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Date: October 12, 2000
Refer to: ER2000-0563

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HSWA LANL 1/1119/3-010(a)

Mr. John Young, Corrective Action Project Leader
Permits Management Program
NMED – Hazardous Waste Bureau
2044 A Galisteo
Santa Fe, NM 87502

SUBJECT: SUBMITTAL OF ADDENDUM TO RFI REPORT FOR FIELD UNIT 1, SOLID WASTE MANAGEMENT UNIT (SWMU) 3-010(a)

Dear Mr. Young:

Enclosed are two copies of the Los Alamos National Laboratory Environmental Restoration Project's Addendum to Resource Conservation and Recovery Act (RCRA) Facility Investigation (RFI) Report for Field Unit 1, SWMU 3-010(a). This addendum reports the results of the work completed in response to New Mexico Environmental Department (NMED's) request in a letter titled, "Response to Response to the Notice of Deficiency for the RFI Report for SWMU 3-010(a)," dated December 1, 1999.

If you have any questions or concerns please feel free to call Dave McInroy at (505) 667-0819 or Joe Mose at (505) 667-5808.

Sincerely,

Julie A. Canepa, Program Manager
Los Alamos National Laboratory
Environmental Restoration

Sincerely,

for Joseph H. Mose

Theodore J. Taylor, Project Manager
Department of Energy
Los Alamos Area Office

JC/TT/NR/vn

5627

TV

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environmental restoration project

A Department of Energy
Environmental Cleanup Program

Addendum to LA-UR-95-1485
October 2000
ER2000-0553

Addendum to RFI Report for Field Unit 1, SWMU 3-010(a)

Los Alamos
NATIONAL LABORATORY
Los Alamos, NM 87545

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1.0 INTRODUCTION

This addendum to "RFI Report for Field Unit 1, SWMU 3-010(a)" (ER Project 1995, 46195.5) was written by personnel of the Environmental Restoration (ER) Project at Los Alamos National Laboratory (the Laboratory). These field activities, which were conducted in December 1999 and completed in March 2000, further characterize potentially affected media (groundwater/surface water/sediment) at and near solid waste management unit (SWMU) 3-010(a). Borehole 1 (developed and renamed monitoring well 1; B1/MW-1) was developed specifically to collect data from the zone of saturation as requested by the New Mexico Environment Department (NMED) in a letter titled, "Response to Response to the Notice of Deficiency for the RFI Report for SWMU 3-010(a)," dated December 1, 1999 (NMED 1999, 64614). NMED also requested that surface water and sediment be sampled using the ER Project's Canyons Focus Area approach. Additionally, NMED suggested that the ER Project augment the results of previous composite sediment samples from the stream channel west of SWMU 3-010(a) with newly acquired grab samples. The "Plan for Characterization of Groundwater, Surface Water, and Sediments at SWMU 3-010(a)," (ER Project 1999, 65131.2) was proposed in response to the NMED request. It was approved by NMED shortly after its December 1999 submittal.

The field activity results that are presented in this addendum have been evaluated in the context of the site's hydrologic conceptual model, as proposed in the 1995 RCRA (Resource Conservation and Recovery Act) facility investigation (RFI) report for this site, to address the possibility that the well water and nearby surface water flow may be interconnected.

Because investigations to date at this potential release site (PRS), previously referred to as a SWMU, provided sufficient data to be used in lieu of the typical Phase I full-suite analysis for sediment investigations, this investigation focused on contaminants of concern that the NMED Hazardous and Radioactive Materials Bureau (HRMB) believed were necessary for evaluating the hydrologic conceptual model. The limited suite was verbally approved by NMED during an October 18, 1999, meeting.

The following subsections summarize the field activities and data from samples collected during the field campaign, and they interpret the results with respect to the previous investigation.

2.0 SITE HISTORY

In 1994, during Phase II of an RFI, monitoring well B1/MW-1 was installed by ER Project personnel to determine the easterly extent of subsurface contamination from PRS 3-010(a). The monitoring well is located on a service road southwest of building TA-3-30, east of a moderately steep hillside on the western margin of technical area 3 (TA-3). Surface water drainage at the toe of the hillside flows down to the eastern edge of Twomile Canyon (Figure 2.0-1). The Phase II RFI followed the 1994 voluntary corrective action (VCA) source-removal activities. It was intended to gather data to ascertain if the VCA had eliminated potential health risks at this site for both human and non-human receptors. However, during the Phase II RFI, water was encountered within a previously existing paleochannel (currently transformed with backfill to mesa-top elevation in order to provide building space for TA-3-30).

As the first borehole (B1/MW-1) was advanced, water was encountered at a depth of 23 ft below ground surface. Drilling ceased, and a 2-in. (diameter) stainless-steel monitoring well was installed in the borehole. Because of the presence of tritium and volatile organic compounds, the well was not developed (at the time, there was a moratorium on generating mixed liquid waste). However, the water within the borehole was sampled, without development, and the water level was measured on several occasions. The results were reported in the 1995 RFI report, Section 4, pages 51 and 53.

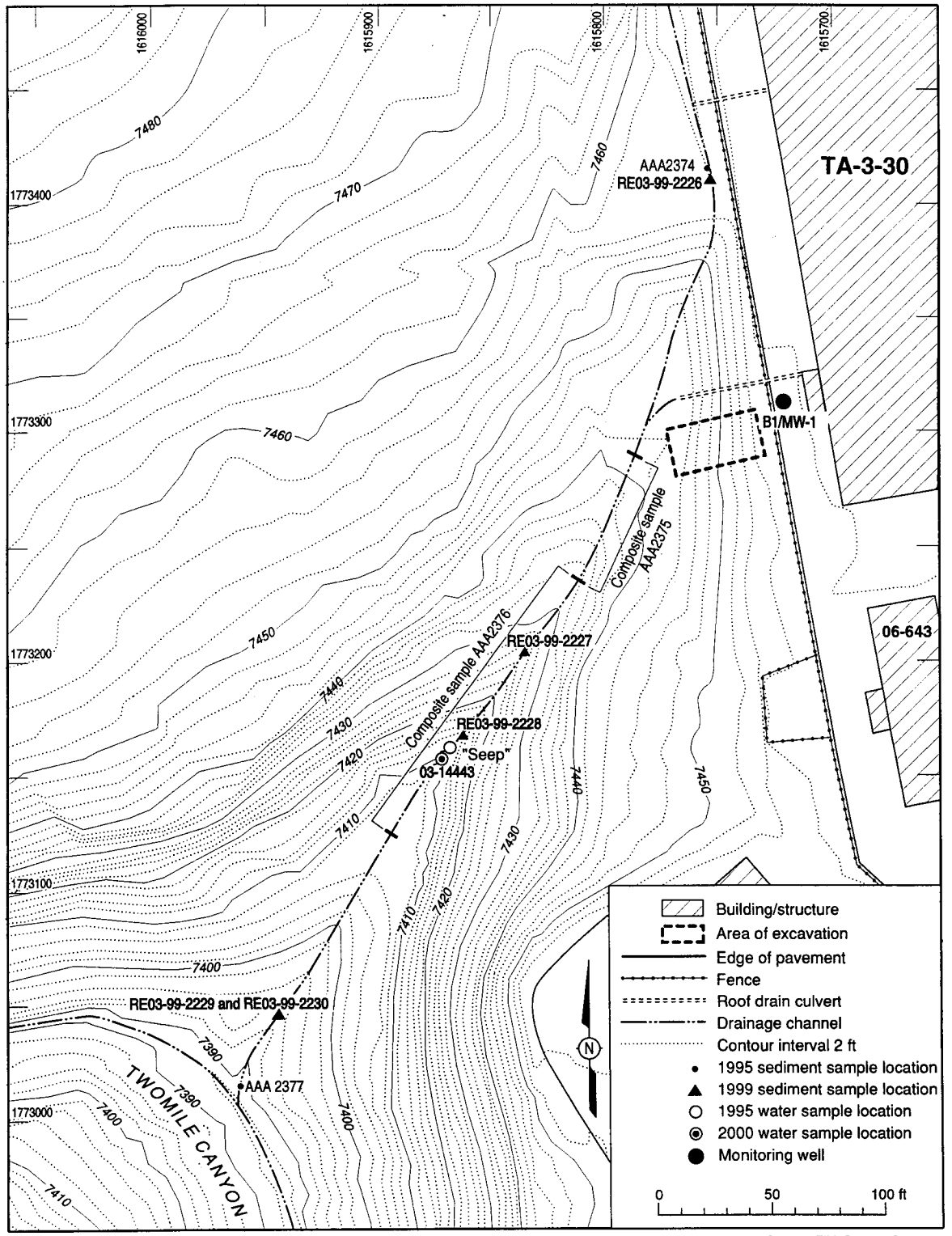

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Figure 2.0-1. Location of B1/MW-1 and sediment and stormwater runoff samples

The data from the Phase II RFI were assessed and supported a determination that the extent of contamination had been defined and that the VCA for source removal had been successful in reducing contaminant concentrations below levels of concern. In 1995, an RFI report for PRS 3-010(a) was prepared that proposed no further action (NFA) for the site (ER Project 1995, 46195.5). NMED responded to the RFI report with a notice of deficiency (NOD) in the fall of 1995 (NMED 1995, 67307), and a response to the NOD was prepared by LANL in February of 1996 (ER Project 1996, 54083.1). This addendum fulfills the requirements outlined by NMED in their letter of response to the response to the NOD, dated December 6, 1999 (NMED 1999, 64614), to provide additional data in support of the hydrologic conceptual model.

3.0 FIELDWORK

3.1 Well Development and Sample Collection

Well development commenced at monitoring well B1/MW-1 on December 14, 1999, at PRS 3-010(a), following ER-SOP-5.02, Rev. 1, "Well Development." The well was developed using a stainless-steel bailer with a surge block. A plastic bailer replaced the stainless-steel bailer to facilitate volume removal. A complete description of the well installation can be found in Section 4, pp. 51–52, of the 1995 RFI report. The depth to the top of the water casing within the well was measured prior to purging the well. All water depths and water-quality parameter measurements can be found In Table 3.1-1. The water-quality parameter sample was collected with a peristaltic pump fitted with new tubing. Water parameters were measured using a HORIBA meter, following ER-SOP-6.02, Rev. 1, "Field Analytical Measurements of Groundwater Samples." The sediment contained in the first 30 gal. of water appeared to be finely ground light-brown tuff and gray silt. Initially the well water was extremely turbid; however, the water clarity improved after 10 well volumes had been removed (1 well volume equals approximately 0.90 gal.). No detectable radiological activity in the well water registered on the hand-held Eberline (model ESP-1) with a Hewlett Packard (model 260) beta/gamma meter. The following day, the water level was down 0.24 ft and the sediment level in the bottom of the borehole was 1.45 ft lower than when well development started.

Table 3.1-1
B1/MW-1 Water-Quality Parameters

Date	Time of Day	Water Level (ft)	Top of Sediment (ft)	pH	Gal. Purged	Conductivity (ms/cm)	NTU[a]	Dissolved Oxygen (mg/L)	Temperature (°C)	Salinity (%)
12/14/99	0930	21.8	25.6	5.5	—[b]	0.21	32	2.62	8.1	0
12/14/99	1030	21.85	25.3	—	6.0	—	—	—	—	—
12/14/99	1110	21.88	25.25	—	10.0	—	—	—	—	—
12/14/99	1130	—	—	—	14.0	—	—	—	—	—
12/14/99	1150	21.88	25.25	—	18.0	—	—	—	—	—
12/14/99	1400	—	—	—	4.0	—	—	—	—	—
12/14/99	1413	—	—	—	4.0	—	—	—	—	—
12/14/99	1425	21.91	27.1	—	4.0	—	—	—	—	—
12/14/99	1435	—	—	—	4.0	—	—	—	—	—
12/14/99	1450	—	—	6.02	4.0	0.158	>999	—	11.4	0
12/14/99	1505	—	—	—	4.0	—	—	—	—	—
12/14/99	1520	—	—	—	4.0	—	—	—	—	—
12/14/99	1530	—	—	—	4.0	—	—	—	—	—
12/14/99	1540	—	—	—	4.0	—	—	—	—	—
12/14/99	1550	—	—	—	4.0	—	—	—	—	—

Table 3.1-1 (continued)

Date	Time of Day	Water Level (ft)	Top of Sediment (ft)	pH	Gal. Purged	Conductivity (ms/cm)	NTU[a]	Dissolved Oxygen (mg/L)	Temperature (°C)	Salinity (%)
12/14/99	1605	—	—	5.97	4.0	0.147	422	2.27	11.1	0
12/15/99	1400	22.04	27.05	—	—	—	—	—	—	—
12/17/00	1030	22.27	—	—	—	—	—	—	—	—
12/17/00	1048	—	—	6.05	0.25	0.159	6	2.77	13.1	—
12/17/00	1053	—	—	6.08	1.25	0.149	5	2.43	13.3	—
12/17/00	1100	—	—	5.97	1.75	0.150	5	1.88	13.7	—
12/17/00	1105	22.3	—	5.93	2.0	0.146	5	2.25	13.6	—
12/17/00	1110	—	—	5.89	2.75	0.146	4	2.36	13.6	—
12/17/00	1140	—	—	5.89	0	0.149	4	2.21	13.3	—

[a] NTU = nephelometric turbidity units.

[b] — = no measurement was taken during the well purging process.

On December 17, 1999, the well was purged with the peristaltic pump for about one hour (following ER-SOP-6.01, Rev. 1, "Purging Wells for Representative Sampling of Groundwater") before personnel collected the filtered and nonfiltered samples for analyses of Cesium-137, target analyte list metals, volatile organic compounds (following ER-SOP-6.03, Rev. 1 "Sampling for Volatile Organics in Groundwater"), and uranium (by mass spectrometry). Table 3.1-2 lists the water samples collected from the well; for a complete list of analytes for each suite, see Appendix E to this addendum. The volatile organic compound sample was collected from a Teflon bailer after all the other samples had been collected using the peristaltic pump. Results are presented in section 4.

Table 3.1-2
Water Samples Collected from B1/MW-1

Date	Time of Day	Water Level (ft)	Sample No.	Analysis	Preservative	Comments
12/14/99	0900	21.8	RE03-99-2215	Volatile organic compounds	Hydrochloric acid	Sample for volatile organics collected prior to well development.
12/16/99	1500	Not measured	RE03-99-2231	Americium-241, Gamma Spec., Isotopic plutonium	Nitric acid	Waste characterization sample. Water composite from two drums of purged well water. Samples were not filtered. Samples for gross alpha/beta and tritium collected for radiological field van analyses. Collected sample for volatile organics from first drum of purged well water.
				Target analyte list metals	Nitric acid	
				Total petroleum hydrocarbons	Hydrochloric acid	
				Volatile organic compounds	Hydrochloric acid	

Table 3.1-2 (continued)

Date	Time of Day	Water Level (ft)	Sample No.	Analysis	Preservative	Comments
12/17/00	1120	22.34	RE03-99-2224	Cesium-137	Nitric acid	Nonfiltered samples collected with peristaltic pump, water is clear after well development.
				Target analyte list metals	Nitric acid	
				Uranium by Mass Spec.	Nitric acid	
				Volatile organic compounds	Hydrochloric acid	
12/17/00	1140	22.30	RE03-99-2225	Tritium	none	Filtered samples collected with peristaltic pump, water is clear after well development. Sample for volatile organics was collected with Teflon bailer after other samples collected, no sign of turbidity in water.
				Target analyte list metals	Nitric acid	
				Uranium by Mass Spec.	Nitric acid	
				Volatile organic compounds	Hydrochloric acid	
02/07/00	Not available	Not available	RE03-00-0001	Total Suspended Solids	None	Waste characterization sample.

3.2 Sediment Sample Collection

Sediment samples were collected from the drainage channel west of building TA-3-30 on December 17, 1999, following ER-SOP-6.14, Rev. 0, "Sediment Material Collection," and following the approach used by the Canyons Focus Area (ER Project 1997, 55622). A zero point was established in the stream channel upstream from the PRS, approximately equivalent to the northern building TA-3-30 roof drain. Locations, which were previously agreed upon by NMED and ER Project personnel, were staked, sampled, and surveyed. Samples were collected from sediment deposits in terraces from both the east and west sides of the stream channel. The first upstream sample was collected at 10 ft from the zero point on the east side of the channel. The remaining sediment samples were collected at 79 ft (west side), 94 ft (east side), and 137 ft (west side) from the zero point (see Figure 2.0-1 for sample locations). Table 3.3-1 provides collection information about the samples. The samples were sent to an offsite laboratory for analysis of Cesium-137, tritium, target analyte list metals, and volatile organic compounds. Results are summarized in section 4. All analyses data from the sediment samples can be found in Appendix E to this addendum.

Table 3.3-1
Sediment Samples Collected from Stream Channel

Date	Time of Day	Interval (in.)	Sample No.	Location ID	Type of Analysis	Distance/ Direction of Sample Location (m from the site)	Comments
12/17/99	1125	0–8	RE03-99-2229	03-14441	Cesium-137 Metals Tritium Volatile organic compound (Encore)	137 west	Loose fine sand; exotics[a] on surface; bank height = 45 cm; tags south end of reach.
12/16/99	1150	16–26	RE03-99-2230	03-14441	Cesium-137 Metals Tritium Volatile organic compound (Encore)	137 west	Silty very fine sand
12/17/00	1210	0–7	RE03-99-2228	03-14440	Cesium-137 Metals Tritium Volatile organic compound (Encore)	94 east	Very fine to fine sand; exotics and Styrofoam on surface of unit; young trees on surface; bank height = 35–40 cm
12/17/00		24–30	RE03-99-2227	03-14439	Cesium-137 Metals Tritium Volatile organic compound (Encore)	79 west	Silty very fine sand lens; eddy deposit; pinches to zero laterally, exotics present in underlying interval; first good sample site down-canyon of PRS; bank height = 40 cm
12/17/00	1245	0–12	RE03-99-2226	03-14438	Cesium-137 Metals Tritium Volatile organic compound (Encore)	10 east	Baseline site upgradient of PRS, 2 m down-canyon of pipe draining into canyon from underneath road behind SM-30; fine-medium sand with abundant exotics, bottom of sample interval is slightly below channel elevation; bank height = 12 cm

[a] Exotics = Debris or rock types found in sediment that indicate the sediment deposit post-dates the early 1950s.

3.3 Surface Water Sample Collection

Four site visits were conducted at PRS 3-010(a) to document the occurrence of water in the channel.

On January 12, 2000, the small frozen puddles that were noted during the sediment sampling event were still present. During the first week of February 2000, there were still a few small, partially frozen puddles, but insufficient water volume for sampling. The site visit was prompted by the previous day's light, sporadic rainfall.

On February 7, 2000, the channel was inspected during waste-management activities; the channel was essentially dry.

On the morning of February 17, 2000, the channel was inspected again, following a relatively heavy snowfall. Discharge from building TA-3-30's roof drain had flowed a short distance down the drainage channel and puddled in one small pocket which had sufficient water for sampling. However, because that was the only available sampling location and because the plan called for water samples to be collected from three locations, no sample was collected (ER Project 1999, 65131.2).

On March 8, 2000, the location was visited once again to determine if there was any water in the drainage channel following the previous day's snow flurries. As expected, discharge from building TA-3-30's roof drain had flowed a short distance down the drainage channel and puddled in two or three small pockets which appeared to have sufficient water for sampling (Figure 2.0-1). Between the water pockets, the drainage channel was essentially dry, with no evidence of surface flow.

Although the work plan called for three surface water samples to be collected when water flow was apparent, the only water pocket that actually contained sufficient water for sampling was 100 ft downgradiet from the three water pockets described above. This single pocket, location 03-14443, is depicted on Figure 2.0-1. A single sample was collected from the water pocket on March 8, 2000, following ER-SOP-6.13, Rev. 0, "Surface Water Sampling." The vials used for volatile organic compound analysis were submerged directly in the puddle. The samples for Cesium-137, tritium, and target analyte list metals were collected using a plastic bottle to scoop the water. See Table 3.3-2 for sample information; results are summarized in section 4. All data analyses from the surface water samples can be found in Appendix E to this addendum.

The occurrence of water in the channel appeared to be directly related to the stormwater runoff from the parking lot and roof. It is notable that no surface water was present in the channel, even though water levels in monitoring well B1/MW-1 were equivalent to 1995 measurements.

Table 3.3-2
Surface Water Samples Collected from Stream Channel

Date	Time of Day	Interval (in.)	Sample No.	Location ID	Analysis	Comments
03/10/00	1345	0–8	RE03-00-0002	03-14443 (seep)	Cesium-137	Nonfiltered samples; water is slightly turbid (milky) and odorless; volatile organic compound analysis vials submerged before collecting other aliquots
					Metals	
					Tritium	
					Volatile organic compound	
03/10/00	1150	16–26	RE03-00-0003	03-14443 (seep)	Target analyte list metals	Surface water, slightly turbid, filtered sample

4.0 DETECTED ANALYTES IN WELL WATER, SEDIMENT, AND SURFACE WATER

Because there were so few samples for this data set, "frequency of detects" tables were not created. Instead, all the detected analytes are presented in this section. Tables 4.1-1 through 4.1-7 present the detected analytes from the three previously described sampling events at PRS 3-010(a), all of which occurred between December 1999 and April 2000. There were no detected organic analytes or radioactive nuclides in the surface water sample RE03-00-002; therefore, there are no corresponding tables (the nondetected data are not presented in this section). However, all data results are presented in Appendix E to this addendum.

Table 4.1-1
Inorganic Chemicals Detected in Water Samples from B1/MW-1

Analytes	Sample RE03-99-2224 (nonfiltered)	Sample RE03-99-2225 (filtered)	Units	Comments
Aluminum	1400	1100	µg/L	Well water after development, clear.
Antimony	0.969 (J)[a]	0.709 (J)	µg/L	Well water after development, clear.
Barium	39 (J)	39 (J)	µg/L	Well water after development, clear.
Beryllium	0.24 (J)	0.29 (J)	µg/L	Well water after development, clear.
Beryllium	0.257	0.188 (J)	µg/L	Well water after development, clear.
Calcium	8000	8600	µg/L	Well water after development, clear.
Chromium, total	1.4 (J)	7.2 (J)	µg/L	Well water after development, clear.
Cobalt	0.45 (J)	0.43 (J)	µg/L	Well water after development, clear.
Copper	1.7 (J)	1.7 (J)	µg/L	Well water after development, clear.
Iron	980	740	µg/L	Well water after development, clear.
Lead	1.24	0.805 (J)	µg/L	Well water after development, clear.
Magnesium	2100	2200	µg/L	Well water after development, clear.
Manganese	6.9 (J)	10	µg/L	Well water after development, clear.
Mercury	0.017 (J)	0.013 (U)[b]	µg/L	Well water after development, clear.
Nickel	5.1 (J)	16 (J)	µg/L	Well water after development, clear.
Potassium	1700	1900	µg/L	Well water after development, clear.

Table 4.1-1 (continued)

Analytes	Sample RE03-99-2224 (nonfiltered)	Sample RE03-99-2225 (filtered)	Units	Comments
Sodium	21000	22000	µg/L	Well water after development, clear.
Thallium	5.7 (J)	6.4 (J)	µg/L	Well water after development, clear.
Thallium	0.128 (J)	0.076 (J)	µg/L	Well water after development, clear.
Uranium (total)	0.313	0.231	µg/L	Well water after development, clear.
Vanadium	2 (J)	1.3 (J)	µg/L	Well water after development, clear.
Zinc	11 (J)	14 (J)	µg/L	Well water after development, clear.

Note: Beryllium and thallium were analyzed by two different laboratories, therefore, there are two results

[a] J = Estimated detected quantity.

[b] U = Undetected quantity.

Table 4.1-2
Organic Chemicals Detected in Water Samples from B1/MW-1

Analytes	Before Development		After Development		Units	Description
	Sample ID	Sample Concentration	Sample ID	Sample Concentration		
Bromochloromethane[a]	RE03-99-2215	0.44 (J)[b]	RE03-99-2224	5 (U)[c]	µg/L	Well water is clear, nonfiltered.
Chloroform	RE03-99-2215	3.3 (J)	RE03-99-2224	1.9 (J)	µg/L	Well water is clear, nonfiltered.
Dichloroethane(1,1-)	RE03-99-2215	16 (J+)[d]	RE03-99-2224	15 (J)	µg/L	Well water is clear, nonfiltered.
Dichloroethane(1,2-)	RE03-99-2215	9.4 (J+)	RE03-99-2224	8.8	µg/L	Well water is clear, nonfiltered.
Dichloroethene(1,1-)	RE03-99-2215	43 (J+)	RE03-99-2224	30	µg/L	Well water is clear, nonfiltered.
Trichloro-1,2,2-trifluoroethane(1,1,2-)	RE03-99-2215	1.6 (J)	RE03-99-2224	4.5 (J)	µg/L	Well water is clear, nonfiltered.
Trichloroethane(1,1,1-)	RE03-99-2215	1100 (J+)	RE03-99-2224	1400	µg/L	Well water is clear, nonfiltered.
Trichloroethene	RE03-99-2215	7.5 (J+)	RE03-99-2224	13	µg/L	Well water is clear, nonfiltered.

[a] Bromochloromethane – the result for this analyte should be regarded as not detected (U) because the Q value (a value between 1 and 100, with 100 indicating a perfect match between the mass spectral library reference spectrum and the scan at the apex of the gas chromatograph peak) was 1. The analytical laboratory improperly reported this analyte as detected.

[b] J = Estimated detected quantity.

[c] U = Undetected quantity.

[d] J+ = Estimated detected quantity, biased high.

Table 4.1-3
Radionuclides Detected in Water Samples from B1/MW-1

Analytes	Sample ID	Sample Concentration	Units	Description
Tritium	RE03-99-2225	1780	pCi/L	Well water after development, clear, filtered.

Table 4.1-4
Inorganic Chemicals Detected in Channel Sediment Samples

Sample ID	Depth (in)	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron
Background Value		15,400	0.83	3.98	127	1.31	0.4	4,420	10.5	4.73	11.2	13,800
RE03-99-2226	0–4.72	3500 (J-)[a]	0.46 (J-)	3.2	61	0.48 (J)[b]	0.063 (J)	2200	7.7	3.3	8.6	8200
RE03-99-2227	9.45–11.81	6900 (J-)	0.33 (UJ)[c]	3.3	100	0.82	0.019 (U)[d]	2400	7.1	4.8	9.2	11000
RE03-99-2228	0–2.76	2900 (J-)	0.31 (UJ)	2.3	61	0.42 (J)	0.018 (U)	1200	5.5	4.3	4.2	8200
RE03-99-2229	0–3.15	2200 (J-)	0.31 (UJ)	2.0	52	0.32 (J)	0.018 (U)	950	12	3.7	5.8	6400
RE03-99-2230	6.3–10.24	3900 (J-)	0.32 (UJ)	2.6	76	0.59	0.019 (U)	1700	5.7	4.1	6.8	8700

Sample ID	Depth (in)	Lead	Magnesium	Manganese	Mercury	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc
Background Value		19.7	2,370	543	0.1	9.38	2,690	0.3	1.0	1,470	0.73	19.7	60.2
RE03-99-2226	0–4.72	61	940	300	0.7	4.8	680	0.39 (U)	0.033 (U)	110 (J)	0.5 (U)	11	75
RE03-99-2227	9.45–11.81	13	1900	300	0.26	6.9	1200	0.31 (U)	0.026 (U)	120	0.39 (U)	16	36
RE03-99-2228	0–2.76	26	720	290	0.15	4.2	630	0.29 (U)	0.025 (U)	52 (J)	0.37 (U)	13	28
RE03-99-2229	0–3.15	67	620	240	0.065 (J)	3.3	450	0.29 (U)	0.025 (U)	44 (J)	0.37 (U)	11	33
RE03-99-2230	6.3–10.24	32	890	240	0.33	4.6	550	0.30 (U)	0.025 (U)	93 (J)	0.38 (U)	14	35

Note: Values in dark boxes are greater than background.
All units are in mg/kg.

[a] (J-) = Estimated detected quantity, biased low.

[b] (J) = Estimated detected quantity.

[c] (UJ) = Estimated undetected quantity.

[d] (U) = Undetected quantity.

Table 4.1-5
Organic Chemicals Detected in Channel Sediment Samples

Sample ID	Depth (in)	Acetone[a]	4-Isopropyltoluene	Toluene
RE03-99-2226	0–4.72	0.18	0.0025 (J)[b]	0.0077 (U)[c]
RE03-99-2227	9.45–11.81	0.027 (J)	0.0081 (U)	0.0081 (U)
RE03-99-2228	0–2.76	0.034 (U)	0.0084 (U)	0.001 (J)
RE03-99-2229	0–3.15	0.03 (J)	0.0099 (U)	0.0099 (U)
RE03-99-2230	6.3–10.24	0.034 (U)	0.0086 (U)	0.0062 (J)

Note: All units are mg/kg.

[a]Acetone was detected in the laboratory blanks, therefore, it is only detected here because of laboratory contamination.

[b] (J) = Estimated detected quantity.

[c] (U) = Undetected quantity.

Table 4.1-6
Radionuclides Detected in Channel Sediment Samples

Sample ID	Depth (in)	Cesium-137	Tritium
Background Value		0.9	0.093
RE03-99-2226	0–4.72	1.35	0.003 (U)*
RE03-99-2227	9.45–11.81	0.23	0.042 (U)
RE03-99-2228	0–2.76	0.5	0.038 (U)
RE03-99-2229	0–3.15	0.18 (U)	0.063
RE03-99-2230	6.3–10.4	0.57	0.058 (U)

Note: Value in dark box is greater than background; all units are pCi/g.

* (U) = Undetected quantity.

Table 4.1-7
Inorganic Chemicals Detected in Surface Water Samples

Analytes	Units	Sample RE03-00-002 (nonfiltered)	Sample RE03-00-003 (filtered)
Arsenic	µg/l	3.1 (J)[a]	2.9 (U)[b]
Lead	µg/l	14.6	10.2
Mercury	µ g/l	0.21	0.14 (J)

[a](J) = Estimated detected quantity.

[b](U) = Undetected quantity.

5.0 CONCLUSIONS AND RECOMMENDATIONS

The 1999/2000 data collected reflect virtually the same, or lower, concentrations of contaminants in the groundwater, surface water, and sediment collected upstream and downstream of PRS 3-010(a). Therefore, there is minimal uncertainty in the conceptual exposure model refined in the 1995 RFI report (ER Project 1995, 46195.5, pp. 75–84). The only potentially complete exposure pathway for the potential contaminants of concern is inhalation of vapors from subsurface soil using two scenarios: long-term worker and trail user. Water is not a complete exposure pathway because contaminants were not detected in the surface water. As the hydrologic model presented in the 1995 RFI report stated, on page 12, "water observed in the boreholes and in the alluvium of the drainage most likely derives from increased surface runoff and from bank storage, and has no hydrologic connection to any perched aquifer (if present). Moreover, the water is ephemeral and depends on local precipitation. The drainage is not of sufficient volume to constitute a useable resource, and is therefore judged not to be a significant exposure pathway."

The following excerpt from Section 5.0, "Conclusions and Recommendations," of the 1995 RFI report, still pertains to the sediment and water samples collected from boreholes and the surface water channels and their contaminant concentrations.

> Residual concentration of 1,2-DCA (dichloroethane) and 1,1-DCE (dichloroethylene) in subsurface soil were found to be below levels of concern based on the results of a site-specific human health risk assessment and a screening assessment of potential ecological impacts.
>
> The source term for the volatile constituents was removed during the VCA, therefore, residual concentrations of 1,2-DCA and 1,1-DCE in subsurface soil and water has been dramatically decreased and will continue to decrease with time due to chemical and biological degradation.
>
> During the Phase II investigation, subsurface water was found to be present at three borehole locations. This water is believed to be present primarily because of increased runoff and infiltration resulting from altered drainage patterns created during the construction of TA-3-30. The water was found to contain low concentrations of VOCs (volatile organic compounds). The quantity of water in the subsurface makes it unlikely that it represents a usable water source. The seep downgradient of the site was also found to contain VOCs at even lower concentrations, indicating a potential connection between the subsurface water and the seep. However, the seep does not represent a viable exposure pathway for humans and concentrations were below a level of concern for non-human receptors.
>
> Concentration of volatile contaminants in the seep are significantly lower than those present in the monitoring well and should continue to decrease with time. (ER Project 1995, 46195.5, pp. 90–91)

Although the 1995 RFI report indicated a "potential" connection between the groundwater and the seep, the data collected to date supports the hydrologic model as presented in the 1995 RFI report (ER Project 1995, 46195.5, p. 12). That model, as extrapolated upon in the 1996 NOD response, is summarized as follows:

> The variable water levels that were observed between September 22, 1994 and February 2, 1995 generally indicate lower levels in the dry months of September and October and higher levels in the wetter winter months of January and February. Following precipitation, the water level rises significantly and remains high. Interpretation of these results is that the B1/MW-1 receives water by flow from the artificial fill of the paleochannel through fractures in the surface of the bedrock. The fact that the water level in the well reacts quickly to precipitation events indicates that the saturated zone is small and closely connected to runoff. Flow of water into the fill is augmented by drainage from the roof of TA-3-30 and from parking lots surrounding the building. The asphalt surface of the parking lots may also reduce evapotranspiration, which increases moisture in the fill. A portion of the fill is water-saturated, perhaps perennially.
>
> The "seep" at SWMU 3-010(a) is comprised of damp or water-saturated alluvium present at a flat reach above and at the base of a ledge of Bandelier Tuff in the drainage. Alluvium in the drainage forms a thin discontinuous mantle over the bedrock. Water may move along fractures in the surface of the bedrock channel, or may enter the channel from banks downstream from the road, thus it may not be readily visible until collected at the flat reach of the channel where the "seep" occurs. Thicker accumulations of alluvium also remain damp or saturated for longer periods of time after water has evaporated from thinner deposits of alluvium. (ER Project 1996, 54083.1, response to deficiency 2A, pp. 3–9)

The newly acquired data and six years of field observations show that (1) water levels in B1/MW-1 vary slightly throughout the year, but overall the fill material the well monitors remains saturated; and (2) water is present in the stream only as a result of stormwater runoff from the parking lot and roof drains. These results confirm that surface water in the stream channel and the zone of saturation measured in B1/MW-1 are not connected.

In summation, because the current data set is consistent with previously gathered data, all the assessments performed on the previous data set are sufficient for evaluating risk. Tables 5.0-1 and 5.0-2 compare (where applicable) the 1999/2000 water data to the 1994/1995 concentrations of detected contaminants and the contaminants greater than background in sediment samples. The 1995 RFI report's human-health risk assessment evaluated two potential site-specific exposure scenarios: occupational and recreational. The risk values were within the 1E-04 to 1E-06 risk range for the only complete potential exposure pathway, inhalation. The screening assessment for potential ecological impacts also indicated that residual chemical concentrations of contamination at the site were below levels of concern to nonhuman receptors [the ecotoxicological screening assessment that was included in the 1995 RFI report for PRS 3-010(a) can be found in Section 4.3.1, pp. 30–34, of that report]. Therefore, no further action is recommended for PRS 3-010(a). Furthermore, data from this SWMU will be used by the Canyons Focus Area as part of the Twomile Canyon and Upper Twomile Canyon investigation, in the planning of the investigation as well as in the interpretation of fate and transport of contaminants that is presented in the Pajarito Canyon surface aggregate report.

Table 5.0-1
1999/2000 versus 1994/19955 Concentration of Detected Contaminants Greater Than Background in Sediment Samples

	Upstream from PRS Site		Downstream from 0 point 220–310 ft			Downstream from 0 point 450–480 ft		
Analytes	1994/1995 Grab Sample AAA-2374	1999/2000 Grab Sample RE03-99-2226	1994/1995 Composite Sample AAA-2376	1999/2000 Grab Sample RE03-99-2227	1999/2000 Grab Sample RE03-99-2228	1994/1995 Grab Sample AAA-2377	1999/2000 Grab Sample RE03-99-2229	1999/2000 Grab Sample RE03-99-2230
Arsenic	18.8	3.2	3.22	3.3	2.3	2.57	2.0	2.6
Cadmium	0.6	0.063 (J)[a]	<0.4	0.019 (U)[b]	0.018 (U)	<0.4	0.018 (U)	0.019 (U)
Chromium	17	7.7	4.8	7.1	5.5	4.7	12	5.7
Cobalt	ND[c]	3.3	ND	4.8	4.3	ND	3.7	4.1
Copper	34	8.6	2.9	9.2	4.2	3.3	5.8	6.8
Lead	250	61	21	13	26	25	67	32
Mercury	1.5	0.7	<0.2	0.26	0.15	<0.2	0.065 (J)	0.33
Zinc	170	75	42	36	28	43	33	35
4-Isopropyltuluene	—[d]	0.0025 (U)	—	0.0081 (U)	0.0084 (U)	—	0.0099 (U)	0.0086 (U)
Toluene	—	0.0077 (U)	—	0.0081 (U)	0.001 (U)	—	0.0099 (U)	0.0062 (U)
Cesium-137[e]	1.54	1.35 (U)	0.54	0.23 (U)	0.5 (U)	<0.56	0.18 (U)	0.57 (U)
Plutonium-238[e]	0.011	—	0.002	—	—	0.003	—	—
Plutonium-239[e]	0.046	—	0.003	—	—	0.001	—	—
Tritium[e]	2.1	0.003 (U)	0.381	0.042 (U)	0.038 (U)	0.022	0.063 (U)	0.058 (U)

Note: Light gray shading indicates a 1994/1995 sample result.

[a] (J) = Estimated detected quantity.

[b] (U) = Undetected quantity.

[c] ND = Not detected

[d] — = Analysis was not requested.

[e] Result is in pCi/g; all other results are in mg/kg

Table 5.0-2
1999/2000 versus 1994/19955 Concentration of Detected Contaminants in Water Samples

		B1/MW-1 Water Samples				Surface Water Samples Collected from "Seep"				
		1994, Unfiltered Sample, Undeveloped Well	1999, Unfiltered Sample, Undeveloped Well	1999, Unfiltered Sample, Developed Well	1999, Filtered Sample, Developed Well				Nonfiltered	Filtered
Analytes	Units	1994/1995 Sample AAC0469	1999/2000 Sample RE03-99-2215	1999/2000 Sample RE03-99-2224	1999/2000 Sample RE03-99-2225	1994/1995 Sample AAB7760	1994/1995 Sample AAB7764	1994/1995 Sample AAC3129	1999/2000 Sample RE03-00-0002	1999/2000 Sample RE03-00-0003
Arsenic	µg/L	—[a]	—	2.6 (U)[b]	2.6 (U)	—	—	—	3.1 (J)[c]	2.9 (U)
Lead	µg/L	—	—	1.24	0.8 (J)	—	—	—	14.6	10.2
Mercury	µg/L	—	—	0.017 (J)	0.013 (U)	—	—	—	0.21	0.14 (J)
Chloroform	µg/L	ND[d]	3.3 (J)	1.9 (J)	—	ND	ND	ND	5 (U)	—
Dichloroethane(1,1-)	µg/L	18	16 (J+)[e]	15 (J)	—	ND	ND	ND	5 (U)	—
Dichloroethane(1,2-)	µg/L	12	9.4 (J+)	8.8	—	ND	ND	ND	5 (U)	—
Dichloroethene(1,1-)	µg/L	34	43 (J+)	30	—	ND	ND	ND	5 (U)	—
4-Isopropyltuluene	µg/L	ND	5 (U)	5 (U)	—	ND	ND	ND	5 (U)	—
Trichloro-1,2,2-trifluoroethane(1,1,2-)	µg/L	26	1.6 (J)	4.5 (J)	—	ND	ND	ND	5 (U)	—
Trichloroethane(1,1,1-)	µg/L	800	1100 (J+)	1400	—	12	13	7.9	5 (U)	—
Trichloroethene	µg/L	ND	7.5 (J+)	13	—	ND	ND	ND	5 (U)	–
Toluene	µg/L	ND	5 (U)	5 (U)	—	ND	ND	ND	5 (U)	—
Cesium-137	pCi/L	—	—	0.5 (U)	—	—	—	—	-0.8 (U)	—
Total Uranium	µg/L	—	—	0.313	0.231	—	—	—	—	—
Tritium	pCi/L	2710	—	—	1780	413	458	—	60 (U)	—

Note: Gray shading indicates sample results are from an undeveloped well.

[a] – = Analysis was not requested.

[b] (U) = Undetected quantity.

[c] (J) = Estimated detected quantity.

[d] ND = Not detected.

[e] (J+) = Estimated detected quantity

REFERENCES

ER Project (Environmental Restoration Project), April 1995. "RFI Report for Field Unit 1, SWMU 3-010(a)," Los Alamos National Laboratory report LA-UR-95-1485, Los Alamos, New Mexico: (ER Project 1995, 46195.5)

ER Project (Environmental Restoration Project), April 1997. "Core Document for Canyons Investigations," Los Alamos National Laboratory report LA-UR-96-2083, Los Alamos, New Mexico. (ER Project 1997, 55622)

ER Project (Environmental Restoration Project), February 7, 1996. "Response to the Notice of Deficiency for the RFI Report for Solid Waste Management Unit 3-010(a)," Los Alamos National Laboratory letter (EM/ER:96-046) to Ms. B. Driscol, EPA Region 6, from J. Jansen and T. Taylor, Los Alamos National Laboratory , Los Alamos, New Mexico. (ER Project 1996, 54083.1)

ER Project (Environmental Restoration Project), December 21,1999. "Plan for Characterization of Groundwater, Surface Water, and Sediments at SWMU 3-010(a)," Los Alamos National Laboratory report, Los Alamos, New Mexico. (ER Project 1999, 65131.2)

EPA (Environmental Protection Agency), November 11,1995. "List of Deficiencies RFI Report for SWMU 3-010(a) Los Alamos National Laboratory" regarding "RFI Report for PRS 3-010(a) in Technical Area 3 Los Alamos National Laboratory NM 0890010515," letter from EPA to Los Alamos National Laboratory, New Mexico Federal Facilities Section. (EPA 1995, 67307)

NMED (New Mexico Environment Department), December 1, 1999. "Response to Response to Notice of Deficiency for the RFI Report for SWMU 3-010(a)," letter from NMED (NM 0890010515) to Los Alamos National Laboratory. (NMED 1999, 64614)

Appendix E

Data for 1999/2000 Sample Results

TABLE E-1
PRS 3-010(a) 1999-2000 WATER SAMPLE RESULTS

PRS ID	LOCATION ID	SAMPLE ID	COLLECTION DATE	BEGIN DEPTH	END DEPTH	DEPTH UNITS	SAMPLE MATRIX CODE	REQUEST NUM	SHIPPING DATE	ANALYSIS DATE	ANALYTICAL SUITE	ANALYTICAL LABORATORY	EDD ANALYTE CODE DESCRIPTION	STD SAMPLE VALUE	STD REPORTING UNITS	QUALIFIER	SAMPLE DESCRIPTION	FIELD PREP
Borehole Water Results																		
03-010(a)	03-02664	RE03-99-2215	12/14/99	0	0	NA	WS	6253R	12/14/99	12/15/99	VOC	Paragon/ATI	Acetone	20	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2215	12/14/99	0	0	NA	WS	6253R	12/14/99	12/15/99	VOC	Paragon/ATI	Benzene	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2215	12/14/99	0	0	NA	WS	6253R	12/14/99	12/15/99	VOC	Paragon/ATI	Bromobenzene	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2215	12/14/99	0	0	NA	WS	6253R	12/14/99	12/15/99	VOC	Paragon/ATI	Bromochloromethane	0.44	UG/L	J	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2215	12/14/99	0	0	NA	WS	6253R	12/14/99	12/15/99	VOC	Paragon/ATI	Bromodichloromethane	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2215	12/14/99	0	0	NA	WS	6253R	12/14/99	12/15/99	VOC	Paragon/ATI	Bromoform	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2215	12/14/99	0	0	NA	WS	6253R	12/14/99	12/15/99	VOC	Paragon/ATI	Bromomethane	10	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2215	12/14/99	0	0	NA	WS	6253R	12/14/99	12/15/99	VOC	Paragon/ATI	Butanone[2-]	20	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2215	12/14/99	0	0	NA	WS	6253R	12/14/99	12/15/99	VOC	Paragon/ATI	Butylbenzene[n-]	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2215	12/14/99	0	0	NA	WS	6253R	12/14/99	12/15/99	VOC	Paragon/ATI	Butylbenzene[sec-]	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2215	12/14/99	0	0	NA	WS	6253R	12/14/99	12/15/99	VOC	Paragon/ATI	Butylbenzene[tert-]	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2215	12/14/99	0	0	NA	WS	6253R	12/14/99	12/15/99	VOC	Paragon/ATI	Carbon Disulfide	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2215	12/14/99	0	0	NA	WS	6253R	12/14/99	12/15/99	VOC	Paragon/ATI	Carbon Tetrachloride	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2215	12/14/99	0	0	NA	WS	6253R	12/14/99	12/15/99	VOC	Paragon/ATI	Chlorobenzene	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2215	12/14/99	0	0	NA	WS	6253R	12/14/99	12/15/99	VOC	Paragon/ATI	Chlorodibromomethane	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2215	12/14/99	0	0	NA	WS	6253R	12/14/99	12/15/99	VOC	Paragon/ATI	Chloroethane	10	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2215	12/14/99	0	0	NA	WS	6253R	12/14/99	12/15/99	VOC	Paragon/ATI	Chloroform	3.3	UG/L	J	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2215	12/14/99	0	0	NA	WS	6253R	12/14/99	12/15/99	VOC	Paragon/ATI	Chloromethane	10	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2215	12/14/99	0	0	NA	WS	6253R	12/14/99	12/15/99	VOC	Paragon/ATI	Chlorotoluene[2-]	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2215	12/14/99	0	0	NA	WS	6253R	12/14/99	12/15/99	VOC	Paragon/ATI	Chlorotoluene[4-]	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2215	12/14/99	0	0	NA	WS	6253R	12/14/99	12/15/99	VOC	Paragon/ATI	Dibromo-3-chloropropane[1,2-]	10	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2215	12/14/99	0	0	NA	WS	6253R	12/14/99	12/15/99	VOC	Paragon/ATI	Dibromoethane[1,2-]	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2215	12/14/99	0	0	NA	WS	6253R	12/14/99	12/15/99	VOC	Paragon/ATI	Dibromomethane	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2215	12/14/99	0	0	NA	WS	6253R	12/14/99	12/15/99	VOC	Paragon/ATI	Dichlorobenzene[1,2-]	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2215	12/14/99	0	0	NA	WS	6253R	12/14/99	12/15/99	VOC	Paragon/ATI	Dichlorobenzene[1,3-]	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2215	12/14/99	0	0	NA	WS	6253R	12/14/99	12/15/99	VOC	Paragon/ATI	Dichlorobenzene[1,4-]	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2215	12/14/99	0	0	NA	WS	6253R	12/14/99	12/15/99	VOC	Paragon/ATI	Dichlorodifluoromethane	10	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2215	12/14/99	0	0	NA	WS	6253R	12/14/99	12/15/99	VOC	Paragon/ATI	Dichloroethane[1,1-]	16	UG/L	J+	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2215	12/14/99	0	0	NA	WS	6253R	12/14/99	12/15/99	VOC	Paragon/ATI	Dichloroethane[1,2-]	9.4	UG/L	J+	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2215	12/14/99	0	0	NA	WS	6253R	12/14/99	12/15/99	VOC	Paragon/ATI	Dichloroethene[1,1-]	43	UG/L	J+	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2215	12/14/99	0	0	NA	WS	6253R	12/14/99	12/15/99	VOC	Paragon/ATI	Dichloroethene[cis-1,2-]	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2215	12/14/99	0	0	NA	WS	6253R	12/14/99	12/15/99	VOC	Paragon/ATI	Dichloroethene[trans-1,2-]	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2215	12/14/99	0	0	NA	WS	6253R	12/14/99	12/15/99	VOC	Paragon/ATI	Dichloropropane[1,2-]	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2215	12/14/99	0	0	NA	WS	6253R	12/14/99	12/15/99	VOC	Paragon/ATI	Dichloropropane[1,3-]	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2215	12/14/99	0	0	NA	WS	6253R	12/14/99	12/15/99	VOC	Paragon/ATI	Dichloropropane[2,2-]	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2215	12/14/99	0	0	NA	WS	6253R	12/14/99	12/15/99	VOC	Paragon/ATI	Dichloropropene[1,1-]	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2215	12/14/99	0	0	NA	WS	6253R	12/14/99	12/15/99	VOC	Paragon/ATI	Dichloropropene[cis-1,3-]	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2215	12/14/99	0	0	NA	WS	6253R	12/14/99	12/15/99	VOC	Paragon/ATI	Dichloropropene[trans-1,3-]	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2215	12/14/99	0	0	NA	WS	6253R	12/14/99	12/15/99	VOC	Paragon/ATI	Ethylbenzene	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2215	12/14/99	0	0	NA	WS	6253R	12/14/99	12/15/99	VOC	Paragon/ATI	Hexachlorobutadiene	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2215	12/14/99	0	0	NA	WS	6253R	12/14/99	12/15/99	VOC	Paragon/ATI	Hexanone[2-]	20	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2215	12/14/99	0	0	NA	WS	6253R	12/14/99	12/15/99	VOC	Paragon/ATI	Iodomethane	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2215	12/14/99	0	0	NA	WS	6253R	12/14/99	12/15/99	VOC	Paragon/ATI	Isopropylbenzene	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2215	12/14/99	0	0	NA	WS	6253R	12/14/99	12/15/99	VOC	Paragon/ATI	Isopropyltoluene[4-]	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2215	12/14/99	0	0	NA	WS	6253R	12/14/99	12/15/99	VOC	Paragon/ATI	Methyl-2-pentanone[4-]	20	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2215	12/14/99	0	0	NA	WS	6253R	12/14/99	12/15/99	VOC	Paragon/ATI	Methylene Chloride	1.7	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2215	12/14/99	0	0	NA	WS	6253R	12/14/99	12/15/99	VOC	Paragon/ATI	Naphthalene	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2215	12/14/99	0	0	NA	WS	6253R	12/14/99	12/15/99	VOC	Paragon/ATI	Propylbenzene[1-]	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2215	12/14/99	0	0	NA	WS	6253R	12/14/99	12/15/99	VOC	Paragon/ATI	Styrene	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2215	12/14/99	0	0	NA	WS	6253R	12/14/99	12/15/99	VOC	Paragon/ATI	Tetrachloroethane[1,1,1,2-]	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2215	12/14/99	0	0	NA	WS	6253R	12/14/99	12/15/99	VOC	Paragon/ATI	Tetrachloroethane[1,1,2,2-]	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2215	12/14/99	0	0	NA	WS	6253R	12/14/99	12/15/99	VOC	Paragon/ATI	Tetrachloroethene	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2215	12/14/99	0	0	NA	WS	6253R	12/14/99	12/15/99	VOC	Paragon/ATI	Toluene	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2215	12/14/99	0	0	NA	WS	6253R	12/14/99	12/15/99	VOC	Paragon/ATI	Trichloro-1,2,2-trifluoroethane[1,1,2-]	1.6	UG/L	J	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2215	12/14/99	0	0	NA	WS	6253R	12/14/99	12/15/99	VOC	Paragon/ATI	Trichlorobenzene[1,2,3-]	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2215	12/14/99	0	0	NA	WS	6253R	12/14/99	12/15/99	VOC	Paragon/ATI	Trichlorobenzene[1,2,4-]	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2215	12/14/99	0	0	NA	WS	6253R	12/14/99	12/15/99	VOC	Paragon/ATI	Trichloroethane[1,1,1-]	1100	UG/L	J+	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2215	12/14/99	0	0	NA	WS	6253R	12/14/99	12/15/99	VOC	Paragon/ATI	Trichloroethane[1,1,2-]	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2215	12/14/99	0	0	NA	WS	6253R	12/14/99	12/15/99	VOC	Paragon/ATI	Trichloroethene	7.5	UG/L	J+	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2215	12/14/99	0	0	NA	WS	6253R	12/14/99	12/15/99	VOC	Paragon/ATI	Trichlorofluoromethane	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2215	12/14/99	0	0	NA	WS	6253R	12/14/99	12/15/99	VOC	Paragon/ATI	Trichloropropane[1,2,3-]	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2215	12/14/99	0	0	NA	WS	6253R	12/14/99	12/15/99	VOC	Paragon/ATI	Trimethylbenzene[1,2,4-]	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2215	12/14/99	0	0	NA	WS	6253R	12/14/99	12/15/99	VOC	Paragon/ATI	Trimethylbenzene[1,3,5-]	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2215	12/14/99	0	0	NA	WS	6253R	12/14/99	12/15/99	VOC	Paragon/ATI	Vinyl Chloride	10	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2215	12/14/99	0	0	NA	WS	6253R	12/14/99	12/15/99	VOC	Paragon/ATI	Xylene (Total)	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2215	12/14/99	0	0	NA	WS	6253R	12/14/99	12/15/99	VOC	Paragon/ATI	Xylene[1,2-]	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6277R	12/20/99	1/27/00	GAMMA_SPEC	Paragon/ATI	Cesium-137	0.5	PCI/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6275R	12/20/99	1/10/00	TAL_METALS	Paragon/ATI	Aluminum	1400	UG/L		Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6275R	12/20/99	1/10/00	TAL_METALS	Paragon/ATI	Antimony	3	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6276R	12/20/99		TAL_METALS	GEL	Antimony	0.969	UG/L	J	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6275R	12/20/99	1/10/00	TAL_METALS	Paragon/ATI	Arsenic	2.6	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6275R	12/20/99	1/10/00	TAL_METALS	Paragon/ATI	Barium	39	UG/L	J	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6275R	12/20/99	1/10/00	TAL_METALS	Paragon/ATI	Beryllium	0.24	UG/L	J	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6276R	12/20/99		TAL_METALS	GEL	Beryllium	0.257	UG/L		Clear, no odor	UNFILTERED

TABLE E-1
PRS 3-010(a) 1999-2000 WATER SAMPLE RESULTS

PRS ID	LOCATION ID	SAMPLE ID	COLLECTION DATE	BEGIN DEPTH	END DEPTH	DEPTH UNITS	SAMPLE MATRIX CODE	REQUEST NUM	SHIPPING DATE	ANALYSIS DATE	ANALYTICAL SUITE	ANALYTICAL LABORATORY	EDD ANALYTE CODE DESCRTIPTION	STD SAMPLE VALUE	STD REPORTING UNITS	QUALIFIER	SAMPLE DESCRIPTION	FIELD PREP
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6275R	12/20/99	1/10/00	TAL_METALS	Paragon/ATI	Cadmium	0.18	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6276R	12/20/99		TAL_METALS	GEL	Cadmium	0.13	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6275R	12/20/99	1/10/00	TAL_METALS	Paragon/ATI	Calcium	8000	UG/L		Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6275R	12/20/99	1/10/00	TAL_METALS	Paragon/ATI	Chromium, Total	1.4	UG/L	J	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6275R	12/20/99	1/10/00	TAL_METALS	Paragon/ATI	Cobalt	0.45	UG/L	J	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6275R	12/20/99	1/10/00	TAL_METALS	Paragon/ATI	Copper	1.7	UG/L	J	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6275R	12/20/99	1/10/00	TAL_METALS	Paragon/ATI	Iron	980	UG/L		Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6275R	12/20/99	1/10/00	TAL_METALS	Paragon/ATI	Lead	0.95	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6276R	12/20/99		TAL_METALS	GEL	Lead	1.24	UG/L		Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6275R	12/20/99	1/10/00	TAL_METALS	Paragon/ATI	Magnesium	2100	UG/L		Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6275R	12/20/99	1/10/00	TAL_METALS	Paragon/ATI	Manganese	6.9	UG/L	J	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6275R	12/20/99	12/28/99	TAL_METALS	Paragon/ATI	Mercury	0.017	UG/L	J	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6275R	12/20/99	1/10/00	TAL_METALS	Paragon/ATI	Nickel	5.1	UG/L	J	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6275R	12/20/99	1/10/00	TAL_METALS	Paragon/ATI	Potassium	1700	UG/L		Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6275R	12/20/99	1/10/00	TAL_METALS	Paragon/ATI	Selenium	2.8	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6275R	12/20/99	1/10/00	TAL_METALS	Paragon/ATI	Silver	0.24	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6275R	12/20/99	1/10/00	TAL_METALS	Paragon/ATI	Sodium	21000	UG/L		Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6275R	12/20/99	1/10/00	TAL_METALS	Paragon/ATI	Thallium	5.7	UG/L	J	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6276R	12/20/99		TAL_METALS	GEL	Thallium	0.128	UG/L	J	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6275R	12/20/99	1/10/00	TAL_METALS	Paragon/ATI	Vanadium	2	UG/L	J	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6275R	12/20/99	1/10/00	TAL_METALS	Paragon/ATI	Zinc	11	UG/L	J	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6276R	12/20/99		TOTAL_URANIUM	GEL	Uranium	0.313	UG/L		Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6274R	12/20/99	12/22/99	VOC	Paragon/ATI	Acetone	20	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6274R	12/20/99	12/22/99	VOC	Paragon/ATI	Benzene	0.63	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6274R	12/20/99	12/22/99	VOC	Paragon/ATI	Bromobenzene	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6274R	12/20/99	12/22/99	VOC	Paragon/ATI	Bromochloromethane	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6274R	12/20/99	12/22/99	VOC	Paragon/ATI	Bromodichloromethane	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6274R	12/20/99	12/22/99	VOC	Paragon/ATI	Bromoform	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6274R	12/20/99	12/22/99	VOC	Paragon/ATI	Bromomethane	10	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6274R	12/20/99	12/22/99	VOC	Paragon/ATI	Butanone[2-]	20	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6274R	12/20/99	12/22/99	VOC	Paragon/ATI	Butylbenzene[n-]	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6274R	12/20/99	12/22/99	VOC	Paragon/ATI	Butylbenzene[sec-]	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6274R	12/20/99	12/22/99	VOC	Paragon/ATI	Butylbenzene[tert-]	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6274R	12/20/99	12/22/99	VOC	Paragon/ATI	Carbon Disulfide	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6274R	12/20/99	12/22/99	VOC	Paragon/ATI	Carbon Tetrachloride	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6274R	12/20/99	12/22/99	VOC	Paragon/ATI	Chlorobenzene	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6274R	12/20/99	12/22/99	VOC	Paragon/ATI	Chlorodibromomethane	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6274R	12/20/99	12/22/99	VOC	Paragon/ATI	Chloroethane	10	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6274R	12/20/99	12/22/99	VOC	Paragon/ATI	Chloroform	1.9	UG/L	J	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6274R	12/20/99	12/22/99	VOC	Paragon/ATI	Chloromethane	10	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6274R	12/20/99	12/22/99	VOC	Paragon/ATI	Chlorotoluene[2-]	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6274R	12/20/99	12/22/99	VOC	Paragon/ATI	Chlorotoluene[4-]	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6274R	12/20/99	12/22/99	VOC	Paragon/ATI	Dibromo-3-chloropropane[1,2-]	10	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6274R	12/20/99	12/22/99	VOC	Paragon/ATI	Dibromoethane[1,2-]	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6274R	12/20/99	12/22/99	VOC	Paragon/ATI	Dibromomethane	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6274R	12/20/99	12/22/99	VOC	Paragon/ATI	Dichlorobenzene[1,2-]	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6274R	12/20/99	12/22/99	VOC	Paragon/ATI	Dichlorobenzene[1,3-]	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6274R	12/20/99	12/22/99	VOC	Paragon/ATI	Dichlorobenzene[1,4-]	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6274R	12/20/99	12/22/99	VOC	Paragon/ATI	Dichlorodifluoromethane	10	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6274R	12/20/99	12/22/99	VOC	Paragon/ATI	Dichloroethane[1,1-]	15	UG/L	J	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6274R	12/20/99	12/22/99	VOC	Paragon/ATI	Dichloroethane[1,2-]	8.8	UG/L		Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6274R	12/20/99	12/22/99	VOC	Paragon/ATI	Dichloroethene[1,1-]	30	UG/L		Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6274R	12/20/99	12/22/99	VOC	Paragon/ATI	Dichloroethene[cis-1,2-]	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6274R	12/20/99	12/22/99	VOC	Paragon/ATI	Dichloroethene[trans-1,2-]	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6274R	12/20/99	12/22/99	VOC	Paragon/ATI	Dichloropropane[1,2-]	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6274R	12/20/99	12/22/99	VOC	Paragon/ATI	Dichloropropane[1,3-]	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6274R	12/20/99	12/22/99	VOC	Paragon/ATI	Dichloropropane[2,2-]	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6274R	12/20/99	12/22/99	VOC	Paragon/ATI	Dichloropropene[1,1-]	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6274R	12/20/99	12/22/99	VOC	Paragon/ATI	Dichloropropene[cis-1,3-]	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6274R	12/20/99	12/22/99	VOC	Paragon/ATI	Dichloropropene[trans-1,3-]	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6274R	12/20/99	12/22/99	VOC	Paragon/ATI	Ethylbenzene	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6274R	12/20/99	12/22/99	VOC	Paragon/ATI	Hexachlorobutadiene	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6274R	12/20/99	12/22/99	VOC	Paragon/ATI	Hexanone[2-]	20	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6274R	12/20/99	12/22/99	VOC	Paragon/ATI	Iodomethane	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6274R	12/20/99	12/22/99	VOC	Paragon/ATI	Isopropylbenzene	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6274R	12/20/99	12/22/99	VOC	Paragon/ATI	Isopropyltoluene[4-]	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6274R	12/20/99	12/22/99	VOC	Paragon/ATI	Methyl-2-pentanone[4-]	20	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6274R	12/20/99	12/22/99	VOC	Paragon/ATI	Methylene Chloride	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6274R	12/20/99	12/22/99	VOC	Paragon/ATI	Naphthalene	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6274R	12/20/99	12/22/99	VOC	Paragon/ATI	Propylbenzene[1-]	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6274R	12/20/99	12/22/99	VOC	Paragon/ATI	Styrene	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6274R	12/20/99	12/22/99	VOC	Paragon/ATI	Tetrachloroethane[1,1,1,2-]	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6274R	12/20/99	12/22/99	VOC	Paragon/ATI	Tetrachloroethane[1,1,2,2-]	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6274R	12/20/99	12/22/99	VOC	Paragon/ATI	Tetrachloroethene	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6274R	12/20/99	12/22/99	VOC	Paragon/ATI	Toluene	5	UG/L	U	Clear, no odor	UNFILTERED

TABLE E-1
PRS 3-010(a) 1999-2000 WATER SAMPLE RESULTS

PRS ID	LOCATION ID	SAMPLE ID	COLLECTION DATE	BEGIN DEPTH	END DEPTH	DEPTH UNITS	SAMPLE MATRIX CODE	REQUEST NUM	SHIPPING DATE	ANALYSIS DATE	ANALYTICAL SUITE	ANALYTICAL LABORATORY	EDD ANALYTE CODE DESCRTIPTION	STD SAMPLE VALUE	STD REPORTING UNITS	QUALIFIER	SAMPLE DESCRIPTION	FIELD PREP
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6274R	12/20/99	12/22/99	VOC	Paragon/ATI	Trichloro-1,2,2-trifluoroethane[1,1,2-]	4.5	UG/L	J	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6274R	12/20/99	12/22/99	VOC	Paragon/ATI	Trichlorobenzene[1,2,3-]	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6274R	12/20/99	12/22/99	VOC	Paragon/ATI	Trichlorobenzene[1,2,4-]	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6274R	12/20/99	12/22/99	VOC	Paragon/ATI	Trichloroethane[1,1,1-]	1400	UG/L		Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6274R	12/20/99	12/22/99	VOC	Paragon/ATI	Trichloroethane[1,1,2-]	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6274R	12/20/99	12/22/99	VOC	Paragon/ATI	Trichloroethene	13	UG/L		Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6274R	12/20/99	12/22/99	VOC	Paragon/ATI	Trichlorofluoromethane	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6274R	12/20/99	12/22/99	VOC	Paragon/ATI	Trichloropropane[1,2,3-]	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6274R	12/20/99	12/22/99	VOC	Paragon/ATI	Trimethylbenzene[1,2,4-]	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6274R	12/20/99	12/22/99	VOC	Paragon/ATI	Trimethylbenzene[1,3,5-]	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6274R	12/20/99	12/22/99	VOC	Paragon/ATI	Vinyl Chloride	10	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6274R	12/20/99	12/22/99	VOC	Paragon/ATI	Xylene (Total)	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2224	12/17/99	0	0	NA	WS	6274R	12/20/99	12/22/99	VOC	Paragon/ATI	Xylene[1,2-]	5	UG/L	U	Clear, no odor	UNFILTERED
03-010(a)	03-02664	RE03-99-2225	12/17/99	0	0	NA	WS	6277R	12/20/99	1/9/00	H-3	Paragon/ATI	Tritium	1780	PCI/L		Clear, no odor	FILTERED
03-010(a)	03-02664	RE03-99-2225	12/17/99	0	0	NA	WS	6275R	12/20/99	1/10/00	TAL_METALS	Paragon/ATI	Aluminum	1100	UG/L		Clear, no odor	FILTERED
03-010(a)	03-02664	RE03-99-2225	12/17/99	0	0	NA	WS	6275R	12/20/99	1/10/00	TAL_METALS	Paragon/ATI	Antimony	3	UG/L	U	Clear, no odor	FILTERED
03-010(a)	03-02664	RE03-99-2225	12/17/99	0	0	NA	WS	6276R	12/20/99		TAL_METALS	GEL	Antimony	0.709	UG/L	J	Clear, no odor	FILTERED
03-010(a)	03-02664	RE03-99-2225	12/17/99	0	0	NA	WS	6275R	12/20/99	1/10/00	TAL_METALS	Paragon/ATI	Arsenic	2.6	UG/L	U	Clear, no odor	FILTERED
03-010(a)	03-02664	RE03-99-2225	12/17/99	0	0	NA	WS	6275R	12/20/99	1/10/00	TAL_METALS	Paragon/ATI	Barium	39	UG/L	J	Clear, no odor	FILTERED
03-010(a)	03-02664	RE03-99-2225	12/17/99	0	0	NA	WS	6275R	12/20/99	1/10/00	TAL_METALS	Paragon/ATI	Beryllium	0.29	UG/L	J	Clear, no odor	FILTERED
03-010(a)	03-02664	RE03-99-2225	12/17/99	0	0	NA	WS	6276R	12/20/99		TAL_METALS	GEL	Beryllium	0.188	UG/L	J	Clear, no odor	FILTERED
03-010(a)	03-02664	RE03-99-2225	12/17/99	0	0	NA	WS	6275R	12/20/99	1/10/00	TAL_METALS	Paragon/ATI	Cadmium	0.18	UG/L	U	Clear, no odor	FILTERED
03-010(a)	03-02664	RE03-99-2225	12/17/99	0	0	NA	WS	6276R	12/20/99		TAL_METALS	GEL	Cadmium	0.13	UG/L	U	Clear, no odor	FILTERED
03-010(a)	03-02664	RE03-99-2225	12/17/99	0	0	NA	WS	6275R	12/20/99	1/10/00	TAL_METALS	Paragon/ATI	Calcium	8600	UG/L		Clear, no odor	FILTERED
03-010(a)	03-02664	RE03-99-2225	12/17/99	0	0	NA	WS	6275R	12/20/99	1/10/00	TAL_METALS	Paragon/ATI	Chromium, Total	7.2	UG/L	J	Clear, no odor	FILTERED
03-010(a)	03-02664	RE03-99-2225	12/17/99	0	0	NA	WS	6275R	12/20/99	1/10/00	TAL_METALS	Paragon/ATI	Cobalt	0.43	UG/L	J	Clear, no odor	FILTERED
03-010(a)	03-02664	RE03-99-2225	12/17/99	0	0	NA	WS	6275R	12/20/99	1/10/00	TAL_METALS	Paragon/ATI	Copper	1.7	UG/L	J	Clear, no odor	FILTERED
03-010(a)	03-02664	RE03-99-2225	12/17/99	0	0	NA	WS	6275R	12/20/99	1/10/00	TAL_METALS	Paragon/ATI	Iron	740	UG/L		Clear, no odor	FILTERED
03-010(a)	03-02664	RE03-99-2225	12/17/99	0	0	NA	WS	6275R	12/20/99	1/10/00	TAL_METALS	Paragon/ATI	Lead	0.95	UG/L	U	Clear, no odor	FILTERED
03-010(a)	03-02664	RE03-99-2225	12/17/99	0	0	NA	WS	6276R	12/20/99		TAL_METALS	GEL	Lead	0.805	UG/L	J	Clear, no odor	FILTERED
03-010(a)	03-02664	RE03-99-2225	12/17/99	0	0	NA	WS	6275R	12/20/99	1/10/00	TAL_METALS	Paragon/ATI	Magnesium	2200	UG/L		Clear, no odor	FILTERED
03-010(a)	03-02664	RE03-99-2225	12/17/99	0	0	NA	WS	6275R	12/20/99	1/10/00	TAL_METALS	Paragon/ATI	Manganese	10	UG/L		Clear, no odor	FILTERED
03-010(a)	03-02664	RE03-99-2225	12/17/99	0	0	NA	WS	6275R	12/20/99	12/28/99	TAL_METALS	Paragon/ATI	Mercury	0.013	UG/L	U	Clear, no odor	FILTERED
03-010(a)	03-02664	RE03-99-2225	12/17/99	0	0	NA	WS	6275R	12/20/99	1/10/00	TAL_METALS	Paragon/ATI	Nickel	16	UG/L	J	Clear, no odor	FILTERED
03-010(a)	03-02664	RE03-99-2225	12/17/99	0	0	NA	WS	6275R	12/20/99	1/10/00	TAL_METALS	Paragon/ATI	Potassium	1900	UG/L		Clear, no odor	FILTERED
03-010(a)	03-02664	RE03-99-2225	12/17/99	0	0	NA	WS	6275R	12/20/99	1/10/00	TAL_METALS	Paragon/ATI	Selenium	2.8	UG/L	U	Clear, no odor	FILTERED
03-010(a)	03-02664	RE03-99-2225	12/17/99	0	0	NA	WS	6275R	12/20/99	1/10/00	TAL_METALS	Paragon/ATI	Silver	0.24	UG/L	U	Clear, no odor	FILTERED
03-010(a)	03-02664	RE03-99-2225	12/17/99	0	0	NA	WS	6275R	12/20/99	1/10/00	TAL_METALS	Paragon/ATI	Sodium	22000	UG/L		Clear, no odor	FILTERED
03-010(a)	03-02664	RE03-99-2225	12/17/99	0	0	NA	WS	6275R	12/20/99	1/10/00	TAL_METALS	Paragon/ATI	Thallium	6.4	UG/L	J	Clear, no odor	FILTERED
03-010(a)	03-02664	RE03-99-2225	12/17/99	0	0	NA	WS	6276R	12/20/99		TAL_METALS	GEL	Thallium	0.076	UG/L	J	Clear, no odor	FILTERED
03-010(a)	03-02664	RE03-99-2225	12/17/99	0	0	NA	WS	6275R	12/20/99	1/10/00	TAL_METALS	Paragon/ATI	Vanadium	1.3	UG/L	J	Clear, no odor	FILTERED
03-010(a)	03-02664	RE03-99-2225	12/17/99	0	0	NA	WS	6275R	12/20/99	1/10/00	TAL_METALS	Paragon/ATI	Zinc	14	UG/L	J	Clear, no odor	FILTERED
03-010(a)	03-02664	RE03-99-2225	12/17/99	0	0	NA	WS	6276R	12/20/99		TOTAL_URANIUM	GEL	Uranium	0.231	UG/L		Clear, no odor	FILTERED
"Seep"/Surface Water Data																		
03-010(a)	03-14443	RE03-00-0002	03/10/00	0	0	NA	WS	6566R	3/13/00	4/13/00	GAMMA_SPEC	Paragon/ATI	Cesium-137	-0.8	PCI/L	U	Cloudy, odorless	UNFILTERED
03-010(a)	03-14443	RE03-00-0002	03/10/00	0	0	NA	WS	6566R	3/13/00	3/31/00	H-3	Paragon/ATI	Tritium	60	PCI/L	U	Cloudy, odorless	UNFILTERED
03-010(a)	03-14443	RE03-00-0002	03/10/00	0	0	NA	WS	6565R	3/13/00	3/23/00	LIMITED LIST TAL METALS	RECRA	Arsenic	3.1	UG/L	J	Cloudy, odorless	UNFILTERED
03-010(a)	03-14443	RE03-00-0002	03/10/00	0	0	NA	WS	6565R	3/13/00	3/23/00	LIMITED LIST TAL METALS	RECRA	Lead	14.6	UG/L		Cloudy, odorless	UNFILTERED
03-010(a)	03-14443	RE03-00-0002	03/10/00	0	0	NA	WS	6565R	3/13/00	3/27/00	LIMITED LIST TAL METALS	RECRA	Mercury	0.21	UG/L		Cloudy, odorless	UNFILTERED
03-010(a)	03-14443	RE03-00-0002	03/10/00	0	0	NA	WS	6565R	3/13/00	3/23/00	LIMITED LIST TAL METALS	RECRA	Selenium	4.4	UG/L	U	Cloudy, odorless	UNFILTERED
03-010(a)	03-14443	RE03-00-0002	03/10/00	0	0	NA	WS	6565R	3/13/00	3/23/00	LIMITED LIST TAL METALS	RECRA	Thallium	3.7	UG/L	U	Cloudy, odorless	UNFILTERED
03-010(a)	03-14443	RE03-00-0002	03/10/00	0	0	NA	WS	6564R	3/13/00	3/16/00	VOC	RECRA	Acetone	10	UG/L	U	Cloudy, odorless	UNFILTERED
03-010(a)	03-14443	RE03-00-0002	03/10/00	0	0	NA	WS	6564R	3/13/00	3/16/00	VOC	RECRA	Benzene	5	UG/L	U	Cloudy, odorless	UNFILTERED
03-010(a)	03-14443	RE03-00-0002	03/10/00	0	0	NA	WS	6564R	3/13/00	3/16/00	VOC	RECRA	Bromobenzene	5	UG/L	U	Cloudy, odorless	UNFILTERED
03-010(a)	03-14443	RE03-00-0002	03/10/00	0	0	NA	WS	6564R	3/13/00	3/16/00	VOC	RECRA	Bromochloromethane	5	UG/L	U	Cloudy, odorless	UNFILTERED
03-010(a)	03-14443	RE03-00-0002	03/10/00	0	0	NA	WS	6564R	3/13/00	3/16/00	VOC	RECRA	Bromodichloromethane	5	UG/L	U	Cloudy, odorless	UNFILTERED
03-010(a)	03-14443	RE03-00-0002	03/10/00	0	0	NA	WS	6564R	3/13/00	3/16/00	VOC	RECRA	Bromoform	5	UG/L	U	Cloudy, odorless	UNFILTERED
03-010(a)	03-14443	RE03-00-0002	03/10/00	0	0	NA	WS	6564R	3/13/00	3/16/00	VOC	RECRA	Bromomethane	10	UG/L	U	Cloudy, odorless	UNFILTERED
03-010(a)	03-14443	RE03-00-0002	03/10/00	0	0	NA	WS	6564R	3/13/00	3/16/00	VOC	RECRA	Butanone[2-]	20	UG/L	U	Cloudy, odorless	UNFILTERED
03-010(a)	03-14443	RE03-00-0002	03/10/00	0	0	NA	WS	6564R	3/13/00	3/16/00	VOC	RECRA	Butylbenzene[n-]	5	UG/L	U	Cloudy, odorless	UNFILTERED
03-010(a)	03-14443	RE03-00-0002	03/10/00	0	0	NA	WS	6564R	3/13/00	3/16/00	VOC	RECRA	Butylbenzene[sec-]	5	UG/L	U	Cloudy, odorless	UNFILTERED
03-010(a)	03-14443	RE03-00-0002	03/10/00	0	0	NA	WS	6564R	3/13/00	3/16/00	VOC	RECRA	Butylbenzene[tert-]	5	UG/L	U	Cloudy, odorless	UNFILTERED
03-010(a)	03-14443	RE03-00-0002	03/10/00	0	0	NA	WS	6564R	3/13/00	3/16/00	VOC	RECRA	Carbon Disulfide	5	UG/L	U	Cloudy, odorless	UNFILTERED
03-010(a)	03-14443	RE03-00-0002	03/10/00	0	0	NA	WS	6564R	3/13/00	3/16/00	VOC	RECRA	Carbon Tetrachloride	5	UG/L	U	Cloudy, odorless	UNFILTERED
03-010(a)	03-14443	RE03-00-0002	03/10/00	0	0	NA	WS	6564R	3/13/00	3/16/00	VOC	RECRA	Chlorobenzene	5	UG/L	U	Cloudy, odorless	UNFILTERED
03-010(a)	03-14443	RE03-00-0002	03/10/00	0	0	NA	WS	6564R	3/13/00	3/16/00	VOC	RECRA	Chlorodibromomethane	5	UG/L	U	Cloudy, odorless	UNFILTERED
03-010(a)	03-14443	RE03-00-0002	03/10/00	0	0	NA	WS	6564R	3/13/00	3/16/00	VOC	RECRA	Chloroethane	10	UG/L	U	Cloudy, odorless	UNFILTERED
03-010(a)	03-14443	RE03-00-0002	03/10/00	0	0	NA	WS	6564R	3/13/00	3/16/00	VOC	RECRA	Chloroform	5	UG/L	U	Cloudy, odorless	UNFILTERED
03-010(a)	03-14443	RE03-00-0002	03/10/00	0	0	NA	WS	6564R	3/13/00	3/16/00	VOC	RECRA	Chloromethane	10	UG/L	U	Cloudy, odorless	UNFILTERED
03-010(a)	03-14443	RE03-00-0002	03/10/00	0	0	NA	WS	6564R	3/13/00	3/16/00	VOC	RECRA	Chlorotoluene[2-]	5	UG/L	U	Cloudy, odorless	UNFILTERED
03-010(a)	03-14443	RE03-00-0002	03/10/00	0	0	NA	WS	6564R	3/13/00	3/16/00	VOC	RECRA	Chlorotoluene[4-]	5	UG/L	U	Cloudy, odorless	UNFILTERED
03-010(a)	03-14443	RE03-00-0002	03/10/00	0	0	NA	WS	6564R	3/13/00	3/16/00	VOC	RECRA	Dibromo-3-chloropropane[1,2-]	10	UG/L	U	Cloudy, odorless	UNFILTERED
03-010(a)	03-14443	RE03-00-0002	03/10/00	0	0	NA	WS	6564R	3/13/00	3/16/00	VOC	RECRA	Dibromoethane[1,2-]	5	UG/L	U	Cloudy, odorless	UNFILTERED
03-010(a)	03-14443	RE03-00-0002	03/10/00	0	0	NA	WS	6564R	3/13/00	3/16/00	VOC	RECRA	Dibromomethane	5	UG/L	U	Cloudy, odorless	UNFILTERED
03-010(a)	03-14443	RE03-00-0002	03/10/00	0	0	NA	WS	6564R	3/13/00	3/16/00	VOC	RECRA	Dichlorobenzene[1,2-]	5	UG/L	U	Cloudy, odorless	UNFILTERED

TABLE E-1
PRS 3-010(a) 1999-2000 WATER SAMPLE RESULTS

PRS ID	LOCATION ID	SAMPLE ID	COLLECTION DATE	BEGIN DEPTH	END DEPTH	DEPTH UNITS	SAMPLE MATRIX CODE	REQUEST NUM	SHIPPING DATE	ANALYSIS DATE	ANALYTICAL SUITE	ANALYTICAL LABORATORY	EDD ANALYTE CODE DESCRTIPTION	STD SAMPLE VALUE	STD REPORTING UNITS	QUALIFIER	SAMPLE DESCRIPTION	FIELD PREP
03-010(a)	03-14443	RE03-00-0002	03/10/00	0	0	NA	WS	6564R	3/13/00	3/16/00	VOC	RECRA	Dichlorobenzene[1,3-]	5	UG/L	U	Cloudy, odorless	UNFILTERED
03-010(a)	03-14443	RE03-00-0002	03/10/00	0	0	NA	WS	6564R	3/13/00	3/16/00	VOC	RECRA	Dichlorobenzene[1,4-]	5	UG/L	U	Cloudy, odorless	UNFILTERED
03-010(a)	03-14443	RE03-00-0002	03/10/00	0	0	NA	WS	6564R	3/13/00	3/16/00	VOC	RECRA	Dichlorodifluoromethane	10	UG/L	U	Cloudy, odorless	UNFILTERED
03-010(a)	03-14443	RE03-00-0002	03/10/00	0	0	NA	WS	6564R	3/13/00	3/16/00	VOC	RECRA	Dichloroethane[1,1-]	5	UG/L	U	Cloudy, odorless	UNFILTERED
03-010(a)	03-14443	RE03-00-0002	03/10/00	0	0	NA	WS	6564R	3/13/00	3/16/00	VOC	RECRA	Dichloroethane[1,2-]	5	UG/L	U	Cloudy, odorless	UNFILTERED
03-010(a)	03-14443	RE03-00-0002	03/10/00	0	0	NA	WS	6564R	3/13/00	3/16/00	VOC	RECRA	Dichloroethene[1,1-]	5	UG/L	U	Cloudy, odorless	UNFILTERED
03-010(a)	03-14443	RE03-00-0002	03/10/00	0	0	NA	WS	6564R	3/13/00	3/16/00	VOC	RECRA	Dichloroethene[cis-1,2-]	5	UG/L	U	Cloudy, odorless	UNFILTERED
03-010(a)	03-14443	RE03-00-0002	03/10/00	0	0	NA	WS	6564R	3/13/00	3/16/00	VOC	RECRA	Dichloroethene[trans-1,2-]	5	UG/L	U	Cloudy, odorless	UNFILTERED
03-010(a)	03-14443	RE03-00-0002	03/10/00	0	0	NA	WS	6564R	3/13/00	3/16/00	VOC	RECRA	Dichloropropane[1,2-]	5	UG/L	U	Cloudy, odorless	UNFILTERED
03-010(a)	03-14443	RE03-00-0002	03/10/00	0	0	NA	WS	6564R	3/13/00	3/16/00	VOC	RECRA	Dichloropropane[1,3-]	5	UG/L	U	Cloudy, odorless	UNFILTERED
03-010(a)	03-14443	RE03-00-0002	03/10/00	0	0	NA	WS	6564R	3/13/00	3/16/00	VOC	RECRA	Dichloropropane[2,2-]	5	UG/L	U	Cloudy, odorless	UNFILTERED
03-010(a)	03-14443	RE03-00-0002	03/10/00	0	0	NA	WS	6564R	3/13/00	3/16/00	VOC	RECRA	Dichloropropene[1,1-]	5	UG/L	U	Cloudy, odorless	UNFILTERED
03-010(a)	03-14443	RE03-00-0002	03/10/00	0	0	NA	WS	6564R	3/13/00	3/16/00	VOC	RECRA	Dichloropropene[cis-1,3-]	5	UG/L	U	Cloudy, odorless	UNFILTERED
03-010(a)	03-14443	RE03-00-0002	03/10/00	0	0	NA	WS	6564R	3/13/00	3/16/00	VOC	RECRA	Dichloropropene[trans-1,3-]	5	UG/L	U	Cloudy, odorless	UNFILTERED
03-010(a)	03-14443	RE03-00-0002	03/10/00	0	0	NA	WS	6564R	3/13/00	3/16/00	VOC	RECRA	Ethylbenzene	5	UG/L	U	Cloudy, odorless	UNFILTERED
03-010(a)	03-14443	RE03-00-0002	03/10/00	0	0	NA	WS	6564R	3/13/00	3/16/00	VOC	RECRA	Hexanone[2-]	20	UG/L	U	Cloudy, odorless	UNFILTERED
03-010(a)	03-14443	RE03-00-0002	03/10/00	0	0	NA	WS	6564R	3/13/00	3/16/00	VOC	RECRA	Iodomethane	5	UG/L	U	Cloudy, odorless	UNFILTERED
03-010(a)	03-14443	RE03-00-0002	03/10/00	0	0	NA	WS	6564R	3/13/00	3/16/00	VOC	RECRA	Isopropylbenzene	5	UG/L	U	Cloudy, odorless	UNFILTERED
03-010(a)	03-14443	RE03-00-0002	03/10/00	0	0	NA	WS	6564R	3/13/00	3/16/00	VOC	RECRA	Isopropyltoluene[4-]	5	UG/L	U	Cloudy, odorless	UNFILTERED
03-010(a)	03-14443	RE03-00-0002	03/10/00	0	0	NA	WS	6564R	3/13/00	3/16/00	VOC	RECRA	Methyl-2-pentanone[4-]	20	UG/L	U	Cloudy, odorless	UNFILTERED
03-010(a)	03-14443	RE03-00-0002	03/10/00	0	0	NA	WS	6564R	3/13/00	3/16/00	VOC	RECRA	Methylene Chloride	5	UG/L	U	Cloudy, odorless	UNFILTERED
03-010(a)	03-14443	RE03-00-0002	03/10/00	0	0	NA	WS	6564R	3/13/00	3/16/00	VOC	RECRA	Propylbenzene[1-]	5	UG/L	U	Cloudy, odorless	UNFILTERED
03-010(a)	03-14443	RE03-00-0002	03/10/00	0	0	NA	WS	6564R	3/13/00	3/16/00	VOC	RECRA	Styrene	5	UG/L	U	Cloudy, odorless	UNFILTERED
03-010(a)	03-14443	RE03-00-0002	03/10/00	0	0	NA	WS	6564R	3/13/00	3/16/00	VOC	RECRA	Tetrachloroethane[1,1,1,2-]	5	UG/L	U	Cloudy, odorless	UNFILTERED
03-010(a)	03-14443	RE03-00-0002	03/10/00	0	0	NA	WS	6564R	3/13/00	3/16/00	VOC	RECRA	Tetrachloroethane[1,1,2,2-]	5	UG/L	U	Cloudy, odorless	UNFILTERED
03-010(a)	03-14443	RE03-00-0002	03/10/00	0	0	NA	WS	6564R	3/13/00	3/16/00	VOC	RECRA	Tetrachloroethene	5	UG/L	U	Cloudy, odorless	UNFILTERED
03-010(a)	03-14443	RE03-00-0002	03/10/00	0	0	NA	WS	6564R	3/13/00	3/16/00	VOC	RECRA	Toluene	5	UG/L	U	Cloudy, odorless	UNFILTERED
03-010(a)	03-14443	RE03-00-0002	03/10/00	0	0	NA	WS	6564R	3/13/00	3/16/00	VOC	RECRA	Trichloro-1,2,2-trifluoroethane[1,1,2-]	5	UG/L	U	Cloudy, odorless	UNFILTERED
03-010(a)	03-14443	RE03-00-0002	03/10/00	0	0	NA	WS	6564R	3/13/00	3/16/00	VOC	RECRA	Trichloroethane[1,1,1-]	5	UG/L	U	Cloudy, odorless	UNFILTERED
03-010(a)	03-14443	RE03-00-0002	03/10/00	0	0	NA	WS	6564R	3/13/00	3/16/00	VOC	RECRA	Trichloroethane[1,1,2-]	5	UG/L	U	Cloudy, odorless	UNFILTERED
03-010(a)	03-14443	RE03-00-0002	03/10/00	0	0	NA	WS	6564R	3/13/00	3/16/00	VOC	RECRA	Trichloroethene	5	UG/L	U	Cloudy, odorless	UNFILTERED
03-010(a)	03-14443	RE03-00-0002	03/10/00	0	0	NA	WS	6564R	3/13/00	3/16/00	VOC	RECRA	Trichlorofluoromethane	0.9	UG/L	U	Cloudy, odorless	UNFILTERED
03-010(a)	03-14443	RE03-00-0002	03/10/00	0	0	NA	WS	6564R	3/13/00	3/16/00	VOC	RECRA	Trichloropropane[1,2,3-]	5	UG/L	U	Cloudy, odorless	UNFILTERED
03-010(a)	03-14443	RE03-00-0002	03/10/00	0	0	NA	WS	6564R	3/13/00	3/16/00	VOC	RECRA	Trimethylbenzene[1,2,4-]	5	UG/L	U	Cloudy, odorless	UNFILTERED
03-010(a)	03-14443	RE03-00-0002	03/10/00	0	0	NA	WS	6564R	3/13/00	3/16/00	VOC	RECRA	Trimethylbenzene[1,3,5-]	5	UG/L	U	Cloudy, odorless	UNFILTERED
03-010(a)	03-14443	RE03-00-0002	03/10/00	0	0	NA	WS	6564R	3/13/00	3/16/00	VOC	RECRA	Vinyl Chloride	10	UG/L	U	Cloudy, odorless	UNFILTERED
03-010(a)	03-14443	RE03-00-0002	03/10/00	0	0	NA	WS	6564R	3/13/00	3/16/00	VOC	RECRA	Xylene (Total)	5	UG/L	U	Cloudy, odorless	UNFILTERED
03-010(a)	03-14443	RE03-00-0003	03/10/00	0	0	NA	WS	6565R	3/13/00	3/23/00	LIMITED LIST TAL METALS	RECRA	Arsenic	2.9	UG/L	U	Clear, odorless, brown tint	FILTERED
03-010(a)	03-14443	RE03-00-0003	03/10/00	0	0	NA	WS	6565R	3/13/00	3/23/00	LIMITED LIST TAL METALS	RECRA	Lead	10.2	UG/L		Clear, odorless, brown tint	FILTERED
03-010(a)	03-14443	RE03-00-0003	03/10/00	0	0	NA	WS	6565R	3/13/00	3/27/00	LIMITED LIST TAL METALS	RECRA	Mercury	0.14	UG/L	J	Clear, odorless, brown tint	FILTERED
03-010(a)	03-14443	RE03-00-0003	03/10/00	0	0	NA	WS	6565R	3/13/00	3/23/00	LIMITED LIST TAL METALS	RECRA	Selenium	4.4	UG/L	U	Clear, odorless, brown tint	FILTERED
03-010(a)	03-14443	RE03-00-0003	03/10/00	0	0	NA	WS	6565R	3/13/00	3/23/00	LIMITED LIST TAL METALS	RECRA	Thallium	3.7	UG/L	U	Clear, odorless, brown tint	FILTERED

TABLE E-2
PRS 3-010(a) 1999-2000 SEDIMENT SAMPLE RESULTS

PRS ID	LOCATION ID	SAMPLE ID	COLLECTION DATE	BEGIN DEPTH	END DEPTH	DEPTH UNITS	SAMPLE MATRIX CODE	REQUEST NUM	SHIPPING DATE	ANALYSIS DATE	ANALYTICAL SUITE	ANALYTICAL LABORATORY	EDD ANALYTE CODE DESCRTIPTION	STD SAMPLE VALUE	STD REPORTING UNITS	QUALIFIER	SAMPLE DESCRIPTION	FIELD NOTES
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6277R	12/20/99	1/28/00	GAMMA SPEC	Paragon/ATI	Cesium-137	1.35	pCi/g		Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6277R	12/20/99	1/19/00	H3	Paragon/ATI	Tritium	0.003	pCi/g	U	Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Aluminum	3500	mg/kg	J-	Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Antimony	0.46	mg/kg	J-	Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Arsenic	3.2	mg/kg		Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Barium	61	mg/kg		Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Beryllium	0.48	mg/kg	J	Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Cadmium	0.063	mg/kg	J	Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Calcium	2200	mg/kg		Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Chromium, Total	7.7	mg/kg		Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Cobalt	3.3	mg/kg		Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Copper	8.6	mg/kg		Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Iron	8200	mg/kg		Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Lead	61	mg/kg		Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Magnesium	940	mg/kg		Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Manganese	300	mg/kg		Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6275R	12/20/99	1/10/00	METTAL	Paragon/ATI	Mercury	0.7	mg/kg		Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Nickel	4.8	mg/kg		Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Potassium	680	mg/kg		Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Selenium	0.39	mg/kg	U	Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Silver	0.033	mg/kg	U	Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Sodium	110	mg/kg	J	Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Thallium	0.5	mg/kg	U	Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Vanadium	11	mg/kg		Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Zinc	75	mg/kg		Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Acetone	0.18	mg/kg		Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Benzene	0.0077	mg/kg	U	Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Bromobenzene	0.0077	mg/kg	U	Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Bromochloromethane	0.0077	mg/kg	U	Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Bromodichloromethane	0.0077	mg/kg	U	Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Bromoform	0.0077	mg/kg	U	Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Bromomethane	0.015	mg/kg	U	Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Butanone[2-]	0.031	mg/kg	U	Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Butylbenzene[n-]	0.0077	mg/kg	U	Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Butylbenzene[sec-]	0.0077	mg/kg	U	Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Butylbenzene[tert-]	0.0077	mg/kg	U	Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Carbon Disulfide	0.0077	mg/kg	U	Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Carbon Tetrachloride	0.0077	mg/kg	U	Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Chlorobenzene	0.0077	mg/kg	U	Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Chlorodibromomethane	0.0077	mg/kg	U	Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Chloroethane	0.015	mg/kg	U	Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Chloroform	0.0077	mg/kg	U	Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Chloromethane	0.015	mg/kg	U	Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Chlorotoluene[2-]	0.0077	mg/kg	U	Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Chlorotoluene[4-]	0.0077	mg/kg	U	Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Dibromo-3-chloropropane[1,2-]	0.015	mg/kg	U	Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Dibromoethane[1,2-]	0.0077	mg/kg	U	Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Dibromomethane	0.0077	mg/kg	U	Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Dichlorobenzene[1,2-]	0.0077	mg/kg	U	Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Dichlorobenzene[1,3-]	0.0077	mg/kg	U	Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Dichlorobenzene[1,4-]	0.0077	mg/kg	U	Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Dichlorodifluoromethane	0.015	mg/kg	U	Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Dichloroethane[1,1-]	0.0077	mg/kg	U	Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Dichloroethane[1,2-]	0.0077	mg/kg	U	Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Dichloroethene[1,1-]	0.0077	mg/kg	U	Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Dichloroethene[cis-1,2-]	0.0077	mg/kg	U	Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Dichloroethene[trans-1,2-]	0.0077	mg/kg	U	Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Dichloropropane[1,2-]	0.0077	mg/kg	U	Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Dichloropropane[1,3-]	0.0077	mg/kg	U	Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Dichloropropane[2,2-]	0.0077	mg/kg	U	Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Dichloropropene[1,1-]	0.0077	mg/kg	U	Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Dichloropropene[cis-1,3-]	0.0077	mg/kg	U	Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Dichloropropene[trans-1,3-]	0.0077	mg/kg	U	Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Ethylbenzene	0.0077	mg/kg	U	Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Hexachlorobutadiene	0.0077	mg/kg	U	Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Hexanone[2-]	0.031	mg/kg	U	Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Iodomethane	0.0077	mg/kg	U	Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Isopropylbenzene	0.0077	mg/kg	U	Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Isopropyltoluene[4-]	0.0025	mg/kg	J	Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Methyl-2-pentanone[4-]	0.031	mg/kg	U	Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Methylene Chloride	0.002	mg/kg	U	Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Naphthalene	0.0077	mg/kg	U	Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Propylbenzene[1-]	0.0077	mg/kg	U	Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Styrene	0.0077	mg/kg	U	Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Tetrachloroethane[1,1,1,2-]	0.0077	mg/kg	U	Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Tetrachloroethane[1,1,2,2-]	0.0077	mg/kg	U	Very fine to fine sand	Canyon behind SM30+10m

TABLE E-2
PRS 3-010(a) 1999-2000 SEDIMENT SAMPLE RESULTS

PRS ID	LOCATION ID	SAMPLE ID	COLLECTION DATE	BEGIN DEPTH	END DEPTH	DEPTH UNITS	SAMPLE MATRIX CODE	REQUEST NUM	SHIPPING DATE	ANALYSIS DATE	ANALYTICAL SUITE	ANALYTICAL LABORATORY	EDD ANALYTE CODE DESCRTIPTION	STD SAMPLE VALUE	STD REPORTING UNITS	QUALIFIER	SAMPLE DESCRIPTION	FIELD NOTES
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Tetrachloroethene	0.0077	mg/kg	U	Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Toluene	0.0077	mg/kg	U	Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0077	mg/kg	U	Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Trichlorobenzene[1,2,3-]	0.0077	mg/kg	U	Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Trichlorobenzene[1,2,4-]	0.0077	mg/kg	U	Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Trichloroethane[1,1,1-]	0.0077	mg/kg	U	Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Trichloroethane[1,1,2-]	0.0077	mg/kg	U	Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Trichloroethene	0.0077	mg/kg	U	Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Trichlorofluoromethane	0.0077	mg/kg	U	Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Trichloropropane[1,2,3-]	0.0077	mg/kg	U	Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Trimethylbenzene[1,2,4-]	0.0077	mg/kg	U	Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Trimethylbenzene[1,3,5-]	0.0077	mg/kg	U	Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Vinyl Chloride	0.015	mg/kg	U	Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Xylene (Total)	0.0077	mg/kg	U	Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14438	RE03-99-2226	12/17/99	0	4.72	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Xylene[1,2-]	0.0077	mg/kg	U	Very fine to fine sand	Canyon behind SM30+10m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6277R	12/20/99	1/28/00	GAMMA SPEC	Paragon/ATI	Cesium-137	0.23	pCi/g	R	Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6277R	12/20/99	1/19/00	H3	Paragon/ATI	Tritium	0.042	pCi/g	U	Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Aluminum	6900	mg/kg	J-	Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Antimony	0.33	mg/kg	UJ	Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Arsenic	3.3	mg/kg		Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Barium	100	mg/kg		Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Beryllium	0.82	mg/kg		Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Cadmium	0.019	mg/kg	U	Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Calcium	2400	mg/kg		Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Chromium, Total	7.1	mg/kg		Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Cobalt	4.8	mg/kg		Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Copper	9.2	mg/kg		Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Iron	11000	mg/kg		Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Lead	13	mg/kg		Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Magnesium	1900	mg/kg		Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Manganese	300	mg/kg		Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6275R	12/20/99	1/10/00	METTAL	Paragon/ATI	Mercury	0.26	mg/kg		Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Nickel	6.9	mg/kg		Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Potassium	1200	mg/kg		Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Selenium	0.31	mg/kg	U	Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Silver	0.026	mg/kg	U	Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Sodium	120	mg/kg		Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Thallium	0.39	mg/kg	U	Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Vanadium	16	mg/kg		Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Zinc	36	mg/kg		Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Acetone	0.027	mg/kg	J	Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Benzene	0.0081	mg/kg	U	Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Bromobenzene	0.0081	mg/kg	U	Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Bromochloromethane	0.0081	mg/kg	U	Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Bromodichloromethane	0.0081	mg/kg	U	Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Bromoform	0.0081	mg/kg	U	Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Bromomethane	0.016	mg/kg	U	Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Butanone[2-]	0.032	mg/kg	U	Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Butylbenzene[n-]	0.0081	mg/kg	U	Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Butylbenzene[sec-]	0.0081	mg/kg	U	Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Butylbenzene[tert-]	0.0081	mg/kg	U	Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Carbon Disulfide	0.0081	mg/kg	U	Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Carbon Tetrachloride	0.0081	mg/kg	U	Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Chlorobenzene	0.0081	mg/kg	U	Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Chlorodibromomethane	0.0081	mg/kg	U	Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Chloroethane	0.016	mg/kg	U	Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Chloroform	0.0081	mg/kg	U	Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Chloromethane	0.016	mg/kg	U	Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Chlorotoluene[2-]	0.0081	mg/kg	U	Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Chlorotoluene[4-]	0.0081	mg/kg	U	Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Dibromo-3-chloropropane[1,2-]	0.016	mg/kg	U	Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Dibromoethane[1,2-]	0.0081	mg/kg	U	Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Dibromomethane	0.0081	mg/kg	U	Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Dichlorobenzene[1,2-]	0.0081	mg/kg	U	Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Dichlorobenzene[1,3-]	0.0081	mg/kg	U	Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Dichlorobenzene[1,4-]	0.0081	mg/kg	U	Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Dichlorodifluoromethane	0.016	mg/kg	U	Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Dichloroethane[1,1-]	0.0081	mg/kg	U	Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Dichloroethane[1,2-]	0.0081	mg/kg	U	Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Dichloroethene[1,1-]	0.0081	mg/kg	U	Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Dichloroethene[cis-1,2-]	0.0081	mg/kg	U	Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Dichloroethene[trans-1,2-]	0.0081	mg/kg	U	Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Dichloropropane[1,2-]	0.0081	mg/kg	U	Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Dichloropropane[1,3-]	0.0081	mg/kg	U	Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Dichloropropane[2,2-]	0.0081	mg/kg	U	Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Dichloropropene[1,1-]	0.0081	mg/kg	U	Silty very fine sand	Canyon behind SM30+79m

TABLE E-2
PRS 3-010(a) 1999-2000 SEDIMENT SAMPLE RESULTS

PRS ID	LOCATION ID	SAMPLE ID	COLLECTION DATE	BEGIN DEPTH	END DEPTH	DEPTH UNITS	SAMPLE MATRIX CODE	REQUEST NUM	SHIPPING DATE	ANALYSIS DATE	ANALYTICAL SUITE	ANALYTICAL LABORATORY	EDD ANALYTE CODE DESCRTIPTION	STD SAMPLE VALUE	STD REPORTING UNITS	QUALIFIER	SAMPLE DESCRIPTION	FIELD NOTES
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Dichloropropene[cis-1,3-]	0.0081	mg/kg	U	Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Dichloropropene[trans-1,3-]	0.0081	mg/kg	U	Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Ethylbenzene	0.0081	mg/kg	U	Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Hexachlorobutadiene	0.0081	mg/kg	U	Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Hexanone[2-]	0.032	mg/kg	U	Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Iodomethane	0.0081	mg/kg	U	Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Isopropylbenzene	0.0081	mg/kg	U	Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Isopropyltoluene[4-]	0.0081	mg/kg	U	Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Methyl-2-pentanone[4-]	0.032	mg/kg	U	Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Methylene Chloride	0.0019	mg/kg	U	Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Naphthalene	0.0081	mg/kg	U	Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Propylbenzene[1-]	0.0081	mg/kg	U	Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Styrene	0.0081	mg/kg	U	Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Tetrachloroethane[1,1,1,2-]	0.0081	mg/kg	U	Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Tetrachloroethane[1,1,2,2-]	0.0081	mg/kg	U	Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Tetrachloroethene	0.0081	mg/kg	U	Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Toluene	0.0081	mg/kg	U	Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0081	mg/kg	U	Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Trichlorobenzene[1,2,3-]	0.0081	mg/kg	U	Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Trichlorobenzene[1,2,4-]	0.0081	mg/kg	U	Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Trichloroethane[1,1,1-]	0.0081	mg/kg	U	Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Trichloroethane[1,1,2-]	0.0081	mg/kg	U	Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Trichloroethene	0.0081	mg/kg	U	Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Trichlorofluoromethane	0.0081	mg/kg	U	Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Trichloropropane[1,2,3-]	0.0081	mg/kg	U	Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Trimethylbenzene[1,2,4-]	0.0081	mg/kg	U	Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Trimethylbenzene[1,3,5-]	0.0081	mg/kg	U	Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Vinyl Chloride	0.016	mg/kg	U	Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Xylene (Total)	0.0081	mg/kg	U	Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14439	RE03-99-2227	12/17/99	9.45	11.81	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Xylene[1,2-]	0.0081	mg/kg	U	Silty very fine sand	Canyon behind SM30+79m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6277R	12/20/99	1/28/00	GAMMA SPEC	Paragon/ATI	Cesium-137	0.5	pCi/g	R	Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6277R	12/20/99	1/19/00	H3	Paragon/ATI	Tritium	0.038	pCi/g	U	Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Aluminum	2900	mg/kg	J-	Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Antimony	0.31	mg/kg	UJ	Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Arsenic	2.3	mg/kg		Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Barium	61	mg/kg		Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Beryllium	0.42	mg/kg	J	Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Cadmium	0.018	mg/kg	U	Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Calcium	1200	mg/kg		Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Chromium, Total	5.5	mg/kg		Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Cobalt	4.3	mg/kg		Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Copper	4.2	mg/kg		Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Iron	8200	mg/kg		Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Lead	26	mg/kg		Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Magnesium	720	mg/kg		Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Manganese	290	mg/kg		Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6275R	12/20/99	1/10/00	METTAL	Paragon/ATI	Mercury	0.15	mg/kg		Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Nickel	4.2	mg/kg		Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Potassium	630	mg/kg		Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Selenium	0.29	mg/kg	U	Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Silver	0.025	mg/kg	U	Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Sodium	52	mg/kg	J	Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Thallium	0.37	mg/kg	U	Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Vanadium	13	mg/kg		Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Zinc	28	mg/kg		Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Acetone	0.034	mg/kg	U	Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Benzene	0.0084	mg/kg	U	Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Bromobenzene	0.0084	mg/kg	U	Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Bromochloromethane	0.0084	mg/kg	U	Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Bromodichloromethane	0.0084	mg/kg	U	Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Bromoform	0.0084	mg/kg	U	Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Bromomethane	0.017	mg/kg	U	Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Butanone[2-]	0.034	mg/kg	U	Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Butylbenzene[n-]	0.0084	mg/kg	U	Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Butylbenzene[sec-]	0.0084	mg/kg	U	Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Butylbenzene[tert-]	0.0084	mg/kg	U	Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Carbon Disulfide	0.0084	mg/kg	U	Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Carbon Tetrachloride	0.0084	mg/kg	U	Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Chlorobenzene	0.0084	mg/kg	U	Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Chlorodibromomethane	0.0084	mg/kg	U	Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Chloroethane	0.017	mg/kg	U	Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Chloroform	0.0084	mg/kg	U	Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Chloromethane	0.017	mg/kg	U	Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Chlorotoluene[2-]	0.0084	mg/kg	U	Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Chlorotoluene[4-]	0.0084	mg/kg	U	Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Dibromo-3-chloropropane[1,2-]	0.017	mg/kg	U	Fine sand	Canyon behind SM30+94m

TABLE E-2
PRS 3-010(a) 1999-2000 SEDIMENT SAMPLE RESULTS

PRS ID	LOCATION ID	SAMPLE ID	COLLECTION DATE	BEGIN DEPTH	END DEPTH	DEPTH UNITS	SAMPLE MATRIX CODE	REQUEST NUM	SHIPPING DATE	ANALYSIS DATE	ANALYTICAL SUITE	ANALYTICAL LABORATORY	EDD ANALYTE CODE DESCRTIPTION	STD SAMPLE VALUE	STD REPORTING UNITS	QUALIFIER	SAMPLE DESCRIPTION	FIELD NOTES
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Dibromoethane[1,2-]	0.0084	mg/kg	U	Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Dibromomethane	0.0084	mg/kg	U	Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Dichlorobenzene[1,2-]	0.0084	mg/kg	U	Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Dichlorobenzene[1,3-]	0.0084	mg/kg	U	Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Dichlorobenzene[1,4-]	0.0084	mg/kg	U	Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Dichlorodifluoromethane	0.017	mg/kg	U	Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Dichloroethane[1,1-]	0.0084	mg/kg	U	Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Dichloroethane[1,2-]	0.0084	mg/kg	U	Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Dichloroethene[1,1-]	0.0084	mg/kg	U	Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Dichloroethene[cis-1,2-]	0.0084	mg/kg	U	Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Dichloroethene[trans-1,2-]	0.0084	mg/kg	U	Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Dichloropropane[1,2-]	0.0084	mg/kg	U	Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Dichloropropane[1,3-]	0.0084	mg/kg	U	Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Dichloropropane[2,2-]	0.0084	mg/kg	U	Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Dichloropropene[1,1-]	0.0084	mg/kg	U	Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Dichloropropene[cis-1,3-]	0.0084	mg/kg	U	Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Dichloropropene[trans-1,3-]	0.0084	mg/kg	U	Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Ethylbenzene	0.0084	mg/kg	U	Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Hexachlorobutadiene	0.0084	mg/kg	U	Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Hexanone[2-]	0.034	mg/kg	U	Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Iodomethane	0.0084	mg/kg	U	Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Isopropylbenzene	0.0084	mg/kg	U	Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Isopropyltoluene[4-]	0.0084	mg/kg	U	Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Methyl-2-pentanone[4-]	0.034	mg/kg	U	Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Methylene Chloride	0.0021	mg/kg	U	Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Naphthalene	0.0084	mg/kg	U	Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Propylbenzene[1-]	0.0084	mg/kg	U	Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Styrene	0.0084	mg/kg	U	Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Tetrachloroethane[1,1,1,2-]	0.0084	mg/kg	U	Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Tetrachloroethane[1,1,2,2-]	0.0084	mg/kg	U	Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Tetrachloroethene	0.0084	mg/kg	U	Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Toluene	0.001	mg/kg	J	Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0084	mg/kg	U	Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Trichlorobenzene[1,2,3-]	0.0084	mg/kg	U	Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Trichlorobenzene[1,2,4-]	0.0084	mg/kg	U	Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Trichloroethane[1,1,1-]	0.0084	mg/kg	U	Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Trichloroethane[1,1,2-]	0.0084	mg/kg	U	Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Trichloroethene	0.0084	mg/kg	U	Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Trichlorofluoromethane	0.0084	mg/kg	U	Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Trichloropropane[1,2,3-]	0.0084	mg/kg	U	Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Trimethylbenzene[1,2,4-]	0.0084	mg/kg	U	Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Trimethylbenzene[1,3,5-]	0.0084	mg/kg	U	Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Vinyl Chloride	0.017	mg/kg	U	Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Xylene (Total)	0.0084	mg/kg	U	Fine sand	Canyon behind SM30+94m
03-010(a)	03-14440	RE03-99-2228	12/17/99	0	2.76	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Xylene[1,2-]	0.0084	mg/kg	U	Fine sand	Canyon behind SM30+94m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6277R	12/20/99	1/28/00	GAMMA SPEC	Paragon/ATI	Cesium-137	0.18	pCi/g	R	Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6277R	12/20/99	1/19/00	H3	Paragon/ATI	Tritium	0.063	pCi/g		Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Aluminum	2200	mg/kg	J-	Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Antimony	0.31	mg/kg	UJ	Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Arsenic	2	mg/kg		Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Barium	52	mg/kg		Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Beryllium	0.32	mg/kg	J	Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Cadmium	0.018	mg/kg	U	Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Calcium	950	mg/kg		Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Chromium, Total	12	mg/kg		Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Cobalt	3.7	mg/kg		Fine to medium sand with pumice pebbles	Canyon behind SM30+137m

TABLE E-2
PRS 3-010(a) 1999-2000 SEDIMENT SAMPLE RESULTS

PRS ID	LOCATION ID	SAMPLE ID	COLLECTION DATE	BEGIN DEPTH	END DEPTH	DEPTH UNITS	SAMPLE MATRIX CODE	REQUEST NUM	SHIPPING DATE	ANALYSIS DATE	ANALYTICAL SUITE	ANALYTICAL LABORATORY	EDD ANALYTE CODE DESCRIPTION	STD SAMPLE VALUE	STD REPORTING UNITS	QUALIFIER	SAMPLE DESCRIPTION	FIELD NOTES
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Copper	5.8	mg/kg		Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Iron	6400	mg/kg		Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Lead	67	mg/kg		Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Magnesium	620	mg/kg		Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Manganese	240	mg/kg		Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6275R	12/20/99	1/10/00	METTAL	Paragon/ATI	Mercury	0.065	mg/kg	J	Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Nickel	3.3	mg/kg		Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Potassium	450	mg/kg		Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Selenium	0.29	mg/kg	U	Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Silver	0.025	mg/kg	U	Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Sodium	44	mg/kg	J	Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Thallium	0.37	mg/kg	U	Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Vanadium	11	mg/kg		Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Zinc	33	mg/kg		Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Acetone	0.03	mg/kg	J	Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Benzene	0.0099	mg/kg	U	Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Bromobenzene	0.0099	mg/kg	U	Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Bromochloromethane	0.0099	mg/kg	U	Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Bromodichloromethane	0.0099	mg/kg	U	Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Bromoform	0.0099	mg/kg	U	Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Bromomethane	0.02	mg/kg	U	Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Butanone[2-]	0.04	mg/kg	U	Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Butylbenzene[n-]	0.0099	mg/kg	U	Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Butylbenzene[sec-]	0.0099	mg/kg	U	Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Butylbenzene[tert-]	0.0099	mg/kg	U	Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Carbon Disulfide	0.0099	mg/kg	U	Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Carbon Tetrachloride	0.0099	mg/kg	U	Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Chlorobenzene	0.0099	mg/kg	U	Fine to medium sand with pumice pebbles	Canyon behind SM30+137m

TABLE E-2
PRS 3-010(a) 1999-2000 SEDIMENT SAMPLE RESULTS

PRS ID	LOCATION ID	SAMPLE ID	COLLECTION DATE	BEGIN DEPTH	END DEPTH	DEPTH UNITS	SAMPLE MATRIX CODE	REQUEST NUM	SHIPPING DATE	ANALYSIS DATE	ANALYTICAL SUITE	ANALYTICAL LABORATORY	EDD ANALYTE CODE DESCRTIPTION	STD SAMPLE VALUE	STD REPORTING UNITS	QUALIFIER	SAMPLE DESCRIPTION	FIELD NOTES
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Chlorodibromomethane	0.0099	mg/kg	U	Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Chloroethane	0.02	mg/kg	U	Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Chloroform	0.0099	mg/kg	U	Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Chloromethane	0.02	mg/kg	U	Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Chlorotoluene[2-]	0.0099	mg/kg	U	Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Chlorotoluene[4-]	0.0099	mg/kg	U	Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Dibromo-3-chloropropane[1,2-]	0.02	mg/kg	U	Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Dibromoethane[1,2-]	0.0099	mg/kg	U	Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Dibromomethane	0.0099	mg/kg	U	Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Dichlorobenzene[1,2-]	0.0099	mg/kg	U	Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Dichlorobenzene[1,3-]	0.0099	mg/kg	U	Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Dichlorobenzene[1,4-]	0.0099	mg/kg	U	Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Dichlorodifluoromethane	0.02	mg/kg	U	Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Dichloroethane[1,1-]	0.0099	mg/kg	U	Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Dichloroethane[1,2-]	0.0099	mg/kg	U	Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Dichloroethene[1,1-]	0.0099	mg/kg	U	Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Dichloroethene[cis-1,2-]	0.0099	mg/kg	U	Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Dichloroethene[trans-1,2-]	0.0099	mg/kg	U	Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Dichloropropane[1,2-]	0.0099	mg/kg	U	Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Dichloropropane[1,3-]	0.0099	mg/kg	U	Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Dichloropropane[2,2-]	0.0099	mg/kg	U	Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Dichloropropene[1,1-]	0.0099	mg/kg	U	Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Dichloropropene[cis-1,3-]	0.0099	mg/kg	U	Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Dichloropropene[trans-1,3-]	0.0099	mg/kg	U	Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Ethylbenzene	0.0099	mg/kg	U	Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Hexachlorobutadiene	0.0099	mg/kg	U	Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Hexanone[2-]	0.04	mg/kg	U	Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Iodomethane	0.0099	mg/kg	U	Fine to medium sand with pumice pebbles	Canyon behind SM30+137m

TABLE E-2
PRS 3-010(a) 1999-2000 SEDIMENT SAMPLE RESULTS

PRS ID	LOCATION ID	SAMPLE ID	COLLECTION DATE	BEGIN DEPTH	END DEPTH	DEPTH UNITS	SAMPLE MATRIX CODE	REQUEST NUM	SHIPPING DATE	ANALYSIS DATE	ANALYTICAL SUITE	ANALYTICAL LABORATORY	EDD ANALYTE CODE DESCRTIPTION	STD SAMPLE VALUE	STD REPORTING UNITS	QUALIFIER	SAMPLE DESCRIPTION	FIELD NOTES
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Isopropylbenzene	0.0099	mg/kg	U	Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Isopropyltoluene[4-]	0.0099	mg/kg	U	Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Methyl-2-pentanone[4-]	0.04	mg/kg	U	Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Methylene Chloride	0.0026	mg/kg	U	Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Naphthalene	0.0099	mg/kg	U	Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Propylbenzene[1-]	0.0099	mg/kg	U	Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Styrene	0.0099	mg/kg	U	Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Tetrachloroethane[1,1,1,2-]	0.0099	mg/kg	U	Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Tetrachloroethane[1,1,2,2-]	0.0099	mg/kg	U	Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Tetrachloroethene	0.0099	mg/kg	U	Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Toluene	0.0099	mg/kg	U	Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0099	mg/kg	U	Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Trichlorobenzene[1,2,3-]	0.0099	mg/kg	U	Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Trichlorobenzene[1,2,4-]	0.0099	mg/kg	U	Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Trichloroethane[1,1,1-]	0.0099	mg/kg	U	Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Trichloroethane[1,1,2-]	0.0099	mg/kg	U	Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Trichloroethene	0.0099	mg/kg	U	Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Trichlorofluoromethane	0.0099	mg/kg	U	Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Trichloropropane[1,2,3-]	0.0099	mg/kg	U	Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Trimethylbenzene[1,2,4-]	0.0099	mg/kg	U	Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Trimethylbenzene[1,3,5-]	0.0099	mg/kg	U	Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Vinyl Chloride	0.02	mg/kg	U	Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Xylene (Total)	0.0099	mg/kg	U	Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2229	12/17/99	0	3.15	IN	SED	6274R	12/20/99	12/23/99	VOCECORE	Paragon/ATI	Xylene[1,2-]	0.0099	mg/kg	U	Fine to medium sand with pumice pebbles	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6277R	12/20/99	1/28/00	GAMMA SPEC	Paragon/ATI	Cesium-137	0.57	pCi/g	R	Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6277R	12/20/99	1/19/00	H3	Paragon/ATI	Tritium	0.058	pCi/g	U	Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Aluminum	3900	mg/kg	J-	Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Antimony	0.32	mg/kg	UJ	Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Arsenic	2.6	mg/kg		Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Barium	76	mg/kg		Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Beryllium	0.59	mg/kg		Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Cadmium	0.019	mg/kg	U	Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Calcium	1700	mg/kg		Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Chromium, Total	5.7	mg/kg		Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Cobalt	4.1	mg/kg		Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Copper	6.8	mg/kg		Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Iron	8700	mg/kg		Silty, fine/very fine sand	Canyon behind SM30+137m

TABLE E-2
PRS 3-010(a) 1999-2000 SEDIMENT SAMPLE RESULTS

PRS ID	LOCATION ID	SAMPLE ID	COLLECTION DATE	BEGIN DEPTH	END DEPTH	DEPTH UNITS	SAMPLE MATRIX CODE	REQUEST NUM	SHIPPING DATE	ANALYSIS DATE	ANALYTICAL SUITE	ANALYTICAL LABORATORY	EDD ANALYTE CODE DESCRTIPTION	STD SAMPLE VALUE	STD REPORTING UNITS	QUALIFIER	SAMPLE DESCRIPTION	FIELD NOTES
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Lead	32	mg/kg		Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Magnesium	890	mg/kg		Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Manganese	240	mg/kg		Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6275R	12/20/99	1/10/00	METTAL	Paragon/ATI	Mercury	0.33	mg/kg		Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Nickel	4.6	mg/kg		Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Potassium	550	mg/kg		Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Selenium	0.3	mg/kg	U	Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Silver	0.025	mg/kg	U	Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Sodium	93	mg/kg	J	Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Thallium	0.38	mg/kg	U	Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Vanadium	14	mg/kg		Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6275R	12/20/99	1/14/00	METTAL	Paragon/ATI	Zinc	35	mg/kg		Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6274R	12/20/99	12/22/99	VOCECORE	Paragon/ATI	Acetone	0.034	mg/kg	U	Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6274R	12/20/99	12/22/99	VOCECORE	Paragon/ATI	Benzene	0.00079	mg/kg	U	Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6274R	12/20/99	12/22/99	VOCECORE	Paragon/ATI	Bromobenzene	0.0086	mg/kg	U	Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6274R	12/20/99	12/22/99	VOCECORE	Paragon/ATI	Bromochloromethane	0.0086	mg/kg	U	Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6274R	12/20/99	12/22/99	VOCECORE	Paragon/ATI	Bromodichloromethane	0.0086	mg/kg	U	Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6274R	12/20/99	12/22/99	VOCECORE	Paragon/ATI	Bromoform	0.0086	mg/kg	U	Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6274R	12/20/99	12/22/99	VOCECORE	Paragon/ATI	Bromomethane	0.017	mg/kg	U	Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6274R	12/20/99	12/22/99	VOCECORE	Paragon/ATI	Butanone[2-]	0.034	mg/kg	U	Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6274R	12/20/99	12/22/99	VOCECORE	Paragon/ATI	Butylbenzene[n-]	0.0086	mg/kg	U	Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6274R	12/20/99	12/22/99	VOCECORE	Paragon/ATI	Butylbenzene[sec-]	0.0086	mg/kg	U	Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6274R	12/20/99	12/22/99	VOCECORE	Paragon/ATI	Butylbenzene[tert-]	0.0086	mg/kg	U	Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6274R	12/20/99	12/22/99	VOCECORE	Paragon/ATI	Carbon Disulfide	0.0086	mg/kg	U	Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6274R	12/20/99	12/22/99	VOCECORE	Paragon/ATI	Carbon Tetrachloride	0.0086	mg/kg	U	Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6274R	12/20/99	12/22/99	VOCECORE	Paragon/ATI	Chlorobenzene	0.0086	mg/kg	U	Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6274R	12/20/99	12/22/99	VOCECORE	Paragon/ATI	Chlorodibromomethane	0.0086	mg/kg	U	Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6274R	12/20/99	12/22/99	VOCECORE	Paragon/ATI	Chloroethane	0.017	mg/kg	U	Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6274R	12/20/99	12/22/99	VOCECORE	Paragon/ATI	Chloroform	0.0086	mg/kg	U	Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6274R	12/20/99	12/22/99	VOCECORE	Paragon/ATI	Chloromethane	0.017	mg/kg	U	Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6274R	12/20/99	12/22/99	VOCECORE	Paragon/ATI	Chlorotoluene[2-]	0.0086	mg/kg	U	Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6274R	12/20/99	12/22/99	VOCECORE	Paragon/ATI	Chlorotoluene[4-]	0.0086	mg/kg	U	Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6274R	12/20/99	12/22/99	VOCECORE	Paragon/ATI	Dibromo-3-chloropropane[1,2-]	0.017	mg/kg	U	Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6274R	12/20/99	12/22/99	VOCECORE	Paragon/ATI	Dibromoethane[1,2-]	0.0086	mg/kg	U	Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6274R	12/20/99	12/22/99	VOCECORE	Paragon/ATI	Dibromomethane	0.0086	mg/kg	U	Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6274R	12/20/99	12/22/99	VOCECORE	Paragon/ATI	Dichlorobenzene[1,2-]	0.0086	mg/kg	U	Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6274R	12/20/99	12/22/99	VOCECORE	Paragon/ATI	Dichlorobenzene[1,3-]	0.0086	mg/kg	U	Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6274R	12/20/99	12/22/99	VOCECORE	Paragon/ATI	Dichlorobenzene[1,4-]	0.0086	mg/kg	U	Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6274R	12/20/99	12/22/99	VOCECORE	Paragon/ATI	Dichlorodifluoromethane	0.017	mg/kg	U	Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6274R	12/20/99	12/22/99	VOCECORE	Paragon/ATI	Dichloroethane[1,1-]	0.0086	mg/kg	U	Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6274R	12/20/99	12/22/99	VOCECORE	Paragon/ATI	Dichloroethane[1,2-]	0.0086	mg/kg	U	Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6274R	12/20/99	12/22/99	VOCECORE	Paragon/ATI	Dichloroethene[1,1-]	0.0086	mg/kg	U	Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6274R	12/20/99	12/22/99	VOCECORE	Paragon/ATI	Dichloroethene[cis-1,2-]	0.0086	mg/kg	U	Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6274R	12/20/99	12/22/99	VOCECORE	Paragon/ATI	Dichloroethene[trans-1,2-]	0.0086	mg/kg	U	Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6274R	12/20/99	12/22/99	VOCECORE	Paragon/ATI	Dichloropropane[1,2-]	0.0086	mg/kg	U	Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6274R	12/20/99	12/22/99	VOCECORE	Paragon/ATI	Dichloropropane[1,3-]	0.0086	mg/kg	U	Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6274R	12/20/99	12/22/99	VOCECORE	Paragon/ATI	Dichloropropane[2,2-]	0.0086	mg/kg	U	Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6274R	12/20/99	12/22/99	VOCECORE	Paragon/ATI	Dichloropropene[1,1-]	0.0086	mg/kg	U	Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6274R	12/20/99	12/22/99	VOCECORE	Paragon/ATI	Dichloropropene[cis-1,3-]	0.0086	mg/kg	U	Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6274R	12/20/99	12/22/99	VOCECORE	Paragon/ATI	Dichloropropene[trans-1,3-]	0.0086	mg/kg	U	Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6274R	12/20/99	12/22/99	VOCECORE	Paragon/ATI	Ethylbenzene	0.0086	mg/kg	U	Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6274R	12/20/99	12/22/99	VOCECORE	Paragon/ATI	Hexachlorobutadiene	0.0086	mg/kg	U	Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6274R	12/20/99	12/22/99	VOCECORE	Paragon/ATI	Hexanone[2-]	0.034	mg/kg	U	Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6274R	12/20/99	12/22/99	VOCECORE	Paragon/ATI	Iodomethane	0.0086	mg/kg	U	Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6274R	12/20/99	12/22/99	VOCECORE	Paragon/ATI	Isopropylbenzene	0.0086	mg/kg	U	Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6274R	12/20/99	12/22/99	VOCECORE	Paragon/ATI	Isopropyltoluene[4-]	0.0086	mg/kg	U	Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6274R	12/20/99	12/22/99	VOCECORE	Paragon/ATI	Methyl-2-pentanone[4-]	0.034	mg/kg	U	Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6274R	12/20/99	12/22/99	VOCECORE	Paragon/ATI	Methylene Chloride	0.0018	mg/kg	U	Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6274R	12/20/99	12/22/99	VOCECORE	Paragon/ATI	Naphthalene	0.0086	mg/kg	U	Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6274R	12/20/99	12/22/99	VOCECORE	Paragon/ATI	Propylbenzene[1-]	0.0086	mg/kg	U	Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6274R	12/20/99	12/22/99	VOCECORE	Paragon/ATI	Styrene	0.0086	mg/kg	U	Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6274R	12/20/99	12/22/99	VOCECORE	Paragon/ATI	Tetrachloroethane[1,1,1,2-]	0.0086	mg/kg	U	Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6274R	12/20/99	12/22/99	VOCECORE	Paragon/ATI	Tetrachloroethane[1,1,2,2-]	0.0086	mg/kg	U	Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6274R	12/20/99	12/22/99	VOCECORE	Paragon/ATI	Tetrachloroethene	0.0086	mg/kg	U	Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6274R	12/20/99	12/22/99	VOCECORE	Paragon/ATI	Toluene	0.0062	mg/kg	J	Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6274R	12/20/99	12/22/99	VOCECORE	Paragon/ATI	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0086	mg/kg	U	Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6274R	12/20/99	12/22/99	VOCECORE	Paragon/ATI	Trichlorobenzene[1,2,3-]	0.0086	mg/kg	U	Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6274R	12/20/99	12/22/99	VOCECORE	Paragon/ATI	Trichlorobenzene[1,2,4-]	0.0086	mg/kg	U	Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6274R	12/20/99	12/22/99	VOCECORE	Paragon/ATI	Trichloroethane[1,1,1-]	0.0086	mg/kg	U	Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6274R	12/20/99	12/22/99	VOCECORE	Paragon/ATI	Trichloroethane[1,1,2-]	0.0086	mg/kg	U	Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6274R	12/20/99	12/22/99	VOCECORE	Paragon/ATI	Trichloroethene	0.0086	mg/kg	U	Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6274R	12/20/99	12/22/99	VOCECORE	Paragon/ATI	Trichlorofluoromethane	0.0086	mg/kg	U	Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6274R	12/20/99	12/22/99	VOCECORE	Paragon/ATI	Trichloropropane[1,2,3-]	0.0086	mg/kg	U	Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6274R	12/20/99	12/22/99	VOCECORE	Paragon/ATI	Trimethylbenzene[1,2,4-]	0.0086	mg/kg	U	Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6274R	12/20/99	12/22/99	VOCECORE	Paragon/ATI	Trimethylbenzene[1,3,5-]	0.0086	mg/kg	U	Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6274R	12/20/99	12/22/99	VOCECORE	Paragon/ATI	Vinyl Chloride	0.017	mg/kg	U	Silty, fine/very fine sand	Canyon behind SM30+137m

TABLE E-2
PRS 3-010(a) 1999-2000 SEDIMENT SAMPLE RESULTS

PRS ID	LOCATION ID	SAMPLE ID	COLLECTION DATE	BEGIN DEPTH	END DEPTH	DEPTH UNITS	SAMPLE MATRIX CODE	REQUEST NUM	SHIPPING DATE	ANALYSIS DATE	ANALYTICAL SUITE	ANALYTICAL LABORATORY	EDD ANALYTE CODE DESCRTIPTION	STD SAMPLE VALUE	STD REPORTING UNITS	QUALIFIER	SAMPLE DESCRIPTION	FIELD NOTES
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6274R	12/20/99	12/22/99	VOCECORE	Paragon/ATI	Xylene (Total)	0.0086	mg/kg	U	Silty, fine/very fine sand	Canyon behind SM30+137m
03-010(a)	03-14441	RE03-99-2230	12/17/99	6.3	10.24	IN	SED	6274R	12/20/99	12/22/99	VOCECORE	Paragon/ATI	Xylene[1,2-]	0.0086	mg/kg	U	Silty, fine/very fine sand	Canyon behind SM30+137m