Decision Document

Solid Waste Management Unit J-12
Landscape Landfill
Hawthorne Army Depot
Hawthorne, Nevada

January 2001

Hawthorne Army
Depot

Decision Document SWMU J-12

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ENVIRONMENTAL PROTECTION

January 2001

The selected remedy is protective of human health and the environment. It has been shown that a complete pathway to human health and the environment does not exist, and there is no potential for an exposure pathway to be completed in the future.

U.S. Army

28 MAR 2001

Anne L. Davis
Lieutenant Colonel, U.S. Army
Commanding

State of Nevada

19 April 2001

Paul Liebendorfer
Chief, Bureau of Federal Facilities

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1.0 Introduction

This decision document describes the rationale for the proposed closure of SWMU J-12, landscape landfill, at the Hawthorne Army Depot (HWAD), Hawthorne, Nevada. The U.S. Army Corps of Engineers, Sacramento District, prepared this document with the help of HWAD for the Nevada Department of Environmental Protection (NDEP).

Ecology and Environmental, Inc. (E&E), was tasked by the U.S. Army Corps of Engineers, Sacramento District (USACE), to perform remedial investigations and ground water monitoring at the Hawthorne Army Depot (HWAD), Hawthorne, Nevada. These tasks were conducted from 1993 through 1997, primarily at solid waste management units (SWMUs) designated by the Army and the Nevada Division of Environmental Protection (NDEP). The NDEP is the lead regulatory agency for environmental issues at HWAD. The purpose of the sampling was to determine the extent and degree of environmental impacts, if any, associated with activities performed at each SWMU. The primary goal of the investigation was to assess the environmental impacts and to report the findings, present conclusions, and recommend any remediation, if necessary.

With guidance from the NDEP, basewide proposed closure goals (PCGs) for soil were established as acceptable levels so that SWMU closure could be recommended and to assist in directing the investigative efforts toward those SWMUs where the target analytes were of greatest concern (Appendix A). These PCGs were used as action levels throughout this investigation and are used for comparison with the detected analytes in this report.

2.0 Site History

SWMU J-12 is southwest of the HWAD's northern magazine area, approximately 1,500 feet east of US Highway 95 and approximately 2,500 feet northwest of Thorne Road (Figure 1-1). SWMU J-12 is a landfill used for disposing of landscape debris, such as trees, branches, brush, and other vegetation. The 45-acre SWMU area was defined as the area surrounding an active disposal pit containing landscape debris and a network of dirt roads that may have lead to former disposal areas (Figure 1-2). The SWMU is flat with no distinguishing evidence of disposal areas.

The USACE, HWAD, and the NDEP agreed to define the boundaries of each SWMU using annotated monuments and survey pins. As part of Tt's 1997 field investigations, two survey monuments were constructed and surveyed at SWMU J-12. A brass survey pin on each monument designates the monument numbers HWAAP-12-1996 and HWAAP-67-1996 and the SWMU number J-12. Two corner pins were set and surveyed to define the SWMU boundary, with one monument at the west corner and the other monument at the east corner. The location of these corner markers and the SWMU boundary are shown on Figure 1-2. The survey data for SWMU J-12 are presented in Appendix B.

During Tt's 1997 first and second quarter groundwater monitoring (Tt 1997a, 1997b), the depth to groundwater was measured at approximately 105 feet below ground surface (bgs) in monitoring wells IRPMW42, IRPMW43, and IRPMW44. These wells are near the northern, eastern, and western SWMU boundaries of SWMU H-04; therefore, the groundwater beneath this SWMU is at a depth of approximately 105 feet bgs.

3.0 Site Conditions

The U.S. Army Environmental Health Agency (USAEHA) reported that SWMU J-12 was in operations from circa 1975 until the present (USAEHA 1988). The primary operation at this SWMU is the disposal of brush and tree cuttings into the pit by the HWAD roads and grounds maintenance department. Ash and burn residue also were noted during these inspections, indicating that some of the debris had been ignited.

Based on the past uses of this SWMU and the observations made during the site inspections, the target analytes were established as metals from debris disposal; pesticides/polychlorinated biphenyls (PCBs) and herbicides as constituents of the landscape debris; total petroleum hydrocarbon compounds (TPH), volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs) as constituents of the waste fuel used to ignite the debris.

4.0 Investigations

A site inspection of SWMU J-12 was conducted by the USAEHA (USAEHA 1988) previous to this remedial investigation. During this inspection, brush, tree cuttings, paper, cardboard, and other trash were observed within the pit located within the SWMU. No investigation activities were conducted during this inspection, and no soil samples were collected from the SWMU at that time.

During Tt's 1994 remedial investigation of SWMU J-12, the surface geophysical surveys included a vertical magnetic gradient (MAG) survey, an electromagnetic terrain conductivity (EMAG) survey, and a surface ground penetrating radar (SGPR) survey. The MAG and EMAG surveys were conducted simultaneously over the 45-acre SWMU on a 20-foot by 20-foot grid. The SGPR survey was conducted over a 4.5-acre area in the vicinity of the disposal pit where large continuous MAG and EMAG anomalies were found.

Tt's sampling activities for the remedial investigation at SWMU J-12 included collecting and analyzing subsurface soil samples from test pits and trenches. All of the soil samples that were collected were analyzed for all of the target analytes except for two surface soil samples that were sent to a geotechnical laboratory for grain-size analysis. Subsurface soil samples collected in 1997 were analyzed for metals, VOCs, SVOCs, pesticides/PCBs, herbicides, and pH. Figure 3-1 illustrates the soil boring locations. Five test pits (TP01 through TP05); six 20-foot long by five-foot deep trenches (TR01 through TR06), and one 20-foot long by ten-foot deep trench (TR07) were excavated at SWMU J-12. Twenty-eight subsurface soil samples, including two collocated duplicate samples, were collected from the sidewalls or bottom of the excavations at SWMU J-12 using a backhoe. These soil samples were analyzed for metals, TPH, VOCs, SVOCs, OC pesticides, and herbicides.

5.0 Investigation Results

Subsurface soil samples contained aluminum (1,930 mg/kg to 26,500 mg/kg), arsenic (0.85 mg/kg to 17.4 mg/kg), barium (15.5 mg/kg to 462 mg/kg), beryllium (<0.017 mg/kg to 0.81 mg/kg), cadmium (<0.02 mg/kg to 0.45 mg/kg), total chromium (0.8 mg/kg to 23.3 mg/kg), and lead (1.6 mg/kg to 442 mg/kg). Aluminum, arsenic, barium, total chromium, and lead were found in all 28 of these subsurface soil samples; cadmium was found only in eight of these 28 soil samples, and beryllium was found only in seven of these 28 soil samples. The 28 subsurface soil samples collected from the test pits/trenches at SWMU J-12 also contained the SVOCs, benzo(a)anthracene (<0.013 mg/kg to 0.015 mg/kg), benzo(b)fluoranthene (<0.009 mg/kg to 0.015 mg/kg), benzo(k)fluoranthene (<0.012 mg/kg to 0.024 mg/kg), benzo(g,h,i)-perylene (<0.008 mg/kg to 0.022 mg/kg), benzo(a)pyrene (<0.008 mg/kg to 0.019 mg/kg), bis(2-ethylhexyl)-phthalate (<0.053 mg/kg to 0.087 mg/kg), and chrysene (<0.011 mg/kg to 0.016 mg/kg). Benzo(a)pyrene was found in the four subsurface soil samples J12-TP02-1-S, J12-TP05-2-S, J12-TR01-2-S, and J12-TR04-1-S. Benzo(b)fluoranthene and benzo(k)fluoranthene were found in the three subsurface soil samples J12-TP02-1-S, J12-TR01-2-S, and J12-TR04-1-S. Benzo(a)anthracene, benzo(g,h,i)-perylene, and chrysene were found only in subsurface soil sample J12-TP02-1-S, and bis(2-ethylhexyl)-phthalate was found only in subsurface soil sample J12-TP05-2-S. There does not appear to be a correlation between these samples that contained SVOCs and the excavation TP03, TP05, TR04, and TR06 where debris was found. No other VOCs or SVOCs were found in any of the other subsurface soil samples collected from the test pits and trenches at SWMU J-12.

Four of the 28 subsurface soil samples collected from the test pits and trenches at SWMU J-12 contained the pesticide 4,4-DDT (0.002 mg/kg to 0.11 mg/kg) and the two pesticide degradation products 4,4-DDD (0.0008 mg/kg to 0.045 mg/kg) and 4,4-DDE (0.001 mg/kg to 0.1 mg/kg). The four subsurface soil samples that contained these analytes were soil samples J12-TP03-2-S, J12-TP05-1-S, J12-TP05-2-S, and J12-TR04-2-S, which were collected from excavations that contained debris. No other pesticides/PCBs were found in any of the other subsurface soil samples collected from the test pits and trenches at SWMU J-12.

Of the metal concentrations found greater than their maximum expected background concentrations, only one concentration of total chromium (23.3 mg/kg) and one concentration of lead (442 mg/kg), both found in subsurface soil sample J12-TP05-1-S at a depth of 1.5 feet bgs, exceeded their respective PCGs of 20 mg/kg and 100 mg/kg. The low concentrations of the seven SVOCs found in four of the 28 subsurface soil samples collected from SWMU J-12 did not exceed their respective PCGs, except for benzo(g,h,i,)perylene, which does not have a PCG established.

Test pits TP03 and TP05 and trench TR04 have been affected with the pesticide 4,4-DDT and its degradation products, 4,4-DDD and 4,4-DDE. Although no PCGs have been established for these analytes, the maximum concentration was found at 0.11 mg/kg, which is less than the USEPA Region IX PRG range from 13 mg/kg to 19 mg/kg for these analytes in soils at an industrial site scenario. All of the analytical data is presented in Appendix C.

No TPH or herbicides were found in any of the subsurface soil samples collected at SWMU J-12.

The USEPA's acceptable cancer risk threshold is $1x10^{-6}$. Using the industrial PRGs, the estimated cancer risk at SWMU J12 of $7.2x10^{-7}$ is below the acceptable target risk threshold.

An HI of 1 or less is considered protective of human health under current USEPA guidelines. Using the USEPA Region IX industrial PRGs, the estimated HI for SWMU J12 is 0.26, a value below the threshold value of 1.

6.0 Remediation

No remediation required.

7.0 Remediation Results

N/A

8.0 Public Involvement

It is the U.S. Department of Defense and Army policy to involve the local community throughout the investigation process at an installation. To initiate this involvement, HWAD has established and maintains a repository library at the local public library. This repository includes final copies of all past studies and other documents regarding environmental issues at HWAD. As future environmental documents are made available to HWAD the repository shall be updated.

HWAD has solicited community participation in establishment of a restoration advisory board (RAB). To date there has been insufficient response and HWAD has not formed a RAB. HWAD has held open houses to inform the public of ongoing environmental issues. HWAD shall continue to solicit community involvement, and will establish a RAB should sufficient community interest be obtained.

9.0 Conclusions

None of the sampling analysis indicates any large or systemic contamination in the SWMU J-12 area. SWMU J-12 should be closed with restrictions that the site be utilized only for industrial use and documented on the depot site master plan.

10.0 REFERENCES

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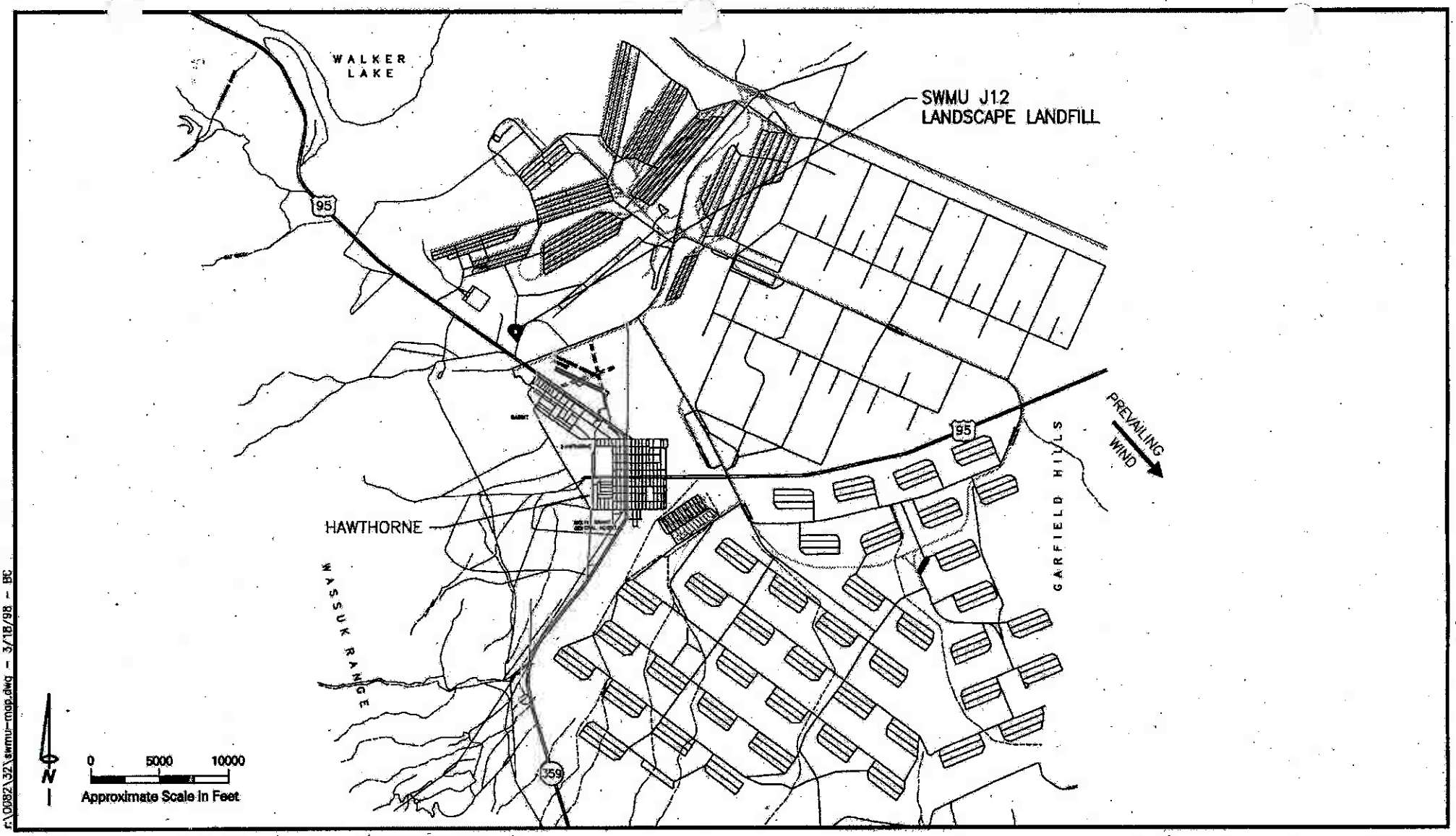

SOURCE: TETRA TECH FINAL DATA PACKAGE, 1996 (REV. 1997)

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Site Location Map
SWMU J12
Landscape Landfill
Hawthorne Army Depot
Hawthorne, Nevada
Figure 1-1

Tetra Tech, Inc.

Workspace: HWAD.WOR

Legend:

- Boundary Corner Pin
- Fence
- SWMU Monument

N

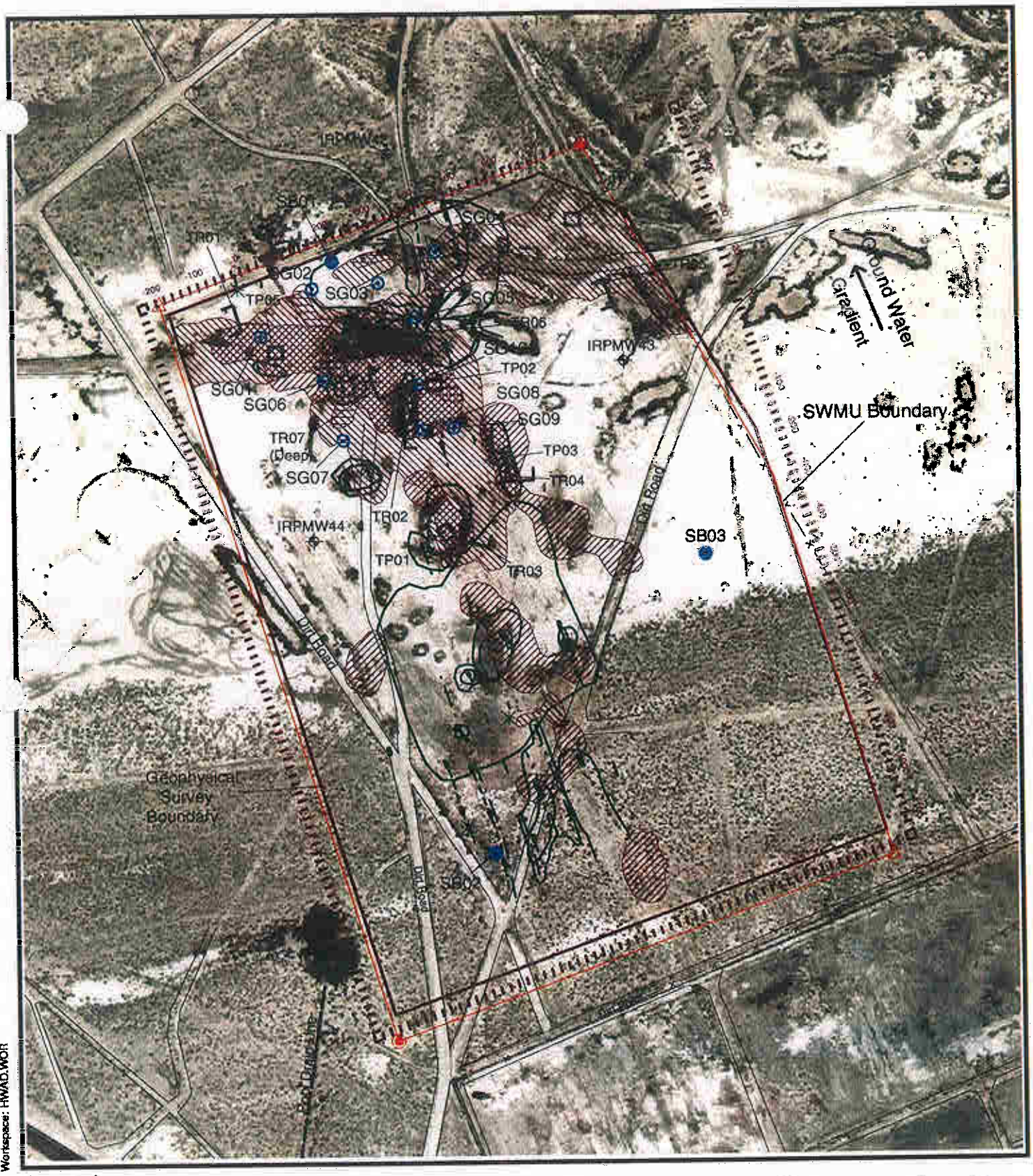
0 150 300

Approximate Scale in feet

Tetra Tech, Inc.

Site Map
SWMU J12
Landscape Landfill
Hawthorne Army Depot
Hawthorne, Nevada

Figure 1-2



Workspace: HWAD.WOR

Legend:

- SWMU Monument
- MAG Anomaly
- Boundary Corner Pin
- EMAG Anomaly
- Test Pit
- Trench Location
- Soil Boring Location
- Fence
- Monitoring Well
- SGPR Anomaly
- Soil Gas Location
- AGPR Anomalies
- Radar Targets
- Disrupted Soil
- Multiple Targets

N

0 150 300

Approximate Scale in feet

Investigation Activity Map
SWMU J12
Building 103-5 Landfill

Hawthorne Army Depot
Hawthorne, Nevada

Figure 3-1

Tetra Tech, Inc.

Appendix A

Proposed Closure Goals
Hawthorne Army Depot
Hawthorne, Nevada

Constituent of Concern	Chemical Classification	Carcinogenic (C) or Non-carcinogenic (NC)	HWAD Proposed Closure Goals for Soil (mg/kg)	HWAD Proposed Closure Goal Source
Nitrate	Anion	NC	128,000	Calculated Subpart S[a]
2-Amino-dinitrotoluene	Explosive	NC	-	NA[b]
4-Amino-dinitrotoluene	Explosive	NC	--	NA
1,3-Dinitrobenzene	Explosive	NC	8	Calculated Subpart S
2,4-Dinitrotoluene	Explosive	NC	160	Calculated Subpart S
2,6-Dinitrotoluene	Explosive	NC	80	Calculated Subpart S
HMX	Explosive	NC	4,000	Calculated Subpart S
Nitrobenzene	Explosive	NC	40	Calculated Subpart S
Nitrotoluene (2-, 3-, 4-)	Explosive	NC	800	Calculated Subpart S
RDX	Explosive	NC	64	Calculated Subpart S
Tetryl	Explosive	NC	800	Calculated Subpart S
1,3,5-Trinitrobenzene	Explosive	NC	4	Calculated Subpart S
2,4,6-Trinitrotoluene	Explosive	C	233	Calculated Subpart S
Aluminum	Metal	NC	80,000	Calculated Subpart S
Arsenic (cancer endpoint)	Metal	C & NC	30	Background[c]
Barium and compounds	Metal	NC	5,600	Calculated Subpart S
Beryllium and compounds	Metal	C	1	Background
Cadmium and compounds	Metal	NC	40	Calculated Subpart S
Chromium III and compounds	Metal	NC	80,000	Calculated Subpart S
Lead	Metal	NC	1000	PRG[d]
Mercury and compounds (inorganic)	Metal	NC	24	Calculated Subpart S
Selenium	Metal	NC	400	Calculated Subpart S
Silver and compounds	Metal	NC	400	Calculated Subpart S
Acenaphthene	PAH	NC	4,800	Calculated Subpart S
Benzo[a]anthracene	PAH	C	0.96	Calculated Subpart S
Benzo[a]pyrene	PAH	C	0.10	Detection Limit[e]
Benzo[b]fluoranthene	PAH	C	0.96	Calculated Subpart S
Benzo[k]fluoranthene	PAH	C	10	Calculated Subpart S
Chrysene	PAH	C	96	Calculated Subpart S
Dibenz[ah]anthracene	PAH	C	0.96	Calculated Subpart S
Fluoranthene	PAH	NC	3,200	Calculated Subpart S
Fluorene	PAH	NC	3,200	Calculated Subpart S
Indeno[1,2,3-cd]pyrene	PAH	C	-	NA
Naphthalene	PAH	NC	3,200	Calculated Subpart S
Pyrene	PAH	NC	2,400	Calculated Subpart S
Total Petroleum Hydrocarbons as Diesel (TPH-d)	PAH	C	100	NDEP Level Clean-up[f]
Polychlorinated biphenyls (PCBs)	PCBs	C	25	TSCA[g]
Bis(2-ethylhexyl)phthalate (DEHP)	SVOC	C	1,600	Calculated Subpart S
Bromoform (tribromomethane)	SVOC	C	89	Calculated Subpart S

Proposed Closure Goals
Hawthorne Army Depot
Hawthorne, Nevada

Constituent of Concern	Chemical Classification	Carcinogenic (C) or Non-carcinogenic (NC)	HWAD Proposed Closure Goals for Soil (mg/kg)	HWAD Proposed Closure Goal Source
Butyl benzyl phthalate	SVOC	NC	16,000	Calculated Subpart S
Dibromochloromethane	SVOC	C	83	Calculated Subpart S
Dibutyl-phthalate	SVOC	NC	8,000	Calculated Subpart S
Diethyl phthalate	SVOC	NC	64,000	Calculated Subpart S
Phenanthrene	SVOC		-	NA
Phenol	SVOC	NC	48,000	Calculated Subpart S
Acetone	VOC	NC	800	Calculated Subpart S
Anthracene	VOC	NC	24,000	Calculated Subpart S
Benzene	VOC	C	24	Calculated Subpart S
Bis(2-chloroisopropyl)ether	VOC	C	3,200	Calculated Subpart S
Bromomethane	VOC	NC	112	Calculated Subpart S
Carbon tetrachloride	VOC	C	5	Calculated Subpart S
Chlorobenzene	VOC	NC	1,600	Calculated Subpart S
Chloroform	VOC	C	115	Calculated Subpart S
Chloromethane	VOC	C	538	Calculated Subpart S
Dibromomethane	VOC	C	0.008	Calculated Subpart S
1,2-Dichlorobenzene	VOC	NC	7,200	Calculated Subpart S
1,4-Dichlorobenzene	VOC	C	18,300	Calculated Subpart S
Dichlorodifluoromethane	VOC	C	16,000	Calculated Subpart S
Ethylbenzene	VOC	NC	8,000	Calculated Subpart S
Methylene bromide	VOC	NC	800	Calculated Subpart S
Methylene chloride	VOC	C	4,800	Calculated Subpart S
2-Methylnaphthalene	VOC		-	NA
1,1,2,2-Tetrachloroethane	VOC	C	35	Calculated Subpart S
Tetrachloroethylene (PCE)	VOC	C & NC	800	Calculated Subpart S
Toluene	VOC	NC	16,000	Calculated Subpart S
1,1,1-Trichloroethane	VOC	NC	7,200	Calculated Subpart S
Trichloroethylene (TCE)	VOC	C & NC	480	Calculated Subpart S
Trichlorofluoromethane	VOC	NC	24,000	Calculated Subpart S
1,2,3-Trichloropropane	VOC	C	480	Calculated Subpart S
Vinyl chloride	VOC	C	0.37	Calculated Subpart S
Xylene Total (m-, o-, p-)	VOC	NC	160,000	Calculated Subpart S
2,3,7,8-TCDD	Dioxin	C	0.000005	Calculated Subpart S

[a] RCRA 55 FR 30870

[b] Not available

[c] Highest background concentration detected in 50 background soil samples

[d] Smucker, Stanford J. USEPA Region IX, Preliminary Remedial Goals, Second Half, Sep. 1995

[e] Method detection limit for Volatile Organic Compounds by EPA Method 8260 or

[f] Semi-Volatile Organic Compounds analyzed by EPA Method 8270

[g] Nevada Division of Environmental Protection

[h] Cleanup level for PCB spills in accordance with Toxic Substance and Control Act Spill Policy Guidelines 40 CFR 761

Appendix B

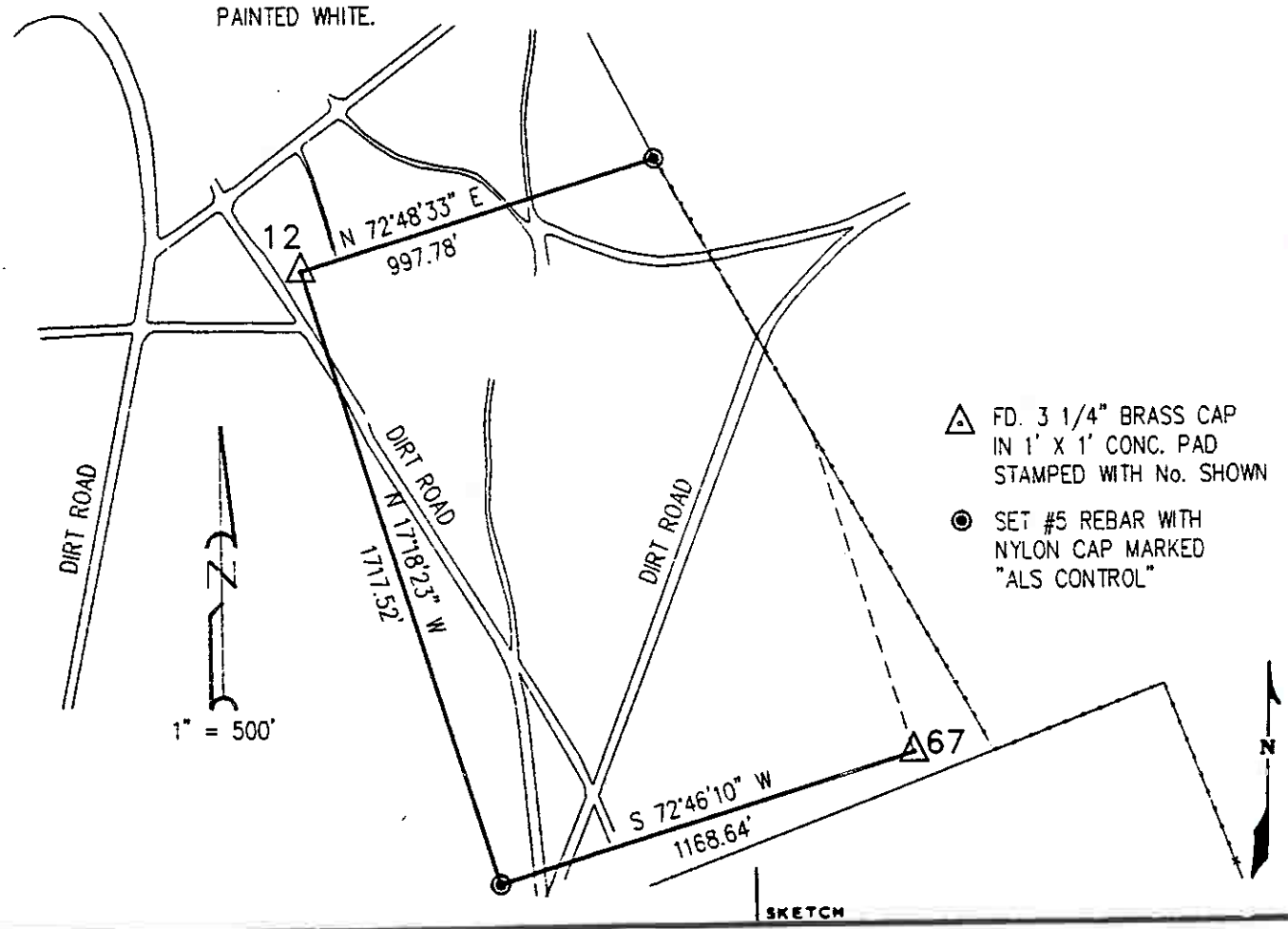
COUNTRY	TYPE OF MARK	STATION	
USA	BRASS CAP	12	
LOCALITY	**STAMPING ON MARK**	**AGENCY (CAST IN MARKS)**	**ELEVATION** (FT) (M)
HAWTHORNE NEV.	12 J-12	COE HWAAP	4123.89
LATITUDE	**LONGITUDE**	**DATUM**	**DATUM**
38°33'20.35363" N	118°39'15.68148" W	NAD '27	NGVD '29
(NORTHING)(EASTING) (FT) (M)	**(EASTING)(NORTHING)** (FT) (M)	**GRID AND ZONE**	**ESTABLISHED BY (AGENCY)**
1385391.64	479690.76	NEVADA SP WEST	A.L.S.
(NORTHING)(EASTING) (FT) (M)	**(EASTING)(NORTHING)** (FT) (M)	**GRID AND ZONE**	**DATE** 1997 / **ORDER** 2ND

TO OBTAIN GRID AZIMUTH, ADD ° ′ ″ TO THE GEODETIC AZIMUTH

TO OBTAIN GRID AZ. (ADD)(SUB.) ° ′ ″ TO THE GEODETIC AZIMUTH

OBJECT	AZIMUTH OR DIRECTION (GEODETIC)(GRID) (MAGNETIC)	BACK AZIMUTH	GEOD. DISTANCE (METERS) (FEET)	GRID DISTANCE (METERS) (FEET)
	° ′ ″	° ′ ″		

MONUMENTS 12 AND 67 – SWMU J-12
FROM THORNE ROAD, TAKE HIGHWAY 95 NORTHWEST 1/2 MILE TO A DIRT ROAD. THEN NORTH ON THE DIRT ROAD 1500 FEET, THEN EAST ON ANOTHER DIRT ROAD 500 FEET TO THE NORTHWEST CORNER OF THE J-12 SITE. SEE MAP BELOW. MONUMENTS ARE 3 1/4" BRASS CAPS SET IN 1' X 1' CONCRETE PADS AND ARE MARKED WITH 4" X 4" X 6' WOOD POSTS, PAINTED WHITE.



SKETCH

DA FORM 1 OCT 64 1959 REPLACES DA FORMS 1959 AND 1960, 1 FEB 57, WHICH ARE OBSOLETE.

DESCRIPTION OR RECOVERY OF HORIZONTAL CONTROL STATION
For use of this form, see TM 5-237; the proponent agency is TRADOC.

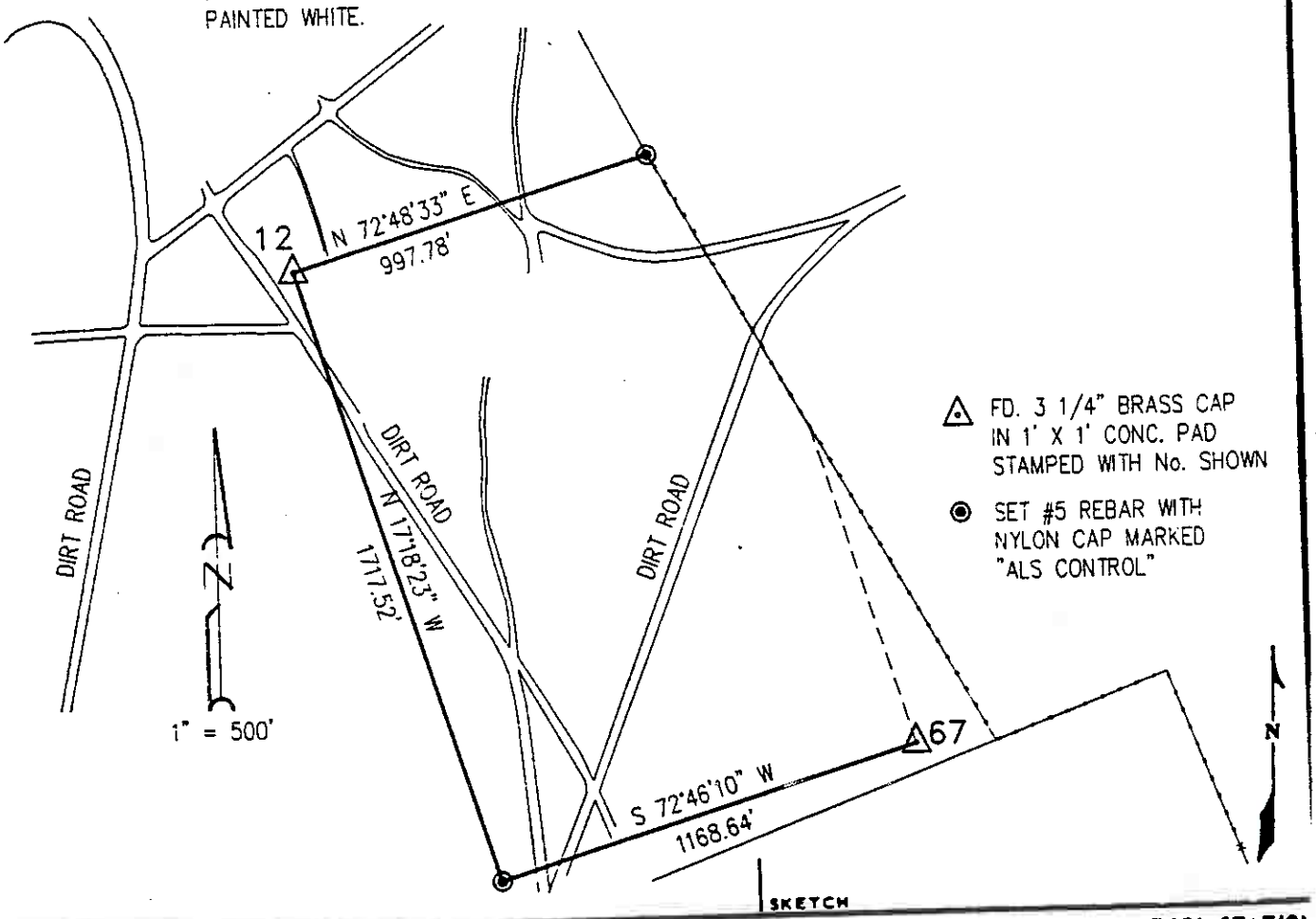
COUNTRY	TYPE OF MARK	STATION	
USA	BRASS CAP	67	
LOCALITY	STAMPING ON MARK	AGENCY (CAST IN MARKS)	ELEVATION (FT) (M)
HAWTHORNE NEV.	67 J-12	COE HWAAP	4134.80
LATITUDE	LONGITUDE	DATUM	DATUM
38°33'07.57704" N	118°38'55.18530" W	NAD '27	NGVD '29
(NORTHING)(EASTING) (FT) (M)	(EASTING)(NORTHING) (FT) (M)	GRID AND ZONE	ESTABLISHED BY (AGENCY)
1384098.04	481317.89	NEVADA SP WEST	A.L.S.
(NORTHING)(EASTING) (FT) (M)	(EASTING)(NORTHING) (FT) (M)	GRID AND ZONE	DATE / ORDER
			1997 / 2ND

TO OBTAIN GRID AZIMUTH, ADD ° ' " TO THE GEODETIC AZIMUTH

TO OBTAIN GRID AZ. (ADD)(SUB.) ° ' " TO THE GEODETIC AZIMUTH

OBJECT	AZIMUTH OR DIRECTION (GEODETIC)(GRID) (MAGNETIC)	BACK AZIMUTH	GEOD. DISTANCE (METERS) (FEET)	GRID DISTANCE (METERS) (FEET)
	° ' "	° ' "		

MONUMENTS 12 AND 67 – SWMU J-12
FROM THORNE ROAD, TAKE HIGHWAY 95 NORTHWEST 1/2 MILE TO A DIRT ROAD. THEN NORTH ON THE DIRT ROAD 1500 FEET, THEN EAST ON ANOTHER DIRT ROAD 500 FEET TO THE NORTHWEST CORNER OF THE J-12 SITE. SEE MAP BELOW. MONUMENTS ARE 3 1/4" BRASS CAPS SET IN 1' X 1' CONCRETE PADS AND ARE MARKED WITH 4" X 4" X 6' WOOD POSTS, PAINTED WHITE.



SKETCH

DA FORM 1 OCT 64 1959 REPLACES DA FORMS 1958 AND 1960, 1 FEB 57, WHICH ARE OBSOLETE.

DESCRIPTION OR RECOVERY OF HORIZONTAL CONTROL STATION
For use of this form, see TM 5-237; the proponent agency is TRADOC.

SWMU J12 Survey Data
Hawthorne Army Depot
Hawthorne, Nevada

SWMU	Point ID	Northing (feet)	Easting (feet)	Elevation
J12	HWAAP-12-1996	1385391.63	479690.75	4123.89
J12	HWAAP-67-1996	1384098.04	481317.89	4134.80
J12	Pin 1	1385686.53	480643.96	NE
J12	Pin 2	1383751.87	480201.69	NE
J12	IRPMW42	1385691.70	480209.00	4130.96
J12	IRPMW43	1385213.90	480731.30	4126.68
J12	IRPMW44	1384857.40	480029.70	4126.77
J12	SB01	1385463.83	480080.19	NE
J12	SB02	1384150.97	480423.95	NE
J12	SB03	1384781.20	480909.14	NE
J12	SG01	1385309.39	479918.59	NE
J12	SG02	1385408.03	480034.94	NE
J12	SG03	1385412.73	480183.92	NE
J12	SG04	1385473.24	480312.08	NE
J12	SG05	1385333.84	480266.43	NE
J12	SG06	1385207.06	480057.96	NE
J12	SG07	1385073.77	480100.57	NE
J12	SG08	1385087.68	480279.94	NE
J12	SG09	1385088.19	480348.06	NE
J12	SG10	1385188.46	480269.46	NE
J12	TP01	1384860.78	480327.47	NE
J12	TP02	1385184.67	480305.80	NE
J12	TP03	1385015.04	480445.45	NE
J12	TP04	1385525.63	480621.25	NE
J12	TP05	1384071.61	480302.42	NE
J12	TR01	1385315.42	479833.37	NE
J12		1385381.73	479875.74	NE
J12	TR02	1385048.54	480237.57	NE
J12		1385011.85	480268.03	NE
J12	TR03	1384821.90	480362.19	NE
J12		1384863.56	480428.40	NE
J12	TR04	1384963.63	480462.53	NE
J12		1384989.40	480524.03	NE
J12	TR05	1385325.76	480664.26	NE
J12		1385392.37	480709.58	NE
J12	TR06	1385267.58	480212.90	NE
J12		1385330.46	480242.14	NE
J12	TR07	1385159.49	480159.52	NE
J12		1385226.17	480206.54	NE

Notes:
NE = Not established.
Coordinate data based on electronic map file using the NAD 1927 datum.
Elevation data based on surveyors map using NGVD 1929 datum.

Appendix C

TPH Test Kit
Method 4030 (Tt Field)

Sample ID	Location ID	Sample Date	Depth (feet)	Lab	TPH-d mg/kg	TPH-d (Rerun) mg/kg	TPH-d-Dup mg/kg
J12-TP01-1-S	TP01	3/1/97	5	Tt Field	100<X<500	NA	NA
J12-TP01-2-S	TP01	3/1/97	5	Tt Field	100<X<500	NA	NA
J12-TP02-1-S	TP02	3/1/97	5	Tt Field	100<X<500	0<X<20	NA
J12-TP02-2-S	TP02	3/1/97	5	Tt Field	100<X<500	NA	NA
J12-TP02-3-S	TP02	3/1/97	5	Tt Field	100<X<500	NA	NA
J12-TP03-1-S	TP03	3/1/97	2	Tt Field	100<X<500	NA	NA
J12-TP03-2-S	TP03	3/1/97	5	Tt Field	100<X<500	NA	NA
J12-TP04-1-S	TP04	3/2/97	5	Tt Field	X<0	NA	NA
J12-TP04-2-S	TP04	3/2/97	0	Tt Field	0<X<20	NA	NA
J12-TP05-1-S	TP05	3/1/97	1.5	Tt Field	100<X<500	NA	NA
J12-TP05-2-S	TP05	3/1/97	5	Tt Field	100<X<500	NA	NA
J12-TR01-1-S	TR01	3/1/97	5	Tt Field	NA	NA	NA
J12-TR01-2-S	TR01	3/1/97	5	Tt Field	100<X<500	NA	NA
J12-TR02-1-S	TR02	3/1/97	5	Tt Field	100<X<500	NA	NA
J12-TR02-2-S	TR02	3/1/97	5	Tt Field	100<X<500	NA	NA
J12-TR02-3-S	TR02	3/1/97	5	Tt Field	100<X<500	NA	NA
J12-TR03-1-S	TR03	3/1/97	5	Tt Field	X<0	NA	NA
J12-TR03-2-S	TR03	3/1/97	5	Tt Field	X<0	NA	NA
J12-TR04-1-S	TR04	3/1/97	5	Tt Field	0<X<20	NA	NA
J12-TR04-2-S	TR04	3/1/97	5	Tt Field	X<0	NA	NA
J12-TR05-1-S	TR05	3/2/97	5	Tt Field	X<0	NA	NA
J12-TR05-2-S	TR05	3/2/97	5	Tt Field	0<X<20	NA	NA
J12-TR06-1-S	TR06	3/2/97	5	Tt Field	0<X<20	NA	NA
J12-TR06-2-S	TR06	3/2/97	5	Tt Field	0<X<20	NA	NA
J12-TR07-3-S	TR07	3/1/97	8	Tt Field	0<X<20	NA	NA
J12-TR07-4-S	TR07	3/1/97	10	Tt Field	X<0	NA	NA
J12-TR07-5-S	TR07	3/1/97	8	Tt Field	NA	NA	NA
J12-TR07-6-S	TR07	3/1/97	10	Tt Field	0<X<20	NA	NA
Analyses					26	1	0
Detections					0	0	0
Minimum Concentration					0	0	0
Maximum Concentration					0	0	0
HWAD - PCG					NE	NE	NE
HWAD - PCG Hits					NE	NE	NE

Notes:
NA = Not analyzed.
NE = Not established.

Metals
Method 6010A (APCL)

Sample ID	Location ID	Sample Date	Depth (feet)	Lab	Aluminum, Total	Arsenic, Total	Barium, Total	Beryllium, Total	Cadmium, Total	Chromium, Total	Lead, Total	Nickel, Total	Selenium, Total	Silver, Total
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
J12-TP01-1-S	TP01	3/1/97	5	APCL	9790	2.4	68.9	<0.018	<0.021	4.7	6	NA	<0.19	<0.073
J12-TP01-2-S	TP01	3/1/97	5	APCL	9680	2.8	63.6	<0.018	<0.021	4.7	6.2	NA	<0.19	<0.072
J12-TP02-1-S	TP02	3/1/97	5	APCL	25000	16.1	343	0.76	0.33	12.9	28.6	NA	<0.2	<0.078
J12-TP02-2-S	TP02	3/1/97	5	APCL	23800	16	332	0.81	0.34	12	28.6	NA	<0.21	<0.08
J12-TP02-3-S	TP02	3/1/97	5	APCL	26500	16.9	375	0.81	0.38	13.3	29.9	NA	<0.21	<0.079
J12-TP03-1-S	TP03	3/1/97	2	APCL	5390	2.1	55.6	<0.017	<0.02	2.8	3.1	NA	<0.18	<0.07
J12-TP03-2-S	TP03	3/1/97	5	APCL	19900	9.9	271	0.45	0.3	11.7	27	NA	<0.19	<0.073
J12-TP04-1-S	TP04	3/2/97	5	APCL	24300	17.4	409	0.77	0.35	12.7	31	NA	<0.21	<0.081
J12-TP04-2-S	TP04	3/2/97	0	APCL	25200	16.9	462	0.72	0.36	13.7	34.4	NA	<0.21	<0.081
J12-TP05-1-S	TP05	3/1/97	1.5	APCL	15400	5.7	270	<0.02	0.45	23.3	442	NA	<0.21	<0.079
J12-TP05-2-S	TP05	3/1/97	5	APCL	7640	2	57.5	<0.018	<0.021	4.4	13.9	NA	<0.19	<0.073
J12-TR01-1-S	TR01	3/1/97	5	APCL	2040	1.5	22.3	<0.02	<0.023	0.83	1.7	NA	<0.21	<0.08
J12-TR01-2-S	TR01	3/1/97	5	APCL	4890	2.3	76.7	<0.017	<0.021	2.7	4.6	NA	<0.18	<0.071
J12-TR02-1-S	TR02	3/1/97	5	APCL	3660	2.1	28.1	<0.019	<0.022	2.1	2.7	NA	<0.2	<0.075
J12-TR02-2-S	TR02	3/1/97	5	APCL	3320	1.6	23	<0.017	<0.02	1.7	2.1	NA	<0.18	<0.07
J12-TR02-3-S	TR02	3/1/97	5	APCL	3610	0.97	23.3	<0.02	<0.023	1.7	2.3	NA	<0.21	<0.08
J12-TR03-1-S	TR03	3/1/97	5	APCL	12300	2.9	94.7	<0.018	<0.021	5	6.4	NA	<0.19	<0.073
J12-TR03-2-S	TR03	3/1/97	5	APCL	5950	1.2	51.8	<0.018	<0.021	2.7	3.6	NA	<0.19	<0.072
J12-TR04-1-S	TR04	3/1/97	5	APCL	9990	2	94.9	<0.018	<0.021	6.1	6.7	NA	<0.19	<0.072
J12-TR04-2-S	TR04	3/1/97	5	APCL	6860	1.2	53.6	<0.017	<0.021	3.5	4.3	NA	<0.18	<0.071
J12-TR05-1-S	TR05	3/2/97	5	APCL	3450	3.2	58.3	<0.02	<0.024	1.9	3.6	NA	<0.21	<0.081
J12-TR05-2-S	TR05	3/2/97	5	APCL	2820	2	54.9	<0.017	<0.02	1.7	2.6	NA	<0.18	<0.07
J12-TR06-1-S	TR06	3/2/97	5	APCL	6090	3.5	57.9	<0.018	<0.022	3	5.2	NA	<0.2	<0.075
J12-TR06-2-S	TR06	3/2/97	5	APCL	26500	12.6	298	0.73	0.38	16.2	26.6	NA	<0.21	<0.082
J12-TR07-3-S	TR07	3/1/97	8	APCL	2620	0.95	18.5	<0.021	<0.025	1.1	2.1	NA	<0.22	<0.085
J12-TR07-4-S	TR07	3/1/97	10	APCL	2780	1.2	26.8	<0.019	<0.022	1.5	2.2	NA	<0.2	<0.076
J12-TR07-5-S	TR07	3/1/97	8	APCL	1930	0.85	15.5	<0.02	<0.023	0.8	1.6	NA	<0.21	<0.08
J12-TR07-6-S	TR07	3/1/97	10	APCL	4300	1.9	60.6	<0.018	<0.021	1.9	4.3	NA	<0.19	<0.073
Analyses					28	28	28	28	28	28	28	0	28	28
Detections					28	28	28	7	8	28	28	0	0	0
Minimum Concentration					1930	0.85	15.5	0.45	0.3	0.8	1.6	0	0	0
Maximum Concentration					26500	17.4	462	0.81	0.45	23.3	442	0	0	0

...tals
Method 6010A (APCL)

Sample ID	Location ID	Sample Date	Depth (feet)	Lab	Aluminum, Total	Arsenic, Total	Barium, Total	Beryllium, Total	Cadmium, Total	Chromium, Total	Lead, Total	Nickel, Total	Selenium, Total	Silver, Total
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
HWAD - PCG					80000	100	2000	1	20	20	100	NE	20	100
HWAD - PCG Hits					0	0	0	0	0	1	1	NE	0	0
Maximum Background Concentration					12365	18.1	447	0.58	1.08	13.76	16.7	0	0	0
Background Hits					8	0	1	6	0	2	8	0	0	0

Notes:
NA = Not analyzed.
NE = Not established.

Mercury
Method 7471A (APCL)

Sample ID	Location ID	Sample Date	Depth (feet)	Lab	Mercury, Total mg/kg
J12-TP01-1-S	TP01	3/1/97	5	APCL	<0.072
J12-TP01-2-S	TP01	3/1/97	5	APCL	<0.071
J12-TP02-1-S	TP02	3/1/97	5	APCL	<0.077
J12-TP02-2-S	TP02	3/1/97	5	APCL	<0.079
J12-TP02-3-S	TP02	3/1/97	5	APCL	<0.078
J12-TP03-1-S	TP03	3/1/97	2	APCL	<0.069
J12-TP03-2-S	TP03	3/1/97	5	APCL	<0.072
J12-TP04-1-S	TP04	3/2/97	5	APCL	<0.08
J12-TP04-2-S	TP04	3/2/97	0	APCL	<0.08
J12-TP05-1-S	TP05	3/1/97	1.5	APCL	<0.078
J12-TP05-2-S	TP05	3/1/97	5	APCL	<0.072
J12-TR01-1-S	TR01	3/1/97	5	APCL	<0.079
J12-TR01-2-S	TR01	3/1/97	5	APCL	<0.07
J12-TR02-1-S	TR02	3/1/97	5	APCL	<0.074
J12-TR02-2-S	TR02	3/1/97	5	APCL	<0.069
J12-TR02-3-S	TR02	3/1/97	5	APCL	<0.079
J12-TR03-1-S	TR03	3/1/97	5	APCL	<0.072
J12-TR03-2-S	TR03	3/1/97	5	APCL	<0.07
J12-TR04-1-S	TR04	3/1/97	5	APCL	<0.071
J12-TR04-2-S	TR04	3/1/97	5	APCL	<0.07
J12-TR05-1-S	TR05	3/2/97	5	APCL	<0.08
J12-TR05-2-S	TR05	3/2/97	5	APCL	<0.069
J12-TR06-1-S	TR06	3/2/97	5	APCL	<0.074
J12-TR06-2-S	TR06	3/2/97	5	APCL	<0.08
J12-TR07-3-S	TR07	3/1/97	8	APCL	<0.084
J12-TR07-4-S	TR07	3/1/97	10	APCL	<0.075
J12-TR07-5-S	TR07	3/1/97	8	APCL	<0.078
J12-TR07-6-S	TR07	3/1/97	10	APCL	<0.072

Analyses	28
Detections	0
Minimum Concentration	0
Maximum Concentration	0
HWAD - PCG	24
HWAD - PCG Hits	0
Maximum Background Concentration	0.108
Background Hits	0

Notes:
NA = Not analyzed.
NE = Not established.

TPH
Method 8015ME (APCL)

Sample ID	Location ID	Sample Date	Depth (feet)	Lab	C11-C22 (Diesel)	C23-C30 (Motor oil)	C31-C40 (Heavy oil)	C8-C10 (Gasoline)	Diesel Fuel
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
J12-TP05-1-S	TP05	3/1/97	1.5	APCL	<0.93	<0.42	<0.32	<0.17	NA
J12-TR06-1-S	TR06	3/2/97	5	APCL	<0.88	<0.4	<0.3	<0.16	NA
J12-TR07-3-S	TR07	3/1/97	8	APCL	<1	<0.46	<0.35	<0.19	NA
Analyses					3	3	3	3	0
Detections					0	0	0	0	0
Minimum Concentration					0	0	0	0	0
Maximum Concentration					0	0	0	0	0
HWAD - PCG					100	100	100	100	100
HWAD - PCG Hits					0	0	0	0	0

Notes:
NA = Not analyzed.
NE = Not established.

OC Pesticides and PCBs
Method 8081 (APCL)

Sample ID	Location ID	Sample Date	Depth (feet)	Lab	4,4-DDD	4,4-DDE	4,4-DDT	Aldrin	alpha-BHC	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
J12-TP01-1-S	TP01	3/1/97	5	APCL	<0.0002	<0.0003	<0.0003	<0.0003	<0.0001	<0.08	<0.019	<0.0087	<0.012	<0.013	<0.014	<0.0092
J12-TP01-2-S	TP01	3/1/97	5	APCL	<0.0002	<0.0003	<0.0003	<0.0003	<0.0001	<0.08	<0.019	<0.0087	<0.011	<0.013	<0.014	<0.0091
J12-TP02-1-S	TP02	3/1/97	5	APCL	<0.0002	<0.0003	<0.0003	<0.0003	<0.0001	<0.0085	<0.02	<0.0094	<0.012	<0.014	<0.015	<0.0099
J12-TP02-2-S	TP02	3/1/97	5	APCL	<0.0002	<0.0003	<0.0003	<0.0003	<0.0001	<0.0087	<0.021	<0.0096	<0.013	<0.014	<0.015	<0.01
J12-TP02-3-S	TP02	3/1/97	5	APCL	<0.0002	<0.0003	<0.0003	<0.0003	<0.0001	<0.009	<0.021	<0.01	<0.013	<0.014	<0.015	<0.0099
J12-TP03-1-S	TP03	3/1/97	2	APCL	<0.0002	<0.0003	<0.0003	<0.0003	<0.0001	<0.0076	<0.018	<0.0085	<0.011	<0.012	<0.013	<0.0089
J12-TP03-2-S	TP03	3/1/97	5	APCL	0.045	0.051	0.11	<0.002	<0.0005	<0.04	<0.096	<0.044	<0.059	<0.064	<0.07	<0.046
J12-TP04-1-S	TP04	3/2/97	5	APCL	<0.0002	<0.0004	<0.0004	<0.0004	<0.0001	<0.009	<0.021	<0.0097	<0.013	<0.014	<0.015	<0.01
J12-TP04-2-S	TP04	3/2/97	0	APCL	<0.0002	<0.0004	<0.0004	<0.0004	<0.0001	<0.009	<0.021	<0.0097	<0.013	<0.014	<0.015	<0.01
J12-TP05-1-S	TP05	3/1/97	1.5	APCL	0.005 J	0.1	0.014 J	<0.002	<0.0006	<0.043	<0.1	<0.048	<0.063	<0.07	<0.075	<0.05
J12-TP05-2-S	TP05	3/1/97	5	APCL	0.021	0.088	0.061	<0.002	<0.0005	<0.04	<0.096	<0.044	<0.058	<0.064	<0.07	<0.046
J12-TR01-1-S	TR01	3/1/97	5	APCL	<0.0002	<0.0003	<0.0003	<0.0003	<0.0001	<0.0087	<0.021	<0.0096	<0.013	<0.014	<0.015	<0.01
J12-TR01-2-S	TR01	3/1/97	5	APCL	<0.0002	<0.0003	<0.0003	<0.0003	<0.0001	<0.0077	<0.018	<0.0085	<0.011	<0.012	<0.013	<0.0089
J12-TR02-1-S	TR02	3/1/97	5	APCL	<0.0002	<0.0003	<0.0003	<0.0003	<0.0001	<0.0082	<0.02	<0.0091	<0.012	<0.013	<0.014	<0.01
J12-TR02-2-S	TR02	3/1/97	5	APCL	<0.0002	<0.0003	<0.0003	<0.0003	<0.0001	<0.0076	<0.018	<0.0084	<0.011	<0.012	<0.013	<0.01
J12-TR02-3-S	TR02	3/1/97	5	APCL	<0.0002	<0.0003	<0.0003	<0.0003	<0.0001	<0.0087	<0.021	<0.0096	<0.013	<0.014	<0.015	<0.01
J12-TR03-1-S	TR03	3/1/97	5	APCL	<0.0002	<0.0003	<0.0003	<0.0003	<0.0001	<0.008	<0.019	<0.009	<0.012	<0.013	<0.014	<0.01
J12-TR03-2-S	TR03	3/1/97	5	APCL	<0.0002	<0.0003	<0.0003	<0.0003	<0.0001	<0.008	<0.019	<0.009	<0.011	<0.012	<0.013	<0.01
J12-TR04-1-S	TR04	3/1/97	5	APCL	<0.0002	<0.0003	<0.0003	<0.0003	<0.0001	<0.008	<0.019	<0.0087	<0.012	<0.013	<0.014	<0.0091
J12-TR04-2-S	TR04	3/1/97	5	APCL	0.0008 J	0.001 J	0.002 J	<0.0003	<0.0001	<0.0077	<0.018	<0.0085	<0.011	<0.012	<0.013	<0.0089
J12-TR05-1-S	TR05	3/2/97	5	APCL	<0.0002	<0.0004	<0.0004	<0.0004	<0.0001	<0.009	<0.021	<0.01	<0.013	<0.014	<0.015	<0.01
J12-TR05-2-S	TR05	3/2/97	5	APCL	<0.0002	<0.0003	<0.0003	<0.0003	<0.0001	<0.0076	<0.018	<0.0084	<0.011	<0.012	<0.013	<0.01
J12-TR06-1-S	TR06	3/2/97	5	APCL	<0.0002	<0.0003	<0.0003	<0.0003	<0.0001	<0.009	<0.02	<0.009	<0.012	<0.013	<0.014	<0.0094
J12-TR06-2-S	TR06	3/2/97	5	APCL	<0.0002	<0.0004	<0.0004	<0.0004	<0.0001	<0.0089	<0.021	<0.01	<0.013	<0.014	<0.015	<0.01
J12-TR07-3-S	TR07	3/1/97	8	APCL	<0.0002	<0.0004	<0.0004	<0.0004	<0.0001	<0.009	<0.022	<0.01	<0.014	<0.015	<0.016	<0.011
J12-TR07-4-S	TR07	3/1/97	10	APCL	<0.0002	<0.0003	<0.0003	<0.0003	<0.0001	<0.009	<0.02	<0.0092	<0.012	<0.013	<0.014	<0.0096
J12-TR07-5-S	TR07	3/1/97	8	APCL	<0.0002	<0.0003	<0.0003	<0.0003	<0.0001	<0.0087	<0.021	<0.0096	<0.013	<0.014	<0.015	<0.01
J12-TR07-6-S	TR07	3/1/97	10	APCL	<0.0002	<0.0003	<0.0003	<0.0003	<0.0001	<0.008	<0.019	<0.009	<0.012	<0.013	<0.014	<0.0092
Analyses					28	28	28	28	28	28	28	28	28	28	28	28
Detections					4	4	4	0	0	0	0	0	0	0	0	0
Minimum Concentration					0.0008	0.001	0.002	0	0	0	0	0	0	0	0	0

Sample ID	Location ID	Sample Date	Depth (feet)	Lab	4,4-DDD	4,4-DDE	4,4-DDT	Aldrin	alpha-BHC	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Maximum Concentration					0.045	0.1	0.11	0	0	0	0	0	0	0	0	0
HWAD - PCG					NE	NE	NE	NE	NE	25	25	25	25	25	25	25
HWAD - PCG Hits					NE	NE	NE	NE	NE	0	0	0	0	0	0	0

Notes:
NA = Not analyzed.
NE = Not established.

OC Pesticides and PCBs
Method 8081 (APCL)

Sample ID	Location ID	Sample Date	Depth (feet)	Lab	beta-BHC	Chlordane	delta-BHC	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	gamma-BHC (Lindane)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
J12-TP01-1-S	TP01	3/1/97	5	APCL	<0.0002	<0.011	<0.0002	<0.0002	<0.0003	<0.0002	<0.0015	<0.0002	<0.0003	<0.0002	<0.0002
J12-TP01-2-S	TP01	3/1/97	5	APCL	<0.0002	<0.01	<0.0002	<0.0002	<0.0003	<0.0002	<0.0015	<0.0002	<0.0003	<0.0002	<0.0002
J12-TP02-1-S	TP02	3/1/97	5	APCL	<0.0002	<0.011	<0.0002	<0.0002	<0.0003	<0.0002	<0.0016	<0.0002	<0.0003	<0.0002	<0.0002
J12-TP02-2-S	TP02	3/1/97	5	APCL	<0.0002	<0.012	<0.0002	<0.0002	<0.0003	<0.0002	<0.0016	<0.0002	<0.0003	<0.0002	<0.0002
J12-TP02-3-S	TP02	3/1/97	5	APCL	<0.0002	<0.011	<0.0002	<0.0002	<0.0003	<0.0002	<0.0016	<0.0002	<0.0003	<0.0002	<0.0002
J12-TP03-1-S	TP03	3/1/97	2	APCL	<0.0002	<0.01	<0.0002	<0.0002	<0.0003	<0.0002	<0.0014	<0.0002	<0.0003	<0.0002	<0.0002
J12-TP03-2-S	TP03	3/1/97	5	APCL	<0.001	<0.053	<0.001	<0.001	<0.002	<0.001	<0.0075	<0.001	<0.002	<0.001	<0.001
J12-TP04-1-S	TP04	3/2/97	5	APCL	<0.0002	<0.012	<0.0002	<0.0002	<0.0004	<0.0002	<0.0016	<0.0002	<0.0004	<0.0002	<0.0002
J12-TP04-2-S	TP04	3/2/97	0	APCL	<0.0002	<0.012	<0.0002	<0.0002	<0.0004	<0.0002	<0.0016	<0.0002	<0.0004	<0.0002	<0.0002
J12-TP05-1-S	TP05	3/1/97	1.5	APCL	<0.001	<0.057	<0.001	<0.001	<0.002	<0.001	<0.008	<0.001	<0.002	<0.001	<0.001
J12-TP05-2-S	TP05	3/1/97	5	APCL	<0.001	<0.053	<0.001	<0.001	<0.002	<0.001	<0.0074	<0.001	<0.002	<0.001	<0.001
J12-TR01-1-S	TR01	3/1/97	5	APCL	<0.0002	<0.012	<0.0002	<0.0002	<0.0003	<0.0002	<0.0016	<0.0002	<0.0003	<0.0002	<0.0002
J12-TR01-2-S	TR01	3/1/97	5	APCL	<0.0002	<0.01	<0.0002	<0.0002	<0.0003	<0.0002	<0.0014	<0.0002	<0.0003	<0.0002	<0.0002
J12-TR02-1-S	TR02	3/1/97	5	APCL	<0.0002	<0.011	<0.0002	<0.0002	<0.0003	<0.0002	<0.0015	<0.0002	<0.0003	<0.0002	<0.0002
J12-TR02-2-S	TR02	3/1/97	5	APCL	<0.0002	<0.01	<0.0002	<0.0002	<0.0003	<0.0002	<0.0014	<0.0002	<0.0003	<0.0002	<0.0002
J12-TR02-3-S	TR02	3/1/97	5	APCL	<0.0002	<0.012	<0.0002	<0.0002	<0.0003	<0.0002	<0.0016	<0.0002	<0.0003	<0.0002	<0.0002
J12-TR03-1-S	TR03	3/1/97	5	APCL	<0.0002	<0.011	<0.0002	<0.0002	<0.0003	<0.0002	<0.0015	<0.0002	<0.0003	<0.0002	<0.0002
J12-TR03-2-S	TR03	3/1/97	5	APCL	<0.0002	<0.01	<0.0002	<0.0002	<0.0003	<0.0002	<0.0015	<0.0002	<0.0003	<0.0002	<0.0002
J12-TR04-1-S	TR04	3/1/97	5	APCL	<0.0002	<0.01	<0.0002	<0.0002	<0.0003	<0.0002	<0.0015	<0.0002	<0.0003	<0.0002	<0.0002
J12-TR04-2-S	TR04	3/1/97	5	APCL	<0.0002	<0.01	<0.0002	<0.0002	<0.0003	<0.0002	<0.0014	<0.0002	<0.0003	<0.0002	<0.0002
J12-TR05-1-S	TR05	3/2/97	5	APCL	<0.0002	<0.012	<0.0002	<0.0002	<0.0004	<0.0002	<0.0017	<0.0002	<0.0004	<0.0002	<0.0002
J12-TR05-2-S	TR05	3/2/97	5	APCL	<0.0002	<0.01	<0.0002	<0.0002	<0.0003	<0.0002	<0.0014	<0.0002	<0.0003	<0.0002	<0.0002
J12-TR06-1-S	TR06	3/2/97	5	APCL	<0.0002	<0.011	<0.0002	<0.0002	<0.0003	<0.0002	<0.0015	<0.0002	<0.0003	<0.0002	<0.0002
J12-TR06-2-S	TR06	3/2/97	5	APCL	<0.0002	<0.012	<0.0002	<0.0002	<0.0004	<0.0002	<0.0017	<0.0002	<0.0004	<0.0002	<0.0002
J12-TR07-3-S	TR07	3/1/97	8	APCL	<0.0002	<0.012	<0.0002	<0.0002	<0.0004	<0.0002	<0.0017	<0.0002	<0.0004	<0.0002	<0.0002
J12-TR07-4-S	TR07	3/1/97	10	APCL	<0.0002	<0.011	<0.0002	<0.0002	<0.0003	<0.0002	<0.0016	<0.0002	<0.0003	<0.0002	<0.0002
J12-TR07-5-S	TR07	3/1/97	8	APCL	<0.0002	<0.012	<0.0002	<0.0002	<0.0003	<0.0002	<0.0016	<0.0002	<0.0003	<0.0002	<0.0002
J12-TR07-6-S	TR07	3/1/97	10	APCL	<0.0002	<0.011	<0.0002	<0.0002	<0.0003	<0.0002	<0.0015	<0.0002	<0.0003	<0.0002	<0.0002
Analyses					28	28	28	28	28	28	28	28	28	28	28
Detections					0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration					0	0	0	0	0	0	0	0	0	0	0

OC Pesticides and PCBs
Method 8081 (APCL)

Sample ID	Location ID	Sample Date	Depth (feet)	Lab	beta-BHC	Chlordane	delta-BHC	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	gamma-BHC (Lindane)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Maximum Concentration					0	0	0	0	0	0	0	0	0	0	0
HWAD - PCG					NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
HWAD - PCG Hits					NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE

Notes:
NA = Not analyzed.
NE = Not established.

OC Pesticides and PCBs
Method 8081 (APCL)

Sample ID	Location ID	Sample Date	Depth (feet)	Lab	Heptachlor	Heptachlor epoxide	Methoxychlor	Toxaphene
					mg/kg	mg/kg	mg/kg	mg/kg
J12-TP01-1-S	TP01	3/1/97	5	APCL	<0.0009	<0.0002	<0.0007	<0.019
J12-TP01-2-S	TP01	3/1/97	5	APCL	<0.0009	<0.0002	<0.0007	<0.019
J12-TP02-1-S	TP02	3/1/97	5	APCL	<0.001	<0.0002	<0.0008	<0.02
J12-TP02-2-S	TP02	3/1/97	5	APCL	<0.001	<0.0002	<0.0008	<0.021
J12-TP02-3-S	TP02	3/1/97	5	APCL	<0.001	<0.0002	<0.0008	<0.021
J12-TP03-1-S	TP03	3/1/97	2	APCL	<0.0009	<0.0002	<0.0007	<0.018
J12-TP03-2-S	TP03	3/1/97	5	APCL	<0.005	<0.001	<0.004	<0.096
J12-TP04-1-S	TP04	3/2/97	5	APCL	<0.001	<0.0002	<0.0008	<0.021
J12-TP04-2-S	TP04	3/2/97	0	APCL	<0.001	<0.0002	<0.0008	<0.021
J12-TP05-1-S	TP05	3/1/97	1.5	APCL	<0.005	<0.001	<0.004	<0.1
J12-TP05-2-S	TP05	3/1/97	5	APCL	<0.005	<0.001	<0.004	<0.096
J12-TR01-1-S	TR01	3/1/97	5	APCL	<0.001	<0.0002	<0.0008	<0.021
J12-TR01-2-S	TR01	3/1/97	5	APCL	<0.0009	<0.0002	<0.0007	<0.018
J12-TR02-1-S	TR02	3/1/97	5	APCL	<0.001	<0.0002	<0.0008	<0.02
J12-TR02-2-S	TR02	3/1/97	5	APCL	<0.0009	<0.0002	<0.0007	<0.018
J12-TR02-3-S	TR02	3/1/97	5	APCL	<0.001	<0.0002	<0.0008	<0.021
J12-TR03-1-S	TR03	3/1/97	5	APCL	<0.001	<0.0002	<0.0007	<0.019
J12-TR03-2-S	TR03	3/1/97	5	APCL	<0.0009	<0.0002	<0.0007	<0.019
J12-TR04-1-S	TR04	3/1/97	5	APCL	<0.0009	<0.0002	<0.0007	<0.019
J12-TR04-2-S	TR04	3/1/97	5	APCL	<0.0009	<0.0002	<0.0007	<0.018
J12-TR05-1-S	TR05	3/2/97	5	APCL	<0.001	<0.0002	<0.0008	<0.021
J12-TR05-2-S	TR05	3/2/97	5	APCL	<0.0009	<0.0002	<0.0007	<0.018
J12-TR06-1-S	TR06	3/2/97	5	APCL	<0.001	<0.0002	<0.0008	<0.02
J12-TR06-2-S	TR06	3/2/97	5	APCL	<0.001	<0.0002	<0.0008	<0.021
J12-TR07-3-S	TR07	3/1/97	8	APCL	<0.001	<0.0002	<0.0009	<0.022
J12-TR07-4-S	TR07	3/1/97	10	APCL	<0.001	<0.0002	<0.0008	<0.02
J12-TR07-5-S	TR07	3/1/97	8	APCL	<0.001	<0.0002	<0.0008	<0.021
J12-TR07-6-S	TR07	3/1/97	10	APCL	<0.001	<0.0002	<0.0007	<0.019
Analyses					28	28	28	28
Detections					0	0	0	0
Minimum Concentration					0	0	0	0

OC Pesticides and PCBs
Method 8081 (APCL)

Sample ID	Location ID	Sample Date	Depth (feet)	Lab	Heptachlor	Heptachlor epoxide	Methoxychlor	Toxaphene
					mg/kg	mg/kg	mg/kg	mg/kg
Maximum Concentration					0	0	0	0
HWAD - PCG					NE	NE	NE	NE
HWAD - PCG Hits					NE	NE	NE	NE

Notes:
NA = Not analyzed.
NE = Not established.

Chlorinated Herbicides
Method 8150B (APCL)

Sample ID	Location ID	Sample Date	Depth (feet)	Lab	Dinoseb	MCPA	MCPP	2,4,5-T	2,4,5-TP (Silvex)	2,4-D
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
J12-TP01-1-S	TP01	3/1/97	5	APCL	<0.01	<0.18	<0.31 UJ	<0.0036	<0.002	<0.0023
J12-TP01-2-S	TP01	3/1/97	5	APCL	<0.01	<0.18	<0.3 UJ	<0.0035	<0.002	<0.0023
J12-TP02-1-S	TP02	3/1/97	5	APCL	<0.011	<0.19	<0.33 UJ	<0.0039	<0.0022	<0.0025
J12-TP02-2-S	TP02	3/1/97	5	APCL	<0.011	<0.2	<0.33 UJ	<0.0039	<0.0022	<0.0025
J12-TP02-3-S	TP02	3/1/97	5	APCL	<0.011	<0.19	<0.33 UJ	<0.0039	<0.0022	<0.0025
J12-TP03-1-S	TP03	3/1/97	2	APCL	<0.01	<0.17	<0.3 UJ	<0.0035	<0.0019	<0.0022
J12-TP03-2-S	TP03	3/1/97	5	APCL	<0.011	<0.18	<0.31 UJ	<0.0036	<0.002	<0.0023
J12-TP04-1-S	TP04	3/2/97	5	APCL	<0.012	<0.2	<0.34 UJ	<0.004	<0.0022	<0.0026
J12-TP04-2-S	TP04	3/2/97	0	APCL	<0.012	<0.2	<0.34 UJ	<0.004	<0.0022	<0.0026
J12-TP05-1-S	TP05	3/1/97	1.5	APCL	<0.011	<0.2	<0.33 UJ	<0.0039	<0.0022	<0.0025
J12-TP05-2-S	TP05	3/1/97	5	APCL	<0.011	<0.18	<0.31 UJ	<0.0036	<0.002	<0.0023
J12-TR01-1-S	TR01	3/1/97	5	APCL	<0.011	<0.2	<0.33 UJ	<0.0039	<0.0022	<0.0025
J12-TR01-2-S	TR01	3/1/97	5	APCL	<0.01	<0.17	<0.3 UJ	<0.0035	<0.0019	<0.0023
J12-TR02-1-S	TR02	3/1/97	5	APCL	<0.011	<0.19	<0.32 UJ	<0.0037	<0.0021	<0.0024
J12-TR02-2-S	TR02	3/1/97	5	APCL	<0.01	<0.17	<0.29 UJ	<0.0035	<0.0019	<0.0022
J12-TR02-3-S	TR02	3/1/97	5	APCL	<0.011	<0.2	<0.34 UJ	<0.0039	<0.0022	<0.0026
J12-TR03-1-S	TR03	3/1/97	5	APCL	<0.011	<0.18	<0.31 UJ	<0.0036	<0.002	<0.0023
J12-TR03-2-S	TR03	3/1/97	5	APCL	<0.01	<0.18	<0.3 UJ	<0.0035	<0.002	<0.0023
J12-TR04-1-S	TR04	3/1/97	5	APCL	<0.01	<0.18	<0.3 UJ	<0.0036	<0.002	<0.0023
J12-TR04-2-S	TR04	3/1/97	5	APCL	<0.01	<0.17	<0.3 UJ	<0.0035	<0.002	<0.0023
J12-TR05-1-S	TR05	3/2/97	5	APCL	<0.012	<0.2	<0.34 UJ	<0.004	<0.0022	<0.0026
J12-TR05-2-S	TR05	3/2/97	5	APCL	<0.01	<0.17	<0.29 UJ	<0.0034	<0.0019	<0.0022
J12-TR06-1-S	TR06	3/2/97	5	APCL	<0.011	<0.18	<0.31 UJ	<0.0037	<0.0021	<0.0024
J12-TR06-2-S	TR06	3/2/97	5	APCL	<0.012	<0.2	<0.34 UJ	<0.004	<0.0022	<0.0026
J12-TR07-3-S	TR07	3/1/97	8	APCL	<0.012	<0.21	<0.36 UJ	<0.0042	<0.0023	<0.0027
J12-TR07-4-S	TR07	3/1/97	10	APCL	<0.011	<0.19	<0.32 UJ	<0.0038	<0.0021	<0.0024
J12-TR07-5-S	TR07	3/1/97	8	APCL	<0.011	<0.2	<0.33 UJ	<0.0039	<0.0022	<0.0025
J12-TR07-6-S	TR07	3/1/97	10	APCL	<0.011	<0.18	<0.31 UJ	<0.0036	<0.002	<0.0023
Analyses					28	28	28	28	28	28
Detections					0	0	0	0	0	0
Minimum Concentration					0	0	0	0	0	0
Maximum Concentration					0	0	0	0	0	0
HWAD - PCG					NE	NE	NE	NE	NE	NE
HWAD - PCG Hits					NE	NE	NE	NE	NE	NE

Notes:
NA = Not analyzed.
NE = Not established.

Chlorinated Herbicides
Method 8150B (APCL)

Sample ID	Location ID	Sample Date	Depth (feet)	Lab	2,4-DB	Dalapon	Dicamba	Dichloroprop
					mg/kg	mg/kg	mg/kg	mg/kg
J12-TP01-1-S	TP01	3/1/97	5	APCL	<0.0021	<0.01	<0.0021	<0.0025
J12-TP01-2-S	TP01	3/1/97	5	APCL	<0.0021	<0.01	<0.0021	<0.0025
J12-TP02-1-S	TP02	3/1/97	5	APCL	<0.0023	<0.011	<0.0023	<0.0027
J12-TP02-2-S	TP02	3/1/97	5	APCL	<0.0023	<0.011	<0.0023	<0.0028
J12-TP02-3-S	TP02	3/1/97	5	APCL	<0.0023	<0.011	<0.0023	<0.0027
J12-TP03-1-S	TP03	3/1/97	2	APCL	<0.002	<0.0099	<0.002	<0.0024
J12-TP03-2-S	TP03	3/1/97	5	APCL	<0.0021	<0.01	<0.0021	<0.0026
J12-TP04-1-S	TP04	3/2/97	5	APCL	<0.0023	<0.011	<0.0023	<0.0028
J12-TP04-2-S	TP04	3/2/97	0	APCL	<0.0023	<0.011	<0.0023	<0.0028
J12-TP05-1-S	TP05	3/1/97	1.5	APCL	<0.0023	<0.011	<0.0023	<0.0028
J12-TP05-2-S	TP05	3/1/97	5	APCL	<0.0021	<0.01	<0.0021	<0.0025
J12-TR01-1-S	TR01	3/1/97	5	APCL	<0.0023	<0.011	<0.0023	<0.0028
J12-TR01-2-S	TR01	3/1/97	5	APCL	<0.0021	<0.0099	<0.0021	<0.0025
J12-TR02-1-S	TR02	3/1/97	5	APCL	<0.0022	<0.011	<0.0022	<0.0026
J12-TR02-2-S	TR02	3/1/97	5	APCL	<0.002	<0.01	<0.002	<0.0024
J12-TR02-3-S	TR02	3/1/97	5	APCL	<0.0023	<0.011	<0.0023	<0.0028
J12-TR03-1-S	TR03	3/1/97	5	APCL	<0.0021	<0.01	<0.0021	<0.0026
J12-TR03-2-S	TR03	3/1/97	5	APCL	<0.0021	<0.01	<0.0021	<0.0025
J12-TR04-1-S	TR04	3/1/97	5	APCL	<0.0021	<0.01	<0.0021	<0.0025
J12-TR04-2-S	TR04	3/1/97	5	APCL	<0.0021	<0.01	<0.0021	<0.0025
J12-TR05-1-S	TR05	3/2/97	5	APCL	<0.0024	<0.011	<0.0024	<0.0028
J12-TR05-2-S	TR05	3/2/97	5	APCL	<0.002	<0.01	<0.002	<0.0024
J12-TR06-1-S	TR06	3/2/97	5	APCL	<0.0022	<0.011	<0.0022	<0.0026
J12-TR06-2-S	TR06	3/2/97	5	APCL	<0.0024	<0.011	<0.0024	<0.0028
J12-TR07-3-S	TR07	3/1/97	8	APCL	<0.0025	<0.012	<0.0025	<0.003
J12-TR07-4-S	TR07	3/1/97	10	APCL	<0.0022	<0.011	<0.0022	<0.0027
J12-TR07-5-S	TR07	3/1/97	8	APCL	<0.0023	<0.011	<0.0023	<0.0028
J12-TR07-6-S	TR07	3/1/97	10	APCL	<0.0021	<0.01	<0.0021	<0.0025
Analyses					28	28	28	28
Detections					0	0	0	0
Minimum Concentration					0	0	0	0
Maximum Concentration					0	0	0	0
HWAD - PCG					NE	NE	NE	NE
HWAD - PCG Hits					NE	NE	NE	NE

Notes:
NA = Not analyzed.
NE = Not established.

VOCs
Method 8260A (APCL)

Sample ID	Location ID	Sample Date	Depth (feet)	Lab	1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,1-Dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,2-Dibromoethane (EDB)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
J12-TP01-1-S	TP01	3/1/97	5	APCL	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002	<0.0001	<0.0002	<0.0001	<0.0004	<0.0002	<0.0001	<0.0005
J12-TP01-2-S	TP01	3/1/97	5	APCL	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002	<0.0001	<0.0002	<0.0001	<0.0004	<0.0002	<0.0001	<0.0005
J12-TP02-1-S	TP02	3/1/97	5	APCL	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002	<0.0001	<0.0002	<0.0001	<0.0005	<0.0002	<0.0001	<0.0006
J12-TP02-2-S	TP02	3/1/97	5	APCL	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002	<0.0001	<0.0002	<0.0001	<0.0005	<0.0002	<0.0001	<0.0006
J12-TP02-3-S	TP02	3/1/97	5	APCL	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002	<0.0001	<0.0002	<0.0001	<0.0005	<0.0002	<0.0001	<0.0006
J12-TP03-1-S	TP03	3/1/97	2	APCL	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002	<0.0001	<0.0002	<0.0001	<0.0004	<0.0002	<0.0001	<0.0005
J12-TP03-2-S	TP03	3/1/97	5	APCL	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002	<0.0001	<0.0002	<0.0001	<0.0004	<0.0002	<0.0001	<0.0005
J12-TP04-1-S	TP04	3/2/97	5	APCL	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002	<0.0001	<0.0002	<0.0001	<0.0005	<0.0002	<0.0001	<0.0006
J12-TP04-2-S	TP04	3/2/97	0	APCL	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002	<0.0001	<0.0002	<0.0001	<0.0005	<0.0002	<0.0001	<0.0006
J12-TP05-1-S	TP05	3/1/97	1.5	APCL	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002	<0.0001	<0.0002	<0.0001	<0.0005	<0.0002	<0.0001	<0.0006
J12-TP05-2-S	TP05	3/1/97	5	APCL	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002	<0.0001	<0.0002	<0.0001	<0.0004	<0.0002	<0.0001	<0.0005
J12-TR01-1-S	TR01	3/1/97	5	APCL	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002	<0.0001	<0.0002	<0.0001	<0.0005	<0.0002	<0.0001	<0.0006
J12-TR01-2-S	TR01	3/1/97	5	APCL	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002	<0.0001	<0.0002	<0.0001	<0.0004	<0.0002	<0.0001	<0.0005
J12-TR02-1-S	TR02	3/1/97	5	APCL	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002	<0.0001	<0.0002	<0.0001	<0.0004	<0.0002	<0.0001	<0.0005
J12-TR02-2-S	TR02	3/1/97	5	APCL	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002	<0.0001	<0.0002	<0.0001	<0.0004	<0.0002	<0.0001	<0.0005
J12-TR02-3-S	TR02	3/1/97	5	APCL	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002	<0.0001	<0.0002	<0.0001	<0.0005	<0.0002	<0.0001	<0.0006
J12-TR03-1-S	TR03	3/1/97	5	APCL	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002	<0.0001	<0.0002	<0.0001	<0.0004	<0.0002	<0.0001	<0.0005
J12-TR03-2-S	TR03	3/1/97	5	APCL	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002	<0.0001	<0.0002	<0.0001	<0.0004	<0.0002	<0.0001	<0.0005
J12-TR04-1-S	TR04	3/1/97	5	APCL	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002	<0.0001	<0.0002	<0.0001	<0.0004	<0.0002	<0.0001	<0.0005
J12-TR04-2-S	TR04	3/1/97	5	APCL	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002	<0.0001	<0.0002	<0.0001	<0.0004	<0.0002	<0.0001	<0.0005
J12-TR05-1-S	TR05	3/2/97	5	APCL	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002	<0.0001	<0.0002	<0.0001	<0.0005	<0.0002	<0.0001	<0.0006
J12-TR05-2-S	TR05	3/2/97	5	APCL	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002	<0.0001	<0.0002	<0.0001	<0.0004	<0.0002	<0.0001	<0.0005
J12-TR06-1-S	TR06	3/2/97	5	APCL	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002	<0.0001	<0.0002	<0.0001	<0.0004	<0.0002	<0.0001	<0.0005
J12-TR06-2-S	TR06	3/2/97	5	APCL	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002	<0.0001	<0.0002	<0.0001	<0.0005	<0.0002	<0.0001	<0.0006
J12-TR07-3-S	TR07	3/1/97	8	APCL	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002	<0.0001	<0.0002	<0.0001	<0.0005	<0.0002	<0.0001	<0.0006
J12-TR07-4-S	TR07	3/1/97	10	APCL	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002	<0.0001	<0.0002	<0.0001	<0.0004	<0.0002	<0.0001	<0.0006
J12-TR07-5-S	TR07	3/1/97	8	APCL	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002	<0.0001	<0.0002	<0.0001	<0.0005	<0.0002	<0.0001	<0.0006
J12-TR07-6-S	TR07	3/1/97	10	APCL	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002	<0.0001	<0.0002	<0.0001	<0.0004	<0.0002	<0.0001	<0.0005
Analyses					28	28	28	28	28	28	28	28	28	28	28	28
Detections					0	0	0	0	0	0	0	0	0	0	0	0

Sample ID	Location ID	Sample Date	Depth (feet)	Lab	1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,1-Dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,2-Dibromoethane (EDB)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Minimum Concentration					0	0	0	0	0	0	0	0	0	0	0	0
Maximum Concentration					0	0	0	0	0	0	0	0	0	0	0	0
HWAD - PCG					NE	7200	35	NE	NE	NE	NE	NE	480	NE	NE	0.008
HWAD - PCG Hits					NE	0	0	NE	NE	NE	NE	NE	0	NE	NE	0

Notes:
NA = Not analyzed.
NE = Not established.

VOCs
Method 8260A (APCL)

Sample ID	Location ID	Sample Date	Depth (feet)	Lab	1,2-Dichlorobenzene	1,2-Dichloroethane	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	2,2-Dichloropropane	2-Chlorotoluene	4-Chlorotoluene	4-Isopropyltoluene	Benzene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
J12-TP01-1-S	TP01	3/1/97	5	APCL	<0.0001	<0.0002	<0.0002	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002	<0.0001	<0.0002	<0.0002	<0.0002
J12-TP01-2-S	TP01	3/1/97	5	APCL	<0.0001	<0.0002	<0.0002	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002	<0.0001	<0.0002	<0.0002	<0.0002
J12-TP02-1-S	TP02	3/1/97	5	APCL	<0.0001	<0.0002	<0.0002	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002	<0.0001	<0.0002	<0.0002	<0.0002
J12-TP02-2-S	TP02	3/1/97	5	APCL	<0.0001	<0.0002	<0.0002	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002	<0.0001	<0.0002	<0.0002	<0.0002
J12-TP02-3-S	TP02	3/1/97	5	APCL	<0.0001	<0.0002	<0.0002	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002	<0.0001	<0.0002	<0.0002	<0.0002
J12-TP03-1-S	TP03	3/1/97	2	APCL	<0.0001	<0.0002	<0.0002	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002	<0.0001	<0.0002	<0.0002	<0.0002
J12-TP03-2-S	TP03	3/1/97	5	APCL	<0.0001	<0.0002	<0.0002	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002	<0.0001	<0.0002	<0.0002	<0.0002
J12-TP04-1-S	TP04	3/2/97	5	APCL	<0.0001	<0.0002	<0.0002	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002	<0.0001	<0.0002	<0.0002	<0.0002
J12-TP04-2-S	TP04	3/2/97	0	APCL	<0.0001	<0.0002	<0.0002	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002	<0.0001	<0.0002	<0.0002	<0.0002
J12-TP05-1-S	TP05	3/1/97	1.5	APCL	<0.0001	<0.0002	<0.0002	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002	<0.0001	<0.0002	<0.0002	<0.0002
J12-TP05-2-S	TP05	3/1/97	5	APCL	<0.0001	<0.0002	<0.0002	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002	<0.0001	<0.0002	<0.0002	<0.0002
J12-TR01-1-S	TR01	3/1/97	5	APCL	<0.0001	<0.0002	<0.0002	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002	<0.0001	<0.0002	<0.0002	<0.0002
J12-TR01-2-S	TR01	3/1/97	5	APCL	<0.0001	<0.0002	<0.0002	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002	<0.0001	<0.0002	<0.0002	<0.0002
J12-TR02-1-S	TR02	3/1/97	5	APCL	<0.0001	<0.0002	<0.0002	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002	<0.0001	<0.0002	<0.0002	<0.0002
J12-TR02-2-S	TR02	3/1/97	5	APCL	<0.0001	<0.0002	<0.0002	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002	<0.0001	<0.0002	<0.0002	<0.0002
J12-TR02-3-S	TR02	3/1/97	5	APCL	<0.0001	<0.0002	<0.0002	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002	<0.0001	<0.0002	<0.0002	<0.0002
J12-TR03-1-S	TR03	3/1/97	5	APCL	<0.0001	<0.0002	<0.0002	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002	<0.0001	<0.0002	<0.0002	<0.0002
J12-TR03-2-S	TR03	3/1/97	5	APCL	<0.0001	<0.0002	<0.0002	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002	<0.0001	<0.0002	<0.0002	<0.0002
J12-TR04-1-S	TR04	3/1/97	5	APCL	<0.0001	<0.0002	<0.0002	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002	<0.0001	<0.0002	<0.0002	<0.0002
J12-TR04-2-S	TR04	3/1/97	5	APCL	<0.0001	<0.0002	<0.0002	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002	<0.0001	<0.0002	<0.0002	<0.0002
J12-TR05-1-S	TR05	3/2/97	5	APCL	<0.0001	<0.0002	<0.0002	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002 UJ	<0.0001	<0.0002	<0.0002	<0.0002
J12-TR05-2-S	TR05	3/2/97	5	APCL	<0.0001	<0.0002	<0.0002	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002 UJ	<0.0001	<0.0002	<0.0002	<0.0002
J12-TR06-1-S	TR06	3/2/97	5	APCL	<0.0001	<0.0002	<0.0002	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002 UJ	<0.0001	<0.0002	<0.0002	<0.0002
J12-TR06-2-S	TR06	3/2/97	5	APCL	<0.0001	<0.0002	<0.0002	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002 UJ	<0.0001	<0.0002	<0.0002	<0.0002
J12-TR07-3-S	TR07	3/1/97	8	APCL	<0.0001	<0.0002	<0.0002	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002 UJ	<0.0001	<0.0002	<0.0002	<0.0002
J12-TR07-4-S	TR07	3/1/97	10	APCL	<0.0001	<0.0002	<0.0002	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002 UJ	<0.0001	<0.0002	<0.0002	<0.0002
J12-TR07-5-S	TR07	3/1/97	8	APCL	<0.0001	<0.0002	<0.0002	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002 UJ	<0.0001	<0.0002	<0.0002	<0.0002
J12-TR07-6-S	TR07	3/1/97	10	APCL	<0.0001	<0.0002	<0.0002	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002 UJ	<0.0001	<0.0002	<0.0002	<0.0002
Analyses					28	28	28	28	28	28	28	28	28	28	28	28
Detections					0	0	0	0	0	0	0	0	0	0	0	0

Sample ID	Location ID	Sample Date	Depth (feet)	Lab	1,2-Dichlorobenzene	1,2-Dichloroethane	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	2,2-Dichloropropane	2-Chlorotoluene	4-Chlorotoluene	4-Isopropyltoluene	Benzene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Minimum Concentration					0	0	0	0	0	0	0	0	0	0	0	0
Maximum Concentration					0	0	0	0	0	0	0	0	0	0	0	0
HWAD - PCG					7200	NE	NE	NE	NE	NE	150	NE	NE	NE	NE	10
HWAD - PCG Hits					0	NE	NE	NE	NE	NE	0	NE	NE	NE	NE	0

Notes:
NA = Not analyzed.
NE = Not established.

VOCs
Method 8260A (APCL)

Sample ID	Location ID	Sample Date	Depth (feet)	Lab	Bromobenzene	Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethene	cis-1,3-Dichloropropene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
J12-TP01-1-S	TP01	3/1/97	5	APCL	<0.0001	<0.0005	<0.0002	<0.0003	<0.0003	<0.0001	<0.0002	<0.0007	<0.0002	<0.0003	<0.0002	<0.0001
J12-TP01-2-S	TP01	3/1/97	5	APCL	<0.0001	<0.0005	<0.0002	<0.0003	<0.0003	<0.0001	<0.0002	<0.0007	<0.0002	<0.0003	<0.0002	<0.0001
J12-TP02-1-S	TP02	3/1/97	5	APCL	<0.0001	<0.0006	<0.0002	<0.0003	<0.0003	<0.0001	<0.0002	<0.0008	<0.0002	<0.0003	<0.0002	<0.0001
J12-TP02-2-S	TP02	3/1/97	5	APCL	<0.0001	<0.0006	<0.0002	<0.0003	<0.0003	<0.0001	<0.0002	<0.0008	<0.0002	<0.0003	<0.0002	<0.0001
J12-TP02-3-S	TP02	3/1/97	5	APCL	<0.0001	<0.0006	<0.0002	<0.0003	<0.0003	<0.0001	<0.0002	<0.0008	<0.0002	<0.0003	<0.0002	<0.0001
J12-TP03-1-S	TP03	3/1/97	2	APCL	<0.0001	<0.0005	<0.0002	<0.0003	<0.0003	<0.0001	<0.0002	<0.0007	<0.0002	<0.0003	<0.0002	<0.0001
J12-TP03-2-S	TP03	3/1/97	5	APCL	<0.0001	<0.0005	<0.0002	<0.0003	<0.0003	<0.0001	<0.0002	<0.0007	<0.0002	<0.0003	<0.0002	<0.0001
J12-TP04-1-S	TP04	3/2/97	5	APCL	<0.0001	<0.0006	<0.0002	<0.0004	<0.0004	<0.0001	<0.0002	<0.0008	<0.0002	<0.0004	<0.0002	<0.0001
J12-TP04-2-S	TP04	3/2/97	0	APCL	<0.0001	<0.0006	<0.0002	<0.0004	<0.0004	<0.0001	<0.0002	<0.0008	<0.0002	<0.0004	<0.0002	<0.0001
J12-TP05-1-S	TP05	3/1/97	1.5	APCL	<0.0001	<0.0006	<0.0002	<0.0003	<0.0003	<0.0001	<0.0002	<0.0008	<0.0002	<0.0003	<0.0002	<0.0001
J12-TP05-2-S	TP05	3/1/97	5	APCL	<0.0001	<0.0005	<0.0002	<0.0003	<0.0003	<0.0001	<0.0002	<0.0007	<0.0002	<0.0003	<0.0002	<0.0001
J12-TR01-1-S	TR01	3/1/97	5	APCL	<0.0001	<0.0006	<0.0002	<0.0003	<0.0003	<0.0001	<0.0002	<0.0008	<0.0002	<0.0003	<0.0002	<0.0001
J12-TR01-2-S	TR01	3/1/97	5	APCL	<0.0001	<0.0005	<0.0002	<0.0003	<0.0003	<0.0001	<0.0002	<0.0007	<0.0002	<0.0003	<0.0002	<0.0001
J12-TR02-1-S	TR02	3/1/97	5	APCL	<0.0001	<0.0005	<0.0002	<0.0003	<0.0003	<0.0001	<0.0002	<0.0008	<0.0002	<0.0003	<0.0002	<0.0001
J12-TR02-2-S	TR02	3/1/97	5	APCL	<0.0001	<0.0005	<0.0002	<0.0003	<0.0003	<0.0001	<0.0002	<0.0007	<0.0002	<0.0003	<0.0002	<0.0001
J12-TR02-3-S	TR02	3/1/97	5	APCL	<0.0001	<0.0006	<0.0002	<0.0003	<0.0003	<0.0001	<0.0002	<0.0008	<0.0002	<0.0003	<0.0002	<0.0001
J12-TR03-1-S	TR03	3/1/97	5	APCL	<0.0001	<0.0005	<0.0002	<0.0003	<0.0003	<0.0001	<0.0002	<0.0007	<0.0002	<0.0003	<0.0002	<0.0001
J12-TR03-2-S	TR03	3/1/97	5	APCL	<0.0001	<0.0005	<0.0002	<0.0003	<0.0003	<0.0001	<0.0002	<0.0007	<0.0002	<0.0003	<0.0002	<0.0001
J12-TR04-1-S	TR04	3/1/97	5	APCL	<0.0001	<0.0005	<0.0002	<0.0003	<0.0003	<0.0001	<0.0002	<0.0007	<0.0002	<0.0003	<0.0002	<0.0001
J12-TR04-2-S	TR04	3/1/97	5	APCL	<0.0001	<0.0005	<0.0002	<0.0003	<0.0003	<0.0001	<0.0002	<0.0007	<0.0002	<0.0003	<0.0002	<0.0001
J12-TR05-1-S	TR05	3/2/97	5	APCL	<0.0001	<0.0006	<0.0002	<0.0004	<0.0004	<0.0001	<0.0002	<0.0008	<0.0002	<0.0004	<0.0002	<0.0001
J12-TR05-2-S	TR05	3/2/97	5	APCL	<0.0001	<0.0005	<0.0002	<0.0003	<0.0003	<0.0001	<0.0002	<0.0007	<0.0002	<0.0003	<0.0002	<0.0001
J12-TR06-1-S	TR06	3/2/97	5	APCL	<0.0001	<0.0005	<0.0002	<0.0003	<0.0003	<0.0001	<0.0002	<0.0008	<0.0002	<0.0003	<0.0002	<0.0001
J12-TR06-2-S	TR06	3/2/97	5	APCL	<0.0001	<0.0006	<0.0002	<0.0004	<0.0004	<0.0001	<0.0002	<0.0008	<0.0002	<0.0004	<0.0002	<0.0001
J12-TR07-3-S	TR07	3/1/97	8	APCL	<0.0001	<0.0006	<0.0002	<0.0004	<0.0004	<0.0001	<0.0002	<0.0009	<0.0002	<0.0004	<0.0002	<0.0001
J12-TR07-4-S	TR07	3/1/97	10	APCL	<0.0001	<0.0006	<0.0002	<0.0003	<0.0003	<0.0001	<0.0002	<0.0008	<0.0002	<0.0003	<0.0002	<0.0001
J12-TR07-5-S	TR07	3/1/97	8	APCL	<0.0001	<0.0006	<0.0002	<0.0003	<0.0003	<0.0001	<0.0002	<0.0008	<0.0002	<0.0003	<0.0002	<0.0001
J12-TR07-6-S	TR07	3/1/97	10	APCL	<0.0001	<0.0005	<0.0002	<0.0003	<0.0003	<0.0001	<0.0002	<0.0007	<0.0002	<0.0003	<0.0002	<0.0001
Analyses					28	28	28	28	28	28	28	28	28	28	28	28
Detections					0	0	0	0	0	0	0	0	0	0	0	0

Sample ID	Location ID	Sample Date	Depth (feet)	Lab	Bromobenzene	Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethene	cis-1,3-Dichloropropene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Minimum Concentration					0	0	0	0	0	0	0	0	0	0	0	0
Maximum Concentration					0	0	0	0	0	0	0	0	0	0	0	0
HWAD - PCG					NE	NE	NE	89	112	10	2000	NE	120	538	NE	NE
HWAD - PCG Hits					NE	NE	NE	0	0	0	0	NE	0	0	NE	NE

Notes:
NA = Not analyzed.
NE = Not established.

VOCs
Method 8260A (APCL)

Sample ID	Location ID	Sample Date	Depth (feet)	Lab	Dibromochloromethane	Dibromochloropropane	Dibromomethane	Dichlorodifluoromethane	Ethylbenzene	Hexachlorobutadiene	Isopropylbenzene	m-&p-Xylenes	Methylene chloride	MTBE	n-Butylbenzene	n-Propylbenzene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
J12-TP01-1-S	TP01	3/1/97	5	APCL	<0.0002	<0.0009 EJ	<0.0005	<0.0002	<0.0001	<0.0002	<0.0002	<0.0005	<0.0007	<0.0002	<0.0002	<0.0001
J12-TP01-2-S	TP01	3/1/97	5	APCL	<0.0002	<0.0009 EJ	<0.0005	<0.0002	<0.0001	<0.0002	<0.0002	<0.0005	<0.0007	<0.0002	<0.0002	<0.0001
J12-TP02-1-S	TP02	3/1/97	5	APCL	<0.0002	<0.001 EJ	<0.0006	<0.0002	<0.0001	<0.0002	<0.0002	<0.0006	<0.0008	<0.0002	<0.0002	<0.0001
J12-TP02-2-S	TP02	3/1/97	5	APCL	<0.0002	<0.001 EJ	<0.0006	<0.0002	<0.0001	<0.0002	<0.0002	<0.0006	<0.0008	<0.0002	<0.0002	<0.0001
J12-TP02-3-S	TP02	3/1/97	5	APCL	<0.0002	<0.001 EJ	<0.0006	<0.0002	<0.0001	<0.0002	<0.0002	<0.0006	<0.0008	<0.0002	<0.0002	<0.0001
J12-TP03-1-S	TP03	3/1/97	2	APCL	<0.0002	<0.0009 EJ	<0.0005	<0.0002	<0.0001	<0.0002	<0.0002	<0.0005	<0.0007	<0.0002	<0.0002	<0.0001
J12-TP03-2-S	TP03	3/1/97	5	APCL	<0.0002	<0.001	<0.0005 E	<0.0002	<0.0001	<0.0002	<0.0002	<0.0005	<0.0007	<0.0002	<0.0002	<0.0001
J12-TP04-1-S	TP04	3/2/97	5	APCL	<0.0002	<0.001 EJ	<0.0006	<0.0002	<0.0001	<0.0002	<0.0002	<0.0006	<0.0008	<0.0002	<0.0002	<0.0001
J12-TP04-2-S	TP04	3/2/97	0	APCL	<0.0002	<0.001 EJ	<0.0006	<0.0002	<0.0001	<0.0002	<0.0002	<0.0006	<0.0008	<0.0002	<0.0002	<0.0001
J12-TP05-1-S	TP05	3/1/97	1.5	APCL	<0.0002	<0.001 EJ	<0.0006	<0.0002	<0.0001	<0.0002	<0.0002	<0.0006	<0.0008	<0.0002	<0.0002	<0.0001
J12-TP05-2-S	TP05	3/1/97	5	APCL	<0.0002	<0.001 EJ	<0.0005	<0.0002	<0.0001	<0.0002	<0.0002	<0.0005	<0.0007	<0.0002	<0.0002	<0.0001
J12-TR01-1-S	TR01	3/1/97	5	APCL	<0.0002	<0.001 EJ	<0.0006	<0.0002	<0.0001	<0.0002	<0.0002	<0.0006	<0.0008	<0.0002	<0.0002	<0.0001
J12-TR01-2-S	TR01	3/1/97	5	APCL	<0.0002	<0.0009 EJ	<0.0005	<0.0002	<0.0001	<0.0002	<0.0002	<0.0005	<0.0007	<0.0002	<0.0002	<0.0001
J12-TR02-1-S	TR02	3/1/97	5	APCL	<0.0002	<0.001 EJ	<0.0005	<0.0002	<0.0001	<0.0002	<0.0002	<0.0005	<0.0008	<0.0002	<0.0002	<0.0001
J12-TR02-2-S	TR02	3/1/97	5	APCL	<0.0002	<0.0009 EJ	<0.0005	<0.0002	<0.0001	<0.0002	<0.0002	<0.0005	<0.0007	<0.0002	<0.0002	<0.0001
J12-TR02-3-S	TR02	3/1/97	5	APCL	<0.0002	<0.001 EJ	<0.0006	<0.0002	<0.0001	<0.0002	<0.0002	<0.0006	<0.0008	<0.0002	<0.0002	<0.0001
J12-TR03-1-S	TR03	3/1/97	5	APCL	<0.0002	<0.001 EJ	<0.0005	<0.0002	<0.0001	<0.0002	<0.0002	<0.0005	<0.0007	<0.0002	<0.0002	<0.0001
J12-TR03-2-S	TR03	3/1/97	5	APCL	<0.0002	<0.0009 EJ	<0.0005	<0.0002	<0.0001	<0.0002	<0.0002	<0.0005	<0.0007	<0.0002	<0.0002	<0.0001
J12-TR04-1-S	TR04	3/1/97	5	APCL	<0.0002	<0.0009 EJ	<0.0005	<0.0002	<0.0001	<0.0002	<0.0002	<0.0005	<0.0007	<0.0002	<0.0002	<0.0001
J12-TR04-2-S	TR04	3/1/97	5	APCL	<0.0002	<0.0009 EJ	<0.0005	<0.0002	<0.0001	<0.0002	<0.0002	<0.0005	<0.0007	<0.0002	<0.0002	<0.0001
J12-TR05-1-S	TR05	3/2/97	5	APCL	<0.0002	<0.001 EJ	<0.0006	<0.0002	<0.0001	<0.0002	<0.0002	<0.0006	<0.0008	<0.0002	<0.0002	<0.0001
J12-TR05-2-S	TR05	3/2/97	5	APCL	<0.0002	<0.0009 EJ	<0.0005	<0.0002	<0.0001	<0.0002	<0.0002	<0.0005	<0.0007	<0.0002	<0.0002	<0.0001
J12-TR06-1-S	TR06	3/2/97	5	APCL	<0.0002	<0.001 EJ	<0.0005	<0.0002	<0.0001	<0.0002	<0.0002	<0.0005	<0.0008	<0.0002	<0.0002	<0.0001
J12-TR06-2-S	TR06	3/2/97	5	APCL	<0.0002	<0.001 EJ	<0.0006	<0.0002	<0.0001	<0.0002	<0.0002	<0.0006	<0.0008	<0.0002	<0.0002	<0.0001
J12-TR07-3-S	TR07	3/1/97	8	APCL	<0.0002	<0.001 EJ	<0.0006	<0.0002	<0.0001	<0.0002	<0.0002	<0.0006	<0.0009	<0.0002	<0.0002	<0.0001
J12-TR07-4-S	TR07	3/1/97	10	APCL	<0.0002	<0.001 EJ	<0.0006	<0.0002	<0.0001	<0.0002	<0.0002	<0.0006	<0.0008	<0.0002	<0.0002	<0.0001
J12-TR07-5-S	TR07	3/1/97	8	APCL	<0.0002	<0.001 EJ	<0.0006	<0.0002	<0.0001	<0.0002	<0.0002	<0.0006	<0.0008	<0.0002	<0.0002	<0.0001
J12-TR07-6-S	TR07	3/1/97	10	APCL	<0.0002	<0.001 EJ	<0.0005	<0.0002	<0.0001	<0.0002	<0.0002	<0.0005	<0.0007	<0.0002	<0.0002	<0.0001
Analyses					28	28	28	28	28	28	28	28	28	28	28	28
Detections					0	0	0	0	0	0	0	0	0	0	0	0

Sample ID	Location ID	Sample Date	Depth (feet)	Lab	Dibromochloromethane	Dibromochloropropane	Dibromomethane	Dichlorodifluoromethane	Ethylbenzene	Hexachlorobutadiene	Isopropylbenzene	m-&p-Xylenes	Methylene chloride	MTBE	n-Butylbenzene	n-Propylbenzene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Minimum Concentration					0	0	0	0	0	0	0	0	0	0	0	0
Maximum Concentration					0	0	0	0	0	0	0	0	0	0	0	0
HWAD - PCG					83	NE	800	16000	8000	NE	NE	160000	4800	NE	NE	NE
HWAD - PCG Hits					0	NE	0	0	0	NE	NE	0	0	NE	NE	NE

Notes:
NA = Not analyzed.
NE = Not established.

VOCs
Method 8260A (APCL)

Sample ID	Location ID	Sample Date	Depth (feet)	Lab	Naphthalene	o-Xylene	sec-Butylbenzene	Styrene	tert-Butylbenzene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	trans-1,3-Dichloropropene	Trichloroethene	Trichlorofluoromethane	Vinyl chloride
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
J12-TP01-1-S	TP01	3/1/97	5	APCL	<0.0002	<0.0001	<0.0001	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002	<0.0002	<0.0004	<0.0002	<0.0002
J12-TP01-2-S	TP01	3/1/97	5	APCL	<0.0002	<0.0001	<0.0001	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002	<0.0002	<0.0004	<0.0002	<0.0002
J12-TP02-1-S	TP02	3/1/97	5	APCL	<0.0002	<0.0001	<0.0001	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002
J12-TP02-2-S	TP02	3/1/97	5	APCL	<0.0002	<0.0001	<0.0001	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002
J12-TP02-3-S	TP02	3/1/97	5	APCL	<0.0002	<0.0001	<0.0001	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002
J12-TP03-1-S	TP03	3/1/97	2	APCL	<0.0002	<0.0001	<0.0001	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002	<0.0002	<0.0004	<0.0002	<0.0002
J12-TP03-2-S	TP03	3/1/97	5	APCL	<0.0002	<0.0001	<0.0001	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002	<0.0002	<0.0004	<0.0002	<0.0002
J12-TP04-1-S	TP04	3/2/97	5	APCL	<0.0002	<0.0001	<0.0001	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002
J12-TP04-2-S	TP04	3/2/97	0	APCL	<0.0002	<0.0001	<0.0001	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002
J12-TP05-1-S	TP05	3/1/97	1.5	APCL	<0.0002	<0.0001	<0.0001	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002
J12-TP05-2-S	TP05	3/1/97	5	APCL	<0.0002	<0.0001	<0.0001	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002	<0.0002	<0.0004	<0.0002	<0.0002
J12-TR01-1-S	TR01	3/1/97	5	APCL	<0.0002	<0.0001	<0.0001	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002
J12-TR01-2-S	TR01	3/1/97	5	APCL	<0.0002	<0.0001	<0.0001	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002	<0.0002	<0.0004	<0.0002	<0.0002
J12-TR02-1-S	TR02	3/1/97	5	APCL	<0.0002	<0.0001	<0.0001	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002	<0.0002	<0.0004	<0.0002	<0.0002
J12-TR02-2-S	TR02	3/1/97	5	APCL	<0.0002	<0.0001	<0.0001	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002	<0.0002	<0.0004	<0.0002	<0.0002
J12-TR02-3-S	TR02	3/1/97	5	APCL	<0.0002	<0.0001	<0.0001	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002
J12-TR03-1-S	TR03	3/1/97	5	APCL	<0.0002	<0.0001	<0.0001	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002	<0.0002	<0.0004	<0.0002	<0.0002
J12-TR03-2-S	TR03	3/1/97	5	APCL	<0.0002	<0.0001	<0.0001	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002	<0.0002	<0.0004	<0.0002	<0.0002
J12-TR04-1-S	TR04	3/1/97	5	APCL	<0.0002	<0.0001	<0.0001	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002	<0.0002	<0.0004	<0.0002	<0.0002
J12-TR04-2-S	TR04	3/1/97	5	APCL	<0.0002	<0.0001	<0.0001	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002	<0.0002	<0.0004	<0.0002	<0.0002
J12-TR05-1-S	TR05	3/2/97	5	APCL	<0.0002 UJ	<0.0001	<0.0001	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002
J12-TR05-2-S	TR05	3/2/97	5	APCL	<0.0002 UJ	<0.0001	<0.0001	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002	<0.0002	<0.0004	<0.0002	<0.0002
J12-TR06-1-S	TR06	3/2/97	5	APCL	<0.0002 UJ	<0.0001	<0.0001	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002	<0.0002	<0.0004	<0.0002	<0.0002
J12-TR06-2-S	TR06	3/2/97	5	APCL	<0.0002 UJ	<0.0001	<0.0001	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002
J12-TR07-3-S	TR07	3/1/97	8	APCL	<0.0002 UJ	<0.0001	<0.0001	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002
J12-TR07-4-S	TR07	3/1/97	10	APCL	<0.0002 UJ	<0.0001	<0.0001	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002	<0.0002	<0.0004	<0.0002	<0.0002
J12-TR07-5-S	TR07	3/1/97	8	APCL	<0.0002 UJ	<0.0001	<0.0001	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002
J12-TR07-6-S	TR07	3/1/97	10	APCL	<0.0002 UJ	<0.0001	<0.0001	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002	<0.0002	<0.0004	<0.0002	<0.0002
Analyses					28	28	28	28	28	28	28	28	28	28	28	28
Detections					0	0	0	0	0	0	0	0	0	0	0	0

VOCs
Method 8260A (APCL)

Sample ID	Location ID	Sample Date	Depth (feet)	Lab	Naphthalene	o-Xylene	sec-Butylbenzene	Styrene	tert-Butylbenzene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	trans-1,3-Dichloropropene	Trichloroethene	Trichlorofluoromethane	Vinyl chloride
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Minimum Concentration					0	0	0	0	0	0	0	0	0	0	0	0
Maximum Concentration					0	0	0	0	0	0	0	0	0	0	0	0
HWAD - PCG					3200	160000	NE	NE	NE	15	16000	NE	NE	10	24000	24000
HWAD - PCG Hits					0	0	NE	NE	NE	0	0	NE	NE	0	0	0

Notes:
NA = Not analyzed.
NE = Not established.

SVOCs
Method 8270B (APCL)

Sample ID	Location ID	Sample Date	Depth (feet)	Lab	bis(2-Ethylhexyl)-phthalate	Butyl benzyl phthalate	Chrysene	Di-n-butyl phthalate	Di-n-octyl phthalate	Dibenz(a,h)anthracene	Dibenz(a,j)acridine	Dibenzofuran	Diethyl phthalate	Dimethyl phthalate	Diphenylamine	Ethyl methanesulfonate	Fluoranthene	Fluorene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
J12-TP01-1-S	TP01	3/1/97	5	APCL	<0.055	<0.019	<0.012	<0.021	<0.014	<0.056	<0.059	<0.017	<0.016	<0.012	<0.016	<0.052	<0.008	<0.015
J12-TP01-2-S	TP01	3/1/97	5	APCL	<0.054	<0.019	<0.011	<0.021	<0.014	<0.055	<0.058	<0.017	<0.016	<0.011	<0.016	<0.051	<0.008	<0.015
J12-TP02-1-S	TP02	3/1/97	5	APCL	<0.059	<0.02	0.016 J	<0.023	<0.015	<0.06	<0.064	<0.018	<0.017	<0.012	<0.017	<0.056	<0.01	<0.016
J12-TP02-2-S	TP02	3/1/97	5	APCL	<0.06	<0.021	<0.013	<0.023	<0.015	<0.061	<0.07	<0.018	<0.017	<0.013	<0.017	<0.057	<0.01	<0.016
J12-TP02-3-S	TP02	3/1/97	5	APCL	<0.059	<0.021	<0.013	<0.023	<0.015	<0.06	<0.064	<0.018	<0.017	<0.013	<0.017	<0.056	<0.01	<0.016
J12-TP03-1-S	TP03	3/1/97	2	APCL	<0.053	<0.018	<0.011	<0.02	<0.013	<0.054	<0.057	<0.016	<0.015	<0.011	<0.015	<0.05	<0.008	<0.014
J12-TP03-2-S	TP03	3/1/97	5	APCL	<0.055	<0.019	<0.012	<0.021	<0.014	<0.056	<0.06	<0.017	<0.016	<0.012	<0.016	<0.052	<0.01	<0.015
J12-TP04-1-S	TP04	3/2/97	5	APCL	<0.061	<0.021	<0.013	<0.023	<0.015	<0.062	<0.066	<0.019	<0.018	<0.013	<0.018	<0.057	<0.01	<0.016
J12-TP04-2-S	TP04	3/2/97	0	APCL	<0.061	<0.021	<0.013	<0.023	<0.015	<0.062	<0.066	<0.019	<0.018	<0.013	<0.018	<0.057	<0.01	<0.016
J12-TP05-1-S	TP05	3/1/97	1.5	APCL	<0.06	<0.021	<0.013	<0.023	<0.015	<0.061	<0.064	<0.018	<0.017	<0.013	<0.017	<0.056	<0.01	<0.016
J12-TP05-2-S	TP05	3/1/97	5	APCL	0.087 J	<0.019	<0.012	<0.021	<0.014	<0.056	<0.059	<0.017	<0.016	<0.012	<0.016	<0.052	<0.008	<0.015
J12-TR01-1-S	TR01	3/1/97	5	APCL	<0.06	<0.021	<0.013	<0.023	<0.015	<0.061	<0.07	<0.018	<0.017	<0.013	<0.017	<0.057	<0.01	<0.016
J12-TR01-2-S	TR01	3/1/97	5	APCL	<0.053	<0.018	<0.011	<0.021	<0.013	<0.054	<0.057	<0.016	<0.015	<0.011	<0.015	<0.05	<0.008	<0.014
J12-TR02-1-S	TR02	3/1/97	5	APCL	<0.057	<0.02	<0.012	<0.022	<0.014	<0.058	<0.061	<0.017	<0.016	<0.012	<0.016	<0.053	<0.01	<0.015
J12-TR02-2-S	TR02	3/1/97	5	APCL	<0.053	<0.018	<0.011	<0.02	<0.013	<0.054	<0.057	<0.016	<0.015	<0.011	<0.015	<0.05	<0.008	<0.014
J12-TR02-3-S	TR02	3/1/97	5	APCL	<0.06	<0.021	<0.013	<0.023	<0.015	<0.061	<0.07	<0.019	<0.017	<0.013	<0.017	<0.057	<0.01	<0.016
J12-TR03-1-S	TR03	3/1/97	5	APCL	<0.055	<0.019	<0.012	<0.021	<0.014	<0.056	<0.06	<0.017	<0.016	<0.012	<0.016	<0.052	<0.01	<0.015
J12-TR03-2-S	TR03	3/1/97	5	APCL	<0.054	<0.019	<0.011	<0.021	<0.013	<0.055	<0.058	<0.017	<0.016	<0.011	<0.016	<0.051	<0.008	<0.015
J12-TR04-1-S	TR04	3/1/97	5	APCL	<0.055	<0.019	<0.012	<0.021	<0.014	<0.056	<0.059	<0.017	<0.016	<0.012	<0.016	<0.051	<0.008	<0.015
J12-TR04-2-S	TR04	3/1/97	5	APCL	<0.053	<0.018	<0.011	<0.021	<0.013	<0.054	<0.057	<0.016	<0.015	<0.011	<0.015	<0.05	<0.008	<0.014
J12-TR05-1-S	TR05	3/2/97	5	APCL	<0.061	<0.021	<0.013	<0.024	<0.015	<0.063	<0.066	<0.019	<0.018	<0.013	<0.018	<0.058	<0.01	<0.017
J12-TR05-2-S	TR05	3/2/97	5	APCL	<0.052	<0.018	<0.011	<0.02	<0.013	<0.053	<0.056	<0.016	<0.015	<0.011	<0.015	<0.049	<0.008	<0.014
J12-TR06-1-S	TR06	3/2/97	5	APCL	<0.056	<0.02	<0.012	<0.022	<0.014	<0.057	<0.061	<0.017	<0.016	<0.012	<0.016	<0.053	<0.01	<0.015
J12-TR06-2-S	TR06	3/2/97	5	APCL	<0.061	<0.021	<0.013	<0.024	<0.015	<0.063	<0.066	<0.019	<0.018	<0.013	<0.018	<0.058	<0.01	<0.017
J12-TR07-3-S	TR07	3/1/97	8	APCL	<0.064	<0.022	<0.014	<0.025	<0.016	<0.066	<0.07	<0.02	<0.019	<0.014	<0.019	<0.061	<0.01	<0.017
J12-TR07-4-S	TR07	3/1/97	10	APCL	<0.058	<0.02	<0.012	<0.022	<0.014	<0.059	<0.062	<0.018	<0.017	<0.012	<0.017	<0.054	<0.01	<0.016
J12-TR07-5-S	TR07	3/1/97	8	APCL	<0.06	<0.021	<0.013	<0.023	<0.015	<0.061	<0.07	<0.018	<0.017	<0.013	<0.017	<0.057	<0.01	<0.016
J12-TR07-6-S	TR07	3/1/97	10	APCL	<0.055	<0.019	<0.012	<0.021	<0.014	<0.056	<0.059	<0.017	<0.016	<0.012	<0.016	<0.052	<0.008	<0.015

Sample ID	Location ID	Sample Date	Depth (feet)	Lab	bis(2-Ethylhexyl)-phthalate	Butyl benzyl phthalate	Chrysene	Di-n-butyl phthalate	Di-n-octyl phthalate	Dibenz(a,h)anthracene	Dibenz(a,j)acridine	Dibenzofuran	Diethyl phthalate	Dimethyl phthalate	Diphenylamine	Ethyl methanesulfonate	Fluoranthene	Fluorene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Analyses					28	28	28	28	28	28	28	28	28	28	28	28	28	28
Detections					1	0	1	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration					0.087	0	0.016	0	0	0	0	0	0	0	0	0	0	0
Maximum Concentration					0.087	0	0.016	0	0	0	0	0	0	0	0	0	0	0
HWAD - PCG					1600	16000	96	8000	NE	0.96	NE	NE	64000	NE	NE	NE	3200	3200
HWAD - PCG Hits					0	0	0	0	NE	0	NE	NE	0	NE	NE	NE	0	0

Notes:
NA = Not analyzed.
NE = Not established.

SVOCs
Method 8270B (APCL)

Sample ID	Location ID	Sample Date	Depth (feet)	Lab	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno(1,2,3-c,d)pyrene	Isophorone	Methyl methanesulfonate	N-Nitroso-di-n-butylamine	N-Nitroso-di-n-propylamine	N-Nitrosodimethylamine	4-Chloro-3-methylphenol	4-Chloroaniline	4-Chlorophenyl phenyl ether
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
J12-TP01-1-S	TP01	3/1/97	5	APCL	<0.011	<0.089	<0.15	<0.021	<0.007	<0.016	<0.017	<0.015	<0.047	<0.019	<0.017	<0.012	<0.013
J12-TP01-2-S	TP01	3/1/97	5	APCL	<0.01	<0.09	<0.15	<0.021	<0.007	<0.016	<0.017	<0.015	<0.047	<0.019	<0.017	<0.011	<0.013
J12-TP02-1-S	TP02	3/1/97	5	APCL	<0.011	<0.09	<0.16	<0.023	<0.008	<0.017	<0.018	<0.016	<0.051	<0.02	<0.018	<0.012	<0.014
J12-TP02-2-S	TP02	3/1/97	5	APCL	<0.012	<0.097	<0.16	<0.023	<0.008	<0.017	<0.018	<0.016	<0.052	<0.021	<0.018	<0.013	<0.014
J12-TP02-3-S	TP02	3/1/97	5	APCL	<0.011	<0.096	<0.16	<0.023	<0.008	<0.017	<0.018	<0.016	<0.051	<0.021	<0.018	<0.013	<0.014
J12-TP03-1-S	TP03	3/1/97	2	APCL	<0.01	<0.086	<0.14	<0.02	<0.007	<0.015	<0.016	<0.014	<0.046	<0.018	<0.016	<0.011	<0.012
J12-TP03-2-S	TP03	3/1/97	5	APCL	<0.011	<0.089	<0.15	<0.021	<0.007	<0.016	<0.017	<0.015	<0.048	<0.019	<0.017	<0.012	<0.013
J12-TP04-1-S	TP04	3/2/97	5	APCL	<0.012	<0.098	<0.16	<0.023	<0.008	<0.018	<0.019	<0.016	<0.053	<0.021	<0.019	<0.013	<0.014
J12-TP04-2-S	TP04	3/2/97	0	APCL	<0.012	<0.098	<0.16	<0.023	<0.008	<0.018	<0.019	<0.016	<0.053	<0.021	<0.019	<0.013	<0.014
J12-TP05-1-S	TP05	3/1/97	1.5	APCL	<0.011	<0.096	<0.16	<0.023	<0.008	<0.017	<0.018	<0.016	<0.052	<0.021	<0.018	<0.013	<0.014
J12-TP05-2-S	TP05	3/1/97	5	APCL	<0.011	<0.089	<0.15	<0.021	<0.007	<0.016	<0.017	<0.015	<0.048	<0.019	<0.017	<0.012	<0.013
J12-TR01-1-S	TR01	3/1/97	5	APCL	<0.012	<0.097	<0.16	<0.023	<0.008	<0.017	<0.018	<0.016	<0.052	<0.021	<0.018	<0.013	<0.014
J12-TR01-2-S	TR01	3/1/97	5	APCL	<0.01	<0.086	<0.14	<0.021	<0.007	<0.015	<0.016	<0.014	<0.046	<0.018	<0.016	<0.011	<0.012
J12-TR02-1-S	TR02	3/1/97	5	APCL	<0.011	<0.09	<0.15	<0.022	<0.008	<0.016	<0.017	<0.015	<0.049	<0.02	<0.017	<0.012	<0.013
J12-TR02-2-S	TR02	3/1/97	5	APCL	<0.01	<0.085	<0.14	<0.02	<0.007	<0.015	<0.016	<0.014	<0.046	<0.018	<0.016	<0.011	<0.012
J12-TR02-3-S	TR02	3/1/97	5	APCL	<0.012	<0.097	<0.16	<0.023	<0.008	<0.017	<0.019	<0.016	<0.052	<0.021	<0.019	<0.013	<0.014
J12-TR03-1-S	TR03	3/1/97	5	APCL	<0.011	<0.089	<0.15	<0.021	<0.007	<0.016	<0.017	<0.015	<0.048	<0.019	<0.017	<0.012	<0.013
J12-TR03-2-S	TR03	3/1/97	5	APCL	<0.01	<0.087	<0.15	<0.021	<0.007	<0.016	<0.017	<0.015	<0.047	<0.019	<0.017	<0.011	<0.012
J12-TR04-1-S	TR04	3/1/97	5	APCL	<0.01	<0.09	<0.15	<0.021	<0.007	<0.016	<0.017	<0.015	<0.047	<0.019	<0.017	<0.012	<0.013
J12-TR04-2-S	TR04	3/1/97	5	APCL	<0.01	<0.086	<0.14	<0.021	<0.007	<0.015	<0.016	<0.014	<0.046	<0.018	<0.016	<0.011	<0.012
J12-TR05-1-S	TR05	3/2/97	5	APCL	<0.012	<0.1	<0.17	<0.024	<0.008	<0.018	<0.019	<0.017	<0.053	<0.021	<0.019	<0.013	<0.014
J12-TR05-2-S	TR05	3/2/97	5	APCL	<0.01	<0.085	<0.14	<0.02	<0.007	<0.015	<0.016	<0.014	<0.045	<0.018	<0.016	<0.011	<0.012
J12-TR06-1-S	TR06	3/2/97	5	APCL	<0.011	<0.09	<0.15	<0.022	<0.008	<0.016	<0.017	<0.015	<0.049	<0.02	<0.017	<0.012	<0.013
J12-TR06-2-S	TR06	3/2/97	5	APCL	<0.012	<0.1	<0.17	<0.024	<0.008	<0.018	<0.019	<0.017	<0.053	<0.021	<0.019	<0.013	<0.014
J12-TR07-3-S	TR07	3/1/97	8	APCL	<0.012	<0.1	<0.17	<0.025	<0.009	<0.019	<0.02	<0.017	<0.056	<0.022	<0.02	<0.014	<0.015
J12-TR07-4-S	TR07	3/1/97	10	APCL	<0.011	<0.093	<0.16	<0.022	<0.008	<0.017	<0.018	<0.016	<0.05	<0.02	<0.018	<0.012	<0.013
J12-TR07-5-S	TR07	3/1/97	8	APCL	<0.012	<0.097	<0.16	<0.023	<0.008	<0.017	<0.018	<0.016	<0.052	<0.021	<0.018	<0.013	<0.014
J12-TR07-6-S	TR07	3/1/97	10	APCL	<0.011	<0.089	<0.15	<0.021	<0.007	<0.016	<0.017	<0.015	<0.048	<0.019	<0.017	<0.012	<0.013

SVOCs
Method 8270B (APCL)

Sample ID	Location ID	Sample Date	Depth (feet)	Lab	Hexachlorobenzene mg/kg	Hexachlorobutadiene mg/kg	Hexachlorocyclopentadiene mg/kg	Hexachloroethane mg/kg	Indeno(1,2,3-c,d)pyrene mg/kg	Isophorone mg/kg	Methyl methanesulfonate mg/kg	N-Nitroso-di-n-butylamine mg/kg	N-Nitroso-di-n-propylamine mg/kg	N-Nitrosodimethylamine mg/kg	4-Chloro-3-methylphenol mg/kg	4-Chloroaniline mg/kg	4-Chlorophenyl phenyl ether mg/kg
Analyses					28	28	28	28	28	28	28	28	28	28	28	28	28
Detections					0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration					0	0	0	0	0	0	0	0	0	0	0	0	0
Maximum Concentration					0	0	0	0	0	0	0	0	0	0	0	0	0
HWAD - PCG					NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
HWAD - PCG Hits					NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE

Notes:
NA = Not analyzed.
NE = Not established.

SVOCs
Method 8270B (APCL)

Sample ID	Location ID	Sample Date	Depth (feet)	Lab	4-Methylphenol	4-Nitroaniline	4-Nitrophenol	7,12-Dimethylbenz(a)anthracene	a,a-Dimethylphenethylamine	Acenaphthene	Acenaphthylene	Acetophenone	Aniline	Anthracene	Benzidine	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
J12-TP01-1-S	TP01	3/1/97	5	APCL	<0.02	<0.061	<0.071	<0.1	<0.047	<0.016	<0.017	<0.015	<0.051	<0.014	<0.017	<0.014	<0.008	<0.009
J12-TP01-2-S	TP01	3/1/97	5	APCL	<0.02	<0.06	<0.07	<0.1	<0.047	<0.016	<0.017	<0.015	<0.05	<0.014	<0.017	<0.014	<0.008	<0.009
J12-TP02-1-S	TP02	3/1/97	5	APCL	<0.022	<0.066	<0.08	<0.11	<0.051	<0.017	<0.018	<0.016	<0.054	<0.015	<0.018 UJ-	0.015 J	0.019 J	0.015 J
J12-TP02-2-S	TP02	3/1/97	5	APCL	<0.022	<0.067	<0.08	<0.11	<0.052	<0.017	<0.018	<0.016	<0.055	<0.015	<0.018 UJ-	<0.015	<0.009	<0.01
J12-TP02-3-S	TP02	3/1/97	5	APCL	<0.022	<0.066	<0.08	<0.11	<0.051	<0.017	<0.018	<0.016	<0.055	<0.015	<0.018	<0.015	<0.009	<0.01
J12-TP03-1-S	TP03	3/1/97	2	APCL	<0.019	<0.059	<0.068	<0.1	<0.046	<0.015	<0.016	<0.014	<0.049	<0.013	<0.016	<0.013	<0.008	<0.009
J12-TP03-2-S	TP03	3/1/97	5	APCL	<0.02	<0.062	<0.071	<0.1	<0.048	<0.016	<0.017	<0.015	<0.051	<0.014	<0.017 UJ-	<0.014	<0.009	<0.01
J12-TP04-1-S	TP04	3/2/97	5	APCL	<0.022	<0.068	<0.079	<0.11	<0.053	<0.018	<0.019	<0.016	<0.056	<0.015	<0.019	<0.015	<0.009	<0.011
J12-TP04-2-S	TP04	3/2/97	0	APCL	<0.022	<0.068	<0.078	<0.11	<0.053	<0.018	<0.019	<0.016	<0.056	<0.015	<0.019 UJ-	<0.015	<0.009	<0.011
J12-TP05-1-S	TP05	3/1/97	1.5	APCL	<0.022	<0.067	<0.08	<0.11	<0.052	<0.017	<0.018	<0.016	<0.055	<0.015	<0.018 UJ-	<0.015	<0.009	<0.01
J12-TP05-2-S	TP05	3/1/97	5	APCL	<0.02	<0.062	<0.071	<0.1	<0.048	<0.016	<0.017	<0.015	<0.051	<0.014	<0.017 UJ-	<0.014	0.01 J	<0.01
J12-TR01-1-S	TR01	3/1/97	5	APCL	<0.022	<0.067	<0.08	<0.11	<0.052	<0.017	<0.018	<0.016	<0.055	<0.015	<0.018	<0.015	<0.009	<0.01
J12-TR01-2-S	TR01	3/1/97	5	APCL	<0.019	<0.059	<0.08	<0.1	<0.046	<0.015	<0.016	<0.014	<0.049	<0.013	<0.016	<0.013	0.011 J	0.009 J
J12-TR02-1-S	TR02	3/1/97	5	APCL	<0.021	<0.063	<0.08	<0.11	<0.049	<0.016	<0.017	<0.015	<0.052	<0.014	<0.017	<0.014	<0.009	<0.01
J12-TR02-2-S	TR02	3/1/97	5	APCL	<0.019	<0.059	<0.068	<0.098	<0.046	<0.015	<0.016	<0.014	<0.049	<0.013	<0.016	<0.013	<0.008	<0.009
J12-TR02-3-S	TR02	3/1/97	5	APCL	<0.022	<0.067	<0.078	<0.11	<0.052	<0.017	<0.019	<0.016	<0.056	<0.015	<0.019	<0.015	<0.009	<0.01
J12-TR03-1-S	TR03	3/1/97	5	APCL	<0.02	<0.062	<0.071	<0.1	<0.048	<0.016	<0.017	<0.015	<0.051	<0.014	<0.017	<0.014	<0.009	<0.01
J12-TR03-2-S	TR03	3/1/97	5	APCL	<0.02	<0.06	<0.07	<0.1	<0.047	<0.016	<0.017	<0.015	<0.05	<0.013	<0.017	<0.013	<0.008	<0.009
J12-TR04-1-S	TR04	3/1/97	5	APCL	<0.02	<0.061	<0.07	<0.1	<0.047	<0.016	<0.017	<0.015	<0.05	<0.014	<0.017 UJ-	<0.014	0.013 J	0.011 J
J12-TR04-2-S	TR04	3/1/97	5	APCL	<0.02	<0.06	<0.07	<0.1	<0.046	<0.015	<0.016	<0.014	<0.049	<0.013	<0.016 UJ-	<0.013	<0.008	<0.009
J12-TR05-1-S	TR05	3/2/97	5	APCL	<0.022	<0.068	<0.079	<0.11	<0.053	<0.018	<0.019	<0.017	<0.057	<0.015	<0.019 UJ-	<0.015	<0.009	<0.011
J12-TR05-2-S	TR05	3/2/97	5	APCL	<0.019	<0.058	<0.068	<0.098	<0.045	<0.015	<0.016	<0.014	<0.048	<0.013	<0.016 UJ-	<0.013	<0.008	<0.009
J12-TR06-1-S	TR06	3/2/97	5	APCL	<0.021	<0.063	<0.08	<0.11	<0.049	<0.016	<0.017	<0.015	<0.052	<0.014	<0.017 UJ-	<0.014	<0.009	<0.01
J12-TR06-2-S	TR06	3/2/97	5	APCL	<0.022	<0.07	<0.079	<0.11	<0.053	<0.018	<0.019	<0.017	<0.057	<0.015	<0.019 UJ-	<0.015	<0.009	<0.011
J12-TR07-3-S	TR07	3/1/97	8	APCL	<0.023	<0.072	<0.083	<0.12	<0.056	<0.019	<0.02	<0.017	<0.059	<0.016	<0.02	<0.016	<0.01	<0.011
J12-TR07-4-S	TR07	3/1/97	10	APCL	<0.021	<0.064	<0.074	<0.11	<0.05	<0.017	<0.018	<0.016	<0.053	<0.014	<0.018 UJ-	<0.014	<0.009	<0.01
J12-TR07-5-S	TR07	3/1/97	8	APCL	<0.022	<0.067	<0.08	<0.11	<0.052	<0.017	<0.018	<0.016	<0.055	<0.015	<0.018 UJ-	<0.015	<0.009	<0.01
J12-TR07-6-S	TR07	3/1/97	10	APCL	<0.02	<0.062	<0.071	<0.1	<0.048	<0.016	<0.017	<0.015	<0.051	<0.014	<0.017 UJ-	<0.014	<0.008	<0.01

Sample ID	Location ID	Sample Date	Depth (feet)	Lab	4-Methylphenol	4-Nitroaniline	4-Nitrophenol	7,12-Dimethylbenz(a)anthracene	a,a-Dimethylphenethylamine	Acenaphthene	Acenaphthylene	Acetophenone	Aniline	Anthracene	Benzidine	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Analyses					28	28	28	28	28	28	28	28	28	28	28	28	28	28
Detections					0	0	0	0	0	0	0	0	0	0	0	1	4	3
Minimum Concentration					0	0	0	0	0	0	0	0	0	0	0	0.015	0.01	0.009
Maximum Concentration					0	0	0	0	0	0	0	0	0	0	0	0.015	0.019	0.015
HWAD - PCG					NE	NE	NE	NE	NE	4800	NE	NE	NE	24000	NE	0.96	0.1	0.96
HWAD - PCG Hits					NE	NE	NE	NE	NE	0	NE	NE	NE	0	NE	0	0	0

Notes:
NA = Not analyzed.
NE = Not established.

SVOCs
Method 8270B (APCL)

Sample ID	Location ID	Sample Date	Depth (feet)	Lab	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzoic acid	Benzyl alcohol	bis(2-Chloroethoxy) methane	bis(2-Chloroethyl) ether	bis(2-Chloroisopropyl)-ether	N-Nitrosodiphenylamine	N-Nitrosopiperidine	Naphthalene	Nitrobenzene	p-Dimethylaminoazobenzene	Pentachlorobenzene	Pentachloronitrobenzene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
J12-TP01-1-S	TP01	3/1/97	5	APCL	<0.008	<0.013	<0.11	<0.037	<0.022	<0.044	<0.064	<0.014	<0.02	<0.017	<0.015	<0.046	<0.016	<0.011
J12-TP01-2-S	TP01	3/1/97	5	APCL	<0.008	<0.013	<0.1	<0.036	<0.022	<0.044	<0.064	<0.014	<0.02	<0.017	<0.015	<0.046	<0.016	<0.01
J12-TP02-1-S	TP02	3/1/97	5	APCL	0.022 J-	0.024 J	<0.11	<0.04	<0.024	<0.048	<0.07	<0.015	<0.022	<0.018	<0.016	<0.05	<0.017	<0.011
J12-TP02-2-S	TP02	3/1/97	5	APCL	<0.009	<0.014	<0.12	<0.04	<0.024	<0.048	<0.07	<0.015	<0.022	<0.018	<0.016	<0.051	<0.017	<0.012
J12-TP02-3-S	TP02	3/1/97	5	APCL	<0.009	<0.014	<0.11	<0.04	<0.024	<0.048	<0.07	<0.015	<0.022	<0.018	<0.016	<0.05	<0.017	<0.011
J12-TP03-1-S	TP03	3/1/97	2	APCL	<0.008	<0.012	<0.1	<0.036	<0.021	<0.043	<0.062	<0.013	<0.019	<0.016	<0.014	<0.045	<0.015	<0.01
J12-TP03-2-S	TP03	3/1/97	5	APCL	<0.009	<0.013	<0.11	<0.037	<0.022	<0.045	<0.07	<0.014	<0.02	<0.017	<0.015	<0.047	<0.016	<0.011
J12-TP04-1-S	TP04	3/2/97	5	APCL	<0.009	<0.014	<0.12	<0.041	<0.025	<0.049	<0.072	<0.015	<0.022	<0.019	<0.016	<0.052	<0.018	<0.012
J12-TP04-2-S	TP04	3/2/97	0	APCL	<0.009	<0.014	<0.12	<0.041	<0.025	<0.049	<0.071	<0.015	<0.022	<0.019	<0.016	<0.052	<0.018	<0.012
J12-TP05-1-S	TP05	3/1/97	1.5	APCL	<0.009	<0.014	<0.11	<0.04	<0.024	<0.048	<0.07	<0.015	<0.022	<0.018	<0.016	<0.051	<0.017	<0.011
J12-TP05-2-S	TP05	3/1/97	5	APCL	<0.008	<0.013	<0.11	<0.037	<0.022	<0.045	<0.07	<0.014	<0.02	<0.017	<0.015	<0.047	<0.016	<0.011
J12-TR01-1-S	TR01	3/1/97	5	APCL	<0.009	<0.014	<0.12	<0.04	<0.024	<0.048	<0.07	<0.015	<0.022	<0.018	<0.016	<0.051	<0.017	<0.012
J12-TR01-2-S	TR01	3/1/97	5	APCL	<0.008	0.014 J	<0.1	<0.036	<0.022	<0.043	<0.063	<0.013	<0.019	<0.016	<0.014	<0.045	<0.015	<0.01
J12-TR02-1-S	TR02	3/1/97	5	APCL	<0.009	<0.013	<0.11	<0.038	<0.023	<0.046	<0.067	<0.014	<0.021	<0.017	<0.015	<0.048	<0.016	<0.011
J12-TR02-2-S	TR02	3/1/97	5	APCL	<0.008	<0.012	<0.1	<0.036	<0.021	<0.043	<0.062	<0.013	<0.019	<0.016	<0.014	<0.045	<0.015	<0.01
J12-TR02-3-S	TR02	3/1/97	5	APCL	<0.009	<0.014	<0.12	<0.041	<0.024	<0.049	<0.071	<0.015	<0.022	<0.019	<0.016	<0.051	<0.017	<0.012
J12-TR03-1-S	TR03	3/1/97	5	APCL	<0.009	<0.013	<0.11	<0.037	<0.022	<0.045	<0.07	<0.014	<0.02	<0.017	<0.015	<0.047	<0.016	<0.011
J12-TR03-2-S	TR03	3/1/97	5	APCL	<0.008	<0.012	<0.1	<0.036	<0.022	<0.044	<0.063	<0.013	<0.02	<0.017	<0.015	<0.046	<0.016	<0.01
J12-TR04-1-S	TR04	3/1/97	5	APCL	<0.008	0.016 J	<0.1	<0.037	<0.022	<0.044	<0.064	<0.014	<0.02	<0.017	<0.015	<0.046	<0.016	<0.01
J12-TR04-2-S	TR04	3/1/97	5	APCL	<0.008	<0.012	<0.1	<0.036	<0.022	<0.043	<0.063	<0.013	<0.02	<0.016	<0.014	<0.045	<0.015	<0.01
J12-TR05-1-S	TR05	3/2/97	5	APCL	<0.009	<0.014	<0.12	<0.041	<0.025	<0.05	<0.072	<0.015	<0.022	<0.019	<0.017	<0.052	<0.018	<0.012
J12-TR05-2-S	TR05	3/2/97	5	APCL	<0.008	<0.012	<0.1	<0.035	<0.021	<0.042	<0.061	<0.013	<0.019	<0.016	<0.014	<0.044	<0.015	<0.01
J12-TR06-1-S	TR06	3/2/97	5	APCL	<0.009	<0.013	<0.11	<0.038	<0.023	<0.046	<0.066	<0.014	<0.021	<0.017	<0.015	<0.048	<0.016	<0.011
J12-TR06-2-S	TR06	3/2/97	5	APCL	<0.009	<0.014	<0.12	<0.041	<0.025	<0.05	<0.072	<0.015	<0.022	<0.019	<0.017	<0.052	<0.018	<0.012
J12-TR07-3-S	TR07	3/1/97	8	APCL	<0.01	<0.015	<0.12	<0.043	<0.026	<0.052	<0.075	<0.016	<0.023	<0.02	<0.017	<0.054	<0.019	<0.012
J12-TR07-4-S	TR07	3/1/97	10	APCL	<0.009	<0.013	<0.11	<0.039	<0.023	<0.047	<0.068	<0.014	<0.021	<0.018	<0.016	<0.049	<0.017	<0.011
J12-TR07-5-S	TR07	3/1/97	8	APCL	<0.009	<0.014	<0.12	<0.04	<0.024	<0.048	<0.07	<0.015	<0.022	<0.018	<0.016	<0.051	<0.017	<0.012
J12-TR07-6-S	TR07	3/1/97	10	APCL	<0.008	<0.013	<0.11	<0.037	<0.022	<0.045	<0.07	<0.014	<0.02	<0.017	<0.015	<0.047	<0.016	<0.011

Sample ID	Location ID	Sample Date	Depth (feet)	Lab	Benzo(g,h,i)perylene mg/kg	Benzo(k)fluoranthene mg/kg	Benzoic acid mg/kg	Benzyl alcohol mg/kg	bis(2-Chloroethoxy) methane mg/kg	bis(2-Chloroethyl) ether mg/kg	bis(2-Chloroisopropyl)-ether mg/kg	N-Nitrosodiphenylamine mg/kg	N-Nitrosopiperidine mg/kg	Naphthalene mg/kg	Nitrobenzene mg/kg	p-Dimethylaminoazobenzene mg/kg	Pentachlorobenzene mg/kg	Pentachloronitrobenzene mg/kg
Analyses					28	28	28	28	28	28	28	28	28	28	28	28	28	28
Detections					1	3	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration					0.022	0.014	0	0	0	0	0	0	0	0	0	0	0	0
Maximum Concentration					0.022	0.024	0	0	0	0	0	0	0	0	0	0	0	0
HWAD - PCG					NE	10	NE	NE	NE	NE	3200	NE	NE	3200	40	NE	NE	NE
HWAD - PCG Hits					NE	0	NE	NE	NE	NE	0	NE	NE	0	0	NE	NE	NE

Notes:
NA = Not analyzed.
NE = Not established.

SVOCs
Method 8270B (APCL)

Sample ID	Location ID	Sample Date	Depth (feet)	Lab	Pentachlorophenol	Phenacetin	1,2,4,5-Tetrachlorobenzene	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,2-Diphenylhydrazine	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1-Chloronaphthalene	1-Naphthylamine	2,3,4,6-Tetrachlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
J12-TP01-1-S	TP01	3/1/97	5	APCL	<0.2	<0.014	<0.036	<0.014	<0.017	<0.017	<0.019	<0.012	<0.046	<0.13 UJ	<0.055	<0.018	<0.021
J12-TP01-2-S	TP01	3/1/97	5	APCL	<0.2	<0.014	<0.035	<0.014	<0.017	<0.017	<0.019	<0.011	<0.046	<0.13 UJ	<0.054	<0.018	<0.021
J12-TP02-1-S	TP02	3/1/97	5	APCL	<0.22	<0.015	<0.039	<0.015	<0.018	<0.018	<0.02	<0.012	<0.05	<0.14 UJ	<0.059	<0.019	<0.023
J12-TP02-2-S	TP02	3/1/97	5	APCL	<0.22	<0.015	<0.039	<0.015	<0.018	<0.018	<0.021	<0.013	<0.051	<0.14 UJ	<0.06	<0.02	<0.023
J12-TP02-3-S	TP02	3/1/97	5	APCL	<0.22	<0.015	<0.039	<0.015	<0.018	<0.018	<0.021	<0.013	<0.05	<0.14 UJ	<0.059	<0.019	<0.023
J12-TP03-1-S	TP03	3/1/97	2	APCL	<0.19	<0.013	<0.035	<0.013	<0.016	<0.016	<0.018	<0.011	<0.045	<0.12 UJ	<0.053	<0.017	<0.02
J12-TP03-2-S	TP03	3/1/97	5	APCL	<0.2	<0.014	<0.036	<0.014	<0.017	<0.017	<0.019	<0.012	<0.047	<0.13 UJ	<0.055	<0.018	<0.021
J12-TP04-1-S	TP04	3/2/97	5	APCL	<0.22	<0.015	<0.04	<0.015	<0.019	<0.019	<0.021	<0.013	<0.052	<0.14 UJ	<0.061	<0.02	<0.023
J12-TP04-2-S	TP04	3/2/97	0	APCL	<0.22	<0.015	<0.04	<0.015	<0.019	<0.019	<0.021	<0.013	<0.052	<0.14 UJ	<0.061	<0.02	<0.023
J12-TP05-1-S	TP05	3/1/97	1.5	APCL	<0.22	<0.015	<0.039	<0.015	<0.018	<0.018	<0.021	<0.013	<0.051	<0.14 UJ	<0.06	<0.02	<0.023
J12-TP05-2-S	TP05	3/1/97	5	APCL	<0.2	<0.014	<0.036	<0.014	<0.017	<0.017	<0.019	<0.012	<0.047	<0.13 UJ	<0.055	<0.018	<0.021
J12-TR01-1-S	TR01	3/1/97	5	APCL	<0.22	<0.015	<0.039	<0.015	<0.018	<0.018	<0.021	<0.013	<0.051	<0.14 UJ	<0.06	<0.02	<0.023
J12-TR01-2-S	TR01	3/1/97	5	APCL	<0.19	<0.013	<0.035	<0.013	<0.016	<0.016	<0.018	<0.011	<0.045	<0.12 UJ	<0.053	<0.017	<0.021
J12-TR02-1-S	TR02	3/1/97	5	APCL	<0.21	<0.014	<0.037	<0.014	<0.017	<0.017	<0.02	<0.012	<0.048	<0.13 UJ	<0.057	<0.019	<0.022
J12-TR02-2-S	TR02	3/1/97	5	APCL	<0.19	<0.013	<0.035	<0.013	<0.016	<0.016	<0.018	<0.011	<0.045	<0.12 UJ	<0.053	<0.017	<0.02
J12-TR02-3-S	TR02	3/1/97	5	APCL	<0.22	<0.015	<0.039	<0.015	<0.019	<0.019	<0.021	<0.013	<0.051	<0.14 UJ	<0.06	<0.02	<0.023
J12-TR03-1-S	TR03	3/1/97	5	APCL	<0.2	<0.014	<0.036	<0.014	<0.017	<0.017	<0.019	<0.012	<0.047	<0.13 UJ	<0.055	<0.018	<0.021
J12-TR03-2-S	TR03	3/1/97	5	APCL	<0.2	<0.013	<0.035	<0.013	<0.017	<0.017	<0.019	<0.011	<0.046	<0.12 UJ	<0.054	<0.018	<0.021
J12-TR04-1-S	TR04	3/1/97	5	APCL	<0.2	<0.014	<0.036	<0.014	<0.017	<0.017	<0.019	<0.012	<0.046	<0.13 UJ	<0.055	<0.018	<0.021
J12-TR04-2-S	TR04	3/1/97	5	APCL	<0.2	<0.013	<0.035	<0.013	<0.016	<0.016	<0.018	<0.011	<0.045	<0.12 UJ	<0.053	<0.017	<0.021
J12-TR05-1-S	TR05	3/2/97	5	APCL	<0.22	<0.015	<0.04	<0.015	<0.019	<0.019	<0.021	<0.013	<0.052	<0.14 UJ	<0.061	<0.02	<0.024
J12-TR05-2-S	TR05	3/2/97	5	APCL	<0.19	<0.013	<0.034	<0.013	<0.016	<0.016	<0.018	<0.011	<0.044	<0.12 UJ	<0.052	<0.017	<0.02
J12-TR06-1-S	TR06	3/2/97	5	APCL	<0.21	<0.014	<0.037	<0.014	<0.017	<0.017	<0.02	<0.012	<0.048	<0.13 UJ	<0.056	<0.018	<0.022
J12-TR06-2-S	TR06	3/2/97	5	APCL	<0.22	<0.015	<0.04	<0.015	<0.019	<0.019	<0.021	<0.013	<0.052	<0.14 UJ	<0.061	<0.02	<0.024
J12-TR07-3-S	TR07	3/1/97	8	APCL	<0.23	<0.016	<0.042	<0.016	<0.02	<0.02	<0.022	<0.014	<0.054	<0.15 UJ	<0.064	<0.021	<0.025
J12-TR07-4-S	TR07	3/1/97	10	APCL	<0.21	<0.014	<0.038	<0.014	<0.018	<0.018	<0.02	<0.012	<0.049	<0.13 UJ	<0.058	<0.019	<0.022
J12-TR07-5-S	TR07	3/1/97	8	APCL	<0.22	<0.015	<0.039	<0.015	<0.018	<0.018	<0.021	<0.013	<0.051	<0.14 UJ	<0.06	<0.02	<0.023
J12-TR07-6-S	TR07	3/1/97	10	APCL	<0.2	<0.014	<0.036	<0.014	<0.017	<0.017	<0.019	<0.012	<0.047	<0.13 UJ	<0.055	<0.018	<0.021

Sample ID	Location ID	Sample Date	Depth (feet)	Lab	Pentachlorophenol	Phenacetin	1,2,4,5-Tetrachlorobenzene	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,2-Diphenylhydrazine	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1-Chloronaphthalene	1-Naphthylamine	2,3,4,6-Tetrachlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Analyses					28	28	28	28	28	28	28	28	28	28	28	28	28
Detections					0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration					0	0	0	0	0	0	0	0	0	0	0	0	0
Maximum Concentration					0	0	0	0	0	0	0	0	0	0	0	0	0
HWAD - PCG					NE	NE	NE	NE	7200	NE	NE	150	NE	NE	NE	NE	NE
HWAD - PCG Hits					NE	NE	NE	NE	0	NE	NE	0	NE	NE	NE	NE	NE

Notes:
NA = Not analyzed.
NE = Not established.

SVOCs
Method 8270B (APCL)

Sample ID	Location ID	Sample Date	Depth (feet)	Lab	2,4-Dichlorophenol	2,4-Dimethylphenol	2,4-Dinitrophenol	2,4-Dinitrotoluene	2,6-Dichlorophenol	2,6-Dinitrotoluene	2-Chloronaphthalene	2-Chlorophenol	2-Methylnaphthalene	2-Methylphenol (o-Cresol)	2-Naphthylamine	2-Nitroaniline	2-Nitrophenol	2-Picoline
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
J12-TP01-1-S	TP01	3/1/97	5	APCL	<0.014	<0.027	<0.16 UJ	<0.013	NA	<0.019	<0.024	<0.015	<0.017	<0.018	<0.082 UJ	<0.014	<0.018	<0.018
J12-TP01-2-S	TP01	3/1/97	5	APCL	<0.014	<0.027	<0.16 UJ	<0.013	NA	<0.019	<0.024	<0.015	<0.017	<0.018	<0.081 UJ	<0.014	<0.018	<0.018
J12-TP02-1-S	TP02	3/1/97	5	APCL	<0.015	<0.03	<0.17 UJ	<0.014	NA	<0.02	<0.026	<0.016	<0.018	<0.019	<0.089 UJ	<0.015	<0.019	<0.019
J12-TP02-2-S	TP02	3/1/97	5	APCL	<0.015	<0.03	<0.17 UJ	<0.014	NA	<0.021	<0.027	<0.016	<0.018	<0.02	<0.09 UJ	<0.015	<0.02	<0.02
J12-TP02-3-S	TP02	3/1/97	5	APCL	<0.015	<0.03	<0.17 UJ	<0.014	NA	<0.021	<0.026	<0.016	<0.018	<0.019	<0.089 UJ	<0.015	<0.019	<0.019
J12-TP03-1-S	TP03	3/1/97	2	APCL	<0.013	<0.027	<0.15 UJ	<0.012	NA	<0.018	<0.023	<0.014	<0.016	<0.017	<0.08 UJ	<0.013	<0.017	<0.017
J12-TP03-2-S	TP03	3/1/97	5	APCL	<0.014	<0.028	<0.16 UJ	<0.013	NA	<0.019	<0.024	<0.015	<0.017	<0.018	<0.083 UJ	<0.014	<0.018	<0.018
J12-TP04-1-S	TP04	3/2/97	5	APCL	<0.015	<0.03	<0.18 UJ	<0.014	NA	<0.021	<0.027	<0.016	<0.019	<0.02	<0.09 UJ	<0.015	<0.02	<0.02
J12-TP04-2-S	TP04	3/2/97	0	APCL	<0.015	<0.03	<0.18 UJ	<0.014	NA	<0.021	<0.027	<0.016	<0.019	<0.02	<0.09 UJ	<0.015	<0.02	<0.02
J12-TP05-1-S	TP05	3/1/97	1.5	APCL	<0.015	<0.03	<0.17 UJ	<0.014	NA	<0.021	<0.026	<0.016	<0.018	<0.02	<0.09 UJ	<0.015	<0.02	<0.02
J12-TP05-2-S	TP05	3/1/97	5	APCL	<0.014	<0.028	<0.16 UJ	<0.013	NA	<0.019	<0.024	<0.015	<0.017	<0.018	<0.083 UJ	<0.014	<0.018	<0.018
J12-TR01-1-S	TR01	3/1/97	5	APCL	<0.015	<0.03	<0.17 UJ	<0.014	NA	<0.021	<0.027	<0.016	<0.018	<0.02	<0.09 UJ	<0.015	<0.02	<0.02
J12-TR01-2-S	TR01	3/1/97	5	APCL	<0.013	<0.027	<0.15 UJ	<0.012	NA	<0.018	<0.024	<0.014	<0.016	<0.017	<0.08 UJ	<0.013	<0.017	<0.017
J12-TR02-1-S	TR02	3/1/97	5	APCL	<0.014	<0.028	<0.16 UJ	<0.013	NA	<0.02	<0.025	<0.015	<0.017	<0.019	<0.085 UJ	<0.014	<0.019	<0.019
J12-TR02-2-S	TR02	3/1/97	5	APCL	<0.013	<0.026	<0.15 UJ	<0.012	NA	<0.018	<0.023	<0.014	<0.016	<0.017	<0.079	<0.013	<0.017	<0.017
J12-TR02-3-S	TR02	3/1/97	5	APCL	<0.015	<0.03	<0.17 UJ	<0.014	NA	<0.021	<0.027	<0.016	<0.019	<0.02	<0.09 UJ	<0.015	<0.02	<0.02
J12-TR03-1-S	TR03	3/1/97	5	APCL	<0.014	<0.028	<0.16 UJ	<0.013	NA	<0.019	<0.024	<0.015	<0.017	<0.018	<0.083 UJ	<0.014	<0.018	<0.018
J12-TR03-2-S	TR03	3/1/97	5	APCL	<0.013	<0.027	<0.16 UJ	<0.012	NA	<0.019	<0.024	<0.015	<0.017	<0.018	<0.081 UJ	<0.013	<0.018	<0.018
J12-TR04-1-S	TR04	3/1/97	5	APCL	<0.014	<0.027	<0.16 UJ	<0.013	NA	<0.019	<0.024	<0.015	<0.017	<0.018	<0.082 UJ	<0.014	<0.018	<0.018
J12-TR04-2-S	TR04	3/1/97	5	APCL	<0.013	<0.027	<0.15 UJ	<0.012	NA	<0.018	<0.024	<0.014	<0.016	<0.017	<0.08 UJ	<0.013	<0.017	<0.017
J12-TR05-1-S	TR05	3/2/97	5	APCL	<0.015	<0.031	<0.18 UJ	<0.014	NA	<0.021	<0.027	<0.017	<0.019	<0.02	<0.09 UJ	<0.015	<0.02	<0.02
J12-TR05-2-S	TR05	3/2/97	5	APCL	<0.013	<0.026	<0.15 UJ	<0.012	NA	<0.018	<0.023	<0.014	<0.016	<0.017	<0.079 UJ	<0.013	<0.017	<0.017
J12-TR06-1-S	TR06	3/2/97	5	APCL	<0.014	<0.028	<0.16 UJ	<0.013	NA	<0.02	<0.025	<0.015	<0.017	<0.018	<0.085 UJ	<0.014	<0.018	<0.018
J12-TR06-2-S	TR06	3/2/97	5	APCL	<0.015	<0.031	<0.18 UJ	<0.014	NA	<0.021	<0.027	<0.017	<0.019	<0.02	<0.09 UJ	<0.015	<0.02	<0.02
J12-TR07-3-S	TR07	3/1/97	8	APCL	<0.016	<0.032	<0.19 UJ	<0.015	NA	<0.022	<0.028	<0.017	<0.02	<0.021	<0.096 UJ	<0.016	<0.021	<0.021
J12-TR07-4-S	TR07	3/1/97	10	APCL	<0.014	<0.029	<0.17 UJ	<0.013	NA	<0.02	<0.025	<0.016	<0.018	<0.019	<0.086 UJ	<0.014	<0.019	<0.019
J12-TR07-5-S	TR07	3/1/97	8	APCL	<0.015	<0.03	<0.17 UJ	<0.014	NA	<0.021	<0.027	<0.016	<0.018	<0.02	<0.09 UJ	<0.015	<0.02	<0.02
J12-TR07-6-S	TR07	3/1/97	10	APCL	<0.014	<0.028	<0.16 UJ	<0.013	NA	<0.019	<0.024	<0.015	<0.017	<0.018	<0.083 UJ	<0.014	<0.018	<0.018

Sample ID	Location ID	Sample Date	Depth (feet)	Lab	2,4-Dichlorophenol	2,4-Dimethylphenol	2,4-Dinitrophenol	2,4-Dinitrotoluene	2,6-Dichlorophenol	2,6-Dinitrotoluene	2-Chloronaphthalene	2-Chlorophenol	2-Methylnaphthalene	2-Methylphenol (o-Cresol)	2-Naphthylamine	2-Nitroaniline	2-Nitrophenol	2-Picoline
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Analyses					28	28	28	28	0	28	28	28	28	28	28	28	28	28
Detections					0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration					0	0	0	0	0	0	0	0	0	0	0	0	0	0
Maximum Concentration					0	0	0	0	0	0	0	0	0	0	0	0	0	0
HWAD - PCG					NE	NE	NE	2.6	NE	80	NE	NE	NE	NE	NE	NE	NE	NE
HWAD - PCG Hits					NE	NE	NE	0	NE	0	NE	NE	NE	NE	NE	NE	NE	NE

Notes:
NA = Not analyzed.
NE = Not established.

SVOCs
Method 8270B (APCL)

Sample ID	Location ID	Sample Date	Depth (feet)	Lab	3,3-Dichlorobenzidine	3-Methylcholanthrene	3-Nitroaniline	3/4-Methylphenol (m/p-Cresol)	4,6-Dinitrophenol-o-cresol	4-Aminobiphenyl	4-Bromophenyl phenyl ether	Phenanthrene	Phenol	Pronamide	Pyrene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
J12-TP01-1-S	TP01	3/1/97	5	APCL	<0.009	NA	<0.017	NA	<0.071	<0.052	<0.012	<0.015	<0.013	<0.045	<0.014
J12-TP01-2-S	TP01	3/1/97	5	APCL	<0.009	NA	<0.017	NA	<0.07	<0.051	<0.011	<0.015	<0.013	<0.045	<0.014
J12-TP02-1-S	TP02	3/1/97	5	APCL	<0.01	NA	<0.018	NA	<0.08	<0.056	<0.012	<0.016	<0.014	<0.049	<0.015
J12-TP02-2-S	TP02	3/1/97	5	APCL	<0.01	NA	<0.018	NA	<0.08	<0.057	<0.013	<0.016	<0.014	<0.05	<0.015
J12-TP02-3-S	TP02	3/1/97	5	APCL	<0.01	NA	<0.018	NA	<0.08	<0.056	<0.013	<0.016	<0.014	<0.049	<0.015
J12-TP03-1-S	TP03	3/1/97	2	APCL	<0.009	NA	<0.016	NA	<0.068	<0.05	<0.011	<0.014	<0.012	<0.044	<0.013
J12-TP03-2-S	TP03	3/1/97	5	APCL	<0.01	NA	<0.017	NA	<0.071	<0.052	<0.012	<0.015	<0.013	<0.046	<0.014
J12-TP04-1-S	TP04	3/2/97	5	APCL	<0.011	NA	<0.019	NA	<0.079	<0.057	<0.013	<0.016	<0.014	<0.05	<0.015
J12-TP04-2-S	TP04	3/2/97	0	APCL	<0.011	NA	<0.019	NA	<0.078	<0.057 UJ-	<0.013	<0.016	<0.014	<0.05	<0.015
J12-TP05-1-S	TP05	3/1/97	1.5	APCL	<0.01	NA	<0.018	NA	<0.08	<0.056	<0.013	<0.016	<0.014	<0.049	<0.015
J12-TP05-2-S	TP05	3/1/97	5	APCL	<0.01	NA	<0.017	NA	<0.071	<0.052	<0.012	<0.015	<0.013	<0.046	<0.014
J12-TR01-1-S	TR01	3/1/97	5	APCL	<0.01	NA	<0.018	NA	<0.08	<0.057	<0.013	<0.016	<0.014	<0.05	<0.015
J12-TR01-2-S	TR01	3/1/97	5	APCL	<0.009	NA	<0.016	NA	<0.07	<0.05	<0.011	<0.014	<0.012	<0.044	<0.013
J12-TR02-1-S	TR02	3/1/97	5	APCL	<0.01	NA	<0.017	NA	<0.07	<0.053	<0.012	<0.015	<0.013	<0.047	<0.014
J12-TR02-2-S	TR02	3/1/97	5	APCL	<0.009	NA	<0.016	NA	<0.068	<0.05	<0.011	<0.014	<0.012	<0.044	<0.013
J12-TR02-3-S	TR02	3/1/97	5	APCL	<0.01	NA	<0.019	NA	<0.078	<0.057	<0.013	<0.016	<0.014	<0.05	<0.015
J12-TR03-1-S	TR03	3/1/97	5	APCL	<0.01	NA	<0.017	NA	<0.071	<0.052	<0.012	<0.015	<0.013	<0.046	<0.014
J12-TR03-2-S	TR03	3/1/97	5	APCL	<0.009	NA	<0.017	NA	<0.07	<0.051	<0.011	<0.015	<0.012	<0.045	<0.013
J12-TR04-1-S	TR04	3/1/97	5	APCL	<0.009	NA	<0.017	NA	<0.07	<0.051 UJ-	<0.012	<0.015	<0.013	<0.045	<0.014
J12-TR04-2-S	TR04	3/1/97	5	APCL	<0.009	NA	<0.016	NA	<0.07	<0.05 UJ-	<0.011	<0.014	<0.012	<0.044	<0.013
J12-TR05-1-S	TR05	3/2/97	5	APCL	<0.011	NA	<0.019	NA	<0.079	<0.058 UJ-	<0.013	<0.017	<0.014	<0.051	<0.015
J12-TR05-2-S	TR05	3/2/97	5	APCL	<0.009	NA	<0.016	NA	<0.068	<0.049 UJ-	<0.011	<0.014	<0.012	<0.043	<0.013
J12-TR06-1-S	TR06	3/2/97	5	APCL	<0.01	NA	<0.017	NA	<0.07	<0.053 UJ-	<0.012	<0.015	<0.013	<0.047	<0.014
J12-TR06-2-S	TR06	3/2/97	5	APCL	<0.011	NA	<0.019	NA	<0.079	<0.058 UJ-	<0.013	<0.017	<0.014	<0.051	<0.015
J12-TR07-3-S	TR07	3/1/97	8	APCL	<0.011	NA	<0.02	NA	<0.083	<0.061 UJ-	<0.014	<0.017	<0.015	<0.053	<0.016
J12-TR07-4-S	TR07	3/1/97	10	APCL	<0.01	NA	<0.018	NA	<0.074	<0.054 UJ-	<0.012	<0.016	<0.013	<0.048	<0.014
J12-TR07-5-S	TR07	3/1/97	8	APCL	<0.01	NA	<0.018	NA	<0.08	<0.057 UJ-	<0.013	<0.016	<0.014	<0.05	<0.015
J12-TR07-6-S	TR07	3/1/97	10	APCL	<0.01	NA	<0.017	NA	<0.071	<0.052 UJ-	<0.012	<0.015	<0.013	<0.046	<0.014

Sample ID	Location ID	Sample Date	Depth (feet)	Lab	3,3-Dichlorobenzidine	3-Methylcholanthrene	3-Nitroaniline	3/4-Methylphenol (m/p-Cresol)	4,6-Dinitrophenol-o-cresol	4-Aminobiphenyl	4-Bromophenyl phenyl ether	Phenanthrene	Phenol	Pronamide	Pyrene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Analyses					28	0	28	0	28	28	28	28	28	28	28
Detections					0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration					0	0	0	0	0	0	0	0	0	0	0
Maximum Concentration					0	0	0	0	0	0	0	0	0	0	0
HWAD - PCG					NE	NE	NE	NE	NE	NE	NE	NE	48000	NE	2400
HWAD - PCG Hits					NE	NE	NE	NE	NE	NE	NE	NE	0	NE	0

Notes:
NA = Not analyzed.
NE = Not established.

Appendix D

J-12, View to southwest from west rim of active landfill pit, showing cleared ground surface. #R3-P36, 11/3/93

J-12, View to east from ground level, showing gravelly surface of cleared area. #R3-P37, 11/3/93

November 1999