MG/KG	U	UU	12	MG/KG	1
	Barium	197	MG/KG		--	40	MG/KG	1
	Beryllium	0.48	MG/KG	U	--	1	MG/KG	1
	Cadmium	2	MG/KG		--	1	MG/KG	1
	Calcium	7310	MG/KG		--	1000	MG/KG	1
	Chromium	179	MG/KG		--	2	MG/KG	1
	Cobalt	2.6	MG/KG	B	J	10	MG/KG	1
	Copper	83.9	MG/KG		--	5	MG/KG	1
	Iron	9330	MG/KG		--	20	MG/KG	1
	Magnesium	404	MG/KG	B	J	1000	MG/KG	1
	Manganese	143	MG/KG		--	3	MG/KG	1
	Nickel	8	MG/KG	B	J	8	MG/KG	1
	Potassium	434	MG/KG	U	--	1000	MG/KG	1
	Silver	1.7	MG/KG	B	J	2	MG/KG	1
	Sodium	206	MG/KG	B	J	1000	MG/KG	1
	Vanadium	14.8	MG/KG		--	10	MG/KG	1
	Zinc	333	MG/KG		--	4	MG/KG	1
	Lead	199	MG/KG		--	30	MG/KG	50
	Selenium	0.22	MG/KG	U	UU	1	MG/KG	1
	Thallium	0.2	MG/KG	U	--	2	MG/KG	1

Appendix G: Results of Metals and Cyanide Analyses, Salmon Site

SAMPLE	COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	CRDL	UNITS	DILUTION
TR2A-ES-360N-200E-8Z	Arsenic	2.3	MG/KG		J	2	MG/KG	1
	Cyanide	0.05	MG/KG	U	—	0.5	MG/KG	1
	Mercury	0.16	MG/KG		—	0.1	MG/KG	1
	Aluminum	3840	MG/KG		—	40	MG/KG	1
	Antimony	7	MG/KG	U	UJ	12	MG/KG	1
	Barium	16.2	MG/KG	B	J	40	MG/KG	1
	Beryllium	0.48	MG/KG	U	—	1	MG/KG	1
	Cadmium	0.76	MG/KG	B	J	1	MG/KG	1
	Calcium	515	MG/KG	B	J	1000	MG/KG	1
	Chromium	6.3	MG/KG		—	2	MG/KG	1
	Cobalt	1.1	MG/KG	U	—	10	MG/KG	1
	Copper	34.5	MG/KG		—	5	MG/KG	1
	Iron	3950	MG/KG		—	20	MG/KG	1
	Magnesium	149	MG/KG	B	J	1000	MG/KG	1
	Manganese	26.5	MG/KG		—	3	MG/KG	1
	Nickel	4.9	MG/KG	B	J	8	MG/KG	1
	Potassium	434	MG/KG	U	—	1000	MG/KG	1
	Silver	1.3	MG/KG	B	J	2	MG/KG	1
	Sodium	42.2	MG/KG	B	U	1000	MG/KG	1
	Vanadium	10.3	MG/KG		—	10	MG/KG	1
	Zinc	55	MG/KG		—	4	MG/KG	1
	Lead	21.5	MG/KG		—	2.4	MG/KG	4
	Selenium	0.22	MG/KG	U	UJ	1	MG/KG	1
	Thallium	0.2	MG/KG	U	—	2	MG/KG	1

Appendix G: Results of Metals and Cyanide Analyses, Salmon Site

SAMPLE	COMPOUND	RESULTS	UNITS	DATA	DATA	CRDL	UNITS	DILUTION
				QUAL	VALID.			
TR3-ES-450N-400E-3Z	Arsenic	2.3	MG/KG		J	2	MG/KG	1
	Cyanide	0.05	MG/KG	U	—	0.48	MG/KG	1
	Mercury	0.05	MG/KG	U	—	0.1	MG/KG	1
	Aluminum	6400	MG/KG		—	40	MG/KG	1
	Antimony	7	MG/KG	U	UU	12	MG/KG	1
	Barium	30.7	MG/KG	B	J	40	MG/KG	1
	Beryllium	0.48	MG/KG	U	—	1	MG/KG	1
	Cadmium	0.58	MG/KG	U	—	1	MG/KG	1
	Calcium	1940	MG/KG		—	1000	MG/KG	1
	Chromium	40.6	MG/KG		—	2	MG/KG	1
	Cobalt	1.4	MG/KG	B	J	10	MG/KG	1
	Copper	4.3	MG/KG	B	U	5	MG/KG	1
	Iron	6810	MG/KG		—	20	MG/KG	1
	Magnesium	323	MG/KG	B	J	1000	MG/KG	1
	Manganese	28.3	MG/KG		—	3	MG/KG	1
	Nickel	4.7	MG/KG	B	J	8	MG/KG	1
	Potassium	434	MG/KG	U	—	1000	MG/KG	1
	Silver	0.82	MG/KG	U	—	2	MG/KG	1
	Sodium	595	MG/KG	B	J	1000	MG/KG	1
	Vanadium	14.8	MG/KG		—	10	MG/KG	1
	Zinc	16.1	MG/KG		—	4	MG/KG	1
	Lead	4	MG/KG		—	0.6	MG/KG	1
	Selenium	0.22	MG/KG	U	UU	1	MG/KG	1
	Thallium	0.2	MG/KG	U	—	2	MG/KG	1

Appendix G: Results of Metals and Cyanide Analyses, Salmon Site

SAMPLE	COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	CRDL	UNITS	DILUTION
TR3-ES-430N-400E-15Z	Arsenic	2.2	MG/KG		J	2	MG/KG	1
	Cyanide	0.05	MG/KG	U	—	0.48	MG/KG	1
	Mercury	0.05	MG/KG	U	—	0.1	MG/KG	1
	Aluminum	5030	MG/KG		—	40	MG/KG	1
	Antimony	7	MG/KG	U	UJ	12	MG/KG	1
	Barium	19.3	MG/KG	B	J	40	MG/KG	1
	Beryllium	0.48	MG/KG	U	—	1	MG/KG	1
	Cadmium	0.58	MG/KG	U	—	1	MG/KG	1
	Calcium	851	MG/KG	B	J	1000	MG/KG	1
	Chromium	9.8	MG/KG		—	2	MG/KG	1
	Cobalt	1.1	MG/KG	U	—	10	MG/KG	1
	Copper	3.5	MG/KG	B	U	5	MG/KG	1
	Iron	6180	MG/KG		—	20	MG/KG	1
	Magnesium	215	MG/KG	B	J	1000	MG/KG	1
	Manganese	24.8	MG/KG		—	3	MG/KG	1
	Nickel	3.6	MG/KG	U	—	8	MG/KG	1
	Potassium	434	MG/KG	U	—	1000	MG/KG	1
	Silver	0.82	MG/KG	U	—	2	MG/KG	1
	Sodium	129	MG/KG	B	J	1000	MG/KG	1
	Vanadium	11.6	MG/KG		—	10	MG/KG	1
	Zinc	12.8	MG/KG		—	4	MG/KG	1
	Lead	4	MG/KG		—	0.6	MG/KG	1
	Selenium	0.22	MG/KG	U	UJ	1	MG/KG	1
	Thallium	0.2	MG/KG	U	—	2	MG/KG	1

Appendix G: Results of Metals and Cyanide Analyses, Salmon Site

SAMPLE	COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	CRDL	UNITS	DILUTION
TR4-ES-260-490-8	Arsenic	1.9	MG/KG	B	J	2	MG/KG	1
	Cyanide	0.05	MG/KG	U	—	0.49	MG/KG	1
	Mercury	0.05	MG/KG	U	—	0.1	MG/KG	1
	Aluminum	8800	MG/KG		—	40	MG/KG	1
	Antimony	7	MG/KG	U	UJ	12	MG/KG	1
	Barium	75.3	MG/KG		—	40	MG/KG	1
	Beryllium	0.54	MG/KG	B	J	1	MG/KG	1
	Cadmium	0.66	MG/KG	B	J	1	MG/KG	1
	Calcium	1170	MG/KG		—	1000	MG/KG	1
	Chromium	24	MG/KG		—	2	MG/KG	1
	Cobalt	4	MG/KG	B	J	10	MG/KG	1
	Copper	5.6	MG/KG		U	5	MG/KG	1
	Iron	13000	MG/KG		—	20	MG/KG	1
	Magnesium	881	MG/KG	B	J	1000	MG/KG	1
	Manganese	67.1	MG/KG		—	3	MG/KG	1
	Nickel	7.2	MG/KG	B	J	8	MG/KG	1
	Potassium	697	MG/KG	B	J	1000	MG/KG	1
	Silver	0.82	MG/KG	U	—	2	MG/KG	1
	Sodium	315	MG/KG	B	J	1000	MG/KG	1
	Vanadium	18.8	MG/KG		—	10	MG/KG	1
	Zinc	17.9	MG/KG		—	4	MG/KG	1
	Lead	4.8	MG/KG		—	0.6	MG/KG	1
	Selenium	0.22	MG/KG	U	UJ	1	MG/KG	1
	Thallium	0.2	MG/KG	U	—	2	MG/KG	1

Appendix G: Results of Metals and Cyanide Analyses, Salmon Site

SAMPLE	COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	CRDL	UNITS	DILUTION
TR5-ES-590-570-12	Arsenic	2.1	MG/KG		J	2	MG/KG	1
	Cyanide	0.05	MG/KG	U	--	0.49	MG/KG	1
	Mercury	0.05	MG/KG	U	--	0.1	MG/KG	1
	Aluminum	8570	MG/KG		--	40	MG/KG	1
	Antimony	7	MG/KG	U	J	12	MG/KG	1
	Barium	36.7	MG/KG	B	J	40	MG/KG	1
	Beryllium	0.48	MG/KG	U	--	1	MG/KG	1
	Cadmium	0.58	MG/KG	U	--	1	MG/KG	1
	Calcium	567	MG/KG	B	J	1000	MG/KG	1
	Chromium	8.4	MG/KG		--	2	MG/KG	1
	Cobalt	1.7	MG/KG	B	J	10	MG/KG	1
	Copper	5	MG/KG	B	U	5	MG/KG	1
	Iron	7600	MG/KG		--	20	MG/KG	1
	Magnesium	328	MG/KG	B	J	1000	MG/KG	1
	Manganese	47.6	MG/KG		--	3	MG/KG	1
	Nickel	5.6	MG/KG	B	J	8	MG/KG	1
	Potassium	434	MG/KG	U	--	1000	MG/KG	1
	Silver	0.82	MG/KG	U	--	2	MG/KG	1
	Sodium	481	MG/KG	B	J	1000	MG/KG	1
	Vanadium	18.2	MG/KG		--	10	MG/KG	1
	Zinc	10.1	MG/KG		--	4	MG/KG	1
	Lead	4.8	MG/KG		--	0.6	MG/KG	1
	Selenium	0.22	MG/KG	U	UU	1	MG/KG	1
	Thallium	0.2	MG/KG	U	--	2	MG/KG	1

Appendix G: Results of Metals and Cyanide Analyses, Salmon Site

SAMPLE	COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	CRDL	UNITS	DILUTION
TR6-ES-495-585-12	Arsenic	1.9	MG/KG	B	NP	2	MG/KG	1
	Cyanide	0.05	MG/KG	U	NP	0.5	MG/KG	1
	Mercury	0.05	MG/KG	U	NP	0.1	MG/KG	1
	Aluminum	10200	MG/KG		NP	40	MG/KG	1
	Antimony	4.5	MG/KG	U	NP	12	MG/KG	1
	Barium	24.6	MG/KG	B	NP	40	MG/KG	1
	Beryllium	0.35	MG/KG	B	NP	1	MG/KG	1
	Cadmium	0.7	MG/KG	B	NP	1	MG/KG	1
	Calcium	7510	MG/KG		NP	1000	MG/KG	1
	Chromium	52.9	MG/KG		NP	2	MG/KG	1
	Cobalt	1.1	MG/KG	U	NP	10	MG/KG	1
	Copper	6.5	MG/KG		NP	5	MG/KG	1
	Iron	11200	MG/KG		NP	20	MG/KG	1
	Magnesium	227	MG/KG	B	NP	1000	MG/KG	1
	Manganese	37.8	MG/KG		NP	3	MG/KG	1
	Nickel	5.2	MG/KG	B	NP	8	MG/KG	1
	Potassium	316	MG/KG	B	NP	1000	MG/KG	1
	Silver	0.82	MG/KG	U	NP	2	MG/KG	1
	Sodium	198	MG/KG	B	NP	1000	MG/KG	1
	Vanadium	27.3	MG/KG		NP	10	MG/KG	1
	Zinc	9.1	MG/KG		NP	4	MG/KG	1
	Lead	7.9	MG/KG		NP	1.2	MG/KG	2
	Selenium	0.4	MG/KG	B	NP	1	MG/KG	1
	Thallium	0.18	MG/KG	U	NP	2	MG/KG	1

Appendix G: Results of Metals and Cyanide Analyses, Salmon Site

SAMPLE	COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	CRDL	UNITS	DILUTION
TR6-ES-485-590-6	Arsenic	1.3	MG/KG	B	NP	2	MG/KG	1
	Cyanide	0.05	MG/KG	U	NP	0.49	MG/KG	1
	Mercury	0.05	MG/KG	U	NP	0.1	MG/KG	1
	Aluminum	5030	MG/KG		NP	40	MG/KG	1
	Antimony	4.5	MG/KG	U	NP	12	MG/KG	1
	Barium	43.1	MG/KG		NP	40	MG/KG	1
	Beryllium	0.34	MG/KG	U	NP	1	MG/KG	1
	Cadmium	0.58	MG/KG	U	NP	1	MG/KG	1
	Calcium	900	MG/KG	B	NP	1000	MG/KG	1
	Chromium	28.2	MG/KG		NP	2	MG/KG	1
	Cobalt	4.5	MG/KG	B	NP	10	MG/KG	1
	Copper	3.7	MG/KG	B	NP	5	MG/KG	1
	Iron	4960	MG/KG		NP	20	MG/KG	1
	Magnesium	172	MG/KG	B	NP	1000	MG/KG	1
	Manganese	118	MG/KG		NP	3	MG/KG	1
	Nickel	4.4	MG/KG	B	NP	8	MG/KG	1
	Potassium	185	MG/KG	B	NP	1000	MG/KG	1
	Silver	0.82	MG/KG	U	NP	2	MG/KG	1
	Sodium	69.1	MG/KG	B	NP	1000	MG/KG	1
	Vanadium	9.8	MG/KG	B	NP	10	MG/KG	1
	Zinc	11.1	MG/KG		NP	4	MG/KG	1
	Lead	4.1	MG/KG		NP	0.6	MG/KG	1
	Selenium	0.22	MG/KG	U	NP	1	MG/KG	1
	Thallium	0.18	MG/KG	U	NP	2	MG/KG	1

Appendix G: Results of Metals and Cyanide Analyses, Salmon Site

SAMPLE	COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	CRDL	UNITS	DILUTION
TR7-ES-560-650-14	Arsenic	3	MG/KG		J	2	MG/KG	1
	Cyanide	0.05	MG/KG	U	—	0.49	MG/KG	1
	Mercury	0.07	MG/KG	B	J	0.1	MG/KG	1
	Aluminum	6470	MG/KG		—	40	MG/KG	1
	Antimony	7	MG/KG	U	UJ	12	MG/KG	1
	Barium	29.8	MG/KG	B	J	40	MG/KG	1
	Beryllium	0.48	MG/KG	U	—	1	MG/KG	1
	Cadmium	0.58	MG/KG	U	—	1	MG/KG	1
	Calcium	3460	MG/KG		—	1000	MG/KG	1
	Chromium	26.4	MG/KG		—	2	MG/KG	1
	Cobalt	2	MG/KG	B	J	10	MG/KG	1
	Copper	5	MG/KG		—	5	MG/KG	1
	Iron	10800	MG/KG		—	20	MG/KG	1
	Magnesium	464	MG/KG	B	J	1000	MG/KG	1
	Manganese	53.9	MG/KG		—	3	MG/KG	1
	Nickel	5.2	MG/KG	B	J	8	MG/KG	1
	Potassium	440	MG/KG	B	J	1000	MG/KG	1
	Silver	0.82	MG/KG	U	—	2	MG/KG	1
	Sodium	1210	MG/KG		—	1000	MG/KG	1
	Vanadium	22.4	MG/KG		—	10	MG/KG	1
	Zinc	12.9	MG/KG		—	4	MG/KG	1
	Lead	7.3	MG/KG		—	1.2	MG/KG	2
	Selenium	0.22	MG/KG	U	UJ	1	MG/KG	1
	Thallium	0.2	MG/KG	U	—	2	MG/KG	1

Appendix G: Results of Metals and Cyanide Analyses, Salmon Site

SAMPLE	COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	CRDL	UNITS	DILUTION
TR7-ES-558-650-5	Arsenic	3.6	MG/KG		J	2	MG/KG	1
	Cyanide	0.05	MG/KG	U	—	0.49	MG/KG	1
	Mercury	0.05	MG/KG	U	—	0.1	MG/KG	1
	Aluminum	10600	MG/KG		—	40	MG/KG	1
	Antimony	7	MG/KG	U	UJ	12	MG/KG	1
	Barium	30.8	MG/KG	B	J	40	MG/KG	1
	Beryllium	0.48	MG/KG	U	—	1	MG/KG	1
	Cadmium	0.58	MG/KG	U	—	1	MG/KG	1
	Calcium	554	MG/KG	B	J	1000	MG/KG	1
	Chromium	10.4	MG/KG		—	2	MG/KG	1
	Cobalt	1.3	MG/KG	B	J	10	MG/KG	1
	Copper	5.1	MG/KG		U	5	MG/KG	1
	Iron	12200	MG/KG		—	20	MG/KG	1
	Magnesium	324	MG/KG	B	J	1000	MG/KG	1
	Manganese	101	MG/KG		—	3	MG/KG	1
	Nickel	5.9	MG/KG	B	J	8	MG/KG	1
	Potassium	434	MG/KG	U	—	1000	MG/KG	1
	Silver	0.82	MG/KG	U	—	2	MG/KG	1
	Sodium	394	MG/KG	B	J	1000	MG/KG	1
	Vanadium	26.8	MG/KG		—	10	MG/KG	1
	Zinc	9.5	MG/KG		—	4	MG/KG	1
	Lead	7	MG/KG		—	1.2	MG/KG	2
	Selenium	0.22	MG/KG	U	UJ	1	MG/KG	1
	Thallium	0.2	MG/KG	U	—	2	MG/KG	1

Appendix G: Results of Metals and Cyanide Analyses, Salmon Site

SAMPLE	COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	CRDL	UNITS	DILUTION
TR8-ES-780-600-3	Arsenic	3.1	MG/KG		J	2	MG/KG	1
	Cyanide	0.05	MG/KG	U	—	0.5	MG/KG	1
	Mercury	0.05	MG/KG	U	—	0.1	MG/KG	1
	Aluminum	8670	MG/KG		—	40	MG/KG	1
	Antimony	7	MG/KG	U	UJ	12	MG/KG	1
	Barium	18.5	MG/KG	B	J	40	MG/KG	1
	Beryllium	0.48	MG/KG	U	—	1	MG/KG	1
	Cadmium	0.58	MG/KG	U	—	1	MG/KG	1
	Calcium	159	MG/KG	B	—	1000	MG/KG	1
	Chromium	10.4	MG/KG		—	2	MG/KG	1
	Cobalt	1.6	MG/KG	B	J	10	MG/KG	1
	Copper	4.2	MG/KG	B	U	5	MG/KG	1
	Iron	9250	MG/KG		—	20	MG/KG	1
	Magnesium	272	MG/KG	B	J	1000	MG/KG	1
	Manganese	13.9	MG/KG		—	3	MG/KG	1
	Nickel	4.6	MG/KG	B	J	8	MG/KG	1
	Potassium	434	MG/KG	U	—	1000	MG/KG	1
	Silver	0.82	MG/KG	U	—	2	MG/KG	1
	Sodium	36.5	MG/KG	B	U	1000	MG/KG	1
	Vanadium	20.5	MG/KG		—	10	MG/KG	1
	Zinc	7.6	MG/KG		—	4	MG/KG	1
	Lead	4.3	MG/KG		—	0.6	MG/KG	1
	Selenium	0.26	MG/KG	B	J	1	MG/KG	1
	Thallium	0.2	MG/KG	U	—	2	MG/KG	1

Appendix G: Results of Metals and Cyanide Analyses, Salmon Site

SAMPLE	COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	CRDL	UNITS	DILUTION
TR8-ES-780-600-3-DUP	Arsenic	3.3	MG/KG		NP	2	MG/KG	1
	Cyanide	0.05	MG/KG	U	NP	0.49	MG/KG	1
	Mercury	0.05	MG/KG	U	NP	0.1	MG/KG	1
	Aluminum	10400	MG/KG		NP	40	MG/KG	1
	Antimony	7	MG/KG	U	NP	12	MG/KG	1
	Barium	19.9	MG/KG	B	NP	40	MG/KG	1
	Beryllium	0.48	MG/KG	U	NP	1	MG/KG	1
	Cadmium	0.65	MG/KG	B	NP	1	MG/KG	1
	Calcium	149	MG/KG	B	NP	1000	MG/KG	1
	Chromium	11.7	MG/KG		NP	2	MG/KG	1
	Cobalt	1.7	MG/KG	B	NP	10	MG/KG	1
	Copper	4.7	MG/KG	B	NP	5	MG/KG	1
	Iron	9250	MG/KG		NP	20	MG/KG	1
	Magnesium	345	MG/KG	B	NP	1000	MG/KG	1
	Manganese	16.4	MG/KG		NP	3	MG/KG	1
	Nickel	6.7	MG/KG	B	NP	8	MG/KG	1
	Potassium	434	MG/KG	U	NP	1000	MG/KG	1
	Silver	0.82	MG/KG	U	NP	2	MG/KG	1
	Sodium	42.1	MG/KG	B	NP	1000	MG/KG	1
	Vanadium	21.5	MG/KG		NP	10	MG/KG	1
	Zinc	10	MG/KG		NP	4	MG/KG	1
	Lead	3.8	MG/KG		NP	0.6	MG/KG	1
	Selenium	0.22	MG/KG	U	NP	1	MG/KG	1
	Thallium	0.2	MG/KG	U	NP	2	MG/KG	1

Appendix G: Results of Metals and Cyanide Analyses, Salmon Site

SAMPLE	COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	CRDL	UNITS	DILUTION
TR8-ES-780-600-3-MS	Arsenic	66	%		NP		%	1
	Cyanide	95	%		NP		%	1
	Mercury	117	%		NP		%	1
	Antimony	61	%		NP		%	1
	Barium	104	%		NP		%	1
	Beryllium	107	%		NP		%	1
	Cadmium	112	%		NP		%	1
	Chromium	108	%		NP		%	1
	Cobalt	114	%		NP		%	1
	Copper	105	%		NP		%	1
	Manganese	114	%		NP		%	1
	Nickel	110	%		NP		%	1
	Silver	110	%		NP		%	1
	Vanadium	106	%		NP		%	1
	Zinc	111	%		NP		%	1
	Lead	79	%		NP		%	1
	Selenium	51	%		NP		%	1
	Thallium	97	%		NP		%	1

Appendix G: Results of Metals and Cyanide Analyses, Salmon Site

SAMPLE	COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	CRDL	UNITS	DILUTION
TR10-ES-180-790-15	Arsenic	0.85	MG/KG	B	UJ	2	MG/KG	1
	Cyanide	0.05	MG/KG	U	—	0.49	MG/KG	1
	Mercury	0.05	MG/KG	U	—	0.1	MG/KG	1
	Aluminum	1180	MG/KG		—	40	MG/KG	1
	Antimony	7	MG/KG	U	UJ	12	MG/KG	1
	Barium	4.4	MG/KG	B	J	40	MG/KG	1
	Beryllium	0.48	MG/KG	U	—	1	MG/KG	1
	Cadmium	0.58	MG/KG	U	—	1	MG/KG	1
	Calcium	255	MG/KG	B	J	1000	MG/KG	1
	Chromium	2.4	MG/KG		—	2	MG/KG	1
	Cobalt	1.1	MG/KG	U	—	10	MG/KG	1
	Copper	0.88	MG/KG	U	—	5	MG/KG	1
	Iron	1260	MG/KG		—	20	MG/KG	1
	Magnesium	57.3	MG/KG	B	J	1000	MG/KG	1
	Manganese	3.8	MG/KG		—	3	MG/KG	1
	Nickel	3.6	MG/KG	U	—	8	MG/KG	1
	Potassium	434	MG/KG	U	—	1000	MG/KG	1
	Silver	0.82	MG/KG	U	—	2	MG/KG	1
	Sodium	53.2	MG/KG	B	J	1000	MG/KG	1
	Vanadium	4.5	MG/KG	B	U	10	MG/KG	1
	Zinc	2.1	MG/KG	B	J	4	MG/KG	1
	Lead	1.2	MG/KG		—	0.6	MG/KG	1
	Selenium	0.22	MG/KG	U	UJ	1	MG/KG	1
	Thallium	0.2	MG/KG	U	—	2	MG/KG	1

Appendix G: Results of Metals and Cyanide Analyses, Salmon Site

SAMPLE	COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	CRDL	UNITS	DILUTION
TR10-ES-190-790-8	Arsenic	3.5	MG/KG		J	2	MG/KG	1
	Cyanide	0.05	MG/KG	U	—	0.49	MG/KG	1
	Mercury	0.05	MG/KG	U	—	0.1	MG/KG	1
	Aluminum	4400	MG/KG		—	40	MG/KG	1
	Antimony	7	MG/KG	U	UJ	12	MG/KG	1
	Barium	33.1	MG/KG	B	—	40	MG/KG	1
	Beryllium	0.48	MG/KG	U	—	1	MG/KG	1
	Cadmium	0.71	MG/KG	B	J	1	MG/KG	1
	Calcium	3160	MG/KG		—	1000	MG/KG	1
	Chromium	248	MG/KG		—	2	MG/KG	1
	Cobalt	1.2	MG/KG	B	J	10	MG/KG	1
	Copper	3.3	MG/KG	B	U	5	MG/KG	1
	Iron	6260	MG/KG		—	20	MG/KG	1
	Magnesium	327	MG/KG	B	J	1000	MG/KG	1
	Manganese	37.7	MG/KG		—	3	MG/KG	1
	Nickel	5.3	MG/KG	B	J	8	MG/KG	1
	Potassium	434	MG/KG	U	—	1000	MG/KG	1
	Silver	0.82	MG/KG	U	—	2	MG/KG	1
	Sodium	78.8	MG/KG	B	J	1000	MG/KG	1
	Vanadium	12.4	MG/KG		—	10	MG/KG	1
	Zinc	57.8	MG/KG		—	4	MG/KG	1
	Lead	10	MG/KG		—	1.2	MG/KG	2
	Selenium	0.22	MG/KG	U	UJ	1	MG/KG	1
	Thallium	0.2	MG/KG	U	—	2	MG/KG	1

Appendix G: Results of Metals and Cyanide Analyses, Salmon Site

SAMPLE	COMPOUND	RESULTS	UNITS	DATA	DATA	CRDL	UNITS	DILUTION
				QUAL	VALID.			
TR11-ES-180-930-3	Arsenic	1.5	MG/KG	B	NP	2	MG/KG	1
	Cyanide	0.05	MG/KG	U	NP	0.49	MG/KG	1
	Mercury	0.05	MG/KG	U	NP	0.1	MG/KG	1
	Aluminum	3610	MG/KG		NP	40	MG/KG	1
	Antimony	4.5	MG/KG	U	NP	12	MG/KG	1
	Barium	9.9	MG/KG	B	NP	40	MG/KG	1
	Beryllium	0.34	MG/KG	U	NP	1	MG/KG	1
	Cadmium	0.58	MG/KG	U	NP	1	MG/KG	1
	Calcium	197	MG/KG	B	NP	1000	MG/KG	1
	Chromium	5.4	MG/KG		NP	2	MG/KG	1
	Cobalt	1.1	MG/KG	U	NP	10	MG/KG	1
	Copper	2.1	MG/KG	B	NP	5	MG/KG	1
	Iron	4340	MG/KG		NP	20	MG/KG	1
	Magnesium	114	MG/KG	B	NP	1000	MG/KG	1
	Manganese	12.6	MG/KG		NP	3	MG/KG	1
	Nickel	2.7	MG/KG	B	NP	8	MG/KG	1
	Potassium	165	MG/KG	B	NP	1000	MG/KG	1
	Silver	0.82	MG/KG	U	NP	2	MG/KG	1
	Sodium	28.9	MG/KG	B	NP	1000	MG/KG	1
	Vanadium	11.1	MG/KG		NP	10	MG/KG	1
	Zinc	4.7	MG/KG		NP	4	MG/KG	1
	Lead	2.8	MG/KG		NP	0.6	MG/KG	1
	Selenium	0.22	MG/KG	U	NP	1	MG/KG	1
	Thallium	0.19	MG/KG	B	NP	2	MG/KG	1

Appendix G: Results of Metals and Cyanide Analyses, Salmon Site

SAMPLE	COMPOUND	RESULTS	UNITS	DATA	DATA	CRDL	UNITS	DILUTION
				QUAL	VALID.			
TR13-ES-210-1110-6	Arsenic	2	MG/KG	B	NP	2	MG/KG	1
	Cyanide	0.05	MG/KG	U	NP	0.49	MG/KG	1
	Mercury	0.05	MG/KG	U	NP	0.1	MG/KG	1
	Aluminum	4360	MG/KG		NP	40	MG/KG	1
	Antimony	4.5	MG/KG	U	NP	12	MG/KG	1
	Barium	17.7	MG/KG	B	NP	40	MG/KG	1
	Beryllium	0.34	MG/KG	U	NP	1	MG/KG	1
	Cadmium	0.58	MG/KG	U	NP	1	MG/KG	1
	Calcium	4970	MG/KG		NP	1000	MG/KG	1
	Chromium	29.1	MG/KG		NP	2	MG/KG	1
	Cobalt	1.1	MG/KG	U	NP	10	MG/KG	1
	Copper	3.5	MG/KG	B	NP	5	MG/KG	1
	Iron	6400	MG/KG		NP	20	MG/KG	1
	Magnesium	194	MG/KG	B	NP	1000	MG/KG	1
	Manganese	37.2	MG/KG		NP	3	MG/KG	1
	Nickel	2.9	MG/KG	B	NP	8	MG/KG	1
	Potassium	258	MG/KG	B	NP	1000	MG/KG	1
	Silver	0.82	MG/KG	U	NP	2	MG/KG	1
	Sodium	203	MG/KG	B	NP	1000	MG/KG	1
	Vanadium	15.7	MG/KG		NP	10	MG/KG	1
	Zinc	13.8	MG/KG		NP	4	MG/KG	1
	Lead	5	MG/KG		NP	0.6	MG/KG	1
	Selenium	0.22	MG/KG	U	NP	1	MG/KG	1
	Thallium	0.18	MG/KG	U	NP	2	MG/KG	1

Appendix G: Results of Metals and Cyanide Analyses, Salmon Site

SAMPLE	COMPOUND	RESULTS	UNITS	DATA		CRDL	UNITS	DILUTION
				QUAL	VALID.			
TR13-ES-212-1150-6	Arsenic	2.2	MG/KG		NP	2	MG/KG	1
	Cyanide	0.05	MG/KG	U	NP	0.49	MG/KG	1
	Mercury	0.05	MG/KG	U	NP	0.1	MG/KG	1
	Aluminum	3920	MG/KG		NP	40	MG/KG	1
	Antimony	4.5	MG/KG	U	NP	12	MG/KG	1
	Barium	46.4	MG/KG		NP	40	MG/KG	1
	Beryllium	0.34	MG/KG	U	NP	1	MG/KG	1
	Cadmium	0.58	MG/KG	U	NP	1	MG/KG	1
	Calcium	14700	MG/KG		NP	5000	MG/KG	5
	Chromium	181	MG/KG		NP	2	MG/KG	1
	Cobalt	1.1	MG/KG	U	NP	10	MG/KG	1
	Copper	3.4	MG/KG	B	NP	5	MG/KG	1
	Iron	4360	MG/KG		NP	20	MG/KG	1
	Magnesium	311	MG/KG	B	NP	1000	MG/KG	1
	Manganese	80	MG/KG		NP	3	MG/KG	1
	Nickel	3.8	MG/KG	B	NP	8	MG/KG	1
	Potassium	338	MG/KG	B	NP	1000	MG/KG	1
	Silver	0.82	MG/KG	U	NP	2	MG/KG	1
	Sodium	1350	MG/KG		NP	1000	MG/KG	1
	Vanadium	10.1	MG/KG		NP	10	MG/KG	1
	Zinc	61.2	MG/KG		NP	4	MG/KG	1
	Lead	14.2	MG/KG		NP	1.2	MG/KG	2
	Selenium	0.28	MG/KG	B	NP	1	MG/KG	1
	Thallium	0.18	MG/KG	U	NP	2	MG/KG	1

Appendix G: Results of Metals and Cyanide Analyses, Salmon Site

SAMPLE	COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	CRDL	UNITS	DILUTION
TR14-ES-80-1189-5	Arsenic	1.5	MG/KG	B	NP	2	MG/KG	1
	Cyanide	0.05	MG/KG	U	NP	0.5	MG/KG	1
	Mercury	0.05	MG/KG	U	NP	0.1	MG/KG	1
	Aluminum	3450	MG/KG		NP	40	MG/KG	1
	Antimony	4.5	MG/KG	U	NP	12	MG/KG	1
	Barium	9.3	MG/KG	B	NP	40	MG/KG	1
	Beryllium	0.34	MG/KG	U	NP	1	MG/KG	1
	Cadmium	0.58	MG/KG	U	NP	1	MG/KG	1
	Calcium	218	MG/KG	B	NP	1000	MG/KG	1
	Chromium	4.6	MG/KG		NP	2	MG/KG	1
	Cobalt	1.1	MG/KG	U	NP	10	MG/KG	1
	Copper	1.9	MG/KG	B	NP	5	MG/KG	1
	Iron	4720	MG/KG		NP	20	MG/KG	1
	Magnesium	68.5	MG/KG	B	NP	1000	MG/KG	1
	Manganese	25.8	MG/KG		NP	3	MG/KG	1
	Nickel	2.4	MG/KG	B	NP	8	MG/KG	1
	Potassium	181	MG/KG	B	NP	1000	MG/KG	1
	Silver	0.82	MG/KG	U	NP	2	MG/KG	1
	Sodium	372	MG/KG	B	NP	1000	MG/KG	1
	Vanadium	12.5	MG/KG		NP	10	MG/KG	1
	Zinc	3.3	MG/KG	B	NP	4	MG/KG	1
	Lead	3.4	MG/KG		NP	0.6	MG/KG	1
	Selenium	0.22	MG/KG	U	NP	1	MG/KG	1
	Thallium	0.18	MG/KG	U	NP	2	MG/KG	1

Appendix G: Results of Metals and Cyanide Analyses, Salmon Site

SAMPLE	COMPOUND	RESULTS	UNITS	DATA	DATA	CRDL	UNITS	DILUTION
				QUAL	VALID.			
TR14-ES-90-1200-3	Arsenic	2.1	MG/KG		NP	2	MG/KG	1
	Cyanide	0.05	MG/KG	U	NP	0.49	MG/KG	1
	Mercury	0.05	MG/KG	U	NP	0.1	MG/KG	1
	Aluminum	5770	MG/KG		NP	40	MG/KG	1
	Antimony	4.5	MG/KG	U	NP	12	MG/KG	1
	Barium	12	MG/KG	B	NP	40	MG/KG	1
	Beryllium	0.34	MG/KG	U	NP	1	MG/KG	1
	Cadmium	0.58	MG/KG	U	NP	1	MG/KG	1
	Calcium	683	MG/KG	B	NP	1000	MG/KG	1
	Chromium	5.5	MG/KG		NP	2	MG/KG	1
	Cobalt	1.1	MG/KG	U	NP	10	MG/KG	1
	Copper	3.1	MG/KG	B	NP	5	MG/KG	1
	Iron	6880	MG/KG		NP	20	MG/KG	1
	Magnesium	147	MG/KG	B	NP	1000	MG/KG	1
	Manganese	25.6	MG/KG		NP	3	MG/KG	1
	Nickel	3.7	MG/KG	B	NP	8	MG/KG	1
	Potassium	258	MG/KG	B	NP	1000	MG/KG	1
	Silver	0.82	MG/KG	U	NP	2	MG/KG	1
	Sodium	48.2	MG/KG	B	NP	1000	MG/KG	1
	Vanadium	17.4	MG/KG		NP	10	MG/KG	1
	Zinc	7.5	MG/KG		NP	4	MG/KG	1
	Lead	4.1	MG/KG		NP	0.6	MG/KG	1
	Selenium	0.22	MG/KG	U	NP	1	MG/KG	1
	Thallium	0.18	MG/KG	U	NP	2	MG/KG	1

Appendix G: Results of Metals and Cyanide Analyses, Salmon Site

SAMPLE	COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	CRDL	UNITS	DILUTION
TR-15-ES-20-1180-5	Arsenic	2.6	MG/KG		NP	2	MG/KG	1
	Cyanide	0.05	MG/KG	U	NP	0.5	MG/KG	1
	Mercury	0.05	MG/KG	U	NP	0.1	MG/KG	1
	Aluminum	7710	MG/KG		NP	40	MG/KG	1
	Antimony	4.5	MG/KG	U	NP	12	MG/KG	1
	Barium	52	MG/KG		NP	40	MG/KG	1
	Beryllium	0.35	MG/KG	B	NP	1	MG/KG	1
	Cadmium	0.58	MG/KG	U	NP	1	MG/KG	1
	Calcium	3950	MG/KG		NP	1000	MG/KG	1
	Chromium	77	MG/KG		NP	2	MG/KG	1
	Cobalt	1.7	MG/KG	B	NP	10	MG/KG	1
	Copper	5.2	MG/KG		NP	5	MG/KG	1
	Iron	7880	MG/KG		NP	20	MG/KG	1
	Magnesium	390	MG/KG	B	NP	1000	MG/KG	1
	Manganese	164	MG/KG		NP	3	MG/KG	1
	Nickel	6.5	MG/KG	B	NP	8	MG/KG	1
	Potassium	360	MG/KG	B	NP	1000	MG/KG	1
	Silver	0.82	MG/KG	U	NP	2	MG/KG	1
	Sodium	69.4	MG/KG	B	NP	1000	MG/KG	1
	Vanadium	17.9	MG/KG		NP	10	MG/KG	1
	Zinc	28.6	MG/KG		NP	4	MG/KG	1
	Lead	8.1	MG/KG		NP	0.6	MG/KG	1
	Selenium	0.22	MG/KG	U	NP	1	MG/KG	1
	Thallium	0.18	MG/KG	U	NP	2	MG/KG	1

Appendix G: Results of Metals and Cyanide Analyses, Salmon Site

SAMPLE	COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	CRDL	UNITS	DILUTION
TR-15-ES-20-1180-.5 DUP	Arsenic	2.5	MG/KG		NP	2	MG/KG	1
	Cyanide	0.05	MG/KG	U	NP	0.49	MG/KG	1
	Mercury	0.05	MG/KG	U	NP	0.1	MG/KG	1
	Aluminum	6860	MG/KG		NP	40	MG/KG	1
	Antimony	4.5	MG/KG	U	NP	12	MG/KG	1
	Barium	31.6	MG/KG	B	NP	40	MG/KG	1
	Beryllium	0.34	MG/KG	U	NP	1	MG/KG	1
	Cadmium	0.58	MG/KG	U	NP	1	MG/KG	1
	Calcium	2090	MG/KG		NP	1000	MG/KG	1
	Chromium	40.8	MG/KG		NP	2	MG/KG	1
	Cobalt	1.8	MG/KG	B	NP	10	MG/KG	1
	Copper	4.4	MG/KG	B	NP	5	MG/KG	1
	Iron	7430	MG/KG		NP	20	MG/KG	1
	Magnesium	275	MG/KG	B	NP	1000	MG/KG	1
	Manganese	78.5	MG/KG		NP	3	MG/KG	1
	Nickel	4.3	MG/KG	B	NP	8	MG/KG	1
	Potassium	287	MG/KG	B	NP	1000	MG/KG	1
	Silver	0.82	MG/KG	U	NP	2	MG/KG	1
	Sodium	51.2	MG/KG	B	NP	1000	MG/KG	1
	Vanadium	17.8	MG/KG		NP	10	MG/KG	1
	Zinc	17.3	MG/KG		NP	4	MG/KG	1
	Lead	9.1	MG/KG		NP	0.6	MG/KG	1
	Selenium	0.22	MG/KG	U	NP	1	MG/KG	1
	Thallium	0.18	MG/KG	U	NP	2	MG/KG	1

Appendix G: Results of Metals and Cyanide Analyses, Salmon Site

SAMPLE	COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	CRDL	UNITS	DILUTION
TR-15-ES-20-1180-.5 MS	Arsenic	90	%		NP		%	1
	Cyanide	96	%		NP		%	1
	Mercury	100	%		NP		%	1
	Antimony	52	%		NP		%	1
	Barium	95	%		NP		%	1
	Beryllium	99	%		NP		%	1
	Cadmium	109	%		NP		%	1
	Chromium	78	%		NP		%	1
	Cobalt	110	%		NP		%	1
	Copper	98	%		NP		%	1
	Manganese	55	%		NP		%	1
	Nickel	101	%		NP		%	1
	Silver	99	%		NP		%	1
	Vanadium	102	%		NP		%	1
	Zinc	100	%		NP		%	1
	Lead	143	%		NP		%	1
	Selenium	55	%		NP		%	1
	Thallium	91	%		NP		%	1

Appendix G: Results of Metals and Cyanide Analyses, Salmon Site

SAMPLE	COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	CRDL	UNITS	DILUTION
TR16-ES-200-80-1.5	Arsenic	1.7	MG/KG	B	NP	2	MG/KG	1
	Cyanide	0.05	MG/KG	U	NP	0.5	MG/KG	1
	Mercury	0.05	MG/KG	U	NP	0.1	MG/KG	1
	Aluminum	8430	MG/KG		NP	40	MG/KG	1
	Antimony	4.5	MG/KG	U	NP	12	MG/KG	1
	Barium	17.4	MG/KG	B	NP	40	MG/KG	1
	Beryllium	0.34	MG/KG	U	NP	1	MG/KG	1
	Cadmium	0.58	MG/KG	U	NP	1	MG/KG	1
	Calcium	153	MG/KG	B	NP	1000	MG/KG	1
	Chromium	6.8	MG/KG		NP	2	MG/KG	1
	Cobalt	1.6	MG/KG	B	NP	10	MG/KG	1
	Copper	3.6	MG/KG	B	NP	5	MG/KG	1
	Iron	6320	MG/KG		NP	20	MG/KG	1
	Magnesium	273	MG/KG	B	NP	1000	MG/KG	1
	Manganese	17.1	MG/KG		NP	3	MG/KG	1
	Nickel	5.4	MG/KG	B	NP	8	MG/KG	1
	Potassium	263	MG/KG	B	NP	1000	MG/KG	1
	Silver	0.82	MG/KG	U	NP	2	MG/KG	1
	Sodium	35.4	MG/KG	B	NP	1000	MG/KG	1
	Vanadium	16.8	MG/KG		NP	10	MG/KG	1
	Zinc	9.3	MG/KG		NP	4	MG/KG	1
	Lead	4.3	MG/KG		NP	0.6	MG/KG	1
	Selenium	0.22	MG/KG	U	NP	1	MG/KG	1
	Thallium	0.34	MG/KG	B	NP	2	MG/KG	1

Appendix G: Results of Metals and Cyanide Analyses, Salmon Site

SAMPLE	COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	CRDL	UNITS	DILUTION
TR17-ES-30-120-5	Arsenic	2.7	MG/KG		NP	2	MG/KG	1
	Cyanide	0.05	MG/KG	U	NP	0.5	MG/KG	1
	Mercury	0.05	MG/KG	U	NP	0.1	MG/KG	1
	Aluminum	6660	MG/KG		NP	40	MG/KG	1
	Antimony	4.5	MG/KG	U	NP	12	MG/KG	1
	Barium	33.9	MG/KG	B	NP	40	MG/KG	1
	Beryllium	0.41	MG/KG	B	NP	1	MG/KG	1
	Cadmium	0.58	MG/KG	U	NP	1	MG/KG	1
	Calcium	785	MG/KG	B	NP	1000	MG/KG	1
	Chromium	6.8	MG/KG		NP	2	MG/KG	1
	Cobalt	2.2	MG/KG	B	NP	10	MG/KG	1
	Copper	5.6	MG/KG		NP	5	MG/KG	1
	Iron	7140	MG/KG		NP	20	MG/KG	1
	Magnesium	829	MG/KG	B	NP	1000	MG/KG	1
	Manganese	77.3	MG/KG		NP	3	MG/KG	1
	Nickel	5.1	MG/KG	B	NP	8	MG/KG	1
	Potassium	533	MG/KG	B	NP	1000	MG/KG	1
	Silver	0.82	MG/KG	U	NP	2	MG/KG	1
	Sodium	47.9	MG/KG	B	NP	1000	MG/KG	1
	Vanadium	11.4	MG/KG		NP	10	MG/KG	1
	Zinc	11.5	MG/KG		NP	4	MG/KG	1
	Lead	5.2	MG/KG		NP	0.6	MG/KG	1
	Selenium	0.25	MG/KG	B	NP	1	MG/KG	1
	Thallium	0.31	MG/KG	B	NP	2	MG/KG	1

Appendix G: Results of Metals and Cyanide Analyses, Salmon Site

SAMPLE	COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	CRDL	UNITS	DILUTION
TR17-ES-30-125-8	Arsenic	1.4	MG/KG	B	NP	2	MG/KG	1
	Cyanide	0.05	MG/KG	U	NP	0.49	MG/KG	1
	Mercury	0.05	MG/KG	U	NP	0.1	MG/KG	1
	Aluminum	5330	MG/KG		NP	40	MG/KG	1
	Antimony	4.5	MG/KG	U	NP	12	MG/KG	1
	Barium	33.7	MG/KG	B	NP	40	MG/KG	1
	Beryllium	0.35	MG/KG	B	NP	1	MG/KG	1
	Cadmium	0.58	MG/KG	U	NP	1	MG/KG	1
	Calcium	748	MG/KG	B	NP	1000	MG/KG	1
	Chromium	5.9	MG/KG		NP	2	MG/KG	1
	Cobalt	2.4	MG/KG	B	NP	10	MG/KG	1
	Copper	3.3	MG/KG	B	NP	5	MG/KG	1
	Iron	7350	MG/KG		NP	20	MG/KG	1
	Magnesium	651	MG/KG	B	NP	1000	MG/KG	1
	Manganese	142	MG/KG		NP	3	MG/KG	1
	Nickel	4.5	MG/KG	B	NP	8	MG/KG	1
	Potassium	360	MG/KG	B	NP	1000	MG/KG	1
	Silver	0.82	MG/KG	U	NP	2	MG/KG	1
	Sodium	52.8	MG/KG	B	NP	1000	MG/KG	1
	Vanadium	10.9	MG/KG		NP	10	MG/KG	1
	Zinc	13.9	MG/KG		NP	4	MG/KG	1
	Lead	18.6	MG/KG		NP	2.4	MG/KG	4
	Selenium	0.22	MG/KG	U	NP	1	MG/KG	1
	Thallium	0.18	MG/KG	U	NP	2	MG/KG	1

Appendix G: Results of Metals and Cyanide Analyses, Salmon Site

SAMPLE	COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	CRDL	UNITS	DILUTION
TR18-BS-90-150A-E	Arsenic	1.7	MG/KG	B	NP	2	MG/KG	1
	Cyanide	0.05	MG/KG	U	NP	0.49	MG/KG	1
	Mercury	0.05	MG/KG	U	NP	0.1	MG/KG	1
	Aluminum	5560	MG/KG		NP	40	MG/KG	1
	Antimony	4.5	MG/KG	U	NP	12	MG/KG	1
	Barium	21.6	MG/KG	B	NP	40	MG/KG	1
	Beryllium	0.34	MG/KG	U	NP	1	MG/KG	1
	Cadmium	0.58	MG/KG	U	NP	1	MG/KG	1
	Calcium	244	MG/KG	B	NP	1000	MG/KG	1
	Chromium	6.3	MG/KG		NP	2	MG/KG	1
	Cobalt	1.3	MG/KG	B	NP	10	MG/KG	1
	Copper	3.2	MG/KG	B	NP	5	MG/KG	1
	Iron	6170	MG/KG		NP	20	MG/KG	1
	Magnesium	322	MG/KG	B	NP	1000	MG/KG	1
	Manganese	13.7	MG/KG		NP	3	MG/KG	1
	Nickel	4.4	MG/KG	B	NP	8	MG/KG	1
	Potassium	329	MG/KG	B	NP	1000	MG/KG	1
	Silver	0.82	MG/KG	U	NP	2	MG/KG	1
	Sodium	36.7	MG/KG	B	NP	1000	MG/KG	1
	Vanadium	13.4	MG/KG		NP	10	MG/KG	1
	Zinc	7.3	MG/KG		NP	4	MG/KG	1
	Lead	4.6	MG/KG		NP	0.6	MG/KG	1
	Selenium	0.22	MG/KG	U	NP	1	MG/KG	1
	Thallium	0.18	MG/KG	U	NP	2	MG/KG	1

Appendix G: Results of Metals and Cyanide Analyses, Salmon Site

SAMPLE	COMPOUND	RESULTS	UNITS	DATA QUAL	DATA VALID.	CRDL	UNITS	DILUTION
TR19-BS-0-150A-E	Arsenic	3.1	MG/KG		NP	2	MG/KG	1
	Cyanide	0.05	MG/KG	U	NP	0.49	MG/KG	1
	Mercury	0.05	MG/KG	U	NP	0.1	MG/KG	1
	Aluminum	9180	MG/KG		NP	40	MG/KG	1
	Antimony	4.5	MG/KG	U	NP	12	MG/KG	1
	Barium	22.4	MG/KG	B	NP	40	MG/KG	1
	Beryllium	0.34	MG/KG	U	NP	1	MG/KG	1
	Cadmium	0.58	MG/KG	U	NP	1	MG/KG	1
	Calcium	479	MG/KG	B	NP	1000	MG/KG	1
	Chromium	24.5	MG/KG		NP	2	MG/KG	1
	Cobalt	1.5	MG/KG	B	NP	10	MG/KG	1
	Copper	4.6	MG/KG	B	NP	5	MG/KG	1
	Iron	7970	MG/KG		NP	20	MG/KG	1
	Magnesium	372	MG/KG	B	NP	1000	MG/KG	1
	Manganese	43.4	MG/KG		NP	3	MG/KG	1
	Nickel	6.7	MG/KG	B	NP	8	MG/KG	1
	Potassium	384	MG/KG	B	NP	1000	MG/KG	1
	Silver	0.82	MG/KG	U	NP	2	MG/KG	1
	Sodium	97.6	MG/KG	B	NP	1000	MG/KG	1
	Vanadium	18.7	MG/KG		NP	10	MG/KG	1
	Zinc	15.8	MG/KG		NP	4	MG/KG	1
	Lead	4.9	MG/KG		NP	0.6	MG/KG	1
	Selenium	0.22	MG/KG	U	NP	1	MG/KG	1
	Thallium	0.2	MG/KG	B	NP	2	MG/KG	1

Appendix H
Results of Dioxin/Furan Compound Analyses

Appendix H: Results of Dioxin/Furan Compound Analyses, Salmon Site

SAMPLE	ANALYTE	RESULTS	DATA		UNITS	CRDL	UNITS	DILUTION
			QUAL	VALID				
TR2-ES-355N-175E-5Z	TCDD	1.0	U	—	UG/KG	1.0	UG/KG	1
	TCDF	1.0	U	—	UG/KG	1.0	UG/KG	1
	PeCDD	2.4	U	—	UG/KG	2.4	UG/KG	1
	PeCDF	2.4	U	—	UG/KG	2.4	UG/KG	1
	HxCDD	2.4	U	—	UG/KG	2.4	UG/KG	1
	HxCDF	2.4	U	—	UG/KG	2.4	UG/KG	1
	HpCDD	2.4	U	—	UG/KG	2.4	UG/KG	1
	HpCDF	2.4	U	—	UG/KG	2.4	UG/KG	1
	OCDD	4.8	U	—	UG/KG	4.8	UG/KG	1
	OCDF	4.8	U	—	UG/KG	4.8	UG/KG	1
	C13-2378-TCDD	86.0			%		%	1
	C13-2378-TCDF	90.0			%		%	1
	C13-OCDD	74.0			%		%	1
TR2-ES-356N-175E-8Z	TCDD	1.0	U	—	UG/KG	1.0	UG/KG	1
	TCDF	2.2		—	UG/KG	1.0	UG/KG	1
	PeCDD	2.4	U	—	UG/KG	2.4	UG/KG	1
	PeCDF	2.4	U	—	UG/KG	2.4	UG/KG	1
	HxCDD	2.4	U	—	UG/KG	2.4	UG/KG	1
	HxCDF	2.7		—	UG/KG	2.4	UG/KG	1
	HpCDD	2.4	U	—	UG/KG	2.4	UG/KG	1
	HpCDF	2.6		—	UG/KG	2.4	UG/KG	1
	OCDD	4.8	U	—	UG/KG	4.8	UG/KG	1
	OCDF	4.8	U	—	UG/KG	4.8	UG/KG	1
	C13-2378-TCDD	84.0			%		%	1
	C13-2378-TCDF	88.0			%		%	1
	C13-OCDD	71.0			%		%	1
TR2A-ES-365N-200E-3.5Z	TCDD	1.0	U	—	UG/KG	1.0	UG/KG	1
	TCDF	1.0	U	—	UG/KG	1.0	UG/KG	1
	PeCDD	2.5	U	—	UG/KG	2.5	UG/KG	1
	PeCDF	2.5	U	—	UG/KG	2.5	UG/KG	1
	HxCDD	2.5	U	—	UG/KG	2.5	UG/KG	1
	HxCDF	2.5	U	—	UG/KG	2.5	UG/KG	1
	HpCDD	2.5	U	—	UG/KG	2.5	UG/KG	1
	HpCDF	2.5	U	—	UG/KG	2.5	UG/KG	1
	OCDD	4.9	U	—	UG/KG	4.9	UG/KG	1
	OCDF	4.9	U	—	UG/KG	4.9	UG/KG	1
	C13-2378-TCDD	82.0			%		%	1
	C13-2378-TCDF	84.0			%		%	1
	C13-OCDD	71.0			%		%	1

Appendix H: Results of Dioxin/Furan Compound Analyses, Salmon Site

SAMPLE	ANALYTE	RESULTS	DATA		UNITS	CRDL	UNITS	DILUTION
			QUAL	VALID				
TR2A-ES-360N-200E-8Z	TCDD	1.0	U	—	UG/KG	1.0	UG/KG	1
	TCDF	1.0	U	—	UG/KG	1.0	UG/KG	1
	PeCDD	2.4	U	—	UG/KG	2.4	UG/KG	1
	PeCDF	2.4	U	—	UG/KG	2.4	UG/KG	1
	HxCDD	2.4	U	—	UG/KG	2.4	UG/KG	1
	HxCDF	2.4	U	—	UG/KG	2.4	UG/KG	1
	HpCDD	2.4	U	—	UG/KG	2.4	UG/KG	1
	HpCDF	2.4	U	—	UG/KG	2.4	UG/KG	1
	OCDD	4.8	U	—	UG/KG	4.8	UG/KG	1
	OCDF	4.8	U	—	UG/KG	4.8	UG/KG	1
	C13-2378-TCDD	87.0			%		%	1
	C13-2378-TCDF	92.0			%		%	1
	C13-OCDD	71.0			%		%	1

Appendix I
Results of Total Petroleum Hydrocarbon Analyses

Appendix I: Results of Total Petroleum Hydrocarbons Analyses, Salmon Site

SAMPLE	RESULTS	UNITS	DATA QUAL.	DATA VALID.	CRDL	UNITS	DILUTION
TR3-ES-450N-400E-3Z	3380.0	MG/KG		--	250	MG/KG	50
TR3-ES-430N-400E-15Z	1110.0	MG/KG		--	125	MG/KG	25
TR4-ES-260-490-8	114.0	MG/KG		--	5	MG/KG	1
TR5-ES-590-570-12	57.6	MG/KG		--	5	MG/KG	1
TR6-ES-495-585-12	117.0	MG/KG		NP	4.95	MG/KG	1
TR6-ES-485-590-6	21.3	MG/KG		NP	4.96	MG/KG	1
TR7-ES-558-650-5	4940.0	MG/KG		--	1000	MG/KG	200
TR7-ES-560-650-14	2780.0	MG/KG		--	1000	MG/KG	200
TR8-ES-780-600-3	5.0	MG/KG	U	--	5	MG/KG	1
TR8-ES-780-600-3-MS	102.0	%		NP		%	1
TR8-ES-780-600-3-MSD	98.0	%		NP		%	1
TR10-ES-180-790-15	18.8	MG/KG		--	5	MG/KG	1
TR10-ES-190-790-8	346.0	MG/KG		--	25	MG/KG	5
TR11-ES-180-830-3	9.3	MG/KG		NP	4.98	MG/KG	1
TR13-ES-210-1110-6	2240.0	MG/KG		NP	124	MG/KG	25
TR13-ES-212-1150-6	9120.0	MG/KG		NP	500	MG/KG	100
TR14-ES-80-1189-5	5.0	MG/KG	U	NP	4.98	MG/KG	1
TR14-ES-90-1200-3	5.0	MG/KG	U	NP	4.95	MG/KG	1
TR-15-ES-20-1180-5	40.2	MG/KG		NP	4.98	MG/KG	1
TR-15-ES-20-1180-5MS	97.0	%		NP		%	1
TR-15-ES-20-1180-5MSD	146.0	%	*	NP		%	1
TR16-ES-200-80-1.5	5.0	MG/KG	U	NP	4.97	MG/KG	1
TR17-ES-30-120-5	5.0	MG/KG	U	NP	4.97	MG/KG	1
TR17-ES-30-125-8	5.0	MG/KG	U	NP	4.95	MG/KG	1
TR19-BS-0-150A-E	252.0	MG/KG		NP	24.9	MG/KG	5

Appendix J
Results of Tritium Analyses

Appendix J: Results of Tritium Analyses, Salmon Site

SAMPLE	RESULTS	UNITS	DATA	2 SIGMA		MDA	UNITS	DILUTION
			VALID	ERROR (+/-)	UNITS			
TR18-BS-90-150A-E	0.01	PCI/G	NP	0.02	PCI/G	0.04	PCI/G	1
TR19-BS-0-150A-E	0.03	PCI/G	NP	0.03	PCI/G	0.04	PCI/G	1

Appendix K

Sample Collection Logs

FEDEX 0723032962



DATE	1	2	0	8	9	3
TIME	1	5	3	0		
PAGE	1 OF 2					
PAGE						
PROJECT NO.	301965					

SAMPLE COLLECTION LOG

403.04.004

PROJECT NAME SALMON TEST SITE

SAMPLE NO. TRI-ES-001

SAMPLE LOCATION TRENCH REELOC PITS

SAMPLE TYPE SOIL GRAB

COMPOSITE YES ☒ NO

COMPOSITE TYPE NA

DEPTH OF SAMPLE 3 Feet

WEATHER CLEAR 50°F

CONTAINERS

USED

AMOUNT
COLLECTED

120 ml AG

2 250 ml AG

2 250 ml AG

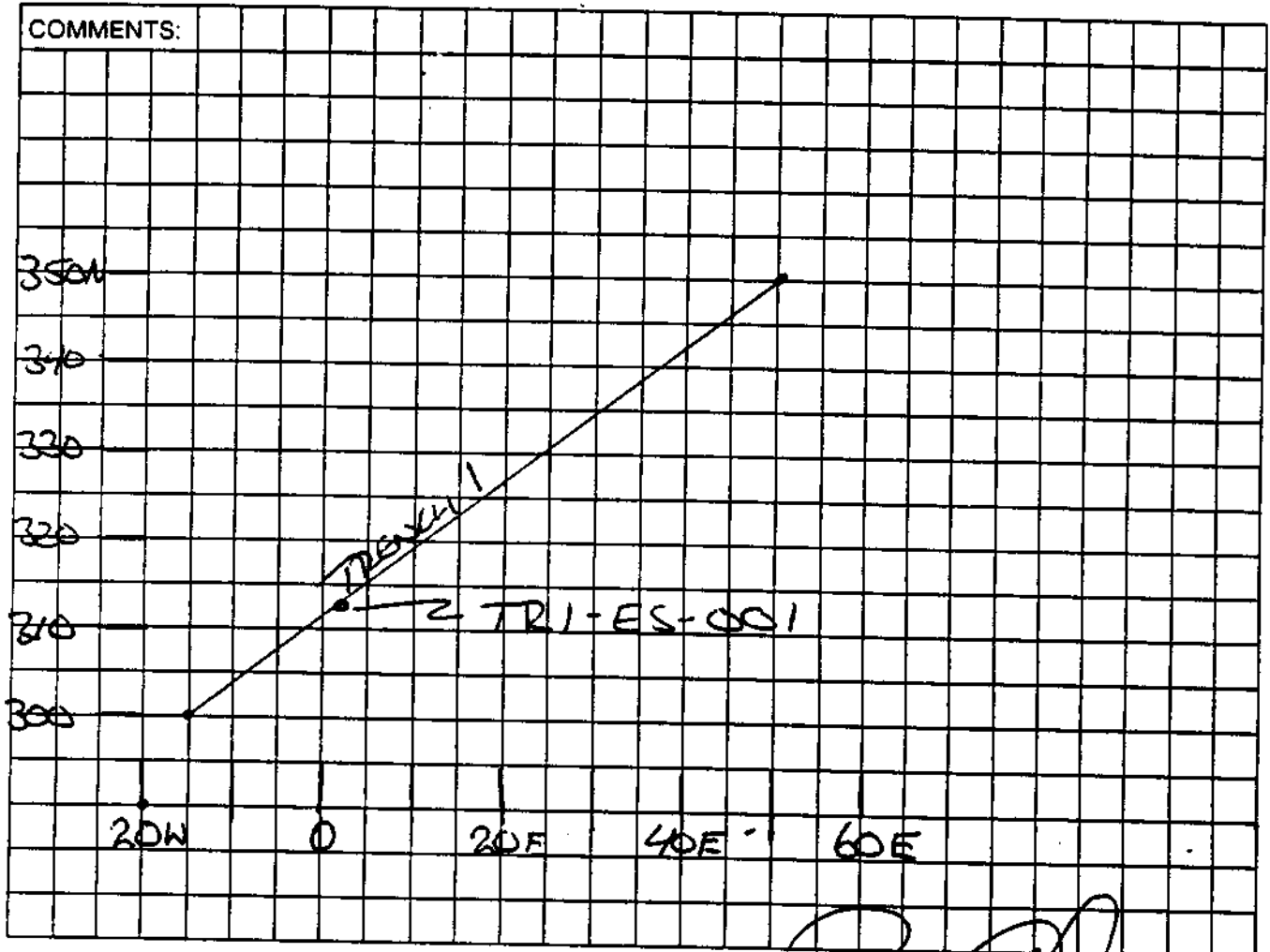
500 ml AG

Filled

Filled

Filled

COMMENTS:



PREPARED BY:

[Signature]

COMMENTS: (Continued)	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>DATE</td><td>1</td><td>20</td><td>89</td><td>3</td></tr> <tr><td>TIME</td><td>1</td><td>5</td><td>30</td><td></td></tr> <tr><td>PAGE</td><td colspan="4">2 OF 2</td></tr> <tr><td>PAGE</td><td colspan="4"></td></tr> <tr><td>PROJECT NO.</td><td colspan="4">34465</td></tr> </table> 403.04.004 PREPARED BY: <i>[Signature]</i>	DATE	1	20	89	3	TIME	1	5	30		PAGE	2 OF 2				PAGE					PROJECT NO.	34465			
DATE	1	20	89	3																						
TIME	1	5	30																							
PAGE	2 OF 2																									
PAGE																										
PROJECT NO.	34465																									

LEGEND

1. A SAMPLE COLLECTION LOG IS TO BE COMPLETED FOR EACH SAMPLE.
2. ALWAYS COMPLETE BOTH SIDES. IF SECOND SIDE IS NOT USED, DRAW A LINE THROUGH IT AND MARK N/A. FILL IN CONTROL BLOCK AND PREPARED BY.
3. ALL ENTRIES ON LOG ARE TO BE COMPLETED, IF NOT APPLICABLE MARK N/A.
4. DATE: USE MONTH/DAY/YEAR; I.E., 10/30/85
5. TIME: USE 24-HOUR CLOCK; I.E., 1835 FOR 6:35 P.M.
6. PAGE: EACH SAMPLE TEAM SHOULD NUMBER PAGE _____ OF _____ FOR THE DAY'S ACTIVITIES FOR ALL SHEETS PREPARED ON A SINGLE DAY, I.E., IF THERE ARE A TOTAL OF 24 PAGES (INCLUDING FRONT AND BACK) NUMBER 1 OF 24, 2 OF 24, ETC.
7. SAMPLE LOCATION: USE BORING OR MONITORING WELL NUMBER, GRID LOCATION (TRANSECT), SAMPLING STATION I.D., OR COORDINATE TO PHYSICAL FEATURES WITH DISTANCES. INCLUDE SKETCH IN COMMENT SECTION IF NECESSARY.
8. SAMPLE TYPE: USE THE FOLLOWING - SOIL; WATER (SURFACE OR GROUND); AIR (FILTERS, TUBES, AMBIENT, PERSONNEL); SLUDGE; DRUM CONTENTS, OIL, VEGETATION; WIPE; SEDIMENT.
9. COMPOSITE TYPE: I.E., 24-HOUR, LIST SAMPLE NUMBERS IN COMPOSITE, SPATIAL COMPOSITE.
10. DEPTH OF SAMPLE: GIVE UNITS. WRITE OUT UNITS SUCH AS INCHES, FEET. DON'T USE ' OR ''.
11. WEATHER: APPROXIMATE TEMPERATURE, SUN AND MOISTURE CONDITIONS.
12. CONTAINERS USED: LIST EACH CONTAINER TYPE AS NUMBER, VOLUME, MATERIAL (E.G., 2 - 1L GLASS; 4 - 40 ML GLASS VIAL; 1 - 400 ML PLASTIC; 1 - 3 INCH STEEL TUBE; 1 - 8 OZ. GLASS JAR).
13. AMOUNT COLLECTED: VOLUME IN CONTAINERS (E.G. 1/2 FULL).

SAMPLE COLLECTION LOG

483.04.004

PROJECT NAME SALMON

SAMPLE NO. TR2-ES-355N-175-52

SAMPLE LOCATION TRENCH 2

SAMPLE TYPE Soil / GRAB

COMPOSITE YES NO

COMPOSITE TYPE N/A

DEPTH OF SAMPLe 5 feet

WEATHER Clearing; V. Humid

CONTAINERS
USED

AMOUNT
COLLECTED

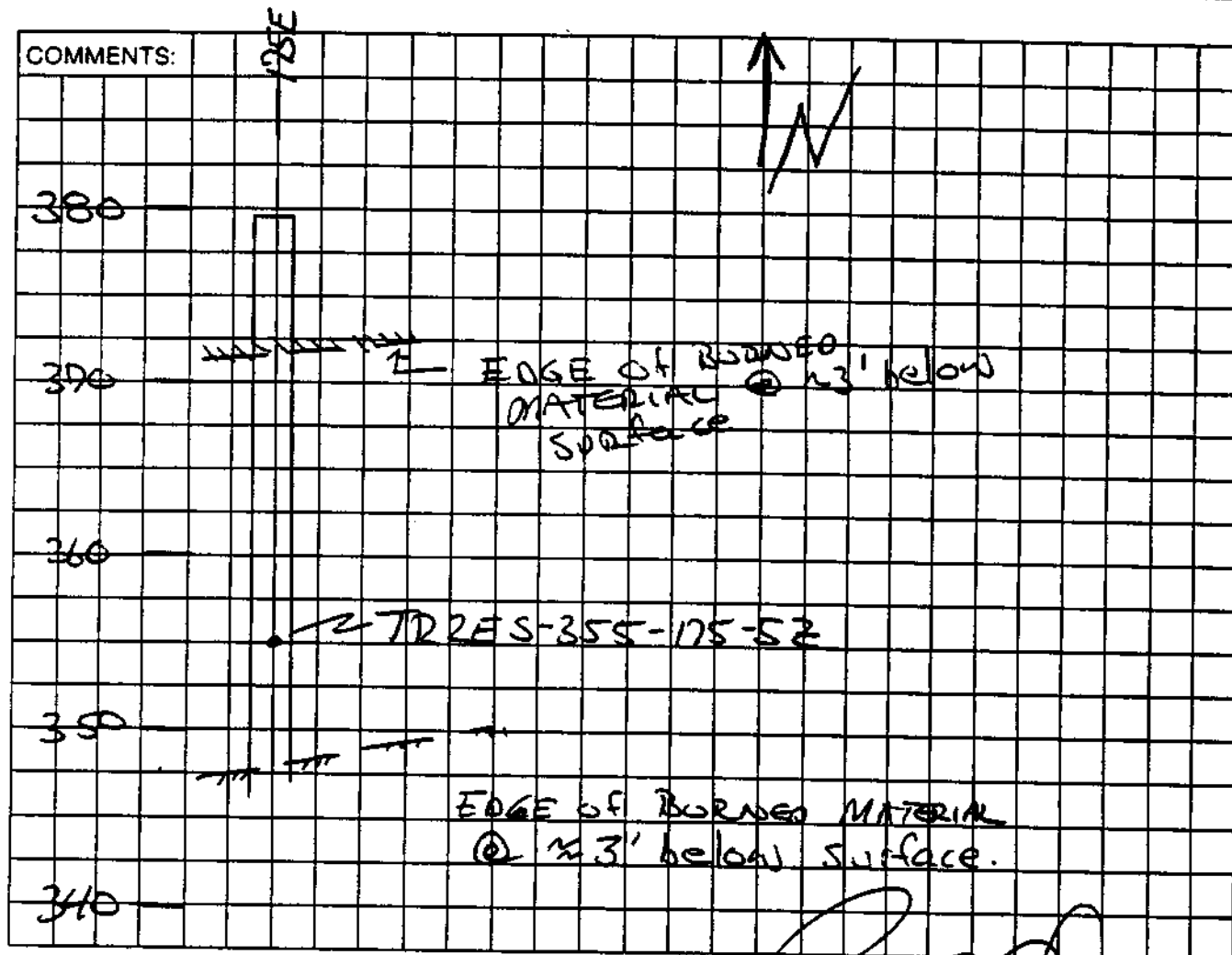
120m / AG

Filled

500 mL AG

Filled

COMMENTS:



PREPARED BY:

[Signature]

COMMENTS: (Continued)	<!-- Grid representation --> <!-- Handwritten 'N/A' --> N/A
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DATE	1/20/93
TIME	09:00
PAGE	2 OF 2
PROJECT NO.	30965

403.04-004

PREPARED BY:

LEGEND

1. A SAMPLE COLLECTION LOG IS TO BE COMPLETED FOR EACH SAMPLE.
2. ALWAYS COMPLETE BOTH SIDES. IF SECOND SIDE IS NOT USED, DRAW A LINE THROUGH IT AND MARK N/A. FILL IN CONTROL BLOCK AND PREPARED BY.
3. ALL ENTRIES ON LOG ARE TO BE COMPLETED, IF NOT APPLICABLE MARK N/A.
4. DATE: USE MONTH/DAY/YEAR; I.E., 10/30/85
5. TIME: USE 24-HOUR CLOCK; I.E., 1835 FOR 8:35 P.M.
6. PAGE: EACH SAMPLE TEAM SHOULD NUMBER PAGE ____ OF ____ FOR THE DAY'S ACTIVITIES FOR ALL SHEETS PREPARED ON A SINGLE DAY, I.E., IF THERE ARE A TOTAL OF 24 PAGES (INCLUDING FRONT AND BACK) NUMBER 1 OF 24, 2 OF 24, ETC.
7. SAMPLE LOCATION: USE BORING OR MONITORING WELL NUMBER, GRID LOCATION (TRANSECT), SAMPLING STATION I.D., OR COORDINATE TO PHYSICAL FEATURES WITH DISTANCES. INCLUDE SKETCH IN COMMENT SECTION IF NECESSARY.
8. SAMPLE TYPE: USE THE FOLLOWING - SOIL: WATER (SURFACE OR GROUND); AIR (FILTERS, TUBES, AMBIENT, PERSONNEL); SLUDGE; DRUM CONTENTS. OIL; VEGETATION; WIPE; SEDIMENT.
9. COMPOSITE TYPE: I.E., 24-HOUR, LIST SAMPLE NUMBERS IN COMPOSITE, SPATIAL COMPOSITE.
10. DEPTH OF SAMPLE: GIVE UNITS. WRITE OUT UNITS SUCH AS INCHES, FEET. DON'T USE " OR '.
11. WEATHER: APPROXIMATE TEMPERATURE, SUN AND MOISTURE CONDITIONS.
12. CONTAINERS USED: LIST EACH CONTAINER TYPE AS NUMBER, VOLUME, MATERIAL (E.G., 2 - 1L GLASS; 4 - 40 ML GLASS VIAL; 1 - 400 ML PLASTIC; 1 - 3 INCH STEEL TUBE; 1 - 8 OZ. GLASS JAR).
13. AMOUNT COLLECTED: VOLUME IN CONTAINERS (E.G. 1/2 FULL).



DATE	1	2	0	9	9	3
TIME	0	9	3	1		
PAGE	3	OF				
PAGE						
PROJECT NO.	301965					

403.04.004

SAMPLE COLLECTION LOG

PROJECT NAME SALMONSAMPLE NO. TR2ES-356N-175E-8ZSAMPLE LOCATION TRENCH 2 - REECO. PITS.SAMPLE TYPE Soil - GRABCOMPOSITE YES ☒ NO ☐COMPOSITE TYPE N/ADEPTH OF SAMPLE 8 feetWEATHER OVERCAST; HUMIDCONTAINERS
USEDAMOUNT
COLLECTED

120ml AG

FILLED

500ml AG

FILLED

COMMENTS:	175E	356N	8Z
380'			
370'			
360'			
350'			
340'			

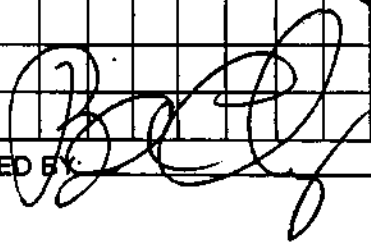
TR2ES-356N-175E-8Z

PREPARED BY:

COMMENTS:
(Continued)

DATE	1	2	0	9	9	3
TIME	9	9	3	1		
PAGE	9				OF	
PAGE						
PROJECT NO.	301965					

4103.04.0041

PREPARED BY: 

LEGEND

1. A SAMPLE COLLECTION LOG IS TO BE COMPLETED FOR EACH SAMPLE.
2. ALWAYS COMPLETE BOTH SIDES. IF SECOND SIDE IS NOT USED, DRAW A LINE THROUGH IT AND MARK N/A. FILL IN CONTROL BLOCK AND PREPARED BY.
3. ALL ENTRIES ON LOG ARE TO BE COMPLETED, IF NOT APPLICABLE MARK N/A.
4. DATE: USE MONTH/DAY/YEAR: I.E., 10/30/85
5. TIME: USE 24-HOUR CLOCK: I.E., 1835 FOR 6:35 P.M.
6. PAGE: EACH SAMPLE TEAM SHOULD NUMBER PAGE _____ OF _____ FOR THE DAY'S ACTIVITIES FOR ALL SHEETS PREPARED ON A SINGLE DAY, I.E., IF THERE ARE A TOTAL OF 24 PAGES (INCLUDING FRONT AND BACK) NUMBER 1 OF 24, 2 OF 24, ETC.
7. SAMPLE LOCATION: USE BORING OR MONITORING WELL NUMBER, GRID LOCATION (TRANSECT), SAMPLING STATION I.D., OR COORDINATE TO PHYSICAL FEATURES WITH DISTANCES. INCLUDE SKETCH IN COMMENT SECTION IF NECESSARY.
8. SAMPLE TYPE: USE THE FOLLOWING - SOIL: WATER (SURFACE OR GROUND); AIR (FILTERS, TUBES, AMBIENT, PERSONNEL); SLUDGE; DRUM CONTENTS, OIL: VEGETATION: WIPE: SEDIMENT
9. COMPOSITE TYPE: I.E., 24-HOUR, LIST SAMPLE NUMBERS IN COMPOSITE, SPATIAL COMPOSITE.
10. DEPTH OF SAMPLE: GIVE UNITS, WRITE OUT UNITS SUCH AS INCHES, FEET. DON'T USE ' OR ".
11. WEATHER: APPROXIMATE TEMPERATURE, SUN AND MOISTURE CONDITIONS.
12. CONTAINERS USED: LIST EACH CONTAINER TYPE AS NUMBER, VOLUME, MATERIAL (E.G., 2 - 1L GLASS; 4 - 40 ML GLASS VIAL; 1 - 400 ML PLASTIC; 1 - 3 INCH STEEL TUBE; 1 - 8 OZ. GLASS JAR).
13. AMOUNT COLLECTED: VOLUME IN CONTAINERS (E.G. 1/2 FULL).

SAMPLE COLLECTION LOG

403.04.004

PROJECT NAME SALMON

SAMPLE NO. TR2A-ES-360N-200E-82

SAMPLE LOCATION TRENCH 2A - REGG PITS.

SAMPLE TYPE Soil GRAB

COMPOSITE YES ☒ NO

COMPOSITE TYPE N/A

DEPTH OF SAMPLE 8 feet

WEATHER Chy 50

CONTAINERS
USED

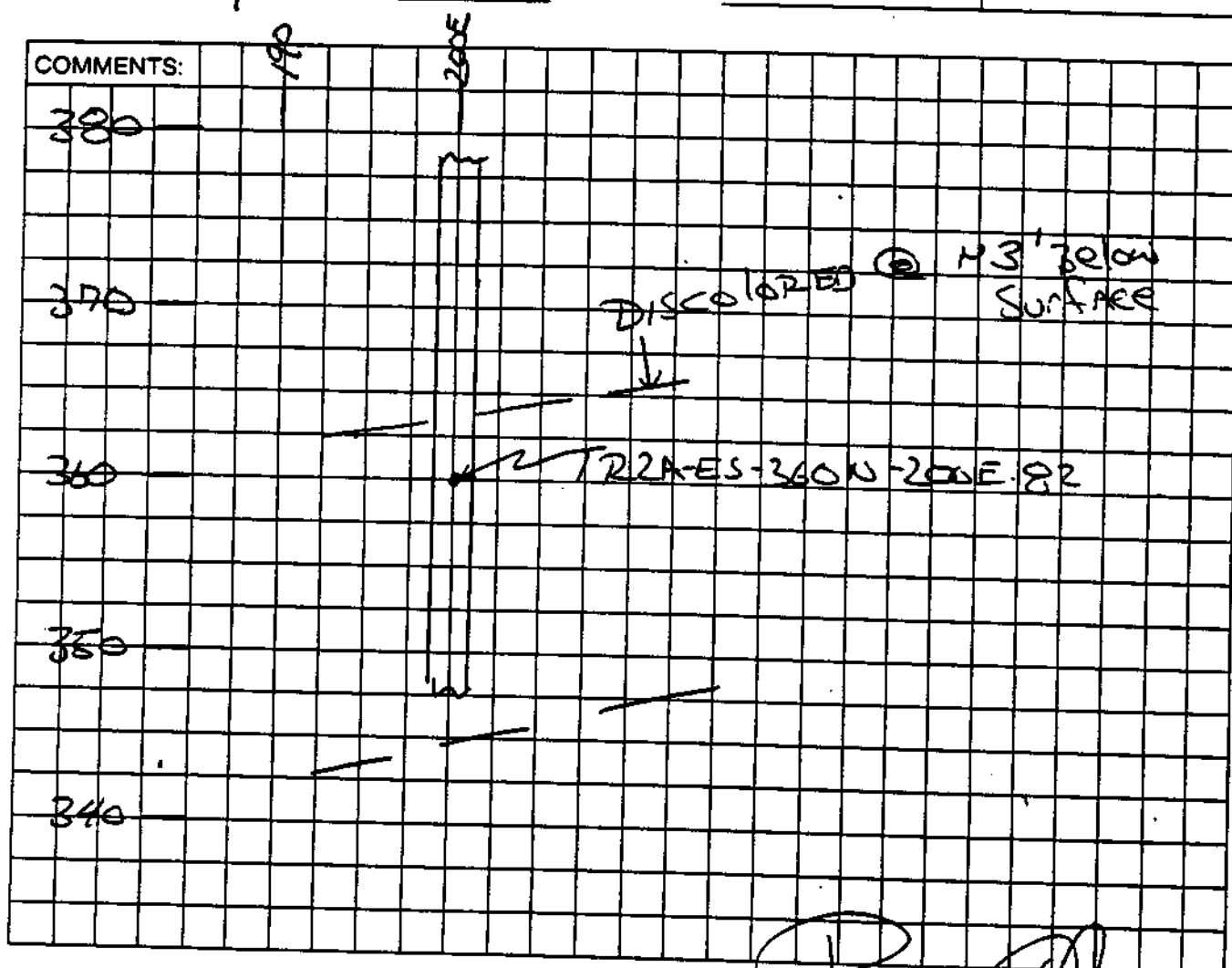
AMOUNT
COLLECTED

120ml AG

190% Filled

500 ml AG

Filled



PREPARED BY:

[Signature]

PREPARED BY:



DATE	1	2	0	9	9	3
TIME	1	3	0	0		
PAGE	___		OF ___			
PAGE						
PROJECT NO. 30965						

4/55.04.004

SAMPLE COLLECTION LOG

PROJECT NAME SALMON

SAMPLE NO. TR2A-ES-365N-200E-3.52

SAMPLE LOCATION TRENCH 2A - REECO. PITS.

SAMPLE TYPE Sail GDRAB

COMPOSITE	CONTAINERS USED	AMOUNT COLLECTED
<u>YES</u> ☒ <u>NO</u> ☐		
COMPOSITE TYPE <u>N/A</u>	<u>120 ml AG</u>	<u>90% Full</u>
DEPTH OF SAMPLE <u>3.5 feet</u>	<u>500 ml AG</u>	<u>Full</u>
WEATHER <u>Pcldy 50°</u>		

COMMENTS:

380

370

360

350

340

190

200

210

220

230

240

250

260

270

280

290

300

310

320

330

340

350

360

370

380

390

400

410

420

430

440

450

460

470

480

490

500

510

520

530

540

550

560

570

580

590

600

610

620

630

640

650

660

670

680

690

700

710

720

730

740

750

760

770

780

790

800

810

820

830

840

850

860

870

880

890

900

910

920

930

940

950

960

970

980

990

1000

1010

1020

1030

1040

1050

1060

1070

1080

1090

1100

1110

1120

1130

1140

1150

1160

1170

1180

1190

1200

1210

1220

1230

1240

1250

1260

1270

1280

1290

1300

1310

1320

1330

1340

1350

1360

1370

1380

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1500

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1600

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1630

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1700

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1720

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1800

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2100

2110

2120

2130

2140

2150

2160

2170

2180

2190

2200

2210

2220

2230

2240

2250

2260

2270

2280

2290

2300

2310

2320

2330

2340

2350

2360

2370

2380

2390

2400

2410

2420

2430

2440

2450

2460

2470

2480

2490

2500

2510

2520

2530

2540

2550

2560

2570

2580

2590

2600

2610

2620

2630

2640

2650

2660

2670

2680

2690

2700

2710

2720

2730

2740

2750

2760

2770

2780

2790

2800

2810

2820

2830

2840

2850

2860

2870

2880

2890

2900

2910

2920

2930

2940

2950

2960

2970

2980

2990

3000

3010

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PREPARED BY:



DATE	1	2	0	9	9	3
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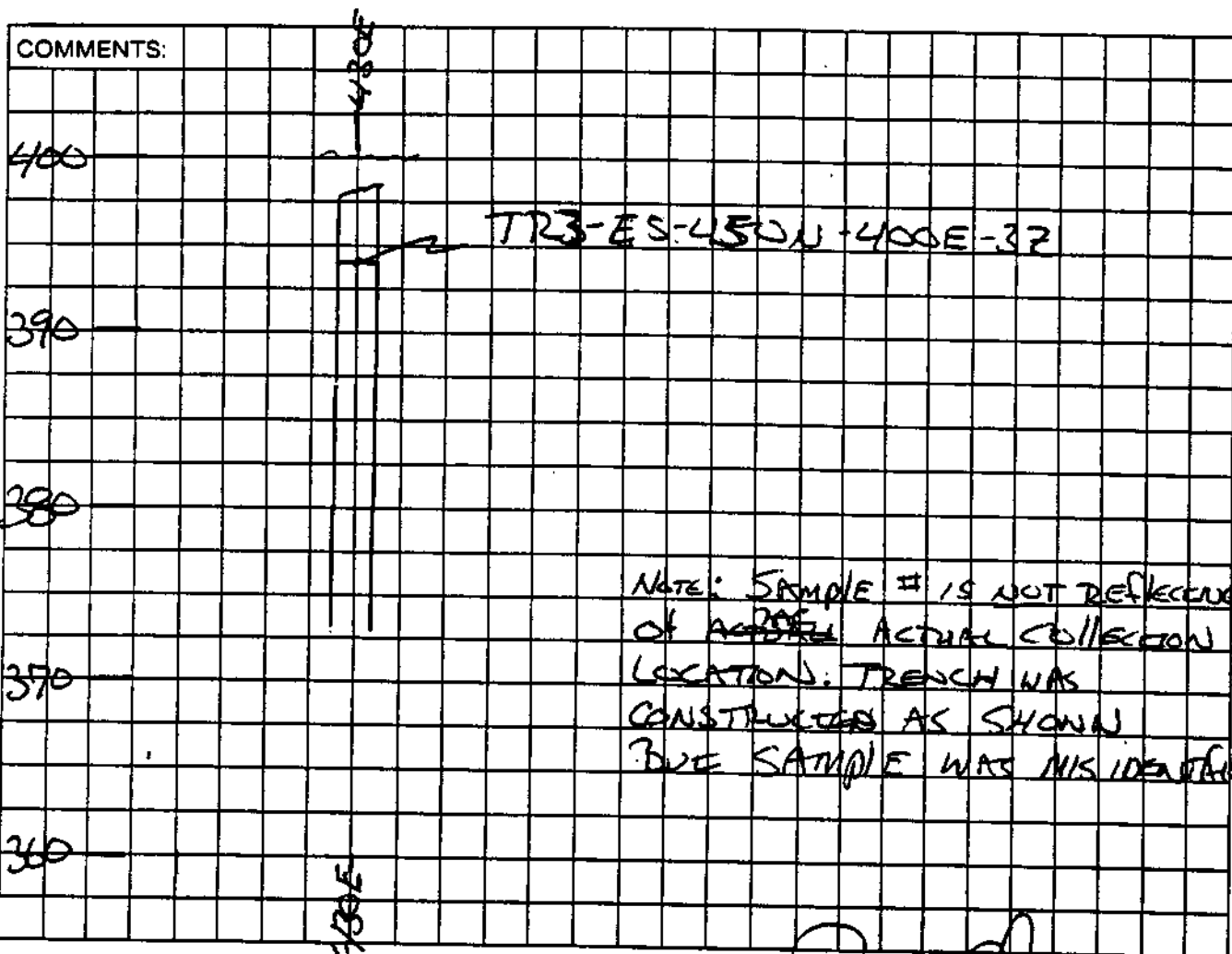
403.04.004

SAMPLE COLLECTION LOG

PROJECT NAME SALMONSAMPLE NO. TR3-ES-450N-400E-3ZSAMPLE LOCATION TRENCH 3 - REECB PITSSAMPLE TYPE SOIL GDRBCOMPOSITE YES NOCOMPOSITE TYPE A/ADEPTH OF SAMPLE 3 feetWEATHER CLDY - 45°CONTAINERS
USEDAMOUNT
COLLECTED

120 ml AG.	90% Full
500 ml AG	Full

COMMENTS:



PREPARED BY:

Bach



**INTERNATIONAL
TECHNOLOGY
CORPORATION**

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TIME	1	5	2	8		
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PROJECT NO.	32965.408					

04.004

SAMPLE COLLECTION LOG

PROJECT NAME SALMON

SAMPLE NO. TD3-ES-430N-400E-152

SAMPLE LOCATION TRENCH 3

SAMPLE TYPE So.1 GRAB

COMPOSITE YES ☒ NO

COMPOSITE TYPE N/A.

DEPTH OF SAMPLE 15 feet

WEATHER PTly Cloudy

CONTAINERS USED	AMOUNT COLLECTED
120 ml AG	Full
500 ml AG	Full

COMMENTS:

4100

390

380

370

360

430E

TR3-ES-430W-400E-152

NOTE: SAMPLE # IS NOT REFLECTIVE OF ACTUAL COLLECTION LOCATION. TRENCH WAS CONSTRUCTED AS SHOWN BUT SAMPLE WAS MISIDENTIFIED

PREPARED BY:

COMMENTS: (Continued)	
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DATE	1	2	0	9	9	3
TIME	1	5	2	8		
PAGE	R OF R					
PAGE						
PROJECT NO. 30965						
40104-004.						

PREPARED BY:

LEGEND

1. A SAMPLE COLLECTION LOG IS TO BE COMPLETED FOR EACH SAMPLE.
2. ALWAYS COMPLETE BOTH SIDES. IF SECOND SIDE IS NOT USED, DRAW A LINE THROUGH IT AND MARK N/A. FILL IN CONTROL BLOCK AND PREPARED BY.
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5. TIME: USE 24-HOUR CLOCK: I.E., 1835 FOR 6:35 P.M.
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9. COMPOSITE TYPE: I.E., 24-HOUR, LIST SAMPLE NUMBERS IN COMPOSITE, SPATIAL COMPOSITE.
10. DEPTH OF SAMPLE: GIVE UNITS. WRITE OUT UNITS SUCH AS INCHES, FEET. DON'T USE ' OR ''.
11. WEATHER: APPROXIMATE TEMPERATURE, SUN AND MOISTURE CONDITIONS.
12. CONTAINERS USED: LIST EACH CONTAINER TYPE AS NUMBER, VOLUME, MATERIAL (E.G., 2 - 1L GLASS; 4 - 40 ML GLASS VIAL; 1 - 400 ML PLASTIC; 1 - 3 INCH STEEL TUBE; 1 - 8 OZ. GLASS JAR).
13. AMOUNT COLLECTED: VOLUME IN CONTAINERS (E.G. 1/2 FULL).



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PAGE	1			OF	2	
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PROJECT NO.	30465					

4103.04.001

SAMPLE COLLECTION LOG

PROJECT NAME SALMON

SAMPLE NO. TR 4-ES-260-490-8

SAMPLE LOCATION TRENCH 4 - DEE LO PITS

SAMPLE TYPE SOIL GRAB

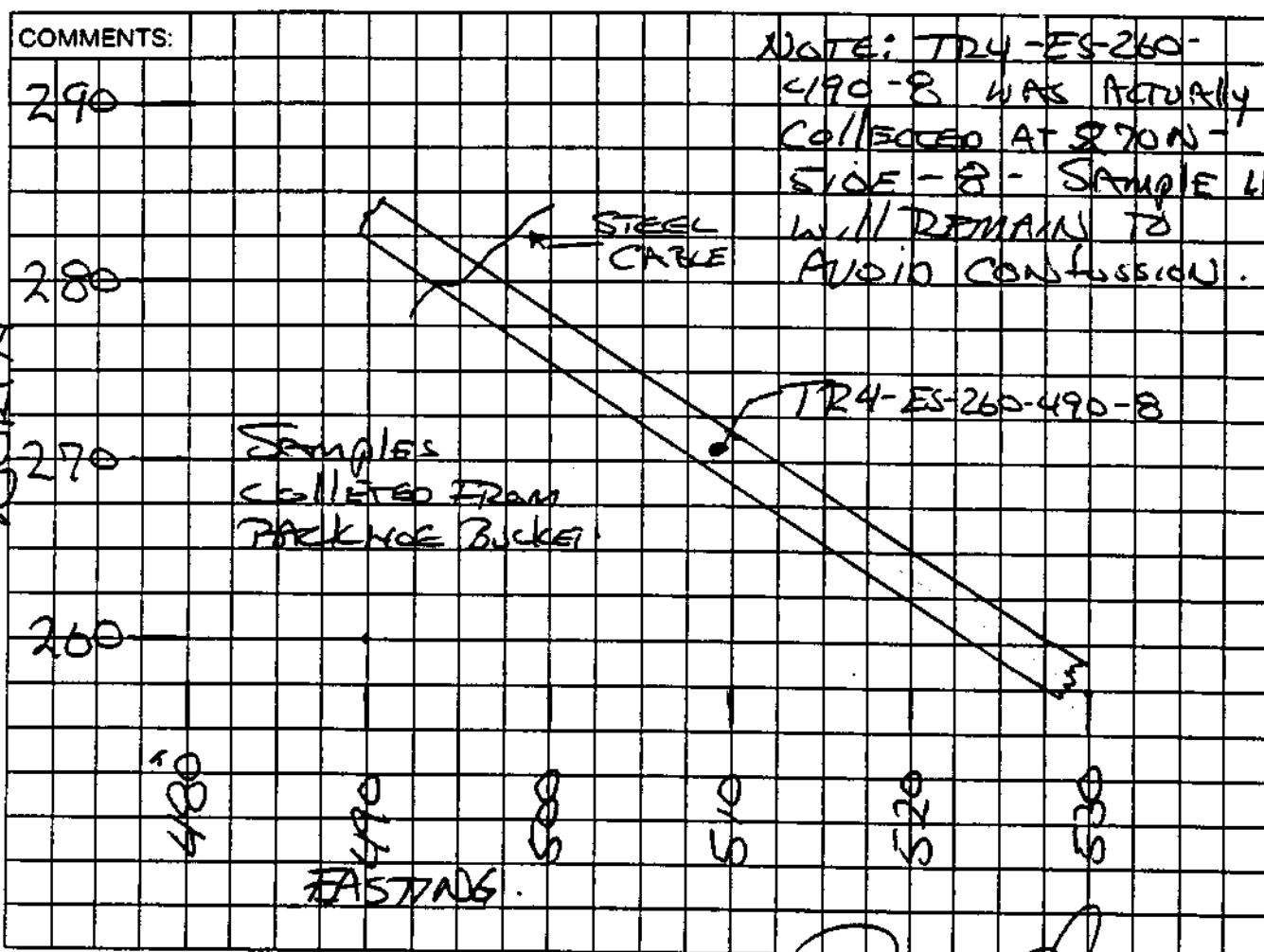
COMPOSITE YES NO

COMPOSITE TYPE N/A

DEPTH OF SAMPLE 8 FEET

WEATHER 45° ~~SE~~ COOL, CLEAR

CONTAINERS USED	AMOUNT COLLECTED
120ml AG	120ml
500ml AG	500ml



PREPARED BY:

COMMENTS:
(Continued)

DATE	1	2	/	1	9	3
TIME	0	8	:	3	7	
PAGE	2	OF	2			
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PROJECT NO.						

N/A

PREPARED BY:



LEGEND

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11. WEATHER: APPROXIMATE TEMPERATURE, SUN AND MOISTURE CONDITIONS.
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13. AMOUNT COLLECTED: VOLUME IN CONTAINERS (E.G., 1/2 FULL).



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4103.04.004

SAMPLE COLLECTION LOG

WEATHER Clear Cool.

CONTAINERS USED

AMOUNT
COLLECTED

120 ml AG	~120 ml
-----------	---------

500 mL AG	~500 mL
-----------	---------

COMMENTS:

200

190

180

170

160

TR10-ES-170-790-8

TR10-ES-180-790-85

SAMPLES COLLECTED FROM
BELOW BUCKET.

PREPARED BY:

COMMENTS: (Continued)	N/A
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DATE	1	2	1	9	3
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PAGE	2 OF 4				
PAGE					
PROJECT NO. 36785					
4183.04.004					

PREPARED BY:

LEGEND

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13. AMOUNT COLLECTED: VOLUME IN CONTAINERS (E.G. 1/2 FULL).



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SAMPLE COLLECTION LOG

403.04.004

PROJECT NAME SALMON
SAMPLE NO. TR10-ES-190-790-8
SAMPLE LOCATION TRENCH 10-REELO
SAMPLE TYPE Soil GRAB
COMPOSITE YES NO
COMPOSITE TYPE N/A
DEPTH OF SAMPLE 8 FEET
WEATHER CLEAR COOL

CONTAINERS USED	AMOUNT COLLECTED
120 ML AG	120 ML
500 ML AG	1500 ML

COMMENTS:	
200'	
190	TR10-ES-190-790-8
180	SAMPLE COLLECTED FROM BACK HKE BUCKET
170	
160	

PREPARED BY:

[Signature]

COMMENTS: (Continued)	NO DATA
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DATE 1/21/93
 TIME 1153
 PAGE 4 OF 4
 PAGE
 PROJECT NO. 30965
40304.004

PREPARED BY:

LEGEND

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13. AMOUNT COLLECTED: VOLUME IN CONTAINERS (E.G., 1/2 FULL).

COMMENTS: (Continued)	
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TIME	
PAGE ____ OF ____	
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PROJECT NO.	

PREPARED BY: _____

LEGEND

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13. AMOUNT COLLECTED: VOLUME IN CONTAINERS (E.G., 1/2 FULL).



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SAMPLE COLLECTION LOG

403.04.004

PROJECT NAME	<u>SALMON TEST SITE</u>	
SAMPLE NO.	<u>TR7-ES-560-650-14</u>	
SAMPLE LOCATION	<u>TRENCH 7 SA-2</u>	
SAMPLE TYPE	<u>Soil</u>	
COMPOSITE	<u>YES</u>	☒ NO
COMPOSITE TYPE	<u>14' GRAB</u>	
DEPTH OF SAMPLE	<u>14'</u>	
WEATHER	<u>OVERCAST</u>	
CONTAINERS USED		AMOUNT COLLECTED
<u>1 500 ml A.91</u>		<u>500 ml</u>
<u>1 120 ml A.91</u>		<u>120 ml</u>

COMMENTS:
560' 650' 14' TRENCH 7 SA-2 TR7-ES-560-650-14 BACKHOE BUCKET SAMPLE BOTTLES ON ICE

PREPARED BY:

[Signature]

COMMENTS: (Continued)	
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DATE	
TIME	
PAGE ____ OF ____	
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PROJECT NO.	

PREPARED BY: _____

LEGEND

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13. AMOUNT COLLECTED: VOLUME IN CONTAINERS (E.G., 1/2 FULL).



INTERNATIONAL
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CORPORATION

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463.64.054

SAMPLE COLLECTION LOG

PROJECT NAME SALMON TEST SITE

SAMPLE NO. TR7-ES-558-650-5

SAMPLE LOCATION TRENCH 7 - SA-2

SAMPLE TYPE Soil

COMPOSITE ☐ YES ☒ NO

COMPOSITE TYPE GRAB

DEPTH OF SAMPLE 5'

WEATHER OVERCAST

CONTAINERS
USED

AMOUNT
COLLECTED

1 500 ml / 0.91 500 ml

1 120 ml / 0.91 120 ml

COMMENTS:

650'		Collected samples from bucket of BACKHOE- PLACED SAMPLES ON ICE.
600'		
575'		
550'		

PREPARED BY:

COMMENTS: (Continued)	<!-- Grid representation --> <!-- Handwritten text --> 22 2/13/83																									
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">DATE</td> <td style="width: 20%; text-align: center;"> </td> <td style="width: 20%; text-align: center;"> </td> <td style="width: 20%; text-align: center;"> </td> <td style="width: 20%; text-align: center;"> </td> </tr> <tr> <td>TIME</td> <td style="text-align: center;"> </td> <td style="text-align: center;"> </td> <td style="text-align: center;"> </td> <td style="text-align: center;"> </td> </tr> <tr> <td>PAGE</td> <td style="text-align: center;"> </td> <td colspan="3" style="text-align: center;">OF</td> </tr> <tr> <td>PAGE</td> <td style="text-align: center;"> </td> <td style="text-align: center;"> </td> <td style="text-align: center;"> </td> <td style="text-align: center;"> </td> </tr> <tr> <td colspan="5">PROJECT NO.</td> </tr> </table>		DATE					TIME					PAGE		OF			PAGE					PROJECT NO.				
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PREPARED BY: _____

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- 9 COMPOSITE TYPE: I.E., 24-HOUR, LIST SAMPLE NUMBERS IN COMPOSITE, SPATIAL COMPOSITE.
- 10 DEPTH OF SAMPLE: GIVE UNITS. WRITE OUT UNITS SUCH AS INCHES, FEET. DON'T USE ' OR ''.
- 11 WEATHER: APPROXIMATE TEMPERATURE, SUN AND MOISTURE CONDITIONS.
- 12 CONTAINERS USED: LIST EACH CONTAINER TYPE AS NUMBER, VOLUME, MATERIAL (E.G., 2 - 1L GLASS; 4 - 40 ML GLASS VIAL; 1 - 400 ML PLASTIC; 1 - 3 INCH STEEL TUBE; 1 - 8 OZ. GLASS JAR).
- 13 AMOUNT COLLECTED: VOLUME IN CONTAINERS (E.G. 1/2 FULL).



INTERNATIONAL
TECHNOLOGY
CORPORATION

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PROJECT NO.	301965.403					

SAMPLE COLLECTION LOG

04.004

PROJECT NAME SALMON TEST SITE

SAMPLE NO. TR 8 - ES - 780 - 600 - 3

SAMPLE LOCATION TRENCH 8

SAMPLE TYPE Soil

COMPOSITE YES NO

COMPOSITE TYPE GRAB

DEPTH OF SAMPLE 3'

WEATHER OVERCAST

CONTAINERS USED	AMOUNT COLLECTED
1 500 ml / A.G.	500 ml
1 120 ml / A.G.	120 ml

COMMENTS:

Collected samples from bucket of backhoe placed sample jars in ice in cooler.

790'N

780'N

CABLE

5' x 5' x 5'

TR 8 - ES - 780 - 600 - 3

TR 8 - ES - 780 - 600 - 3 - MS

TR 8 - ES - 780 - 600 - 3 - MSD

600' E

PREPARED BY:

[Signature]

COMMENTS:
(Continued)

DATE					
TIME					
PAGE				OF	
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PROJECT NO.					

PREPARED BY: _____

LEGEND

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9. COMPOSITE TYPE: I.E., 24-HOUR, LIST SAMPLE NUMBERS IN COMPOSITE, SPATIAL COMPOSITE.
10. DEPTH OF SAMPLE: GIVE UNITS. WRITE OUT UNITS SUCH AS INCHES, FEET. DON'T USE ' OR ''.
11. WEATHER: APPROXIMATE TEMPERATURE, SUN AND MOISTURE CONDITIONS
12. CONTAINERS USED: LIST EACH CONTAINER TYPE AS NUMBER, VOLUME, MATERIAL (E.G., 2 - 1L GLASS; 4 - 40 ML GLASS VIAL; 1 - 400 ML PLASTIC; 1 - 3 INCH STEEL TUBE; 1 - 8 OZ. GLASS JAR)
13. AMOUNT COLLECTED: VOLUME IN CONTAINERS (E.G. 1/2 FULL).

SDG 007
FEDER 0723032923
12/17/93



DATE	1	2	1	4	9	3
TIME	0	9	1	5		
PAGE	1 OF 12					
PAGE						
PROJECT NO.	30965					

SAMPLE COLLECTION LOG

PROJECT NAME SALMON TEST SITE

SAMPLE NO. TR6-ES-495-SBS-12

SAMPLE LOCATION REGO PITS

SAMPLE TYPE GRAB FROM BACKHOE
Soil

COMPOSITE YES ☒ NO

COMPOSITE TYPE

DEPTH OF SAMPLE 12 Feet

WEATHER Overcast

CONTAINERS
USED

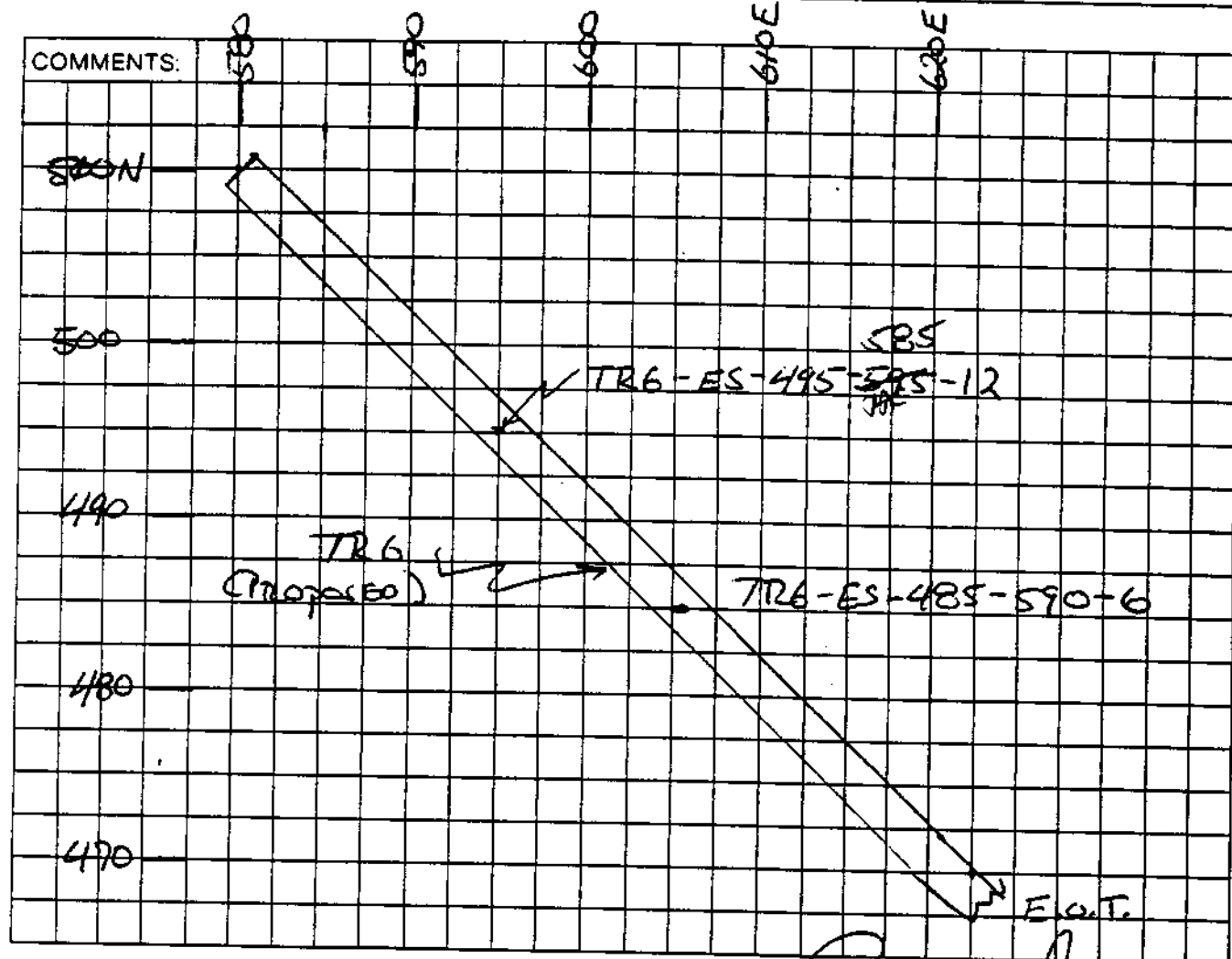
AMOUNT
COLLECTED

AG 120 mL

20 mL

AG 500 mL

500 mL



PREPARED BY:

[Signature]

COMMENTS: (Continued)	SAMPLE REPORTED (LABELS)	
	AS TRG-ES-495-585-12	
	TRG-ES-495-585-12	
	BUT WAS ACTUALLY COLLECTED SHOULD	
	BE TRG-ES-495-595-12. IN ORDER	
TO ELIMINATE CONFUSION - THE ORIGINAL		DATE 12/14/93
SAMPLE # WILL BE MAINTAINED		TIME 0915
		PAGE 2 OF 12
		PAGE
		PROJECT NO. 30965

12/15/93

PREPARED BY:

LEGEND

1. A SAMPLE COLLECTION LOG IS TO BE COMPLETED FOR EACH SAMPLE
2. ALWAYS COMPLETE BOTH SIDES. IF SECOND SIDE IS NOT USED, DRAW A LINE THROUGH IT AND MARK N/A. FILL IN CONTROL BLOCK AND PREPARED BY.
3. ALL ENTRIES ON LOG ARE TO BE COMPLETED. IF NOT APPLICABLE MARK N/A.
4. DATE: USE MONTH/DAY/YEAR: I.E., 10/30/85
5. TIME: USE 24-HOUR CLOCK: I.E., 1835 FOR 6:35 P.M.
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11. WEATHER: APPROXIMATE TEMPERATURE, SUN AND MOISTURE CONDITIONS.
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13. AMOUNT COLLECTED: VOLUME IN CONTAINERS (E.G., 1/2 FULL).



DATE	1	2	1	4	9	3
TIME	0	9	3	1		
PAGE	3 OF 12					
PAGE						
PROJECT NO.	30965					

SAMPLE COLLECTION LOG

403.04.004

PROJECT NAME SALMON TEST SITESAMPLE NO. TR6-ES-485-590-6SAMPLE LOCATION REECOSAMPLE TYPE SoilCOMPOSITE ☐ YES ☒ NO

COMPOSITE TYPE _____

DEPTH OF SAMPLE 6WEATHER OVERCASTCONTAINERS
USEDAMOUNT
COLLECTED

120 ml AG

120 ml

500 ml AG

500 ml

COMMENTS:

510N	590	600	605E						
500									
490									
480									
470N									

TRENCH 6 →

TR6-ES-485-590-6

NOTE - SAMPLE WAS COLLECTED ~~AT~~ AT 485N, 605E BUT WAS LABELED AS 590E - LABEL WILL REMAIN I.D. TO AVOID CONFUSION

PREPARED BY:



DATE	1	2	1	4	9	3
TIME	1	3	1	5		
PAGE	5 OF 12					
PAGE						
PROJECT NO.	301965					

SAMPLE COLLECTION LOG

403.04.004

PROJECT NAME SALMON TEST SITESAMPLE NO. TR B-ES-210-1110-6

SAMPLE LOCATION _____

SAMPLE TYPE SoilCOMPOSITE YES NO

COMPOSITE TYPE _____

DEPTH OF SAMPLE 6WEATHER OVERCAST, COOLCONTAINERS
USEDAMOUNT
COLLECTED

120 ml AG 120 ml

500 ml AG 120 ml

COMMENTS:	1110E	1120E	1130E	1140E	1150E
220N					
210N	TRENCH 13 TR B-ES 210-1110-6 TR B-ES-212-1150-6 DISCOLORATION and odor @ 3'				
200N					

PREPARED BY:

COMMENTS:
(Continued)

DATE 12/4/93
TIME 1315
PAGE 6 OF 12
PAGE
PROJECT NO. 301965

410304.004

Grid area for data entry and sketching. A diagonal line is drawn across the grid, and the word "NONE" is written along it.

PREPARED BY:

[Signature]

LEGEND

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- 13 AMOUNT COLLECTED: VOLUME IN CONTAINERS (E.G., 1/2 FULL)



INTERNATIONAL
TECHNOLOGY
CORPORATION

DATE	1	21	493
TIME	1	41	4
PAGE	7 OF 12		
PAGE			
PROJECT NO.	30965		

SAMPLE COLLECTION LOG

403.04.004

PROJECT NAME SALMON

SAMPLE NO. TR13-ES-212-1150-6

SAMPLE LOCATION REEG PITS - SA-2

SAMPLE TYPE Soil

COMPOSITE YES NO

COMPOSITE TYPE

DEPTH OF SAMPLE 6

WEATHER Overcast - Cool

CONTAINERS
USED

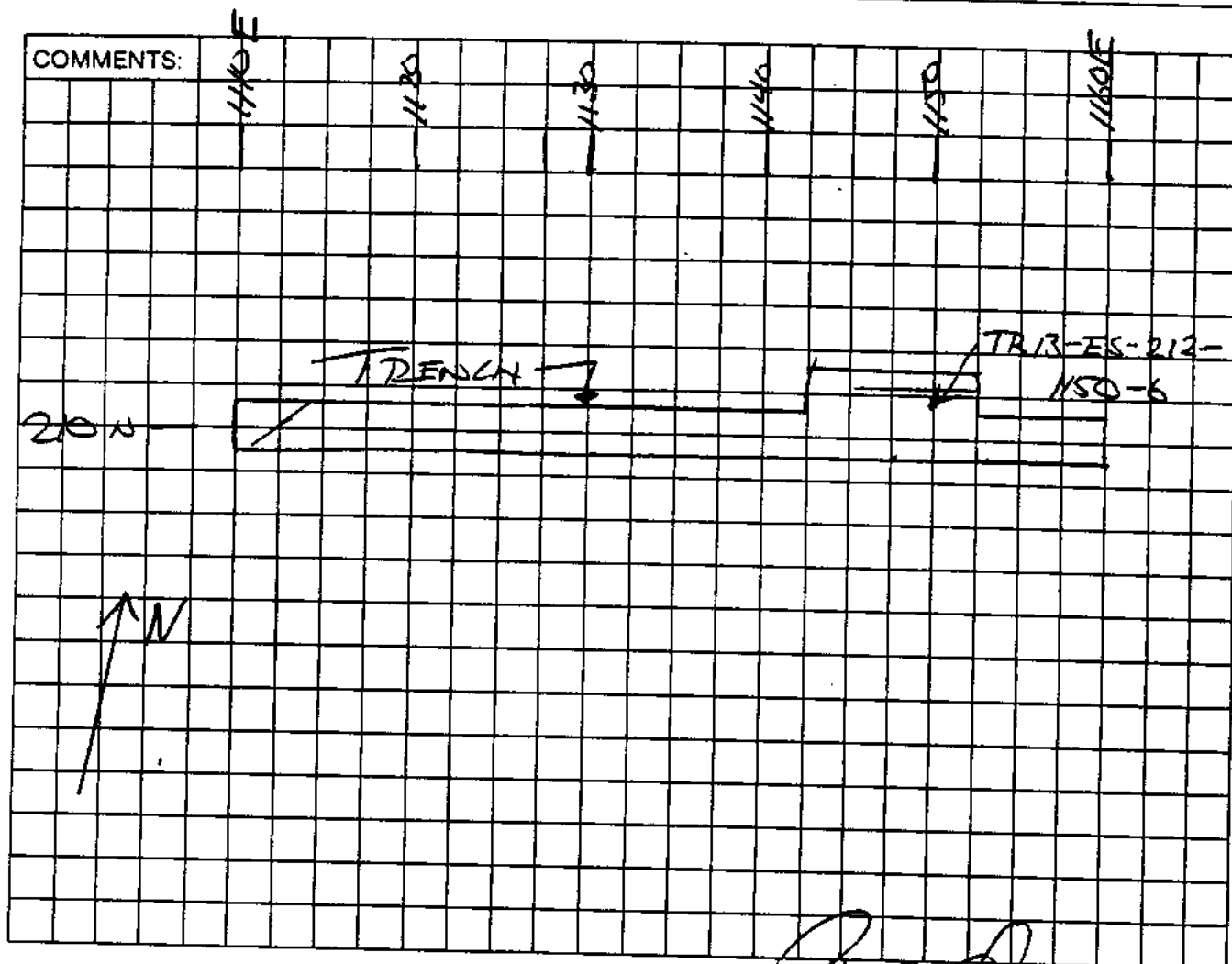
AMOUNT
COLLECTED

120 ML AG

120 mL

500 ML AG

500 mL



PREPARED BY:

[Signature]

COMMENTS: (Continued)	
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DATE	12/4/93
TIME	1414
PAGE	8 OF 12
PAGE	
PROJECT NO. 301965	

403.041000

PREPARED BY: _____

LEGEND

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13. AMOUNT COLLECTED: VOLUME IN CONTAINERS (E.G., 1/2 FULL).



DATE	1	2	1	4	9	3
TIME	1	5	2	6		
PAGE	9 OF 12					
PAGE						
PROJECT NO.	304965.403 04.004					

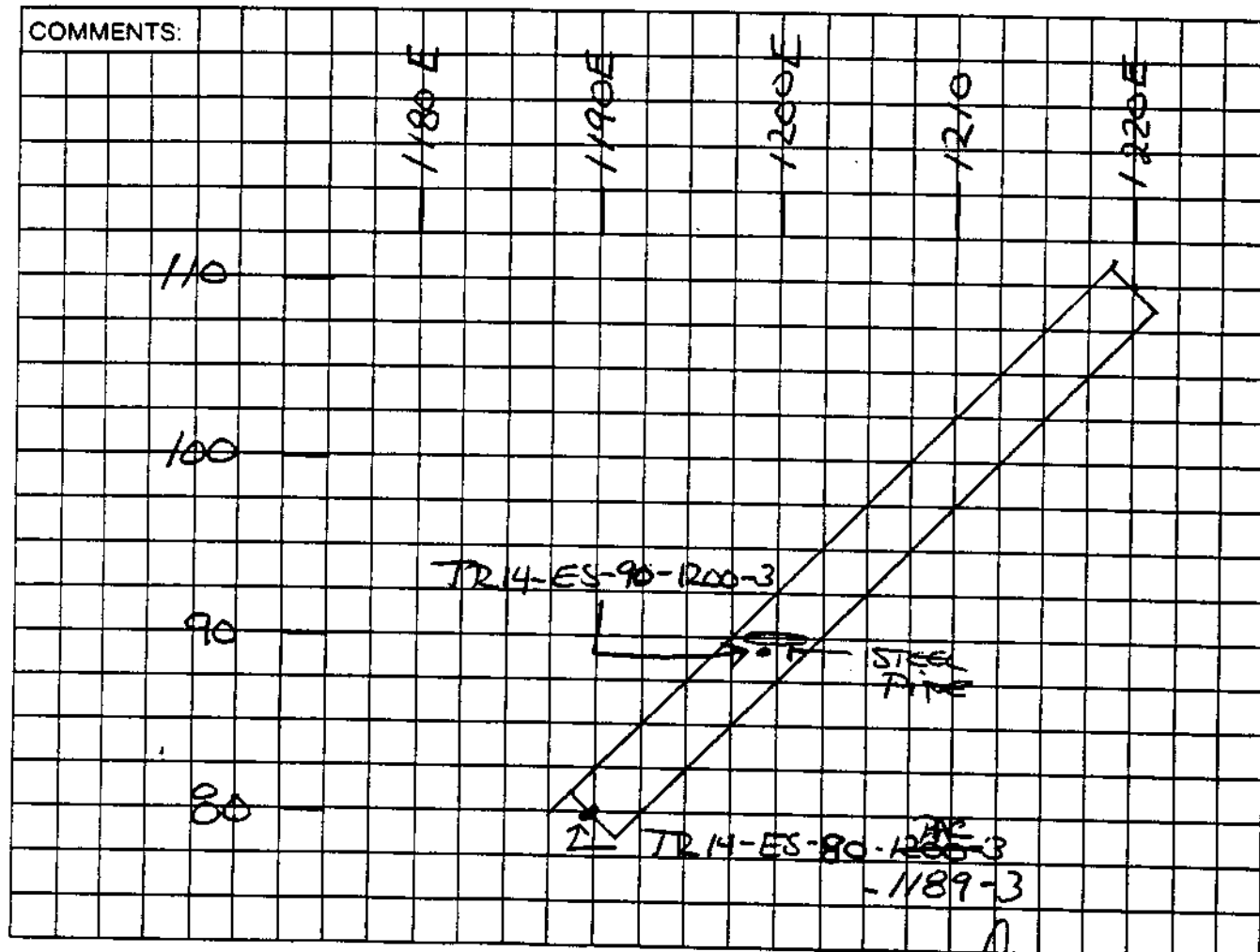
SAMPLE COLLECTION LOG

PROJECT NAME SALMON TEST SITESAMPLE NO. TR14-ES-90-1200-3SAMPLE LOCATION REECO PMS.SAMPLE TYPE SOILCOMPOSITE YES ☒ NO ☐

COMPOSITE TYPE _____

DEPTH OF SAMPLE 3 FEETWEATHER Overcast CoolCONTAINERS
USEDAMOUNT
COLLECTED120 ml AG120500 ml AG500 ml

COMMENTS:

PREPARED BY: B. J. [Signature]

COMMENTS: (Continued)	
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DATE	1	2	4	9	3
TIME	1	5	2	6	
PAGE	10 OF 12				
PAGE					
PROJECT NO. 301965					
40304.004					

PREPARED BY:

LEGEND

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- 13 AMOUNT COLLECTED: VOLUME IN CONTAINERS (E.G., 1/2 FULL).

506 009



INTERNATIONAL
TECHNOLOGY
CORPORATION

DATE	1	2	1	4	9	3
TIME	1	5	3	9		
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PROJECT NO.	34965					

SAMPLE COLLECTION LOG

403.04.004

PROJECT NAME SALMONSAMPLE NO. TRH-ES-80-1189-3SAMPLE LOCATION RECO PITSSAMPLE TYPE SoilCOMPOSITE YES NOCOMPOSITE TYPE DEPTH OF SAMPLE 3 FEETWEATHER overcast - coolCONTAINERS
USEDAMOUNT
COLLECTED120 ml A6120 ml500 ml A6500 ml

COMMENTS:

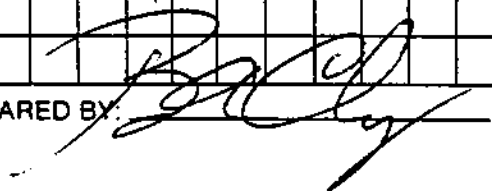
SEE Sample Collection Log For
TRH-ES 90-1200-3.

PREPARED BY:

COMMENTS:
(Continued)

DATE 1/21/93
TIME 10:53:19
PAGE 12 OF 12
PAGE
PROJECT NO. 301465

410304.004

PREPARED BY: 

LEGEND

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- 13 AMOUNT COLLECTED: VOLUME IN CONTAINERS (E.G., 1/2 FULL)

SAMPLE COLLECTION LOG

403.04.004

PROJECT NAME SALMON
 SAMPLE NO. TR11-ES-180-930-2
 SAMPLE LOCATION TRENCH 11 - REECS PITS AREA
 SAMPLE TYPE SOIL GRAB
 COMPOSITE YES NO
 COMPOSITE TYPE N/A
 DEPTH OF SAMPLE 2 FEET
 WEATHER Cloudy Cool 240°F

CONTAINERS USED	AMOUNT COLLECTED
120 ml AG	120
2x 250 ml AG	500

COMMENTS:	
900E	910E
920E	930E
940E	950E
180	180N
TR11-ES-180-930-2 COLLECTED SAMPLE FROM BACKHOE BUCKET	

PREPARED BY:

[Signature]

COMMENTS: (Continued)		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">DATE</td> <td style="width: 10px;"></td> <td style="width: 10px;"></td> <td style="width: 10px;"></td> <td style="width: 10px;"></td> <td style="width: 10px;"></td> </tr> <tr> <td style="padding: 2px;">TIME</td> <td style="width: 10px;"></td> <td style="width: 10px;"></td> <td style="width: 10px;"></td> <td style="width: 10px;"></td> <td style="width: 10px;"></td> </tr> <tr> <td style="padding: 2px;">PAGE</td> <td colspan="5" style="text-align: center;">____ OF ____</td> </tr> <tr> <td style="padding: 2px;">PAGE</td> <td style="width: 10px;"></td> <td style="width: 10px;"></td> <td style="width: 10px;"></td> <td style="width: 10px;"></td> <td style="width: 10px;"></td> </tr> <tr> <td style="padding: 2px;">PROJECT NO.</td> <td colspan="5"></td> </tr> </table>	DATE						TIME						PAGE	____ OF ____					PAGE						PROJECT NO.					
DATE																																
TIME																																
PAGE	____ OF ____																															
PAGE																																
PROJECT NO.																																

PREPARED BY: _____

LEGEND

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13. AMOUNT COLLECTED: VOLUME IN CONTAINERS (E.G., 1/2 FULL).

506009



DATE	1	2	1	5	9	3
TIME	0	8	5	3		
PAGE	1	OF	6			
PAGE						
PROJECT NO.	30965					

SAMPLE COLLECTION LOG

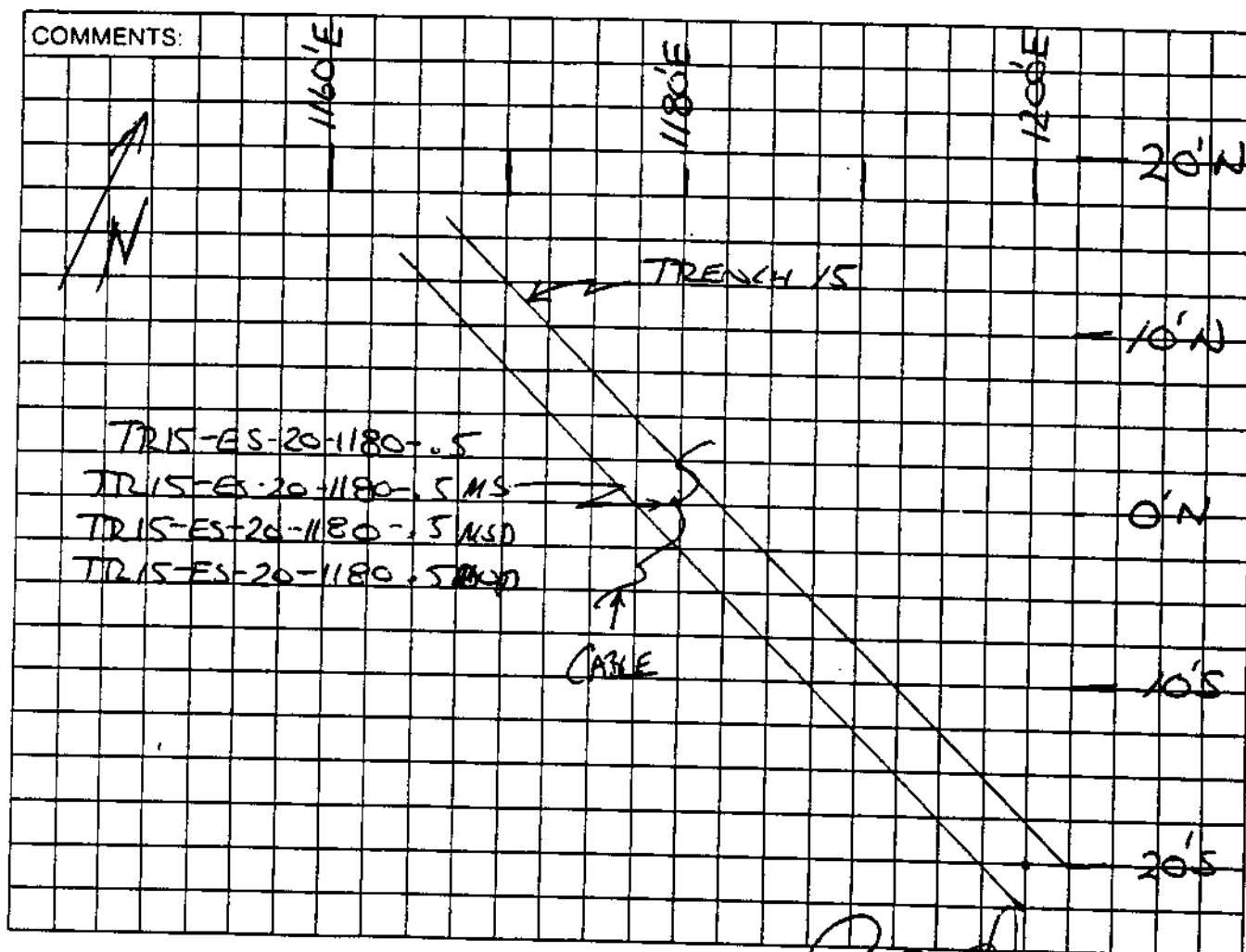
403.04.004

PROJECT NAME SALMONSAMPLE NO. TR15-ES-20-1180-0.5MSSAMPLE LOCATION TRENCH 15 REECO PITSSAMPLE TYPE SoilCOMPOSITE YES NO

COMPOSITE TYPE _____

DEPTH OF SAMPLE 5 feetWEATHER Clear, CoolCONTAINERS
USEDAMOUNT
COLLECTED

3
~~1000~~ 120 ml AG 360 ml
 B x 250 ml AG 2000 ml



PREPARED BY:

COMMENTS:
(Continued)

DATE 1 2 / 5 9 3
TIME 0 8 5 3
PAGE 2 OF 6
PAGE
PROJECT NO. 30965,
403.04.004

11

NONE

PREPARED BY:

[Signature]

LEGEND

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- 13 AMOUNT COLLECTED: VOLUME IN CONTAINERS (E.G., 1/2 FULL).



INTERNATIONAL
TECHNOLOGY
CORPORATION

DATE	1	2	/	5	9	3
TIME	1	0	/	5		
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PROJECT NO.	30965					

SAMPLE COLLECTION LOG

403.04.004

PROJECT NAME SALMON
SAMPLE NO. TRIB-ES-200-80-15
SAMPLE LOCATION TRENCH 16 DISPOSAL AREA 5
SAMPLE TYPE SOIL GRAB
COMPOSITE YES NO
COMPOSITE TYPE NA
DEPTH OF SAMPLE 1.5 FEET
WEATHER 47°F / CLOUDY

CONTAINERS USED	AMOUNT COLLECTED
<u>120ml A GLASS</u>	<u>120 ml</u>
<u>2x 250ml A. GLASS</u>	<u>500 ml</u>

COMMENTS:
DISPOSAL AREA 5 GRID COORD. 225 200 190 180 80E COLLECTED SAMPLE FROM BELOW STEEL CASING SEE PHOTO TRIB-ES-200-80-1.5

PREPARED BY:

[Signature]

COMMENTS: (Continued)	
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DATE					
TIME					
PAGE	____ OF ____				
PAGE					
PROJECT NO.					

PREPARED BY: _____

LEGEND

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7. SAMPLE LOCATION: USE BORING OR MONITORING WELL NUMBER, GRID LOCATION (TRANSECT), SAMPLING STATION I.D., OR COORDINATE TO PHYSICAL FEATURES WITH DISTANCES. INCLUDE SKETCH IN COMMENT SECTION IF NECESSARY.
8. SAMPLE TYPE: USE THE FOLLOWING - SOIL: WATER (SURFACE OR GROUND); AIR (FILTERS, TUBES, AMBIENT, PERSONNEL); SLUDGE; DRUM CONTENTS, OIL; VEGETATION; WIPE; SEDIMENT
9. COMPOSITE TYPE: I.E., 24-HOUR, LIST SAMPLE NUMBERS IN COMPOSITE, SPATIAL COMPOSITE.
10. DEPTH OF SAMPLE: GIVE UNITS. WRITE OUT UNITS SUCH AS INCHES, FEET. DON'T USE ' OR ''.
11. WEATHER: APPROXIMATE TEMPERATURE, SUN AND MOISTURE CONDITIONS.
12. CONTAINERS USED: LIST EACH CONTAINER TYPE AS NUMBER, VOLUME, MATERIAL (E.G., 2 - 1L GLASS; 4 - 40 ML GLASS VIAL; 1 - 400 ML PLASTIC; 1 - 3 INCH STEEL TUBE, 1 - 8 OZ. GLASS JAR).
13. AMOUNT COLLECTED: VOLUME IN CONTAINERS (E.G., 1/2 FULL).



DATE	1	2	1	6	9	3
TIME	0	9	0	0		
PAGE	1 OF 4					
PAGE						
PROJECT NO.	301965					

SAMPLE COLLECTION LOG

403-04-002

PROJECT NAME SALMONSAMPLE NO. TR17-ES-30-125-5SAMPLE LOCATION "GAS STATION"SAMPLE TYPE SoilCOMPOSITE YES NOCOMPOSITE TYPE NADEPTH OF SAMPLE 5 feetWEATHER cool overcastCONTAINERS
USEDAMOUNT
COLLECTED

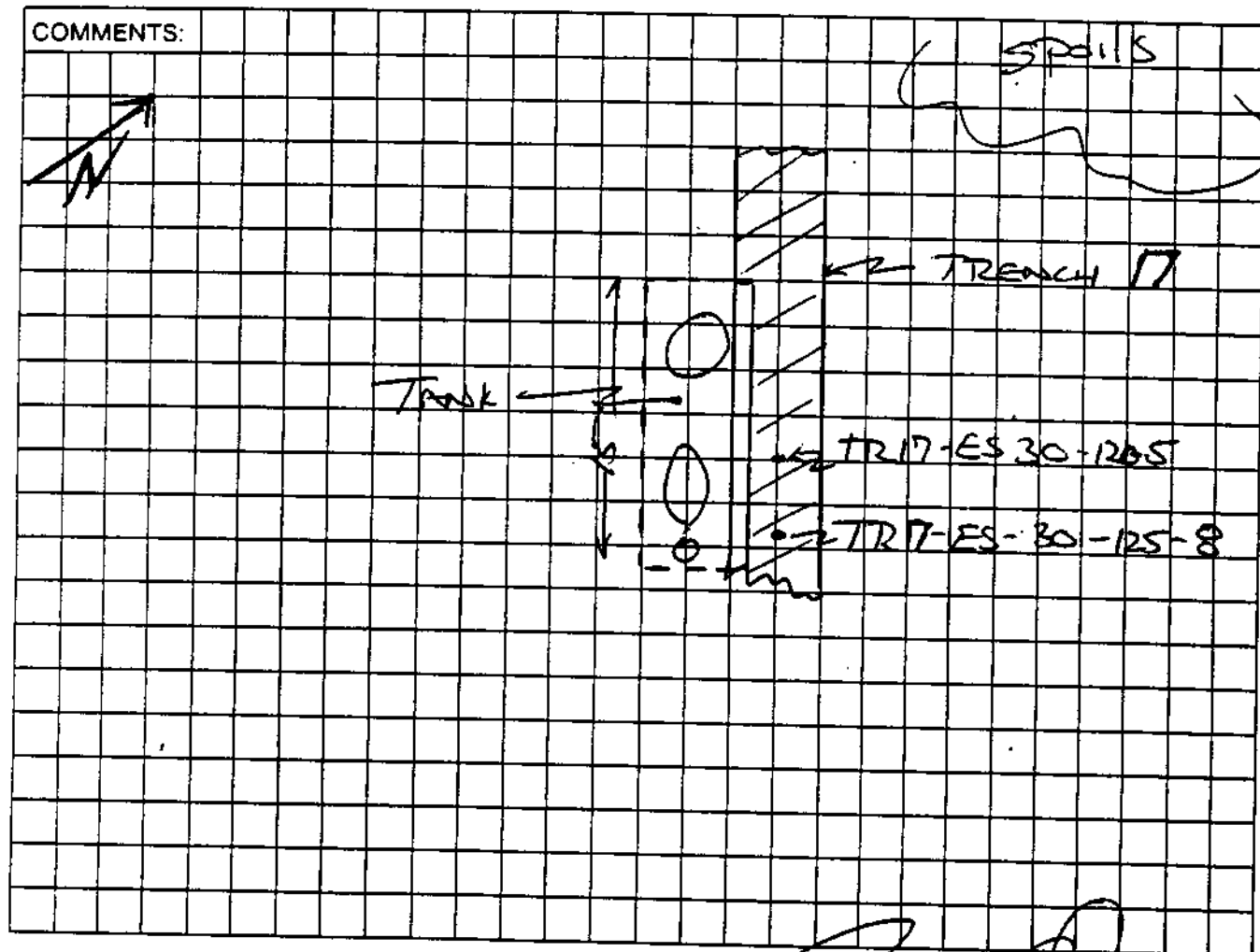
120 ml AG

120 ml

2 x 250 ml AG

500 ml

COMMENTS:

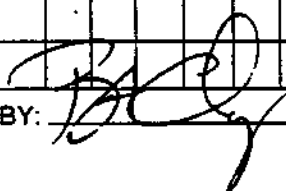


PREPARED BY:

COMMENTS:
(Continued)

DATE 1 2 1 6 9 3
TIME 0 9 0 0
PAGE 2 OF 4
PAGE
PROJECT NO. 30965
403.04.004

None

PREPARED BY: 

LEGEND

- 1 A SAMPLE COLLECTION LOG IS TO BE COMPLETED FOR EACH SAMPLE.
- 2 ALWAYS COMPLETE BOTH SIDES IF SECOND SIDE IS NOT USED, DRAW A LINE THROUGH IT AND MARK N/A. FILL IN CONTROL BLOCK AND PREPARED BY.
- 3 ALL ENTRIES ON LOG ARE TO BE COMPLETED, IF NOT APPLICABLE MARK N/A.
- 4 DATE: USE MONTH/DAY/YEAR, I.E., 10/30/85
- 5 TIME: USE 24-HOUR CLOCK; I.E., 1835 FOR 6:35 P M
- 6 PAGE: EACH SAMPLE TEAM SHOULD NUMBER PAGE _____ OF _____ FOR THE DAY'S ACTIVITIES FOR ALL SHEETS PREPARED ON A SINGLE DAY I.E., IF THERE ARE A TOTAL OF 24 PAGES (INCLUDING FRONT AND BACK) NUMBER 1 OF 24, 2 OF 24, ETC
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- 8 SAMPLE TYPE: USE THE FOLLOWING - SOIL, WATER (SURFACE OR GROUND), AIR (FILTERS, TUBES, AMBIENT, PERSONNEL), SLUDGE, DRUM CONTENTS, OIL, VEGETATION, WIPE, SEDIMENT
- 9 COMPOSITE TYPE: I.E., 24-HOUR, LIST SAMPLE NUMBERS IN COMPOSITE, SPATIAL COMPOSITE.
- 10 DEPTH OF SAMPLE: GIVE UNITS, WRITE OUT UNITS SUCH AS INCHES, FEET. DON'T USE " OR "
- 11 WEATHER: APPROXIMATE TEMPERATURE, SUN AND MOISTURE CONDITIONS.
- 12 CONTAINERS USED: LIST EACH CONTAINER TYPE AS NUMBER, VOLUME, MATERIAL (E.G., 2 - 1L GLASS; 4 - 40 ML GLASS VIAL; 1 - 400 ML PLASTIC; 1 - 3 INCH STEEL TUBE; 1 - 8 OZ. GLASS JAR)
- 13 AMOUNT COLLECTED: VOLUME IN CONTAINERS (E.G., 1/2 FULL).

COMMENTS: (Continued)	
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DATE 12/6/93
 TIME 0958
 PAGE 34 OF 4
 PAGE
 PROJECT NO. 20965.

403.04.004

PREPARED BY:

LEGEND

- 1 A SAMPLE COLLECTION LOG IS TO BE COMPLETED FOR EACH SAMPLE
- 2 ALWAYS COMPLETE BOTH SIDES IF SECOND SIDE IS NOT USED. DRAW A LINE THROUGH IT AND MARK N/A. FILL IN CONTROL BLOCK AND PREPARED BY
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- 6 PAGE EACH SAMPLE TEAM SHOULD NUMBER PAGE ____ OF ____ FOR THE DAY'S ACTIVITIES FOR ALL SHEETS PREPARED ON A SINGLE DAY I.E. IF THERE ARE A TOTAL OF 24 PAGES (INCLUDING FRONT AND BACK) NUMBER 1 OF 24, 2 OF 24, ETC
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- 11 WEATHER APPROXIMATE TEMPERATURE, SUN AND MOISTURE CONDITIONS
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- 13 AMOUNT COLLECTED: VOLUME IN CONTAINERS (E.G., 1/2 FULL)

IT

DATE	1	2	1	7	9	3
TIME	1	3	5	2		
PAGE	1	OF	4			
PAGE						
PROJECT NO: 30965						

4103.04.004

PROJECT NAME

SALMON TEST SITE

SAMPLE NO.

TR 18-BS-90-150A-E

SAMPLE LOCATION

DISPOSAL AREA 5

SAMPLE TYPE

Sol

COMPOSITE

✓ YES NO

COMPOSITE TYPE

MAX 101 Bucket.

DEPTH OF SAMPLE

3-4 feet

WEATHER

C/car - 45-50°F

CONTAINERS
USED

AMOUNT
COLLECTED

120 ml AG

$\sim 120 \mu l$

500 ml AG

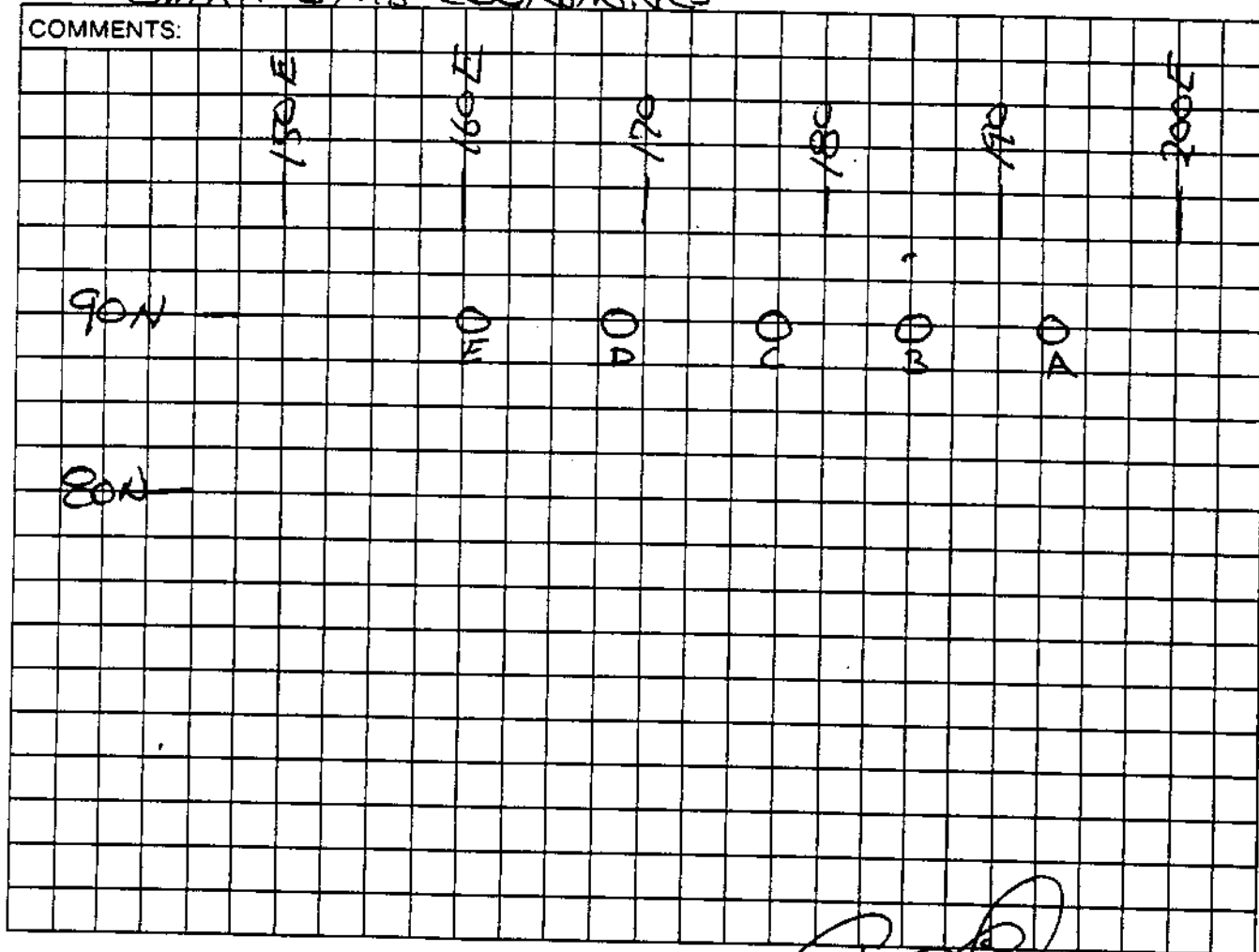
1504

250 ml AG

~ 250 μ l

SMALL GRID COORDINATES

COMMENTS:

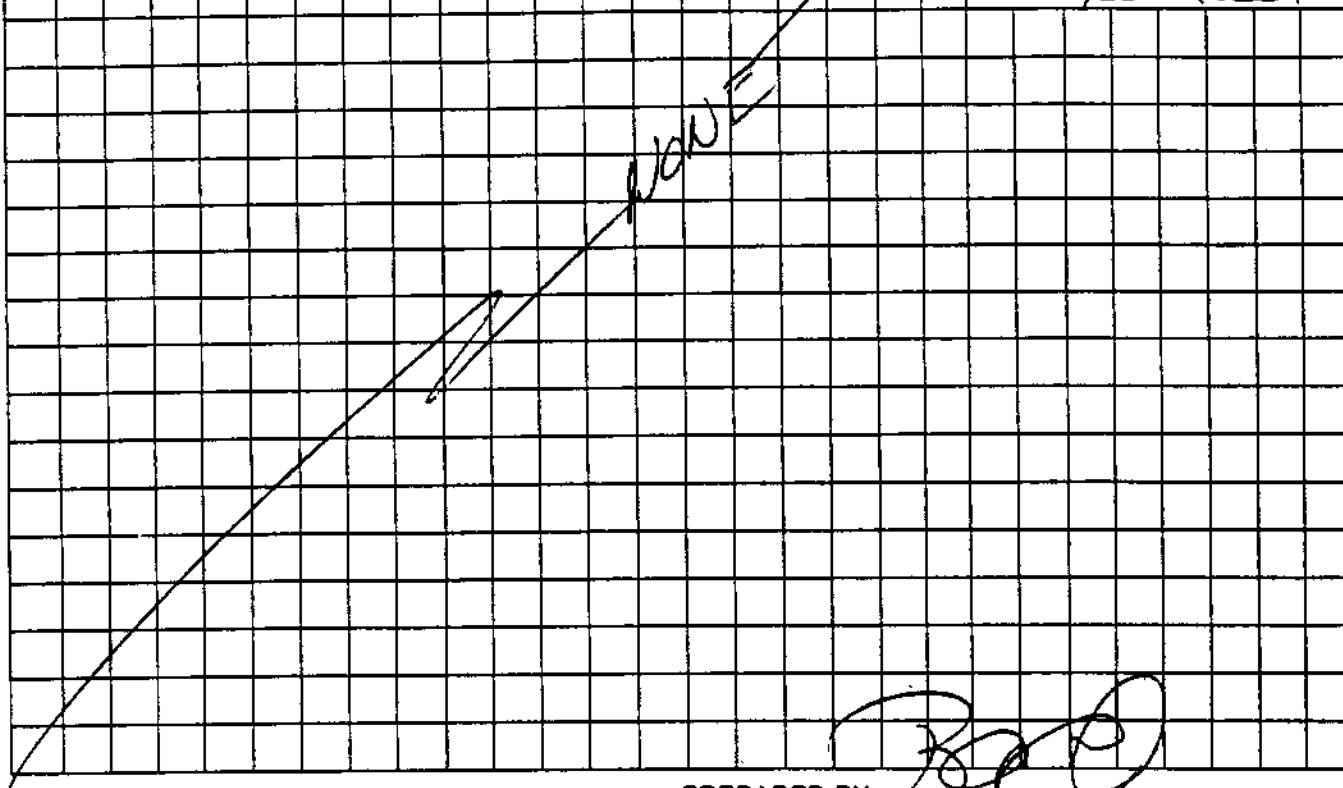


PREPARED BY:

COMMENTS:
(Continued)

DATE	1	2	7	9	3
TIME	1	3	5	7	
PAGE	2 OF 4				
PAGE					
PROJECT NO.	30964				

403.04.004



PREPARED BY:

[Handwritten signature]

LEGEND

1. A SAMPLE COLLECTION LOG IS TO BE COMPLETED FOR EACH SAMPLE
2. ALWAYS COMPLETE BOTH SIDES IF SECOND SIDE IS NOT USED. DRAW A LINE THROUGH IT AND MARK N/A. FILL IN CONTROL BLOCK AND PREPARED BY
3. ALL ENTRIES ON LOG ARE TO BE COMPLETED. IF NOT APPLICABLE MARK N/A
4. DATE: USE MONTH/DAY/YEAR: I.E., 10/30/85
5. TIME: USE 24-HOUR CLOCK: I.E., 1835 FOR 6:35 P.M.
6. PAGE: EACH SAMPLE TEAM SHOULD NUMBER PAGE _____ OF _____ FOR THE DAY'S ACTIVITIES FOR ALL SHEETS PREPARED ON A SINGLE DAY. I.E., IF THERE ARE A TOTAL OF 24 PAGES (INCLUDING FRONT AND BACK) NUMBER 1 OF 24, 2 OF 24, ETC.
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11. WEATHER: APPROXIMATE TEMPERATURE, SUN AND MOISTURE CONDITIONS
12. CONTAINERS USED: LIST EACH CONTAINER TYPE AS NUMBER, VOLUME, MATERIAL (E.G., 2 - 1L GLASS; 4 - 40 ML GLASS VIAL; 1 - 400 ML PLASTIC; 1 - 3 INCH STEEL TUBE; 1 - 8 OZ. GLASS JAR)
13. AMOUNT COLLECTED: VOLUME IN CONTAINERS (E.G., 1/2 FULL)



DATE	1	2	1	7	9	3
TIME	1	4	5	5		
PAGE	3 OF 4					
PAGE						
PROJECT NO	30965					

SAMPLE COLLECTION LOG

403.04.004

PROJECT NAME SALMON TEST SITESAMPLE NO. TR 19-B5-0-50 AFSAMPLE LOCATION SOUTH END ~~SE~~ DISPOSAL AREA 5SAMPLE TYPE SOIL BORINGCOMPOSITE YES ☒ NO ☐COMPOSITE TYPE BN PLASTIC SHEETDEPTH OF SAMPLE 3-4 feetWEATHER Clear 40-45°FCONTAINERS
USEDAMOUNT
COLLECTED

120 ml Ag

120 ml

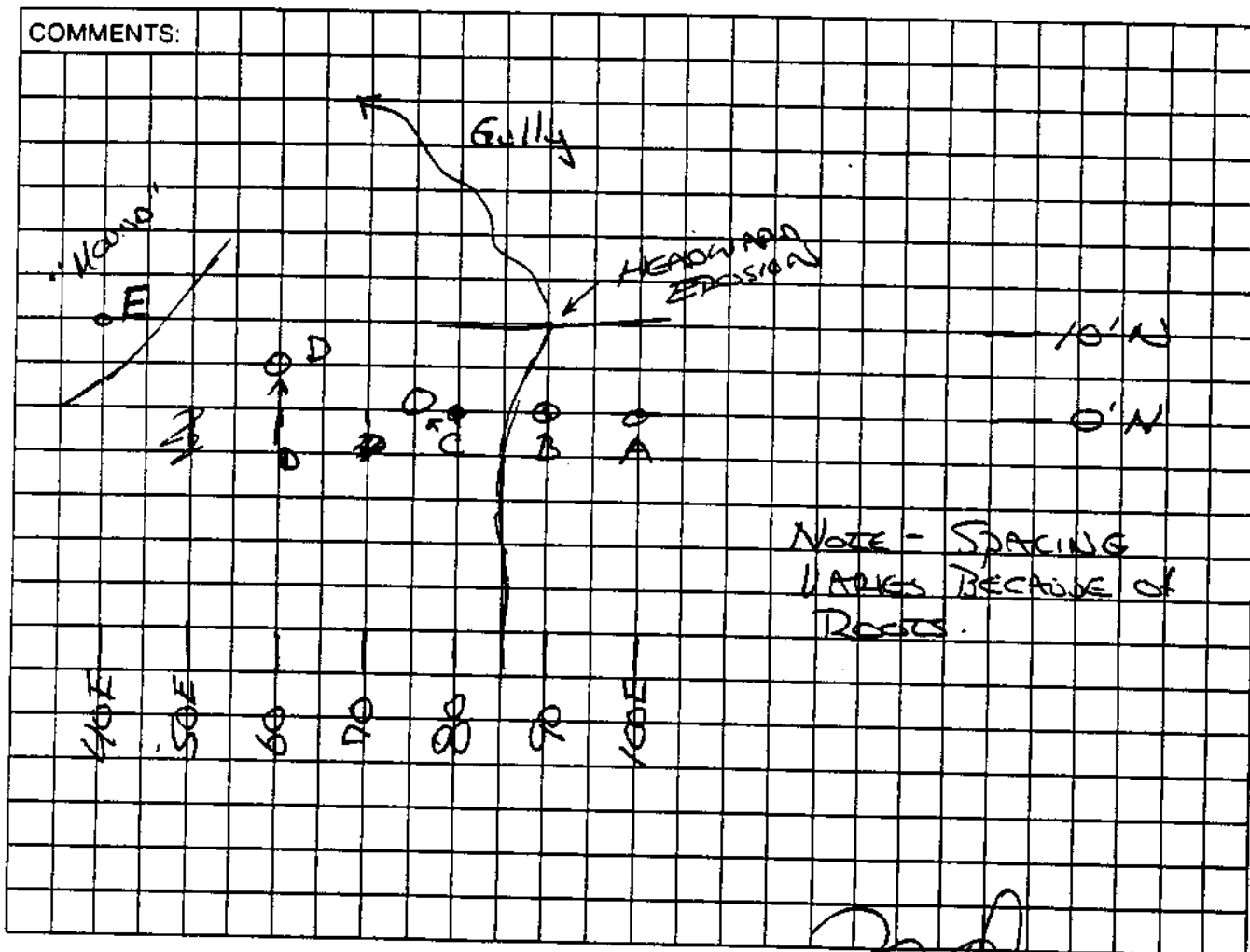
500 ml Ag

500 ml

250 ml Ag

250 ml

COMMENTS:



PREPARED BY:

COMMENTS:
(Continued)

DATE 12/17/93
TIME 1455
PAGE 41 OF 4
PAGE
PROJECT NO. 30865

410304.004

NONE

PREPARED BY:

[Signature]

LEGEND

- 1 A SAMPLE COLLECTION LOG IS TO BE COMPLETED FOR EACH SAMPLE
- 2 ALWAYS COMPLETE BOTH SIDES IF SECOND SIDE IS NOT USED. DRAW A LINE THROUGH IT AND MARK N/A. FILL IN CONTROL BLOCK AND PREPARED BY
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- 13 AMOUNT COLLECTED: VOLUME IN CONTAINERS (E.G. 1/2 FULL).

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