US Army Corps of Engineers Sacramento District
Hawthorne Army Depot
Hawthorne, Nevada

Decision Document
Solid Waste Management Unit I11
Building 49-9 Pit/Landfill

June 2001

TETRA TECH
180 Howard Street, Suite 250
San Francisco, CA 94105

Decision Document SWMU I11
October 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.

US Army

26 NOV 2001

Anne L. Davis
Lieutenant Colonel, US Army
Commanding

State of Nevada

30 NOV 2001

Paul Liebendorfer
Chief, Bureau of Federal Facilities

Decision Document

Closure of
Solid Waste Management Unit I11
Hawthorne Army Depot
Hawthorne, Nevada

1.0 INTRODUCTION

This decision document describes the rationale for the proposed closure of solid waste management unit (SWMU) I11, Building 49-9 Pit/Landfill at the Hawthorne Army Depot (HWAD), Hawthorne, Nevada. This SWMU is a former landfill pit where paint and paint products were disposed of from operations at the adjacent Group 49 buildings. Tetra Tech, Inc. (Tt) prepared this document with the help of the US Army Corps of Engineers, Sacramento District (USACE) and HWAD for the Nevada Department of Environmental Protection (NDEP), the lead regulatory agency for environmental issues at HWAD.

Tt performed remedial investigations and groundwater monitoring at HWAD from 1993 through 1997, primarily at SWMUs designated by the Army and the NDEP. 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 investigations was to assess the environmental impacts, to report the findings, to present conclusions, and to recommend remediation, if necessary. In addition, Tt performed interim remedial actions at this SWMU in 2000 to remove the most affected surface soils that posed the greatest risk to potential receptors.

With guidance from the NDEP, Tt established basewide proposed closure goals (PCGs) for soil as acceptable levels so that we could recommend SWMU closure and to assist in directing the investigative efforts toward those SWMUs where the target analytes were of greatest concern. Also, we established HWAD-specific groundwater action levels as acceptable concentrations to determine if further action would be required for analytes of concern in the groundwater. We used these PCGs and action levels to guide the investigations and remedial actions and to compare them with the detected analytes in this report (see Appendix A).

2.0 SITE HISTORY

SWMU I11 is in the southern part of HWAD's central magazine area in the Building 49 group, approximately 4,000 feet north of US Highway 95 and west of Corey Road (Figure 1-1). This SWMU is the site of an inactive, unlined disposal pit at the top of a hill, approximately 150 feet east of the loading dock at the south end of Building 49-9, and it is accessible by a dirt road along its west side (Figure 1-2). The pit is approximately 40 feet long by 15 feet wide by approximately four feet deep in the center. The pit reportedly was used for disposing of wastes from operations at the adjacent Group 40 buildings, such as Building 49-9 and Building 49-10. These wastes were primarily paint and paint products that would have included metals, volatile organic compounds (VOCs), and semivolatile organic compounds (SVOCs).

The USACE, HWAD, and the NDEP agreed to define the boundaries of each SWMU using annotated monuments and survey pins. As part of our field investigation, Tt surveyed SWMU I11 and constructed a survey monument. A brass survey pin on the monument designates it as HWAAP-47-1996 and includes the SWMU number I11. Two corner pins were set and surveyed to define the SWMU boundary, with the monument as the northwest corner. The location of these corner markers and the SWMU boundary are shown on Figure 3-1a. Survey data is presented in Appendix B.

During Tt's 2000 annual groundwater monitoring (Tt 2001), we measured the depth to groundwater at approximately 180 feet below ground surface (bgs) in monitoring wells IRPMW49 and IRPMW50. These wells are approximately 1,000 feet north (downgradient) of SWMU I11 in an area of relatively flat groundwater gradient; therefore, the groundwater beneath this SWMU is at a depth of approximately 180 feet bgs.

3.0 SITE CONDITIONS

SWMU I11 consists of an unlined disposal pit that may contain chemicals of environmental concern, as classified by NDEP (USACE 1993). Our site inspection in 1993 revealed about 100 paint cans and a few paint thinner or solvent containers within the pit (Tt 1993). Most of these containers appeared to be empty, except for some dried residual contents. Resource Applications, Inc. (RAI 1992) also noted paint cans with dried residual contents during a site inspection in 1992.

Based on the past uses of the pit and on observations made during the previous inspections, the target analytes at this SWMU are known to be metals, VOCs, and SVOCs.

4.0 INVESTIGATIONS

Tt's investigations at SWMI I11 included a vertical magnetic gradient (MAG) survey and an electromagnetic terrain conductivity (EMAG) survey. We conducted these geophysical surveys simultaneously on a 10-foot by 10-foot grid over an 80-foot wide by 140-foot long area where the disposal pit was located. The MAG and EMAG surveys are sensitive to surface metal debris that would interfere with detecting subsurface anomalies. To conduct these surveys, the metal paint and solvent containers in the disposal pit needed to be removed. Tt removed and properly disposed of these cans as nonhazardous waste into the HWAD landfill under the direction of the DZHC environmental operations manager.

During Tt's 1994 remedial investigation of SWMU I11, Target Environmental Services, Inc. (TES) conducted a soil gas survey to screen for VOCs in the near-surface soils. The intent of the soil gas survey was to assess if any areas within the SWMU contained high concentrations of VOCs in the soil gas. This could indicate areas where solvent wastes were disposed of and could direct the soil sampling activities toward the areas of greatest impact from the target analytes. Ten vapor-monitoring probes were installed at SWMU I11 to depths of five feet bgs to collect the soil gas samples. After the probes were installed, ten soil gas samples were collected and analyzed by TES's laboratory in Columbia, Maryland, using United States Environmental Protection Agency (USEPA) methods 8010M and 8020M.

Both surface soil samples I11-SS01-1-S and I11-SS02-1-S were collected near the lip of the disposal pit at SWMU I11 during Tt's 1994 remedial investigation, on the northeast and southwest side of the pit, respectively. These two soil samples were collected at depths of approximately six to 12 inches bgs.

Two sample borings were drilled to total depths of approximately 30 feet bgs each at the boring locations SB01 and SB02 using the cone penetrometer test (CPT) sampling technique. Nine subsurface soil samples, including three collocated duplicate samples, were collected from these borings. The soil sample intervals were selected from these borings based on the fine-grained intervals identified on the sounding log from boring SB01. Soil samples were collected at depths of 10, 20, and 30 feet bgs from boring SB01 and at 10.25, 20.25, and 30.25 feet bgs from boring SB02.

One trench, TR01, was excavated at SWMU I11 to identify and characterize the geophysical anomaly in the disposal pit, to delineate the former pit's boundaries, to characterize the disposal pit contents, and to collect soil samples from within or adjacent to the disposed of debris to assess if target analytes had been released at this SWMU. This trench was 20 feet long and 10 feet deep. The trench contained numerous metal paint and solvent containers that likely caused the geophysical anomaly and were the only type of waste found to have been disposed of in the pit. Five soil samples were collected from trench TR01 at depths from 2.5 to eight feet bgs, including I11-TR01-5-S, collected as a collocated sample to soil sample I11-TR01-3-1. All of these soil samples were analyzed for lead, VOCs, SVOCs, and pH.

Based on the regional groundwater gradient direction at SWMU I11, monitoring wells IRPMW49 and IRPMW50 are located to characterize the groundwater quality downgradient of this SWMU, and monitoring wells IRPMW51 and IRPMW52 are located crossgradient of this SWMU.

5.0 INVESTIGATION RESULTS

Tt found three MAG anomalies and four EMAG anomalies at SWMU I11. Two MAG anomalies, located at the north and south ends of the pit, and one EMAG anomaly in the center of the pit, were thought to indicate the presence of buried metal debris below the pit surface. The four remaining anomalies, one MAG anomaly and three EMAG anomalies, were thought to be caused by changes in soil properties, an abandoned road or an underground utility, or interference caused by surface metal debris northwest of the disposal pit.

5.1 Soils

Tt found metals to be an analyte of concern. We found arsenic, cadmium, total chromium, and lead in the surface soil samples collected from the floor of the disposal pits at this SWMU, at concentrations greater than their respective maximum expected background concentrations (Appendix C). This finding indicated that these metals may have been released during disposal activities at SWMU I11. Of these four metals, only total chromium and lead were found at concentrations greater than their respective PCGs and could require further action. All of the subsurface soil samples were assessed to be below their maximum expected background

concentrations or were assessed to be low-level naturally occurring isolated anomalies. The metals in groundwater samples collected from the adjacent downgradient wells indicated that the elevated concentrations of metals found in the surface soil samples have not affected the groundwater in this area, which is at a depth of approximately 180 feet. Therefore, there appear to have been releases of metals at SWMU I11 that would require total chromium and lead to be remediated in only those soils near the surface of the pit before this SWMU could be recommended for closure with respect to metals (Tt 1999).

During the 1994 and 1997 remedial investigations, 14 of the surface and subsurface soil samples contained at least one of the eight VOCs and three SVOCs found at this SWMU. All of these samples were collected from within the disposal pit. All of the VOCs and SVOCs detected in the soil samples were less than their respective PCGs, and no remediation of soil with respect to these contaminants was recommended. Although three of the VOCs and one of the SVOCs that were found in the soil samples also were found in the groundwater samples, the detected vertical extent of the VOC- and SVOC-affected soil was only 30 feet bgs, and the shallowest groundwater is at a depth of 180 feet bgs. Based on this data, Tt determined that VOC- and SVOC-contaminated soils that were associated with the disposal pit were not likely to be sources of the groundwater contamination in the vicinity of this SWMU. However, other VOCs and SVOCs that were not found in these soil samples were found in the groundwater samples collected from the monitoring wells; therefore, we determined that there could be additional sources of VOCs and SVOCs in this area that have affected the groundwater.

5.2 Groundwater

To investigate the groundwater in the vicinity of this SWMU, Tt installed and sampled monitoring wells IRPMW49 and IRPMW50. During the first sampling events in 1997, groundwater samples from these wells were analyzed for metals, explosives, picric acid, VOCs, SVOCs, organochlorine pesticides, polychlorinated biphenyls, herbicides, nitrogen compounds, total dissolved solids, and inorganic anions. Metals, explosives (tetryl), VOCs, and SVOCs were detected in these samples, at concentrations less than their respective HWAD groundwater action level, except for trichloroethene (TCE). Groundwater samples from the shallowest aquifer in IRPMW50 contained concentrations of TCE from 26 micrograms per liter (µg/l) to 33 µg/l, compared to the HWAD groundwater action level of 5 µg/l, indicating that TCE has contaminated groundwater in this area. This well is approximately 1,000 feet north and downgradient of the disposal pits at SWMU I11; however, the vertical extents of the VOC- and SVOC-contaminated soils do not appear to be the source of the groundwater contamination in the vicinity of this SWMU.

Subsequent groundwater monitoring has been consistent with these early findings. All of the groundwater data for the first three years of sampling (1997 through 1999) were evaluated in Tt's Three Year Groundwater Monitoring Evaluation Report (Tt 2000), and the cumulative results of the 2000 sampling are presented in the 2000 Annual Groundwater Monitoring Report (Tt 2001). The results from monitoring wells IRPMW49 and IRPMW50 from these two reports are included in Appendix C.

6.0 REMEDIATION

Tt excavated 50 cubic yards of soil in the vicinity of previous soil sampling, which contained high concentrations of lead and chromium. The finished excavation was approximately 16 feet wide, 32 feet long, and five feet deep (Figure 3-1b). The excavated soil was placed into 12-cubic yard capacity dump trucks for transport to the lead treatability site in SWMU C01a/01b. Four full dump truck loads of soil were transported, after having been covered and watered for dust control. The treated soil was placed in a HWAD approved lead soil disposal pit.

7.0 REMEDIATION RESULTS

Samples TP01-01 and TP01-02 contained lead at concentrations of 4.4 mg/kg and 4.1 mg/kg, respectively (Appendix C). Both samples were below the background concentration of lead at HWAD, which is 16.7 mg/kg. Sample TP01-03 had a lead concentration of 200 mg/kg and exceeded the PCG of 100 mg/kg. All three samples were collected approximately four feet below the surface of the pit. After being backfilled, the actual depth of the sample locations will be approximately seven feet below ground surface.

8.0 PUBLIC INVOLVEMENT

It is US 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 at the local public library, which 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 will be updated.

HWAD has solicited community participation to establish 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 and will continue to solicit community involvement and will establish a RAB should there be sufficient community interest.

9.0 CONCLUSIONS

One of three excavation confirmation samples contained a concentration of lead that exceeded the PCG. The other two samples were below the background concentration. Tt concludes that the majority of the lead-contaminated soil was removed from the pit. The sample that contained the high level of lead is seven feet below the surface and is not likely to pose health risks to potential on-site receptors. All visible grossly contaminated soil was removed during this interim remedial action.

As part of the interim remedial actions at SWMU I11, Tt backfilled the disposal pit with clean soil from a nearby stockpile. Backfilling the disposal pit has eliminated the pathway to on-site receptors and has reduced the potential to leach elevated concentrations of metals into the groundwater. The excavation cover was hydroseeded to stabilize the soil and to prevent erosion.

Tt recommends no further investigations of SWMU I11 and recommends that this SWMU be closed, with the restrictions that no construction be allowed on the site, that the site remain only for industrial use, and the site be documented in the HWAD site master plan.

10.0 REFERENCES

RAI. 1992. Site Screening Inspection (SSI) for the Hawthorne Army Ammunition Plant, Hawthorne, Nevada. Prepared for the US Army Corps of Engineers Toxic and Hazardous Materials Agency by Resource Applications, Inc., Falls Church, Virginia. December 1992.

Tetra Tech, Inc. (Tt). 1993. Draft Technical Memorandum for Group B SWMUs, Hawthorne Army Ammunition Plant. November 22, 1993.

_____. 1999. Final Remedial Investigation Report, Solid Waste Management Unit I11, Building 49-9 pit/landfill, Hawthorne Army Depot, Hawthorne, Nevada. February 1999.

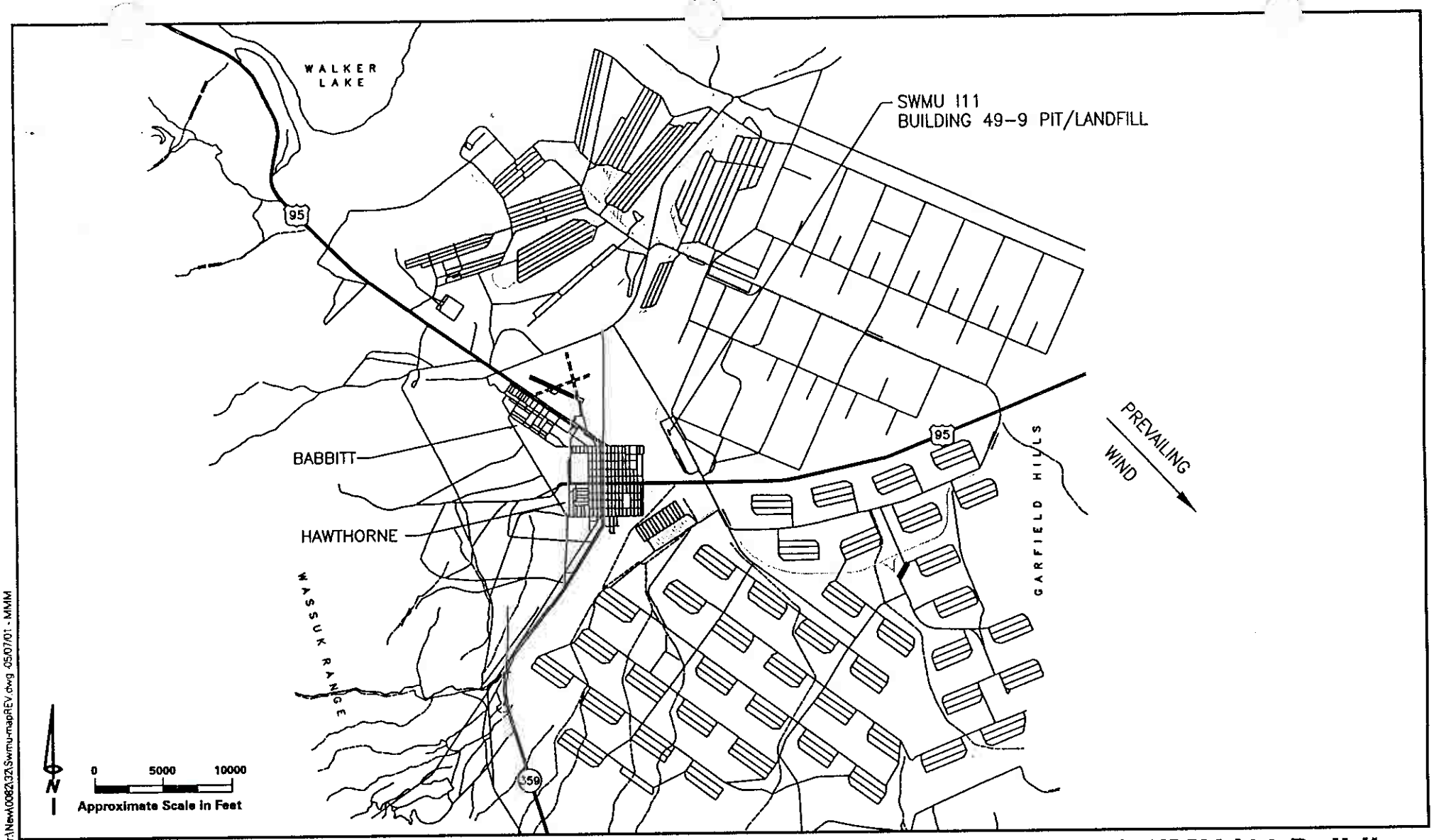
_____. 2000. Three Year Groundwater Monitoring Well Evaluation Report, Hawthorne Army Depot, Hawthorne, Nevada. November 2000.

_____. 2001. 2000 Annual Groundwater Monitoring Report, Hawthorne Army Depot, Hawthorne, Nevada. May 2001.

_____. 2001. Draft Remedial Investigation Report Addendum Solid Waste Management Unit I11, Building 49-9 Pit/Landfill, May 2001.

US Army Corps of Engineers (USACE). 1993. Installation Action Plan for Hawthorne Army Ammunition Plant prepared by S. Hong.

FIGURES



r:\New\0082\32\Swmu-mapREV.dwg -05/07/01 - MMM

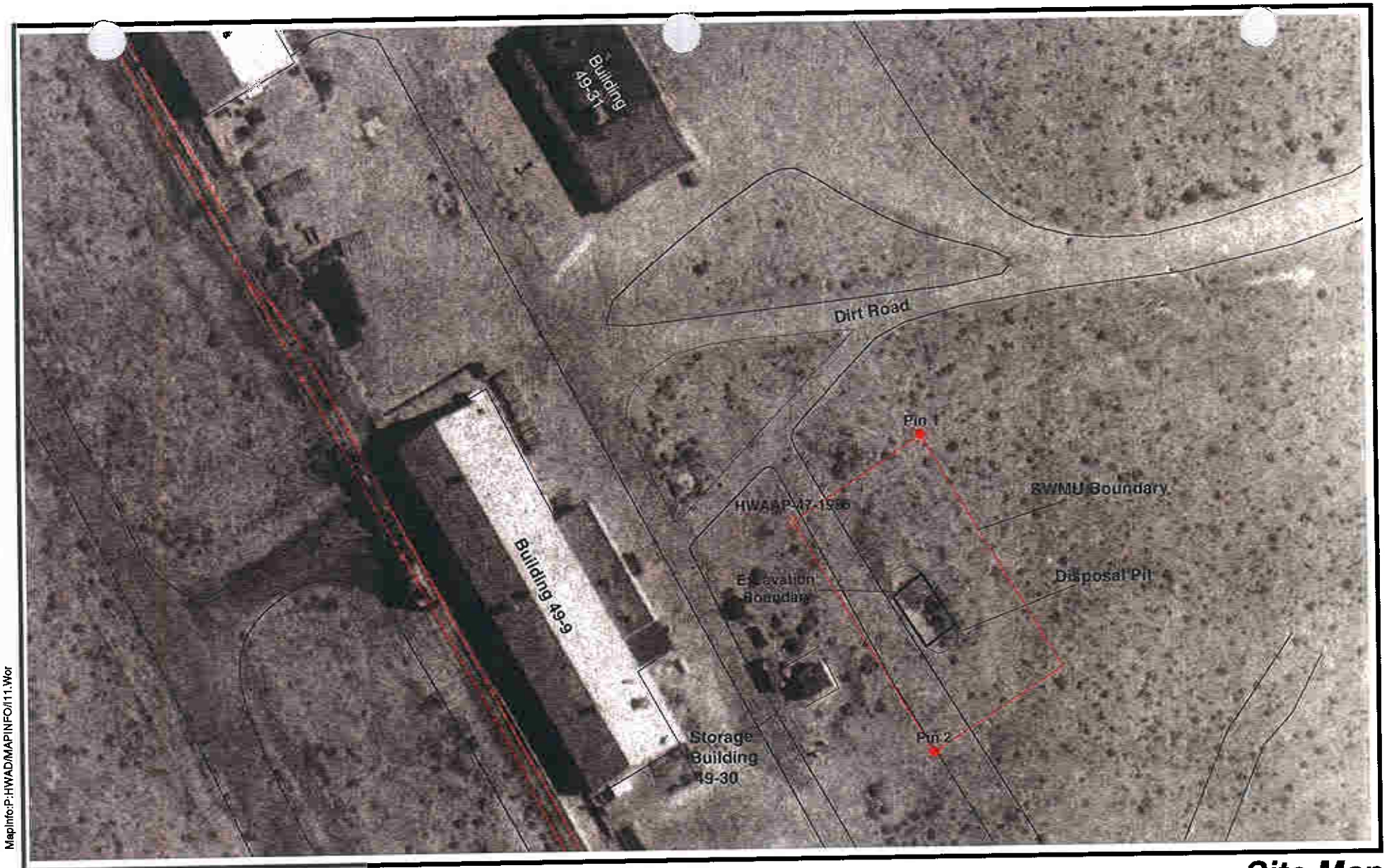
SOURCE: TETRA TECH FINAL DATA PACKAGE, 1996 (REV. 1997)

SWMU I11 Building 49-9 Pit/Landfill

Hawthorne Army Depot
Hawthorne, Nevada

Tetra Tech, Inc.

Figure 1-1



MapInfo:P:HWAD/MAPINFO/I11.Wor

Legend:

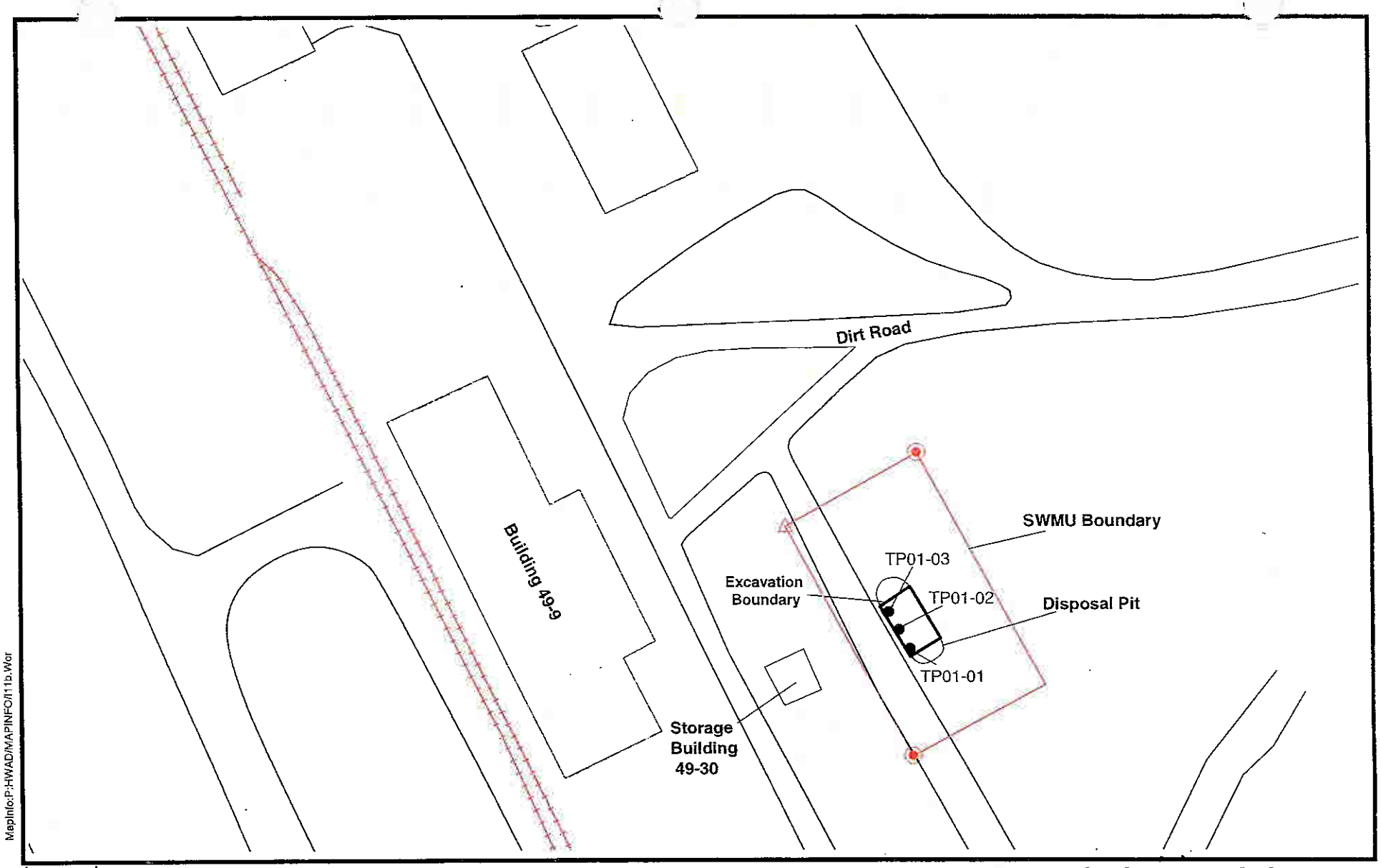
- Boundary Corner Pin
- Railroad
- SWMU Monument

N

0 35 70
Approximate Scale in Feet

Site Map
SWMU I11
Building 49-9 Pits/Landfill
Hawthorne Army Depot
Hawthorne, Nevada
Figure 1-2

Tetra Tech, Inc.



MapInfo:P:HWAD/MAPINFO/I11b.Wor

Legend:

- Boundary Corner Pin
- Railroad
- SWMU Monument
- Test Pit Sample

N

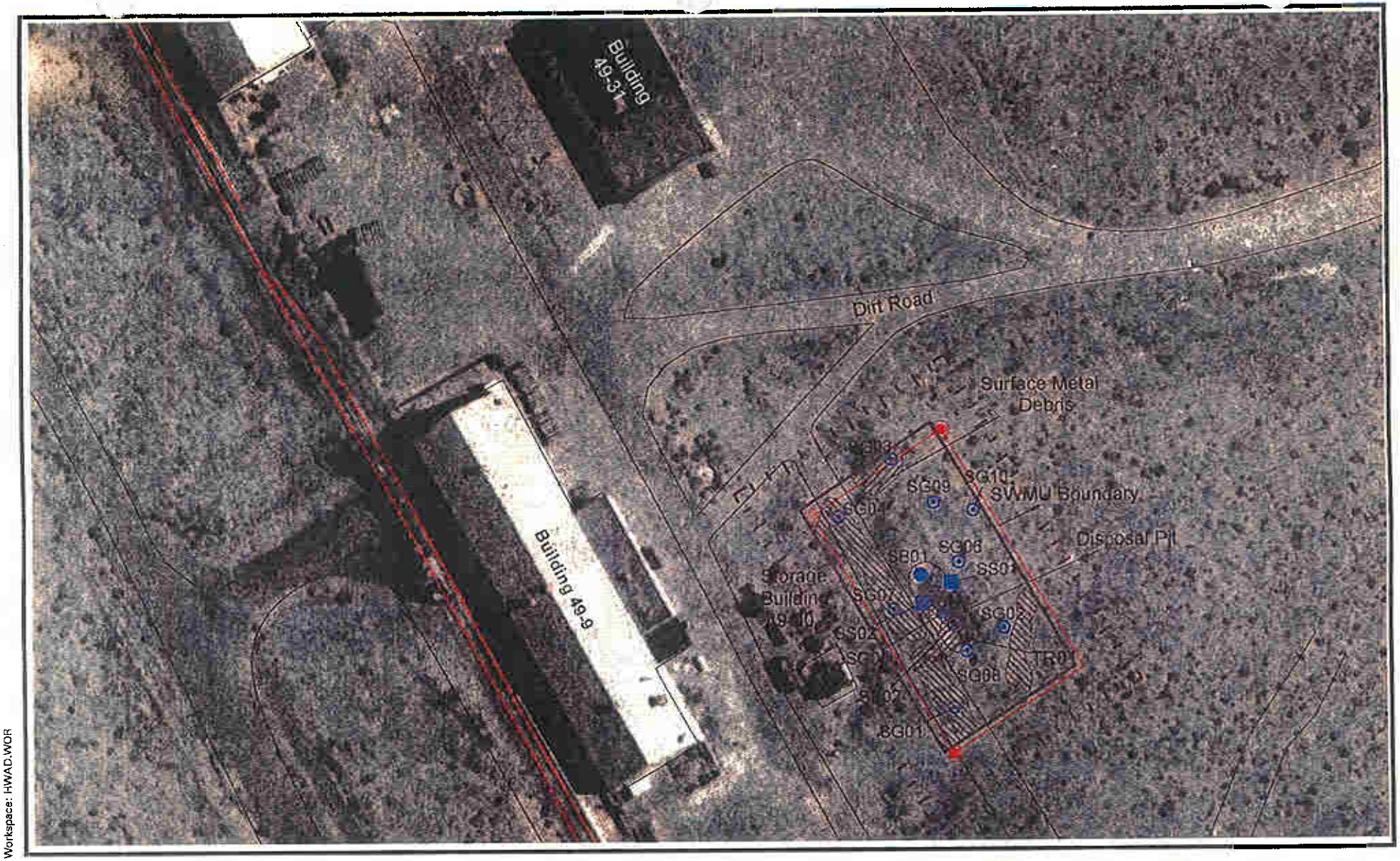
0 35 70
Approximate Scale in Feet

Tetra Tech, Inc.

Remediation Activity Map
SWMU I11
Building 49-9 Pits/Landfill

Hawthorne Army Depot
Hawthorne, Nevada

Figure 3-1b



Workspace: HWAD.WOR

Legend:

- SWMU Monument
- MAG Anomaly
- Boundary Corner Pin
- EMAG Anomaly
- Soil Boring Location
- Railroad
- Soil Gas Location
- Surface Soil Sample

N

0 35 70

Approximate Scale in feet

Investigation Activity Map
SWMU I11
Building 49-9 Pits/Landfill

Hawthorne Army Depot
Hawthorne, Nevada

Figure 3-1q

Tetra Tech, Inc.

APPENDIX A

PROPOSED CLOSURE GOALS

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
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

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
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 Rgion IX, Preliminary Remedial Goals, Second Half, Sep. 1995

[e] Method detection limit for Volatile Organic Compounds by EPA Method 8260 or Semi-Volatile Organic Compounds analyzed by EPA Method 8270

[f] Nevada Division of Environmental Protection

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

APPENDIX B

SURVEY DATA

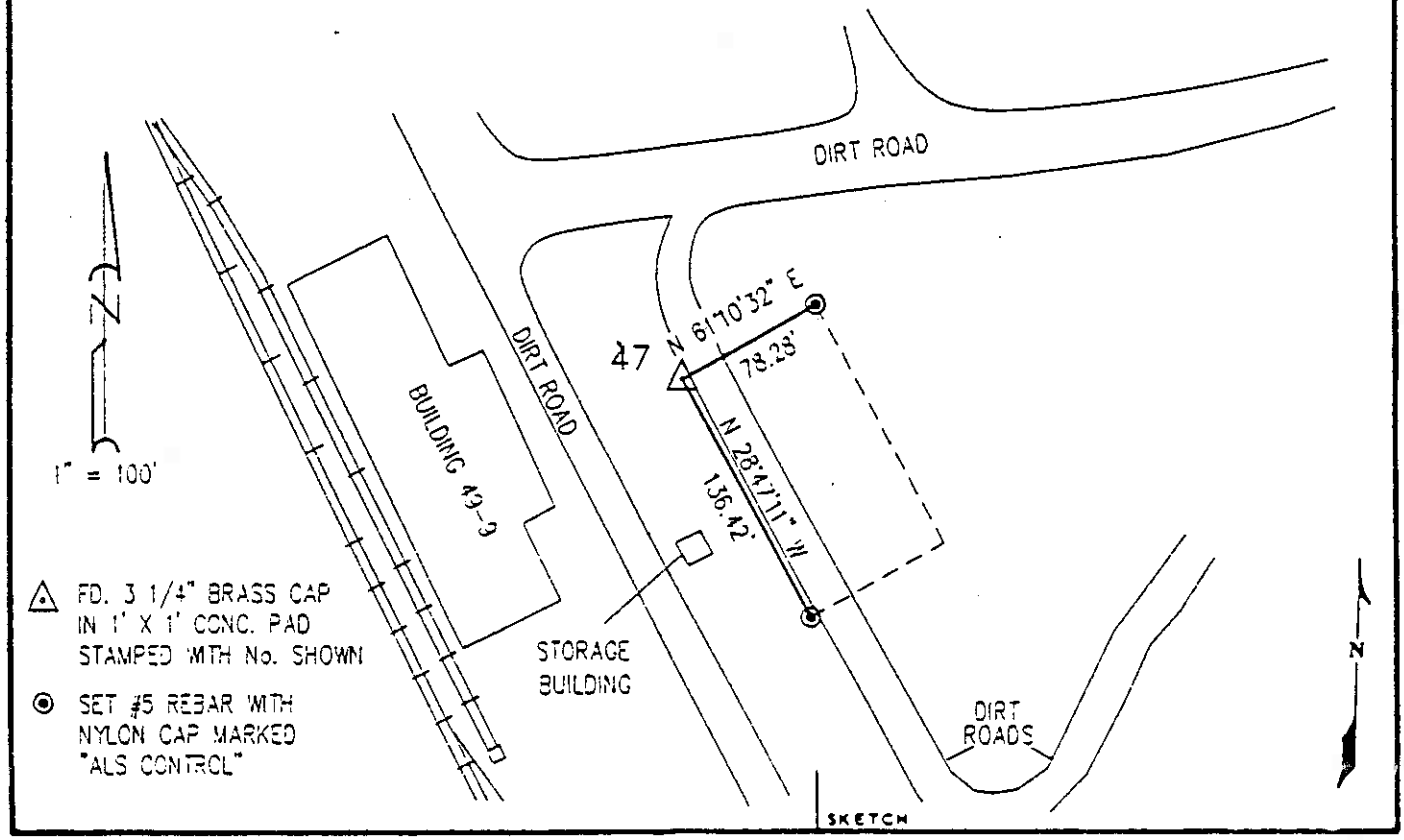
COUNTRY	TYPE OF MARK	STATION	
USA	BRASS CAP	47	
LOCALITY	STAMPING ON MARK	AGENCY (CAST IN MARKS)	ELEVATION (FT) (M)
HAWTHORNE NEV.	47 I-11	COE HWAAP	4271.64
LATITUDE	LONGITUDE	DATUM	DATUM
38°32'07.21485" N	118°36'23.96982" W	NAD '27	NGVD '29
(NORTHING)(EASTING) (FT) (M)	(EASTING)(NORTHING) (FT) (M)	GRID AND ZONE	ESTABLISHED BY (AGENCY)
1377986.43	493328.25	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)
	° ' "	° ' "		

MONUMENT 47 – SWMU I-11
FROM HIGHWAY 95 TAKE MINE ROAD NORTHWEST 4700 FEET TO A DIRT ROAD, THEN SOUTHWEST 600 FEET TO BUILDING 49-9. SEE MAP BELOW. MONUMENT IS A 3 1/4" BRASS CAP SET IN A 1' X 1' CONCRETE PAD AND IS MARKED WITH A 4" X 4" X 6' WOOD POST, PAINTED WHITE.



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.

NOTES ON COMPLETION OF FORM

1. GENERAL: This form may be used in the field or, as an office form to record and publish positions, descriptions, and related data.

2. FIELD USE OF FORM: The information required should be obtained and recorded *AT THE STATION SITE*. The field engineer should fill in only the information available and applicable to field use. In general, the geographic and grid positions, azimuths, distances, and elevations should not be filled in at field level except when the information is required for an immediate specific purpose.

a. ORIGINAL DESCRIPTION OF NEW STATION: The type of mark used for the station, reference marks, and azimuth marks, and a description of each must be given in the text of the description. If a disk is used, the identity of the agency whose name is cast in the disk and all of the letters and numbers stamped on the mark which identify the organization establishing or setting the mark should be given. In many areas the use of disks is not desirable because of their loss, due to vandalism or superstition. Less conspicuous marks should be used under these conditions. This requires exact statements of the character of the marks. Information for all marks as to the elevation above or below ground and approximate elevation above or below nearby prominent features is important. At least three measurements within .01 foot should be made from the station to any permanent marks, features, or structures that would permit relocating the spot where an instrument was centered. Good judgment should be exercised as to how far these measurements should be made. It is recommended that they be made to items which are not in the immediate vicinity of the station. Angles should also be turned to these items, particularly where no azimuth mark or marks have been established.

b. VIEW: Provide information on height of tower or stand used in occupying or establishing the station and information on view from a normal tripod, i.e., a 50-foot tower was used at the station; view from a tripod height is clear to the south and east but is obstructed by rise in ground *(by 50 foot trees)* to the north and west.

c. PHOTOGRAPHIC IDENTIFICATION: Provide when possible, two measurements from the station to natural or cultural features which might be visible on aerial photography and a description of the terrain. If photographs are available identify the station thereon and note estimated accuracy of the identification.

d. NOTES ON RECOVERED STATIONS: A diligent search should be made for *ALL* previously established stations in the vicinity and no station should be reported as destroyed unless conclusive evidence of destruction is present. A statement of the diligence of the search and reason for the non-recovery of a previously established mark is required. If the spot where a station mark was located can be reproduced by measurement given in the description, the station is not destroyed. The reproduced spot should be tied in by azimuth and distance and the estimated accuracy of the reproduced location given. If a new mark is set in the exact location of a previously established but destroyed mark, the designation of the station should be identical with the original with only a new date added to its designation. If a new disk is set in the approximate location of the old station, the name should be preserved but the number "2" and a new date should be added.

(DESCRIBED) (RECOVERED) BY	
PROJECT	
DATE	FIELD BOOK

☆ U.S. Government Printing Office: 1966—451-003/50495

SWMU I11 Survey Data
Hawthorne Army Depot
Hawthorne, Nevada

SWMU	Point ID	Northing (feet)	Easting (feet)	Elevation
I11	HWAAP-47-1996	1377986.43	493328.25	4271.64
I11	Pin 1	1378024.17	493396.83	NE
I11	Pin 2	1377866.87	493393.94	NE
I11	SB01	1377954.26	493382.07	NE
I11	SB02	1377929.28	493397.75	NE
I11	SG01	1377888.78	493395.32	NE
I11	SG02	1377925.82	493423.13	NE
I11	SG03	1378011.15	493370.15	NE
I11	SG04	1377984.69	493341.68	NE
I11	SG05	1377935.08	493392.67	NE
I11	SG06	1377958.89	493401.94	NE
I11	SG07	1377938.39	493367.51	NE
I11	SG08	1377915.90	493403.27	NE
I11	SG09	1377988.66	493390.68	NE
I11	SG10	1377983.37	493410.55	NE
I11	SS01	1377949.32	493397.30	NE
I11	SS02	1377940.06	493382.07	NE
I11	TR01	1377920.13	493393.45	NE
I11		1377940.72	493406.74	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

ANALYTICAL DATA FROM INVESTIGATION

Maximum Metal Concentrations Considered Representative
of Background Soil Samples from
Hawthorne Army Depot, Hawthorne, Nevada

	Al (mg/kg)	As (mg/kg)	Ba (mg/kg)	Be (mg/kg)	Cd (mg/kg)	Cr (mg/kg)	Pb (mg/kg)	Hg (mg/kg)	Se (mg/kg)	Ag mg/kg
Maximum Background Metal Concentration (Mean plus 2 Std. Dev.)[1]	12,365	18.1	447	0.58	1.08	13.76	16.7	0.108	NA[2]	NA[2]

Notes: 1. For purposes of calculating mean and standard deviations, non-detect values were set to 50 percent of the detection limit, e.g., a value of 0.25 would be used during statistical calculations to represent a non-detect value of <0.50.

2. NA – insufficient detects to calculate meaningful statistics

Source: Technical Memorandum Background Soil Sampling (Tt 1997d)

Metals
Method 6010 (BCA)

Sample ID	Location ID	Sample Date	Depth (feet)	Lab	Aluminum	Arsenic	Barium	Cadmium	Selenium	Silver	Chromium	Lead
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
I11-DP194	SB02	8/16/94	20.25	BCA	NA	<4	71	0.96	<5	<0.9	83	350
I11-SB01-1-S	SB01	8/15/94	10	BCA	NA	<4	72	1.3	<5	<1	3.9 J	<5
I11-SB01-2-S	SB01	8/15/94	20	BCA	NA	21 J	60	1.4	<5	<0.9	2.9 J	<5
I11-SB01-3-S	SB01	8/15/94	30	BCA	NA	8.8 J	260	5.6	6.8 J	<1.1	14	27 J
I11-SB02-1-S	SB02	8/16/94	10.25	BCA	NA	<4	46	0.43 J	<5	<0.9	97	310
I11-SB02-2-S	SB02	8/16/94	20.25	BCA	NA	12 J	60	1.2	<5	<0.9	<0.6	<5
I11-SB02-3-S	SB02	8/16/94	30.25	BCA	NA	<5	130	2.2	<6	<1	1.7 J	17 J
I11-SS01-1-S	SS01	7/13/94	0	BCA	NA	11 J	95	1.9	<5	<0.9	86	290
I11-SS02-1-S	SS02	7/13/94	0	BCA	NA	14 J+	130 J+	2.1 J+	<5	<0.9	590 J+	2500 J+
Analyses					0	9	9	9	9	9	9	9
Detections					0	5	9	9	1	0	8	6
Minimum Concentration					0	8.8	46	0.43	6.8	0	1.7	17
Maximum Concentration					0	21	260	5.6	6.8	0	590	2500
HWAD - PCG					80000	100	2000	20	20	100	20	100
HWAD - PCG Hits					0	0	0	0	0	0	4	4
Maximum Background Concentration					12365	18.1	447	1.08	0	0	13.76	16.7
Background Hits					0	1	0	7	0	0	5	6

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
I11-TR01-1-S	TR01	3/2/97	2.5	APCL	NA	NA	NA	NA	NA	NA	116	NA	NA	NA
I11-TR01-2-S	TR01	3/2/97	3.5	APCL	NA	NA	NA	NA	NA	NA	5.5	NA	NA	NA
I11-TR01-3-S	TR01	3/2/97	8	APCL	NA	NA	NA	NA	NA	NA	2.2	NA	NA	NA
I11-TR01-4-S	TR01	3/2/97	5	APCL	NA	NA	NA	NA	NA	NA	2.8	NA	NA	NA
I11-TR01-5-S	TR01	3/2/97	8	APCL	NA	NA	NA	NA	NA	NA	2.3	NA	NA	NA
Analyses					0	0	0	0	0	0	5	0	0	0
Detections					0	0	0	0	0	0	5	0	0	0
Minimum Concentration					0	0	0	0	0	0	2.2	0	0	0
Maximum Concentration					0	0	0	0	0	0	116	0	0	0
HWAD - PCG					80000	100	2000	1	20	20	100	NE	20	100
HWAD - PCG Hits					0	0	0	0	0	0	1	NE	0	0
Maximum Background Concentration					12365	18.1	447	0.58	1.08	13.76	16.7	0	0	0
Background Hits					0	0	0	0	0	0	1	0	0	0

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

Mercury
Method 7471 (BCA)

Sample ID	Location ID	Sample Date	Depth (feet)	Lab	Mercury
					mg/kg
I11-DP194	SB02	8/16/94	20.25	BCA	<0.04
I11-SB01-1-S	SB01	8/15/94	10	BCA	<0.04
I11-SB01-2-S	SB01	8/15/94	20	BCA	<0.04
I11-SB01-3-S	SB01	8/15/94	30	BCA	<0.05
I11-SB02-2-S	SB02	8/16/94	20.25	BCA	<0.04
I11-SB02-3-S	SB02	8/16/94	30.25	BCA	<0.05
I11-SS01-1-S	SS01	7/13/94	0	BCA	<0.04
I11-SS02-1-S	SS02	7/13/94	0	BCA	<0.04

Analyses	8
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.

VOCs
Method 8260 (BCA)

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	1,2,3-Trichloropropane	1,2-Dichlorobenzene	1,2-Dichloroethane	1,2-Dichloropropane	1,3-Dichlorobenzene	1,4-Dichlorobenzene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
I11-DP192	SB01	8/15/94	10	BCA	<0.0004 UJ	<0.0006 UJ	<0.0002 UJ	<0.0004 UJ	<0.0002 UJ	<0.0002 UJ	68 J	<0.0002 UJ	<0.0006 UJ	<0.0008 UJ	<0.0002 UJ	<0.0004 UJ
I11-SB01-1-S	SB01	8/15/94	10	BCA	<0.0004	<0.0006	<0.0002	<0.0004	<0.0002	<0.0002	<0.0008	<0.0002	<0.0006	<0.0008	<0.0002	<0.0004
I11-SB01-2-S	SB01	8/15/94	20	BCA	<0.0004	<0.0006	<0.0002	<0.0004	<0.0002	<0.0002	<0.0008	<0.0002	<0.0006	<0.0008	<0.0002	<0.0004
I11-SB01-3-S	SB01	8/15/94	30	BCA	<0.0004	<0.0006	<0.0002	<0.0004	<0.0002	<0.0002	<0.0009	<0.0002	<0.0006	<0.0009	<0.0002	<0.0004
Analyses					4	4	4	4	4	4	4	4	4	4	4	4
Detections					0	0	0	0	0	0	1	0	0	0	0	0
Minimum Concentration					0	0	0	0	0	0	68	0	0	0	0	0
Maximum Concentration					0	0	0	0	0	0	68	0	0	0	0	0
HWAD - PCG					NE	7200	35	NE	NE	NE	480	7200	NE	NE	NE	150
HWAD - PCG Hits					NE	0	0	NE	NE	NE	0	0	NE	NE	NE	0

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

VOCs
Method 8260 (BCA)

Sample ID	Location ID	Sample Date	Depth (feet)	Lab	2-Chloroethylvinylether	Benzene	Benzyl chloride	Bromobenzene	Bromodichloromethane	Bromoform	Bromomethane	Carbon Tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
I11-DP192	SB01	8/15/94	10	BCA	NA	<0.0002 UJ	<0.0006 UJ	<0.0004 UJ	<0.0002 UJ	<0.0002 UJ	<0.0002 UJ	<0.0006 UJ	<0.0002 UJ	<0.0002 UJ	<0.0002 UJ	<0.0006 UJ
I11-SB01-1-S	SB01	8/15/94	10	BCA	<0.0006	<0.0002	<0.0006	<0.0004	<0.0002	<0.0002	<0.0002	<0.0006	<0.0002	<0.0002	<0.0002	<0.0006
I11-SB01-2-S	SB01	8/15/94	20	BCA	<0.0006	<0.0002	<0.0006	<0.0004	<0.0002	<0.0002	<0.0002	<0.0006	<0.0002	<0.0002	<0.0002	<0.0006
I11-SB01-3-S	SB01	8/15/94	30	BCA	<0.0006	<0.0002	<0.0006	<0.0004	<0.0002	<0.0002	<0.0002	<0.0006	<0.0002	<0.0002	<0.0002	<0.0006
Analyses					3	4	4	4	4	4	4	4	4	4	4	4
Detections					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
Maximum Concentration					0	0	0	0	0	0	0	0	0	0	0	0
HWAD - PCG					NE	10	NE	NE	NE	89	112	10	2000	NE	120	538
HWAD - PCG Hits					NE	0	NE	NE	NE	0	0	0	0	NE	0	0

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

VOCs
Method 8260 (BCA)

Sample ID	Location ID	Sample Date	Depth (feet)	Lab	cis-1,3-Dichloropropene	Dibromochloromethane	Dibromomethane	Dichlorodifluoromethane	Ethylbenzene	Methylene chloride	Tetrachloroethene	Toluene	Total Xylene Isomers	trans-1,2-Dichloroethene	trans-1,3-Dichloropropene	Trichloroethene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
I11-DP192	SB01	8/15/94	10	BCA	<0.0002 UJ	<0.0006 UJ	<0.0002 UJ	NA	5.1 J	<0.0004 UJ	<0.0006 UJ	1.7 J	200 J	<0.0002 UJ	<0.0002 UJ	<0.001 UJ
I11-SB01-1-S	SB01	8/15/94	10	BCA	<0.0002	<0.0006	<0.0002	<0.0001	<0.0002	0.0007 J	<0.0006	<0.0004	<0.0006	<0.0002	<0.0002	<0.001
I11-SB01-2-S	SB01	8/15/94	20	BCA	<0.0002	<0.0006	<0.0002	<0.0001	<0.0002	<0.0004	<0.0006	<0.0004	<0.0006	<0.0002	<0.0002	<0.001
I11-SB01-3-S	SB01	8/15/94	30	BCA	<0.0002	<0.0006	<0.0002	<0.0001	<0.0002	0.001 J	<0.0006	<0.0004	<0.0006	<0.0002	<0.0002	<0.001
Analyses					4	4	4	3	4	4	4	4	4	4	4	4
Detections					0	0	0	0	1	2	0	1	1	0	0	0
Minimum Concentration					0	0	0	0	5.1	0.0007	0	1.7	200	0	0	0
Maximum Concentration					0	0	0	0	5.1	0.001	0	1.7	200	0	0	0
HWAD - PCG					NE	83	800	16000	8000	4800	15	16000	160000	NE	NE	10
HWAD - PCG Hits					NE	0	0	0	0	0	0	0	0	NE	NE	0

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

VOCs
Method 8260 (BCA)

Sample ID	Location ID	Sample Date	Depth (feet)	Lab	Trichlorofluoromethane	Vinyl chloride
					mg/kg	mg/kg
I11-DP192	SB01	8/15/94	10	BCA	<0.0001 R	<0.0002 UJ
I11-SB01-1-S	SB01	8/15/94	10	BCA	<0.0001 R	<0.0002
I11-SB01-2-S	SB01	8/15/94	20	BCA	<0.0001 R	<0.0002
I11-SB01-3-S	SB01	8/15/94	30	BCA	<0.0001 R	<0.0002
Analyses					4	4
Detections					0	0
Minimum Concentration					0	0
Maximum Concentration					0	0
HWAD - PCG					24000	24000
HWAD - PCG Hits					0	0

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

VOCs
Method 8260 (Quanterra)

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
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
I11-DP193	SB02	8/16/94	20.25	Quanterra	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	0.0094
I11-SB02-1-S	SB02	8/16/94	10.25	Quanterra	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	0.0012
I11-SB02-2-S	SB02	8/16/94	20.25	Quanterra	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051
I11-SB02-3-S	SB02	8/16/94	30.25	Quanterra	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053
Analyses					4	4	4	4	4	4	4	4	4	4	4
Detections					0	0	0	0	0	0	0	0	0	0	2
Minimum Concentration					0	0	0	0	0	0	0	0	0	0	0.0012
Maximum Concentration					0	0	0	0	0	0	0	0	0	0	0.0094
HWAD - PCG					NE	7200	35	NE	NE	NE	NE	NE	480	NE	NE
HWAD - PCG Hits					NE	0	0	NE	NE	NE	NE	NE	0	NE	NE

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

VOCs
Method 8260 (Quanterra)

Sample ID	Location ID	Sample Date	Depth (feet)	Lab	1,2-Dibromo-3-chloropropan	1,2-Dibromoethane	1,2-Dichlorobenzene	1,2-Dichloroethane	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	1-Methylethylbenzene	2,2-Dichlorpropane
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
I11-DP193	SB02	8/16/94	20.25	Quanterra	<0.0051	<0.0051	<5.1	<5.1	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051
I11-SB02-1-S	SB02	8/16/94	10.25	Quanterra	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	0.0024	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051
I11-SB02-2-S	SB02	8/16/94	20.25	Quanterra	<0.0051	<0.0051	<0.0051	<0.0051	<5.1	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051
I11-SB02-3-S	SB02	8/16/94	30.25	Quanterra	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053
Analyses					4	4	4	4	4	4	4	4	4	4	4
Detections					0	0	0	0	0	1	0	0	0	0	0
Minimum Concentration					0	0	0	0	0	0.0024	0	0	0	0	0
Maximum Concentration					0	0	0	0	0	0.0024	0	0	0	0	0
HWAD - PCG					NE	0.008	7200	NE	NE	NE	NE	NE	150	NE	NE
HWAD - PCG Hits					NE	0	0	NE	NE	NE	NE	NE	0	NE	NE

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

VOCs
Method 8260 (Quanterra)

Sample ID	Location ID	Sample Date	Depth (feet)	Lab	2-Chloroethylvinylether	2-Chlorotoluene	4-Chlorotoluene	Benzene	Bromobenzene	Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane	Carbon Tetrachloride	Chlorobenzene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
I11-DP193	SB02	8/16/94	20.25	Quanterra	NA	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051
I11-SB02-1-S	SB02	8/16/94	10.25	Quanterra	NA	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051
I11-SB02-2-S	SB02	8/16/94	20.25	Quanterra	NA	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051
I11-SB02-3-S	SB02	8/16/94	30.25	Quanterra	NA	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053
Analyses					0	4	4	4	4	4	4	4	4	4	4
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	10	NE	NE	NE	89	112	10	2000
HWAD - PCG Hits					NE	NE	NE	0	NE	NE	NE	0	0	0	0

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

VOCs
Method 8260 (Quanterra)

Sample ID	Location ID	Sample Date	Depth (feet)	Lab	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethene	cis-1,3-Dichloropropene	Dibromochloromethane	Dibromomethane	Dichlorodifluormethane	Dichlorodifluoromethane	Ethylbenzene	Hexachlorobutadiene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
I11-DP193	SB02	8/16/94	20.25	Quanterra	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051
I11-SB02-1-S	SB02	8/16/94	10.25	Quanterra	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051
I11-SB02-2-S	SB02	8/16/94	20.25	Quanterra	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051
I11-SB02-3-S	SB02	8/16/94	30.25	Quanterra	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053
Analyses					4	4	4	4	4	4	4	4	4	4	4
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	120	538	NE	NE	83	800	16000	16000	8000	NE
HWAD - PCG Hits					NE	0	0	NE	NE	0	0	0	0	0	NE

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

VOCs
Method 8260 (Quanterra)

Sample ID	Location ID	Sample Date	Depth (feet)	Lab	Isopropyltoluene	m-&p-Xylenes	Methylene chloride	Naphthalene	n-Butylbenzene	n-Propyl benzene	o-Xylene	sec-Butylbenzene	Styrene	tert-Butylbenzene	Tetrachloroethene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
I11-DP193	SB02	8/16/94	20.25	Quanterra	<0.0051	0.0013	<5.1	<0.0051	<0.0051	<0.0051	0.00084	0.0015	<0.0051	<0.0051	<0.0051
I11-SB02-1-S	SB02	8/16/94	10.25	Quanterra	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051
I11-SB02-2-S	SB02	8/16/94	20.25	Quanterra	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051
I11-SB02-3-S	SB02	8/16/94	30.25	Quanterra	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053
Analyses					4	4	4	4	4	4	4	4	4	4	4
Detections					0	1	0	0	0	0	1	1	0	0	0
Minimum Concentration					0	0.0013	0	0	0	0	0.00084	0.0015	0	0	0
Maximum Concentration					0	0.0013	0	0	0	0	0.00084	0.0015	0	0	0
HWAD - PCG					NE	160000	4800	3200	NE	NE	160000	NE	NE	NE	15
HWAD - PCG Hits					NE	0	0	0	NE	NE	0	NE	NE	NE	0

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

VOCs
Method 8260 (Quanterra)

Sample ID	Location ID	Sample Date	Depth (feet)	Lab	Toluene	Total Xylene Isomers	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
I11-DP193	SB02	8/16/94	20.25	Quanterra	<0.0051	NA	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051
I11-SB02-1-S	SB02	8/16/94	10.25	Quanterra	<0.0051	NA	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051
I11-SB02-2-S	SB02	8/16/94	20.25	Quanterra	<0.0051	NA	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051
I11-SB02-3-S	SB02	8/16/94	30.25	Quanterra	<0.0053	NA	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053
Analyses					4	0	4	4	4	4	4
Detections					0	0	0	0	0	0	0
Minimum Concentration					0	0	0	0	0	0	0
Maximum Concentration					0	0	0	0	0	0	0
HWAD - PCG					16000	160000	NE	NE	10	24000	24000
HWAD - PCG Hits					0	0	NE	NE	0	0	0

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
I11-TR01-1-S	TR01	3/2/97	2.5	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
I11-TR01-2-S	TR01	3/2/97	3.5	APCL	<0.0001	<0.0001	<0.0002	<0.0001	<0.0002	<0.0001	<0.0002	<0.0001	<0.0004	<0.0002	<0.0001	<0.0006
I11-TR01-3-S	TR01	3/2/97	8	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
I11-TR01-4-S	TR01	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	<0.0006
I11-TR01-5-S	TR01	3/2/97	8	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					5	5	5	5	5	5	5	5	5	5	5	5
Detections					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
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
I11-TR01-1-S	TR01	3/2/97	2.5	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
I11-TR01-2-S	TR01	3/2/97	3.5	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
I11-TR01-3-S	TR01	3/2/97	8	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
I11-TR01-4-S	TR01	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
I11-TR01-5-S	TR01	3/2/97	8	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
Analyses					5	5	5	5	5	5	5	5	5	5	5	5
Detections					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
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
I11-TR01-1-S	TR01	3/2/97	2.5	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
I11-TR01-2-S	TR01	3/2/97	3.5	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
I11-TR01-3-S	TR01	3/2/97	8	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
I11-TR01-4-S	TR01	3/2/97	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
I11-TR01-5-S	TR01	3/2/97	8	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					5	5	5	5	5	5	5	5	5	5	5	5
Detections					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
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
I11-TR01-1-S	TR01	3/2/97	2.5	APCL	<0.0002	<0.001	<0.0005	<0.0002	<0.0001	<0.0002	<0.0002	<0.0005	<0.0008	<0.0002	<0.0002	<0.0001
I11-TR01-2-S	TR01	3/2/97	3.5	APCL	<0.0002	<0.001	<0.0006	<0.0002	<0.0001	<0.0002	<0.0002	<0.0006	<0.0008	<0.0002	<0.0002	<0.0001
I11-TR01-3-S	TR01	3/2/97	8	APCL	<0.0002	<0.0009	<0.0005	<0.0002	<0.0001	<0.0002	<0.0002	<0.0005	<0.0007	<0.0002	<0.0002	<0.0001
I11-TR01-4-S	TR01	3/2/97	5	APCL	<0.0002	<0.001	<0.0006	<0.0002	<0.0001	<0.0002	<0.0002	<0.0006	<0.0008	<0.0002	<0.0002	<0.0001
I11-TR01-5-S	TR01	3/2/97	8	APCL	<0.0002	<0.0009	<0.0005	<0.0002	<0.0001	<0.0002	<0.0002	<0.0005	<0.0007	<0.0002	<0.0002	<0.0001
Analyses					5	5	5	5	5	5	5	5	5	5	5	5
Detections					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
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
I11-TR01-1-S	TR01	3/2/97	2.5	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
I11-TR01-2-S	TR01	3/2/97	3.5	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
I11-TR01-3-S	TR01	3/2/97	8	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
I11-TR01-4-S	TR01	3/2/97	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
I11-TR01-5-S	TR01	3/2/97	8	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
Analyses					5	5	5	5	5	5	5	5	5	5	5	5
Detections					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
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 8270 (BCA)

Sample ID	Location ID	Sample Date	Depth (feet)	Lab	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,4-Dinitrophenol	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Chlorophenol	2-Methyl-4,6-dinitrophenol	2-Methylnaphthalene	2-Methylphenol (o-Cresol)
					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	mg/kg
I11-DP193	SB02	8/16/94	20.25	BCA	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.1	<0.1	<0.2	<0.2	<0.2	<0.2	<0.2
I11-SB01-1-S	SB01	8/15/94	10	BCA	<5	<5	<5	<5	<5	<5	<5	<5	<2.5	<2.5	<5	<5	<5	<5	<5
I11-SB01-2-S	SB01	8/15/94	20	BCA	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.1	<0.1	<0.2	<0.2	<0.2	<0.2	<0.2
I11-SB01-3-S	SB01	8/15/94	30	BCA	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.1	<0.1	<0.2	<0.2	<0.2	<0.2	<0.2
I11-SB02-1-S	SB02	8/16/94	10.25	BCA	<500	<500	<500	<500	<500	<500	<500	<500	<250	<250	<500	<500	<500	<500	<500
I11-SB02-2-S	SB02	8/16/94	20.25	BCA	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.1	<0.1	<0.2	<0.2	<0.2	<0.2	<0.2
I11-SB02-3-S	SB02	8/16/94	30.25	BCA	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.1	<0.1	<0.2	<0.2	<0.2	<0.2	<0.2
I11-SS01-1-S	SS01	7/13/94	0	BCA	<20	<20	<20	<20	<20	<20	<20	<20	<10	<10	<20	<20	<20	<20	<20
I11-SS02-1-S	SS02	7/13/94	0	BCA	<500	<500	<500	<500	<500	<500	<500	<500	<250	<250	<500	<500	<500	<500	<500
Analyses					9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
Detections					0	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	0
Maximum Concentration					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HWAD - PCG					NE	7200	NE	150	NE	NE	NE	NE	NE	2.6	80	NE	NE	NE	NE
HWAD - PCG Hits					NE	0	NE	0	NE	NE	NE	NE	NE	0	0	NE	NE	NE	NE

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

SVOCs
Method 8270 (BCA)

Sample ID	Location ID	Sample Date	Depth (feet)	Lab	2-Nitroaniline	2-Nitrophenol	3,3-Dichlorobenzidine	3-Nitroaniline	4-Bromophenylphenylether	4-Chloro-3-methylphenol	4-Chloroaniline	4-Chlorophenylphenylether	4-Methylphenol (p-Cresol)	4-Nitroaniline	4-Nitrophenol	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene
					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	mg/kg
I11-DP193	SB02	8/16/94	20.25	BCA	<0.2	<0.2	<0.1	<0.2	<0.1	<0.2	<0.2	<0.1	<0.3	<0.2	<0.1	<0.1	<0.2	<0.1	<0.1
I11-SB01-1-S	SB01	8/15/94	10	BCA	<5	<5	<2.5	<5	<2.5	<5	<5	<2.5	<10	<5	<2.5	<2.5	<5	<2.5	<2.5
I11-SB01-2-S	SB01	8/15/94	20	BCA	<0.2	<0.2	<0.1	<0.2	<0.1	<0.2	<0.2	<0.1	<0.3	<0.2	<0.1	<0.1	<0.2	<0.1	<0.1
I11-SB01-3-S	SB01	8/15/94	30	BCA	<0.2	<0.2	<0.1	<0.2	<0.1	<0.2	<0.2	<0.1	<0.4	<0.2	<0.1	<0.1	<0.2	<0.1	<0.1
I11-SB02-1-S	SB02	8/16/94	10.25	BCA	<500	<500	<250	<500	<250	<500	<500	<250	<1000	<500	<250	<250	<500	<250	<250
I11-SB02-2-S	SB02	8/16/94	20.25	BCA	<0.2	<0.2	<0.1	<0.2	<0.1	<0.2	<0.2	<0.1	<0.3	<0.2	<0.1	<0.1	<0.2	<0.1	<0.1
I11-SB02-3-S	SB02	8/16/94	30.25	BCA	<0.2	<0.2	<0.1	<0.2	<0.1	<0.2	<0.2	<0.1	<0.3	<0.2	<0.1	<0.1	<0.2	<0.1	<0.1
I11-SS01-1-S	SS01	7/13/94	0	BCA	<20	<20	<10	<20	<10	<20	<20	<10	<30	<20	<10	<10	<20	<10	<10
I11-SS02-1-S	SS02	7/13/94	0	BCA	<500	<500	<250	<500	<250	<500	<500	<250	<1000	<500	<250	<250	<500	<250	<250
Analyses					9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
Detections					0	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	0
Maximum Concentration					0	0	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	4800	NE	24000	0.96
HWAD - PCG Hits					NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	0	NE	0	0

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

SVOCs
Method 8270 (BCA)

Sample ID	Location ID	Sample Date	Depth (feet)	Lab	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzoic acid	Benzyl Alcohol	Bis(2-chloroethoxy)methane	Bis(2-chloroethyl)ether	Bis(2-chloroisopropyl)ether	Bis(2-ethylhexyl)phthalate	Butylbenzylphthalate	Chrysene	Dibenzo(a,h)anthracene	Dibenzofuran	Dibutylphthalate
					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	mg/kg
I11-DP193	SB02	8/16/94	20.25	BCA	<0.1	<0.1	<0.1	<0.1	<1 R	<0.2	<0.2	<0.2	NA	<0.1	<0.1	<0.1	<0.1	<0.1	0.19 U
I11-SB01-1-S	SB01	8/15/94	10	BCA	<2.5	<2.5	<2.5	<2.5	<25 R	<5	<5	<5	NA	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
I11-SB01-2-S	SB01	8/15/94	20	BCA	<0.1	<0.1	<0.1	<0.1	<1 R	<0.2	<0.2	<0.2	NA	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
I11-SB01-3-S	SB01	8/15/94	30	BCA	<0.1	<0.1	<0.1	<0.1	<1 R	<0.2	<0.2	<0.2	NA	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
I11-SB02-1-S	SB02	8/16/94	10.25	BCA	<250	<250	<250	<250	<2550 R	<500	<500	<500	NA	140	<250	<250	<250	<250	<250
I11-SB02-2-S	SB02	8/16/94	20.25	BCA	<0.1	<0.1	<0.1	<0.1	<1 R	<0.2	<0.2	<0.2	NA	<0.1	<0.1	<0.1	<0.1	<0.1	0.27 U
I11-SB02-3-S	SB02	8/16/94	30.25	BCA	<0.1	<0.1	<0.1	<0.1	<1 R	<0.2	<0.2	<0.2	NA	<0.1	<0.1	<0.1	<0.1	<0.1	0.24 U
I11-SS01-1-S	SS01	7/13/94	0	BCA	<10	<10	<10	<10	<100 R	<20	<20	<20	NA	30	2.3 J	<10	<10	<10	<10
I11-SS02-1-S	SS02	7/13/94	0	BCA	<250	<250	<250	<250	<2500 R	<500	<500	<500	NA	180 J+	<250	<250	<250	<250	<250
Analyses					9	9	9	9	9	9	9	9	0	9	9	9	9	9	9
Detections					0	0	0	0	0	0	0	0	0	3	1	0	0	0	3
Minimum Concentration					0	0	0	0	0	0	0	0	0	30	2.3	0	0	0	0.19
Maximum Concentration					0	0	0	0	0	0	0	0	0	180	2.3	0	0	0	0.27
HWAD - PCG					0.1	0.96	NE	10	NE	NE	NE	NE	NE	1600	16000	96	0.96	NE	8000
HWAD - PCG Hits					0	0	NE	0	NE	NE	NE	NE	NE	0	0	0	0	NE	0

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

SVOCs
Method 8270 (BCA)

Sample ID	Location ID	Sample Date	Depth (feet)	Lab	Diethylphthalate	Dimethylphthalate	Di-n-octylphthalate	Fluoranthene	Fluorene	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno(1,2,3-c,d)pyrene	Isophorone	Naphthalene	Nitrobenzene	N-Nitrosodimethylamine	N-Nitrosodi-n-propylamine
					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	mg/kg
I11-DP193	SB02	8/16/94	20.25	BCA	<0.2	<0.2	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
I11-SB01-1-S	SB01	8/15/94	10	BCA	<5	<5	<2.5	<2.5	<2.5	<2.5	<5	<2.5	<5	<5	<5	<5	<5	<5	<5
I11-SB01-2-S	SB01	8/15/94	20	BCA	<0.2	<0.2	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
I11-SB01-3-S	SB01	8/15/94	30	BCA	<0.2	<0.2	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
I11-SB02-1-S	SB02	8/16/94	10.25	BCA	<500	<500	<250	<250	<250	<250	<500	<250	<500	<500	<500	<500	<500	<500	<500
I11-SB02-2-S	SB02	8/16/94	20.25	BCA	<0.2	<0.2	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
I11-SB02-3-S	SB02	8/16/94	30.25	BCA	<0.2	<0.2	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
I11-SS01-1-S	SS01	7/13/94	0	BCA	<20	<20	<10	<10	<10	<10	<20	<10	<20	<20	<20	<20	<20	<20	<20
I11-SS02-1-S	SS02	7/13/94	0	BCA	<500	<500	<250	<250	<250	<250	<500	<250	<500	<500	<500	<500	<500	<500	<500
Analyses					9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
Detections					0	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	0
Maximum Concentration					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HWAD - PCG					64000	NE	NE	3200	3200	NE	NE	NE	NE	NE	NE	3200	40	NE	NE
HWAD - PCG Hits					0	NE	NE	0	0	NE	NE	NE	NE	NE	NE	0	0	NE	NE

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

SVOCs
Method 8270 (BCA)

Sample ID	Location ID	Sample Date	Depth (feet)	Lab	N-Nitrosodiphenylamine	Pentachlorophenol	Phenanthrene	Phenol	Pyrene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
I11-DP193	SB02	8/16/94	20.25	BCA	<0.1	<0.1	<0.1	<0.1	<0.1
I11-SB01-1-S	SB01	8/15/94	10	BCA	<2.5	<2.5	<2.5	<2.5	<2.5
I11-SB01-2-S	SB01	8/15/94	20	BCA	<0.1	<0.1	<0.1	<0.1	<0.1
I11-SB01-3-S	SB01	8/15/94	30	BCA	<0.1	<0.1	<0.1	<0.1	<0.1
I11-SB02-1-S	SB02	8/16/94	10.25	BCA	<250	<250	<250	<250	<250
I11-SB02-2-S	SB02	8/16/94	20.25	BCA	<0.1	<0.1	<0.1	<0.1	<0.1
I11-SB02-3-S	SB02	8/16/94	30.25	BCA	<0.1	<0.1	<0.1	<0.1	<0.1
I11-SS01-1-S	SS01	7/13/94	0	BCA	<10	<10	<10	<10	<10
I11-SS02-1-S	SS02	7/13/94	0	BCA	<250	<250	<250	<250	<250
Analyses					9	9	9	9	9
Detections					0	0	0	0	0
Minimum Concentration					0	0	0	0	0
Maximum Concentration					0	0	0	0	0
HWAD - PCG					NE	NE	NE	48000	2400
HWAD - PCG Hits					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	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
					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
I11-TR01-1-S	TR01	3/2/97	2.5	APCL	0.17 J	<0.02	<0.012	<0.022	<0.014	<0.058	<0.061	<0.017	<0.016	<0.012	<0.016	<0.053	<0.009
I11-TR01-2-S	TR01	3/2/97	3.5	APCL	0.388	<0.02	<0.012	<0.022	<0.014	<0.059	<0.062	<0.018	<0.017	<0.012	<0.017	<0.054	<0.009
I11-TR01-3-S	TR01	3/2/97	8	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
I11-TR01-4-S	TR01	3/2/97	5	APCL	<0.058	<0.02	<0.012	<0.022	<0.014	<0.059	<0.062	<0.018	<0.017	<0.012	<0.017	<0.055	<0.009
I11-TR01-5-S	TR01	3/2/97	8	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
Analyses					5	5	5	5	5	5	5	5	5	5	5	5	5
Detections					2	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration					0.17	0	0	0	0	0	0	0	0	0	0	0	0
Maximum Concentration					0.388	0	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
HWAD - PCG Hits					0	0	0	0	NE	0	NE	NE	0	NE	NE	NE	0

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

SVOCs
Method 8270B (APCL)

Sample ID	Location ID	Sample Date	Depth (feet)	Lab	Fluorene	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
					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
I11-TR01-1-S	TR01	3/2/97	2.5	APCL	<0.015	<0.011	<0.091	<0.15	<0.022	<0.008	<0.016	<0.017	<0.015	<0.049	<0.02	<0.017	<0.012
I11-TR01-2-S	TR01	3/2/97	3.5	APCL	<0.015	<0.011	<0.093	<0.15	<0.022	<0.008	<0.017	<0.018	<0.015	<0.05	<0.02	<0.018	<0.012
I11-TR01-3-S	TR01	3/2/97	8	APCL	<0.014	<0.01	<0.086	<0.14	<0.02	<0.007	<0.015	<0.016	<0.014	<0.046	<0.018	<0.016	<0.011
I11-TR01-4-S	TR01	3/2/97	5	APCL	<0.016	<0.011	<0.094	<0.16	<0.022	<0.008	<0.017	<0.018	<0.016	<0.05	<0.02	<0.018	<0.012
I11-TR01-5-S	TR01	3/2/97	8	APCL	<0.015	<0.01	<0.087	<0.15	<0.021	<0.007	<0.016	<0.017	<0.015	<0.047	<0.019	<0.017	<0.011
Analyses					5	5	5	5	5	5	5	5	5	5	5	5	5
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					3200	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
HWAD - PCG Hits					0	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-Chlorophenyl phenyl ether	4-Methylphenol	4-Nitroaniline	4-Nitrophenol	7,12-Dimethylbenz(a)anthracene	a,a-Dimethylphenethylamine	Acenaphthene	Acenaphthylene	Acetophenone	Aniline	Anthracene	Benzidine	Benzo(a)anthracene
					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
I11-TR01-1-S	TR01	3/2/97	2.5	APCL	<0.013	<0.021	<0.063	<0.073	<0.11	<0.049	<0.016	<0.017	<0.015	<0.052	<0.014	<0.017	<0.014
I11-TR01-2-S	TR01	3/2/97	3.5	APCL	<0.013	<0.021	<0.064	<0.074	<0.11	<0.05	<0.017	<0.018	<0.015	<0.053	<0.014	<0.018	<0.014
I11-TR01-3-S	TR01	3/2/97	8	APCL	<0.012	<0.019	<0.059	<0.068	<0.099	<0.046	<0.015	<0.016	<0.014	<0.049	<0.013	<0.016	<0.013
I11-TR01-4-S	TR01	3/2/97	5	APCL	<0.013	<0.021	<0.065	<0.075	<0.11	<0.05	<0.017	<0.018	<0.016	<0.053	<0.014	<0.018	<0.014
I11-TR01-5-S	TR01	3/2/97	8	APCL	<0.012	<0.02	<0.06	<0.069	<0.1	<0.047	<0.016	<0.017	<0.015	<0.05	<0.013	<0.017	<0.013
Analyses					5	5	5	5	5	5	5	5	5	5	5	5	5
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	4800	NE	NE	NE	24000	NE	0.96
HWAD - PCG Hits					NE	NE	NE	NE	NE	NE	0	NE	NE	NE	0	NE	0

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

SVOCs
Method 8270B (APCL)

Sample ID	Location ID	Sample Date	Depth (feet)	Lab	Benzo(a)pyrene	Benzo(b)fluoranthene	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
					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
I11-TR01-1-S	TR01	3/2/97	2.5	APCL	<0.009	<0.01	<0.009	<0.013	<0.11	<0.038	<0.023	<0.046	<0.066	<0.014	<0.021	<0.017	<0.015
I11-TR01-2-S	TR01	3/2/97	3.5	APCL	<0.009	<0.01	<0.009	<0.013	<0.11	<0.039	<0.023	<0.046	<0.067	<0.014	<0.021	<0.018	<0.015
I11-TR01-3-S	TR01	3/2/97	8	APCL	<0.008	<0.009	<0.008	<0.012	<0.1	<0.036	<0.021	<0.043	<0.062	<0.013	<0.019	<0.016	<0.014
I11-TR01-4-S	TR01	3/2/97	5	APCL	<0.009	<0.01	<0.009	<0.013	<0.11	<0.039	<0.023	<0.047	<0.068	<0.014	<0.021	<0.018	<0.016
I11-TR01-5-S	TR01	3/2/97	8	APCL	<0.008	<0.009	<0.008	<0.012	<0.1	<0.036	<0.022	<0.044	<0.063	<0.013	<0.02	<0.017	<0.015
Analyses					5	5	5	5	5	5	5	5	5	5	5	5	5
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					0.1	0.96	NE	10	NE	NE	NE	NE	3200	NE	NE	3200	40
HWAD - PCG Hits					0	0	NE	0	NE	NE	NE	NE	0	NE	NE	0	0

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

SVOCs
Method 8270B (APCL)

Sample ID	Location ID	Sample Date	Depth (feet)	Lab	p-Dimethylaminoazobenzene	Pentachlorobenzene	Pentachloronitrobenzene	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
					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
I11-TR01-1-S	TR01	3/2/97	2.5	APCL	<0.048	<0.016	<0.011	<0.21	<0.014	<0.037	<0.014	<0.017	<0.017	<0.02	<0.012	<0.048	<0.13
I11-TR01-2-S	TR01	3/2/97	3.5	APCL	<0.049	<0.017	<0.011	<0.21	<0.014	<0.038	<0.014	<0.018	<0.018	<0.02	<0.012	<0.049	<0.13
I11-TR01-3-S	TR01	3/2/97	8	APCL	<0.045	<0.015	<0.01	<0.19	<0.013	<0.035	<0.013	<0.016	<0.016	<0.018	<0.011	<0.045	<0.12
I11-TR01-4-S	TR01	3/2/97	5	APCL	<0.049	<0.017	<0.011	<0.21	<0.014	<0.038	<0.014	<0.018	<0.018	<0.02	<0.012	<0.049	<0.13
I11-TR01-5-S	TR01	3/2/97	8	APCL	<0.046	<0.016	<0.01	<0.2	<0.013	<0.035	<0.013	<0.017	<0.017	<0.019	<0.011	<0.046	<0.12
Analyses					5	5	5	5	5	5	5	5	5	5	5	5	5
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	7200	NE	NE	150	NE	NE
HWAD - PCG Hits					NE	NE	NE	NE	NE	NE	NE	0	NE	NE	0	NE	NE

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

Sample ID	Location ID	Sample Date	Depth (feet)	Lab	2,3,4,6-Tetrachlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	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)
					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
I11-TR01-1-S	TR01	3/2/97	2.5	APCL	<0.057	<0.018	<0.022	<0.014	<0.028	<0.16	<0.013	NA	<0.02	<0.025	<0.015	<0.017	<0.018
I11-TR01-2-S	TR01	3/2/97	3.5	APCL	<0.058	<0.019	<0.022	<0.014	<0.029	<0.17	<0.013	NA	<0.02	<0.025	<0.015	<0.018	<0.019
I11-TR01-3-S	TR01	3/2/97	8	APCL	<0.053	<0.017	<0.02	<0.013	<0.027	<0.15	<0.012	NA	<0.018	<0.023	<0.014	<0.016	<0.017
I11-TR01-4-S	TR01	3/2/97	5	APCL	<0.058	<0.019	<0.022	<0.014	<0.029	<0.17	<0.013	NA	<0.02	<0.026	<0.016	<0.018	<0.019
I11-TR01-5-S	TR01	3/2/97	8	APCL	<0.054	<0.018	<0.021	<0.013	<0.027	<0.16	<0.012	NA	<0.019	<0.024	<0.015	<0.017	<0.018
Analyses					5	5	5	5	5	5	5	0	5	5	5	5	5
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	2.6	NE	80	NE	NE	NE	NE
HWAD - PCG Hits					NE	NE	NE	NE	NE	NE	0	NE	0	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-Naphthylamine	2-Nitroaniline	2-Nitrophenol	2-Picoline	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
					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
I11-TR01-1-S	TR01	3/2/97	2.5	APCL	<0.085	<0.014	<0.018	<0.018	<0.01	NA	<0.017	NA	<0.073	<0.053	<0.012	<0.015	<0.013
I11-TR01-2-S	TR01	3/2/97	3.5	APCL	<0.086	<0.014	<0.019	<0.019	<0.01	NA	<0.018	NA	<0.074	<0.054	<0.012	<0.015	<0.013
I11-TR01-3-S	TR01	3/2/97	8	APCL	<0.08	<0.013	<0.017	<0.017	<0.009	NA	<0.016	NA	<0.068	<0.05	<0.011	<0.014	<0.012
I11-TR01-4-S	TR01	3/2/97	5	APCL	<0.087	<0.014	<0.019	<0.019	<0.01	NA	<0.018	NA	<0.075	<0.055	<0.012	<0.016	<0.013
I11-TR01-5-S	TR01	3/2/97	8	APCL	<0.081	<0.013	<0.018	<0.018	<0.009	NA	<0.017	NA	<0.069	<0.051	<0.011	<0.015	<0.012
Analyses					5	5	5	5	5	0	5	0	5	5	5	5	5
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	48000
HWAD - PCG Hits					NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	0

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

SVOCs
Method 8270B (APCL)

Sample ID	Location ID	Sample Date	Depth (feet)	Lab	Pronamide	Pyrene
					mg/kg	mg/kg
I11-TR01-1-S	TR01	3/2/97	2.5	APCL	<0.047	<0.014
I11-TR01-2-S	TR01	3/2/97	3.5	APCL	<0.048	<0.014
I11-TR01-3-S	TR01	3/2/97	8	APCL	<0.044	<0.013
I11-TR01-4-S	TR01	3/2/97	5	APCL	<0.048	<0.014
I11-TR01-5-S	TR01	3/2/97	8	APCL	<0.045	<0.013
Analyses					5	5
Detections					0	0
Minimum Concentration					0	0
Maximum Concentration					0	0
HWAD - PCG					NE	2400
HWAD - PCG Hits					NE	0

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

pH
Method 9045B (APCL)

Sample ID	Location ID	Sample Date	Depth (feet)	Lab	pH
					pH unit
I11-TR01-1-S	TR01	3/2/97	2.5	APCL	8.95
I11-TR01-2-S	TR01	3/2/97	3.5	APCL	9.18
I11-TR01-3-S	TR01	3/2/97	8	APCL	8.32
I11-TR01-4-S	TR01	3/2/97	5	APCL	9.08
I11-TR01-5-S	TR01	3/2/97	8	APCL	8.63
Analyses					5
Detections					5
Minimum Concentration					8.32
Maximum Concentration					9.18
HWAD - PCG					NE
HWAD - PCG Hits					NE

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

Moisture
Method ASTM D 2216 (APCL)

Sample ID	Location ID	Sample Date	Depth (feet)	Lab	Moisture, percent in soil
					Percent
I11-TR01-1-S	TR01	3/2/97	2.5	APCL	8.1
I11-TR01-2-S	TR01	3/2/97	3.5	APCL	9.6
I11-TR01-3-S	TR01	3/2/97	8	APCL	2
I11-TR01-4-S	TR01	3/2/97	5	APCL	10.2
I11-TR01-5-S	TR01	3/2/97	8	APCL	3.5
Analyses					5
Detections					5
Minimum Concentration					2
Maximum Concentration					10.2
HWAD - PCG					NE
HWAD - PCG Hits					NE

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

Moisture
Method D 2216 (BCA)

Sample ID	Location ID	Sample Date	Depth (feet)	Lab	Moisture/TNFR
					Percent
I11-DP192	SB01	8/15/94	10	BCA	NA
I11-DP193	SB02	8/16/94	20.25	BCA	NA
I11-DP194	SB02	8/16/94	20.25	BCA	NA
I11-SB01-1-S	SB01	8/15/94	10	BCA	NA
I11-SB01-2-S	SB01	8/15/94	20	BCA	NA
I11-SB01-3-S	SB01	8/15/94	30	BCA	NA
I11-SB02-1-S	SB02	8/16/94	10.25	BCA	NA
I11-SB02-2-S	SB02	8/16/94	20.25	BCA	NA
I11-SB02-3-S	SB02	8/16/94	30.25	BCA	NA
I11-SS01-1-S	SS01	7/13/94	0	BCA	NA
I11-SS02-1-S	SS02	7/13/94	0	BCA	NA
Analyses					0
Detections					0
Minimum Concentration					0
Maximum Concentration					0
HWAD - PCG					NE
HWAD - PCG Hits					NE

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

Moisture
Method D 2216 (Quanterra)

Sample ID	Location ID	Sample Date	Depth (feet)	Lab	Moisture/TNFR
					Percent
I11-DP193	SB02	8/16/94	20.25	Quanterra	NA
I11-SB02-1-S	SB02	8/16/94	10.25	Quanterra	NA
I11-SB02-2-S	SB02	8/16/94	20.25	Quanterra	NA
I11-SB02-3-S	SB02	8/16/94	30.25	Quanterra	NA
Analyses					0
Detections					0
Minimum Concentration					0
Maximum Concentration					0
HWAD - PCG					NE
HWAD - PCG Hits					NE

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

pH and Soil Moisture
USEPA Methods 9045B and ASTM D 2216 (APCL)

Sample ID	Location ID	Sample Date	Depth	pH	Moisture, percent in soil
				pH unit	Percent
I11-TP01-01	TP01	5/2/2000	3	8.69	5.6
I11-TP01-02	TP01	5/2/2000	3	9.45	4.9
I11-TP01-03	TP01	5/2/2000	3	9.65	2.7

Analyses	3	3
Detections	3	3
Minimum Concentration	8.69	2.7
Maximum Concentration	9.65	5.6
HWAD - PCG		
HWAD - PCG Hits		

Metals
USEPA Method 6010A (APCL)

Sample ID	Location ID	Sample Date	Depth	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
I11-TP01-01	TP01	5/2/2000	3	NA	NA	NA	NA	NA	NA	4.4	NA	NA	NA
I11-TP01-02	TP01	5/2/2000	3	NA	NA	NA	NA	NA	NA	4.1	NA	NA	NA
I11-TP01-03	TP01	5/2/2000	3	NA	NA	NA	NA	NA	NA	200	NA	NA	NA
Analyses				0	0	0	0	0	0	3	0	0	0
Detections				0	0	0	0	0	0	3	0	0	0
Minimum Concentration				0	0	0	0	0	0	4.1	0	0	0
Maximum Concentration				0	0	0	0	0	0	200	0	0	0
HWAD - PCG				80000	100	2000	1	20	20	100		20	100
HWAD - PCG Hits				0	0	0	0	0	0	1		0	0

Monitoring Well Evaluation Checklist for Well No. IRPMW49

SWMU / Area	49 Group
Aquifer	SW
Well Condition	
Good	Yes
Describe Problems	None
Purpose of Well	
Primary	Downgradient of SWMUs I09/10 and I11
Secondary	Regional groundwater data
Retain for Chemical Monitoring (list compounds)	VOCs
Proposed Sample Frequency	Quarterly

Analytical Results

	Sampling Events	Date First Sampled	Date Last Sampled	Analyses	Detections	Highest Concentration	HWAD GW AL	Exceeds Standard
Explosive	12	2/1/97	11/17/99	13	2	--	--	Yes
RDX					1	2	0.61	1
Tetryl					1	0.3	NE	0
VOC	12	2/1/97	11/17/99	13	3	--	--	No
IPB					1	0.6	19	0
MeCl					2	0.7	5	0
SVOC	12	2/1/97	11/17/99	13	17	--	--	Yes
Bis(2-ethylhexyl)phthalate					6	270	6	4
Butyl benzyl phthalate					9	17	100	0
Di-n-butylphthalate					2	2	3700	0
Nitrogen Compounds	4	2/1/97	11/17/99	4	3	--	--	No
Ammonia as Nitrogen					1	0.2	NE	0
Total Kjeldahl Nitrogen					3	0.4	NE	0

ND = Non-detect
NE = Not established

Water Characteristics

Sample ID	ample Date	Ammonia as Nitrogen	Calcium, Total	Iron, Total	Kjeldahl Nitrogen, Total	Magnesium, Total	Potassium, Total	Sodium, Total
		mg/l	ug/l	ug/l	mg/l	ug/l	ug/l	ug/l
IRPMW49-020197-W	2/1/97	<0.06	81700	51.3	0.4	12400	10100	202000
IRPMW49-042697-W	4/26/97	<0.06	79300	73.7	<0.1	12100	12900	190000
IRPMW49A-072397-W	7/23/97	NA	NA	NA	NA	NA	NA	NA
IRPMW49B-072397-W	7/23/97	NA	NA	NA	NA	NA	NA	NA
IRPMW49-101597-W	10/15/97	NA	NA	NA	NA	NA	NA	NA
IRPMW49-030898-W	3/8/98	<0.07	80500	<2.7	0.2	12100	12800 E	201000
IRPMW49-060498-W	6/4/98	NA	NA	NA	NA	NA	NA	NA
IRPMW49-090398-W	9/3/98	NA	NA	NA	NA	NA	NA	NA
IRPMW49-120298-W	12/2/98	NA	NA	NA	NA	NA	NA	NA
IRPMW49-021799-W	2/17/99	0.2 J	87400 J	9 J	0.3	13500 J	15300 J	221000 J
IRPMW49-052099-W	5/20/99	NA	NA	NA	NA	NA	NA	NA
IRPMW49-081299-W	8/12/99	NA	NA	NA	NA	NA	NA	NA
IRPMW49-111799-W	11/17/99	NA	NA	NA	NA	NA	NA	NA
Analyses		4	4	4	4	4	4	4
Detections		1	4	3	3	4	4	4
Minimum Concentration		0.2	79300	9	0.2	12100	10100	190000
Maximum Concentration		0.2	87400	73.7	0.4	13500	15300	221000
HWAD_-_GW_Action_Level				11000				
HWAD_-_GW_Action_Level Hits				0				

Water Characteristics

Sample ID	ample Date	Solids, Total Dissolved
		mg/l
IRPMW49-020197-W	2/1/97	959
IRPMW49-042697-W	4/26/97	959
IRPMW49A-072397-W	7/23/97	NA
IRPMW49B-072397-W	7/23/97	NA
IRPMW49-101597-W	10/15/97	NA
IRPMW49-030898-W	3/8/98	NA
IRPMW49-060498-W	6/4/98	NA
IRPMW49-090398-W	9/3/98	NA
IRPMW49-120298-W	12/2/98	NA
IRPMW49-021799-W	2/17/99	NA
IRPMW49-052099-W	5/20/99	NA
IRPMW49-081299-W	8/12/99	NA
IRPMW49-111799-W	11/17/99	NA

Analyses	2
Detections	2
Minimum Concentration	959
Maximum Concentration	959

HWAD_-_GW_Action_Level
HWAD_-_GW_Action_Level Hits

Nitrogen Compounds

Sample ID	ample Date	Ammonia as Nitrogen	Kjeldahl Nitrogen, Total	Nitrate as N	Nitrite as N	Nitrate plus Nitrite as N
		mg/l	mg/l	mg/l	mg/l	mg/l
IRPMW49-020197-W	2/1/97	<0.06	0.4	NA	NA	NA
IRPMW49-042697-W	4/26/97	<0.06	<0.1	NA	NA	NA
IRPMW49A-072397-W	7/23/97	NA	NA	NA	NA	NA
IRPMW49B-072397-W	7/23/97	NA	NA	NA	NA	NA
IRPMW49-101597-W	10/15/97	NA	NA	NA	NA	NA
IRPMW49-030898-W	3/8/98	<0.07	0.2	NA	NA	NA
IRPMW49-060498-W	6/4/98	NA	NA	NA	NA	NA
IRPMW49-090398-W	9/3/98	NA	NA	NA	NA	NA
IRPMW49-120298-W	12/2/98	NA	NA	NA	NA	NA
IRPMW49-021799-W	2/17/99	0.2 J	0.3	NA	NA	NA
IRPMW49-052099-W	5/20/99	NA	NA	NA	NA	NA
IRPMW49-081299-W	8/12/99	NA	NA	NA	NA	NA
IRPMW49-111799-W	11/17/99	NA	NA	NA	NA	NA
Analyses		4	4	0	0	0
Detections		1	3	0	0	0
Minimum Concentration		0.2	0.2	0	0	0
Maximum Concentration		0.2	0.4	0	0	0
HWAD_-_GW_Action_Level				10	1	1
HWAD_-_GW_Action_Level Hits				0	0	0

Total Metals

Sample ID	ample Date	Arsenic, Total	Barium, Total	Beryllium, Total	Cadmium, Total	Chromium, Hexavalent	Chromium, Total	Lead, Total	Mercury, Total
		ug/l	ug/l	ug/l	ug/l	mg/l	ug/l	ug/l	ug/l
IRPMW49-020197-W	2/1/97	7	NA	<0.2	<0.1	NA	4.1 J	<0.6	<0.15
IRPMW49-042697-W	4/26/97	11.2	NA	<0.2	<0.1	NA	4.1 J	<0.6	<0.15
IRPMW49A-072397-W	7/23/97	NA	NA	NA	NA	NA	NA	NA	NA
IRPMW49B-072397-W	7/23/97	NA	NA	NA	NA	NA	NA	NA	NA
IRPMW49-101597-W	10/15/97	NA	NA	NA	NA	NA	NA	NA	NA
IRPMW49-030898-W	3/8/98	15.6	26.1	NA	<0.51	NA	<1	<0.9	<0.16
IRPMW49-060498-W	6/4/98	NA	NA	NA	NA	NA	NA	NA	NA
IRPMW49-090398-W	9/3/98	NA	NA	NA	NA	NA	NA	NA	NA
IRPMW49-120298-W	12/2/98	NA	NA	NA	NA	NA	NA	NA	NA
IRPMW49-021799-W	2/17/99	14.7 J	24 J	NA	<0.61 UJ	NA	2.4 J	<1.1 UJ	0.33 J
IRPMW49-052099-W	5/20/99	NA	NA	NA	NA	NA	NA	NA	NA
IRPMW49-081299-W	8/12/99	NA	NA	NA	NA	NA	NA	NA	NA
IRPMW49-111799-W	11/17/99	NA	NA	NA	NA	NA	NA	NA	NA
Analyses		4	2	2	4	0	4	4	4
Detections		4	2	0	0	0	3	0	1
Minimum Concentration		7	24	0	0	0	2.4	0	0.33
Maximum Concentration		15.6	26.1	0	0	0	4.1	0	0.33
HWAD_-_GW_Action_Level		50	2000	4	5	0.18	100	15	2
HWAD_-_GW_Action_Level Hits		0	0	0	0	0	0	0	0

Total Metals

Sample ID	ample Date	Selenium, Total	Silver, Total
		ug/l	ug/l
IRPMW49-020197-W	2/1/97	6.1	<1.1
IRPMW49-042697-W	4/26/97	<2.3	<1.1
IRPMW49A-072397-W	7/23/97	NA	NA
IRPMW49B-072397-W	7/23/97	NA	NA
IRPMW49-101597-W	10/15/97	NA	NA
IRPMW49-030898-W	3/8/98	5.6	<1
IRPMW49-060498-W	6/4/98	NA	NA
IRPMW49-090398-W	9/3/98	NA	NA
IRPMW49-120298-W	12/2/98	NA	NA
IRPMW49-021799-W	2/17/99	<1.9 UJ	<0.9 UJ
IRPMW49-052099-W	5/20/99	NA	NA
IRPMW49-081299-W	8/12/99	NA	NA
IRPMW49-111799-W	11/17/99	NA	NA
Analyses		4	4
Detections		2	0
Minimum Concentration		5.6	0
Maximum Concentration		6.1	0
HWAD_-_GW_Action_Level		180	180
HWAD_-_GW_Action_Level Hits		0	0

Dissolved Metals

Sample ID	ample Date	Arsenic, Dissolved	Barium, Dissolved	Beryllium, Dissolved	Cadmium, Dissolved	Chromium, Dissolved	Lead, Dissolved	Mercury, Dissolved	Selenium, Dissolved
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
IRPMW49-020197-W	2/1/97	9	NA	<0.2	<0.1	3.9 J	<0.6	<0.15	6.2
IRPMW49-042697-W	4/26/97	12.8	NA	<0.2	0.18 J	2.6 J	0.91 J	<0.15	<2.3
IRPMW49A-072397-W	7/23/97	NA	NA	NA	NA	NA	NA	NA	NA
IRPMW49B-072397-W	7/23/97	NA	NA	NA	NA	NA	NA	NA	NA
IRPMW49-101597-W	10/15/97	NA	NA	NA	NA	NA	NA	NA	NA
IRPMW49-030898-W	3/8/98	15.4	26.7	NA	<0.51	<1	<0.9	<0.16	<2
IRPMW49-060498-W	6/4/98	NA	NA	NA	NA	NA	NA	NA	NA
IRPMW49-090398-W	9/3/98	NA	NA	NA	NA	NA	NA	NA	NA
IRPMW49-120298-W	12/2/98	NA	NA	NA	NA	NA	NA	NA	NA
IRPMW49-021799-W	2/17/99	19.3	29	NA	<0.61	1.9 J	<1.1	0.29 J	<1.9
IRPMW49-052099-W	5/20/99	NA	NA	NA	NA	NA	NA	NA	NA
IRPMW49-081299-W	8/12/99	NA	NA	NA	NA	NA	NA	NA	NA
IRPMW49-111799-W	11/17/99	NA	NA	NA	NA	NA	NA	NA	NA
Analyses		4	2	2	4	4	4	4	4
Detections		4	2	0	1	3	1	1	1
Minimum Concentration		9	26.7	0	0.18	1.9	0.91	0.29	6.2
Maximum Concentration		19.3	29	0	0.18	3.9	0.91	0.29	6.2
HWAD_-_GW_Action_Level		50		4	5	100	15	2	180
HWAD_-_GW_Action_Level Hits		0		0	0	0	0	0	0

Dissolved Metals

Sample ID	ample Date	Silver, Dissolved
		ug/l
IRPMW49-020197-W	2/1/97	<1.1
IRPMW49-042697-W	4/26/97	<1.1
IRPMW49A-072397-W	7/23/97	NA
IRPMW49B-072397-W	7/23/97	NA
IRPMW49-101597-W	10/15/97	NA
IRPMW49-030898-W	3/8/98	<1
IRPMW49-060498-W	6/4/98	NA
IRPMW49-090398-W	9/3/98	NA
IRPMW49-120298-W	12/2/98	NA
IRPMW49-021799-W	2/17/99	<0.9
IRPMW49-052099-W	5/20/99	NA
IRPMW49-081299-W	8/12/99	NA
IRPMW49-111799-W	11/17/99	NA

Analyses	4
Detections	0
Minimum Concentration	0
Maximum Concentration	0
HWAD_-_GW_Action_Level	180
HWAD_-_GW_Action_Level Hits	0

Pesticides

		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
IRPMW49-020197-W	2/1/97	<0.039	<0.009	<0.009	<0.014	<0.003	<0.002
IRPMW49-042697-W	4/26/97	<0.039	<0.009	<0.009	<0.014	<0.032	<0.022
IRPMW49A-072397-W	7/23/97	NA	NA	NA	NA	NA	NA
IRPMW49B-072397-W	7/23/97	NA	NA	NA	NA	NA	NA
IRPMW49-101597-W	10/15/97	NA	NA	NA	NA	NA	NA
IRPMW49-030898-W	3/8/98	NA	NA	NA	NA	NA	NA
IRPMW49-060498-W	6/4/98	NA	NA	NA	NA	NA	NA
IRPMW49-090398-W	9/3/98	NA	NA	NA	NA	NA	NA
IRPMW49-120298-W	12/2/98	NA	NA	NA	NA	NA	NA
IRPMW49-021799-W	2/17/99	NA	NA	NA	NA	NA	NA
IRPMW49-052099-W	5/20/99	NA	NA	NA	NA	NA	NA
IRPMW49-081299-W	8/12/99	NA	NA	NA	NA	NA	NA
IRPMW49-111799-W	11/17/99	NA	NA	NA	NA	NA	NA
Analyses		2	2	2	2	2	2
Detections		0	0	0	0	0	0
Minimum Concentration		0	0	0	0	0	0
Maximum Concentration		0	0	0	0	0	0
HWAD_-_GW_Action_Level		370	50	70	290	0.28	0.2
HWAD_-_GW_Action_Level Hits		0	0	0	0	0	0

Pesticides

		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
IRPMW49-020197-W	2/1/97	<0.003	<0.003	<0.002	<0.001	<0.027	<0.029
IRPMW49-042697-W	4/26/97	<0.032	<0.026	<0.018	<0.013	<0.05	<0.029
IRPMW49A-072397-W	7/23/97	NA	NA	NA	NA	NA	NA
IRPMW49B-072397-W	7/23/97	NA	NA	NA	NA	NA	NA
IRPMW49-101597-W	10/15/97	NA	NA	NA	NA	NA	NA
IRPMW49-030898-W	3/8/98	NA	NA	NA	NA	NA	NA
IRPMW49-060498-W	6/4/98	NA	NA	NA	NA	NA	NA
IRPMW49-090398-W	9/3/98	NA	NA	NA	NA	NA	NA
IRPMW49-120298-W	12/2/98	NA	NA	NA	NA	NA	NA
IRPMW49-021799-W	2/17/99	NA	NA	NA	NA	NA	NA
IRPMW49-052099-W	5/20/99	NA	NA	NA	NA	NA	NA
IRPMW49-081299-W	8/12/99	NA	NA	NA	NA	NA	NA
IRPMW49-111799-W	11/17/99	NA	NA	NA	NA	NA	NA
Analyses		2	2	2	2	2	2
Detections		0	0	0	0	0	0
Minimum Concentration		0	0	0	0	0	0
Maximum Concentration		0	0	0	0	0	0
HWAD_-_GW_Action_Level		0.2	0.004	0.011	0.037	2	200
HWAD_-_GW_Action_Level Hits		0	0	0	0	0	0

Pesticides

		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
IRPMW49-020197-W	2/1/97	<0.001	<0.008	<0.01	<0.003	<0.027	<0.004
IRPMW49-042697-W	4/26/97	<0.011	<0.008	<0.01	<0.027	<0.027	<0.038
IRPMW49A-072397-W	7/23/97	NA	NA	NA	NA	NA	NA
IRPMW49B-072397-W	7/23/97	NA	NA	NA	NA	NA	NA
IRPMW49-101597-W	10/15/97	NA	NA	NA	NA	NA	NA
IRPMW49-030898-W	3/8/98	NA	NA	NA	NA	NA	NA
IRPMW49-060498-W	6/4/98	NA	NA	NA	NA	NA	NA
IRPMW49-090398-W	9/3/98	NA	NA	NA	NA	NA	NA
IRPMW49-120298-W	12/2/98	NA	NA	NA	NA	NA	NA
IRPMW49-021799-W	2/17/99	NA	NA	NA	NA	NA	NA
IRPMW49-052099-W	5/20/99	NA	NA	NA	NA	NA	NA
IRPMW49-081299-W	8/12/99	NA	NA	NA	NA	NA	NA
IRPMW49-111799-W	11/17/99	NA	NA	NA	NA	NA	NA
Analyses		2	2	2	2	2	2
Detections		0	0	0	0	0	0
Minimum Concentration		0	0	0	0	0	0
Maximum Concentration		0	0	0	0	0	0
HWAD_-_GW_Action_Level			1100		0.0042	7	220
HWAD_-_GW_Action_Level Hits			0		0	0	0

Pesticides

		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
IRPMW49-020197-W	2/1/97	<0.003	<0.014	<0.0008	<0.003	<0.002	<0.002
IRPMW49-042697-W	4/26/97	<0.025	<0.14	<0.008	<0.028	<0.02	<0.017
IRPMW49A-072397-W	7/23/97	NA	NA	NA	NA	NA	NA
IRPMW49B-072397-W	7/23/97	NA	NA	NA	NA	NA	NA
IRPMW49-101597-W	10/15/97	NA	NA	NA	NA	NA	NA
IRPMW49-030898-W	3/8/98	NA	NA	NA	NA	NA	NA
IRPMW49-060498-W	6/4/98	NA	NA	NA	NA	NA	NA
IRPMW49-090398-W	9/3/98	NA	NA	NA	NA	NA	NA
IRPMW49-120298-W	12/2/98	NA	NA	NA	NA	NA	NA
IRPMW49-021799-W	2/17/99	NA	NA	NA	NA	NA	NA
IRPMW49-052099-W	5/20/99	NA	NA	NA	NA	NA	NA
IRPMW49-081299-W	8/12/99	NA	NA	NA	NA	NA	NA
IRPMW49-111799-W	11/17/99	NA	NA	NA	NA	NA	NA
Analyses		2	2	2	2	2	2
Detections		0	0	0	0	0	0
Minimum Concentration		0	0	0	0	0	0
Maximum Concentration		0	0	0	0	0	0
HWAD_-_GW_Action_Level				2			0.2
HWAD_-_GW_Action_Level Hits				0			0

Pesticides

		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
IRPMW49-020197-W	2/1/97	<0.002	<0.0009	<1	<1	<0.003	<0.029
IRPMW49-042697-W	4/26/97	<0.024	<0.009	<1 UJ	<1 UJ	<0.026	<0.29
IRPMW49A-072397-W	7/23/97	NA	NA	NA	NA	NA	NA
IRPMW49B-072397-W	7/23/97	NA	NA	NA	NA	NA	NA
IRPMW49-101597-W	10/15/97	NA	NA	NA	NA	NA	NA
IRPMW49-030898-W	3/8/98	NA	NA	NA	NA	NA	NA
IRPMW49-060498-W	6/4/98	NA	NA	NA	NA	NA	NA
IRPMW49-090398-W	9/3/98	NA	NA	NA	NA	NA	NA
IRPMW49-120298-W	12/2/98	NA	NA	NA	NA	NA	NA
IRPMW49-021799-W	2/17/99	NA	NA	NA	NA	NA	NA
IRPMW49-052099-W	5/20/99	NA	NA	NA	NA	NA	NA
IRPMW49-081299-W	8/12/99	NA	NA	NA	NA	NA	NA
IRPMW49-111799-W	11/17/99	NA	NA	NA	NA	NA	NA
Analyses		2	2	2	2	2	2
Detections		0	0	0	0	0	0
Minimum Concentration		0	0	0	0	0	0
Maximum Concentration		0	0	0	0	0	0
HWAD_-_GW_Action_Level		0.4	0.2	18	37	40	3
HWAD_-_GW_Action_Level Hits		0	0	0	0	0	0

Volatile Organic Compounds

Sample ID	ample Date	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
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
IRPMW49-020197-W	2/1/97	<0.2	<0.2	<0.2	<0.2	<0.3	<0.3	<0.3
IRPMW49-042697-W	4/26/97	<0.1	<0.1	<0.2	<0.2	<0.1	<0.7	<0.1
IRPMW49A-072397-W	7/23/97	<0.2	<0.1	<0.2	<0.2	<0.3	<0.5	<0.2
IRPMW49B-072397-W	7/23/97	<0.2	<0.1	<0.2	<0.2	<0.3	<0.5	<0.2
IRPMW49-101597-W	10/15/97	<0.2	<0.1	<0.2	<0.2	<0.3	<0.5	<0.2
IRPMW49-030898-W	3/8/98	<0.35	<0.36	<0.38	<0.36	<0.22	<0.34	<0.28
IRPMW49-060498-W	6/4/98	<0.17	<0.24	<0.17	<0.12	<0.17	<0.22	<0.24
IRPMW49-090398-W	9/3/98	<0.23	<0.23	<0.26	<0.27 UJ	<0.18	<0.28	<0.29
IRPMW49-120298-W	12/2/98	<0.17	<0.24	<0.17	<0.12	<0.17	<0.22	<0.24
IRPMW49-021799-W	2/17/99	<0.21	<0.14	<0.34	<0.22	<0.22	<0.31	<0.33
IRPMW49-052099-W	5/20/99	<0.05	<0.06	<0.11	<0.06	<0.07	<0.06	<0.05
IRPMW49-081299-W	8/12/99	<0.3	<0.06	<0.13	<0.17	<0.09	<0.13	<0.12
IRPMW49-111799-W	11/17/99	<0.21	<0.14	<0.34	<0.22	<0.22	<0.31	<0.33
Analyses		13	13	13	13	13	13	13
Detections		0	0	0	0	0	0	0
Minimum Concentration		0	0	0	0	0	0	0
Maximum Concentration		0	0	0	0	0	0	0
HWAD_-_GW_Action_Level		0.43	200	0.055	5	810	7	
HWAD_-_GW_Action_Level Hits		0	0	0	0	0	0	

Volatile Organic Compounds

Sample ID	ample Date	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,2-Dibromoethane (EDB)	1,2-Dichlorobenzene	1,2-Dichloroethane
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
IRPMW49-020197-W	2/1/97	<0.4	<0.8	<0.4	<0.2	<0.3	<0.2	<0.8
IRPMW49-042697-W	4/26/97	<0.5	<0.2	<0.3	<0.1	<0.2	<0.4	<0.2
IRPMW49A-072397-W	7/23/97	<0.3	<0.4	<0.3	<0.3	<0.3	<0.4	<0.5
IRPMW49B-072397-W	7/23/97	<0.3	<0.4	<0.3	<0.3	<0.3	<0.4	<0.5
IRPMW49-101597-W	10/15/97	<0.3	<0.4	<0.3	<0.3	<0.3	<0.4	<0.5
IRPMW49-030898-W	3/8/98	<0.3	<0.31	<0.3	<0.31	<0.31	<0.36	<0.36
IRPMW49-060498-W	6/4/98	<0.26	<0.17 UJ	<0.34	<0.15	<0.18	<0.15	<0.15
IRPMW49-090398-W	9/3/98	<0.15	<0.38	<0.29	<0.34	<0.34	<0.27	<0.21
IRPMW49-120298-W	12/2/98	<0.26	<0.17 UJ	<0.34	<0.15	<0.18	<0.15	<0.15
IRPMW49-021799-W	2/17/99	<0.28	<0.41	<0.33	<0.25	<0.17	<0.25	<0.31
IRPMW49-052099-W	5/20/99	<0.16	<0.12	<0.09	<0.09	<0.08	<0.07	<0.07
IRPMW49-081299-W	8/12/99	<0.2	<0.27	<0.09	<0.34	<0.1	<0.24	<0.07
IRPMW49-111799-W	11/17/99	<0.28	<0.41	<0.33	<0.25	<0.17	<0.25	<0.31
Analyses		13	13	13	13	13	13	13
Detections		0	0	0	0	0	0	0
Minimum Concentration		0	0	0	0	0	0	0
Maximum Concentration		0	0	0	0	0	0	0
HWAD_-_GW_Action_Level			0.0016	70	12	0.05	600	5
HWAD_-_GW_Action_Level Hits			0	0	0	0	0	0

Volatile Organic Compounds

Sample ID	ample Date	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	2,2-Dichloropropane	2-Chlorotoluene
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
IRPMW49-020197-W	2/1/97	<0.3	<0.2	<0.2	<0.2	<0.2	<0.2	<0.3
IRPMW49-042697-W	4/26/97	<0.1	<0.1	<0.2	<0.1	<0.2	<0.8 UJ-	<0.2
IRPMW49A-072397-W	7/23/97	<0.2	<0.2	<0.4	<0.2	<0.3	<0.4	<0.2
IRPMW49B-072397-W	7/23/97	<0.2	<0.2	<0.4	<0.2	<0.3	<0.4	<0.2
IRPMW49-101597-W	10/15/97	<0.2	<0.2	<0.4	<0.2	<0.3	<0.4	<0.2
IRPMW49-030898-W	3/8/98	<0.22	<0.38	<0.38	<0.36	<0.3	<0.31	<0.3
IRPMW49-060498-W	6/4/98	<0.17	<0.12	<0.24	<0.17	<0.17	<0.31	<0.36
IRPMW49-090398-W	9/3/98	<0.32	<0.3	<0.38	<0.16	<0.44	<0.21	<0.29
IRPMW49-120298-W	12/2/98	<0.17	<0.12	<0.24	<0.17	<0.17	<0.31	<0.36
IRPMW49-021799-W	2/17/99	<0.22	<0.27	<0.27	<0.14	<0.28	<0.57	<0.28
IRPMW49-052099-W	5/20/99	<0.07	<0.1	<0.07	<0.07	<0.09	<0.07 UJ-	<0.11
IRPMW49-081299-W	8/12/99	<0.14	<0.1	<0.08	<0.09	<0.12	<0.2	<0.14
IRPMW49-111799-W	11/17/99	<0.22	<0.27	<0.27	<0.14	<0.28	<0.57	<0.28
Analyses		13	13	13	13	13	13	13
Detections		0	0	0	0	0	0	0
Minimum Concentration		0	0	0	0	0	0	0
Maximum Concentration		0	0	0	0	0	0	0
HWAD_-_GW_Action_Level		5		17		75		120
HWAD_-_GW_Action_Level Hits		0		0		0		0

Sample ID	ample Date	4-Chlorotoluene	4-Isopropyltoluene	Benzene	Bromobenzene	Bromochloromethane	Bromodichloromethane	Bromoform
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
IRPMW49-020197-W	2/1/97	<0.3	<0.2	<0.2	<0.3	<0.5	<0.2	<0.4
IRPMW49-042697-W	4/26/97	<0.2	<0.3	<0.2	<0.1	<0.2	<0.1	<0.2
IRPMW49A-072397-W	7/23/97	<0.2	<0.2	<0.2	<0.3	<0.4	<0.2	<0.2
IRPMW49B-072397-W	7/23/97	<0.2	<0.2	<0.2	<0.3	<0.4	<0.2	<0.2
IRPMW49-101597-W	10/15/97	<0.2	<0.2	<0.2	<0.3	<0.4	<0.2	<0.2
IRPMW49-030898-W	3/8/98	<0.4	<0.36	<0.36	<0.31	<0.47	<0.34	<0.35
IRPMW49-060498-W	6/4/98	<0.36	<0.15	<0.36	<0.15	<0.25	<0.15	<0.26 UJ
IRPMW49-090398-W	9/3/98	<0.38	<0.38	<0.14	<0.32	<0.33	<0.29	<0.45
IRPMW49-120298-W	12/2/98	<0.36	<0.15	<0.36	<0.15	<0.25	<0.15	<0.26
IRPMW49-021799-W	2/17/99	<0.37	<0.22	<0.33	<0.3	<0.4	<0.18	<0.27
IRPMW49-052099-W	5/20/99	<0.11	<0.1	<0.09	<0.07	<0.06	<0.06	<0.08
IRPMW49-081299-W	8/12/99	<0.21	<0.08	<0.1	<0.12	<0.26	<0.09	<0.2
IRPMW49-111799-W	11/17/99	<0.37	<0.22	<0.33	<0.3	<0.4	<0.18	<0.27
Analyses		13	13	13	13	13	13	13
Detections		0	0	0	0	0	0	0
Minimum Concentration		0	0	0	0	0	0	0
Maximum Concentration		0	0	0	0	0	0	0
HWAD_-_GW_Action_Level				5			100	100
HWAD_-_GW_Action_Level Hits				0			0	0

Volatile Organic Compounds

Sample ID	ample Date	Bromomethane	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethene
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
IRPMW49-020197-W	2/1/97	<0.2	<0.2	<0.3	<0.2	<0.2	<0.2	<0.2
IRPMW49-042697-W	4/26/97	<0.2 UJ	<0.1 UJ	<0.1	<0.2	<0.1	<0.2	<0.2
IRPMW49A-072397-W	7/23/97	<0.1	<0.2	<0.2	<0.2	<0.2	<0.3	<0.2
IRPMW49B-072397-W	7/23/97	<0.1	<0.2	<0.2	<0.2	<0.2	<0.3	<0.2
IRPMW49-101597-W	10/15/97	<0.1	<0.2	<0.2	<0.2	<0.2	<0.3	<0.2
IRPMW49-030898-W	3/8/98	<0.96	<0.35	<0.26	<0.57	<0.38	<0.72	<0.28
IRPMW49-060498-W	6/4/98	<0.46	<0.24	<0.26	<0.22	<0.15	<0.3 UJ	<0.26
IRPMW49-090398-W	9/3/98	<0.45	<0.27	<0.23	<0.48	<0.22	<0.44	<0.3
IRPMW49-120298-W	12/2/98	<0.46	<0.24	<0.26	<0.22	<0.15	<0.3	<0.26
IRPMW49-021799-W	2/17/99	<1.3 UJ	<0.43 UJ-	<0.23	<0.53 UJ-	<0.24	<0.34	<0.26
IRPMW49-052099-W	5/20/99	<0.08	<0.06	<0.05	<0.07	<0.07	<0.34	<0.17
IRPMW49-081299-W	8/12/99	<0.39	<0.18	<0.14	<0.43	<0.1	<0.49	<0.1
IRPMW49-111799-W	11/17/99	<1.3	<0.43	<0.23	<0.53	<0.24	<0.34	<0.26
Analyses		13	13	13	13	13	13	13
Detections		0	0	0	0	0	0	0
Minimum Concentration		0	0	0	0	0	0	0
Maximum Concentration		0	0	0	0	0	0	0
HWAD_-_GW_Action_Level		8.7	5	100		100	1.5	70
HWAD_-_GW_Action_Level Hits		0	0	0		0	0	0

Volatile Organic Compounds

Sample ID	ample Date	cis-1,3-Dichloropropene	Dibromochloromethane	Dibromochloropropane	Dibromomethane	Dichlorodifluoromethane	Ethylbenzene	Hexachlorobutadiene
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
IRPMW49-020197-W	2/1/97	NA	<0.2	<0.9	<0.2	<0.2	<0.3	<0.4
IRPMW49-042697-W	4/26/97	<0.2	<0.1	<0.2	<0.2	<0.1	<0.2	<0.3
IRPMW49A-072397-W	7/23/97	<0.2	<0.2	<0.5 UJ	<0.2	<0.5	<0.2	<0.2
IRPMW49B-072397-W	7/23/97	<0.2	<0.2	<0.5 UJ	<0.2	<0.5	<0.2	<0.2
IRPMW49-101597-W	10/15/97	<0.2	<0.2	<0.5	<0.2	<0.5	<0.2	<0.2
IRPMW49-030898-W	3/8/98	<0.22	<0.28	<0.63	<0.31	<0.47	<0.36	<0.36
IRPMW49-060498-W	6/4/98	<0.17	<0.17	<0.28 UJ	<0.17	<0.31	<0.24	<0.36
IRPMW49-090398-W	9/3/98	<0.19	<0.27	<0.45 UJ	<0.45	<0.43	<0.23	<0.28
IRPMW49-120298-W	12/2/98	<0.17	<0.17	<0.28	<0.17	<0.31	<0.24	<0.36
IRPMW49-021799-W	2/17/99	<0.32	<0.2	<0.2	<0.25	<0.41	<0.34	<0.23
IRPMW49-052099-W	5/20/99	<0.04	<0.07	<0.13	<0.06	<0.06	<0.05	<0.12
IRPMW49-081299-W	8/12/99	<0.11	<0.1	<2.1	<0.27	<0.32	<0.03	<0.34
IRPMW49-111799-W	11/17/99	<0.32	<0.2	<0.2	<0.25	<0.41	<0.34	<0.23
Analyses		12	13	13	13	13	13	13
Detections		0	0	0	0	0	0	0
Minimum Concentration		0	0	0	0	0	0	0
Maximum Concentration		0	0	0	0	0	0	0
HWAD_-_GW_Action_Level			100	0.2		390	700	0.86
HWAD_-_GW_Action_Level Hits			0	0		0	0	0

Volatile Organic Compounds

Sample ID	ample Date	Isopropylbenzene	Methylene chloride	MTBE	n-Butylbenzene	n-Propylbenzene	Naphthalene	sec-Butylbenzene
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
IRPMW49-020197-W	2/1/97	0.6 J	<0.4	<0.5	<0.2	<0.3	<0.4	<0.2
IRPMW49-042697-W	4/26/97	<0.2	<0.7	<2.1	<0.3	<0.2	<0.8	<0.2
IRPMW49A-072397-W	7/23/97	<0.3	<0.6	<0.4	<0.3	<0.2	<0.3	<0.2
IRPMW49B-072397-W	7/23/97	<0.3	<0.6	<0.4	<0.3	<0.2	<0.3	<0.2
IRPMW49-101597-W	10/15/97	<0.3	<0.6	<0.4	<0.3	<0.2	<0.3	<0.2
IRPMW49-030898-W	3/8/98	<0.36	<0.6	<0.49	<0.22	<0.3	<0.22	<0.4
IRPMW49-060498-W	6/4/98	<0.15	<0.28 UJ-	<0.18	<0.49	<0.22	<0.28	<0.22
IRPMW49-090398-W	9/3/98	<0.29	<0.45	<0.55	<0.26	<0.27	<0.44	<0.37
IRPMW49-120298-W	12/2/98	<0.15	<0.28	<0.18	<0.49	<0.22	<0.28	<0.22
IRPMW49-021799-W	2/17/99	<0.24	<0.37	<0.41	<0.28	<0.2	<0.22	<0.2
IRPMW49-052099-W	5/20/99	<0.11	<0.06 UJ-	<0.13	<0.09	<0.1	<0.12 UJ	<0.1
IRPMW49-081299-W	8/12/99	<0.09	0.6	<0.16	<0.31	<0.16	<0.13	<0.1
IRPMW49-111799-W	11/17/99	<0.24	0.7 J	<0.41	<0.28	<0.2	<0.22	<0.2
Analyses		13	13	13	13	13	13	13
Detections		1	2	0	0	0	0	0
Minimum Concentration		0.6	0.6	0	0	0	0	0
Maximum Concentration		0.6	0.7	0	0	0	0	0
HWAD_-_GW_Action_Level		19	5	20			6.2	
HWAD_-_GW_Action_Level Hits		0	0	0			0	

Volatile Organic Compounds

Sample ID	ample Date	Styrene	tert-Butylbenzene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	trans-1,3-Dichloropropene	Trichloroethene
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
IRPMW49-020197-W	2/1/97	<0.2	<0.2	<0.3	<0.3	<0.3	NA	<0.3
IRPMW49-042697-W	4/26/97	<0.1	<0.3	<0.1	<0.1	<0.2	<0.2	<0.1
IRPMW49A-072397-W	7/23/97	<0.2	<0.2	<0.2	<0.3	<0.5	<0.3	<0.3
IRPMW49B-072397-W	7/23/97	<0.2	<0.2	<0.2	<0.3	<0.5	<0.3	<0.3
IRPMW49-101597-W	10/15/97	<0.2	<0.2	<0.2	<0.3	<0.5	<0.3	<0.3
IRPMW49-030898-W	3/8/98	<0.36	<0.3	<0.36	<0.97	<0.35	<0.36	<0.36
IRPMW49-060498-W	6/4/98	<0.28	<0.24	<0.35	<0.24	<0.25	<0.15	<0.24
IRPMW49-090398-W	9/3/98	<0.12	<0.25	<0.16	<0.21	<0.27	<0.32	<0.26
IRPMW49-120298-W	12/2/98	<0.28	<0.24	<0.35	<0.24	<0.25	<0.15	<0.24
IRPMW49-021799-W	2/17/99	<0.22	<0.21	<0.24	<0.37	<0.46	<0.48	<0.26
IRPMW49-052099-W	5/20/99	<0.07	<0.1	<0.07	<0.06	<0.07	<0.05	<0.05
IRPMW49-081299-W	8/12/99	<0.16	<0.17	<0.21	<0.4	<0.27	<0.14	<0.3
IRPMW49-111799-W	11/17/99	<0.22	<0.21	<0.24	<0.37	<0.46	<0.48	<0.26
Analyses		13	13	13	13	13	12	13
Detections		0	0	0	0	0	0	0
Minimum Concentration		0	0	0	0	0	0	0
Maximum Concentration		0	0	0	0	0	0	0
HWAD_-_GW_Action_Level		100		5	1000	100	0.081	5
HWAD_-_GW_Action_Level Hits		0		0	0	0	0	0

Volatile Organic Compounds

Sample ID	ample Date	Trichlorofluoromethane	Vinyl chloride	Xylenes-m&-p	Xylene-o
		ug/l	ug/l	ug/l	ug/l
IRPMW49-020197-W	2/1/97	<0.2	<0.2	<0.5	<0.2
IRPMW49-042697-W	4/26/97	<0.1	<0.1	<0.2	<0.1
IRPMW49A-072397-W	7/23/97	<0.5	<0.3	<0.4	<0.3
IRPMW49B-072397-W	7/23/97	<0.5	<0.3	<0.4	<0.3
IRPMW49-101597-W	10/15/97	<0.5	<0.3	<0.4	<0.3
IRPMW49-030898-W	3/8/98	<0.31	<0.38	NA	<0.34
IRPMW49-060498-W	6/4/98	<0.31	<0.3	NA	<0.24
IRPMW49-090398-W	9/3/98	<0.44	<0.36	NA	<0.19
IRPMW49-120298-W	12/2/98	<0.31	<0.3	NA	<0.24
IRPMW49-021799-W	2/17/99	<0.73	<0.51	<0.93	<0.3
IRPMW49-052099-W	5/20/99	<0.04	<0.25	<0.11	<0.03
IRPMW49-081299-W	8/12/99	<0.25	<0.18	<0.17	<0.1
IRPMW49-111799-W	11/17/99	<0.73	<0.51	<0.93	<0.3
Analyses		13	13	9	13
Detections		0	0	0	0
Minimum Concentration		0	0	0	0
Maximum Concentration		0	0	0	0
HWAD_-_GW_Action_Level		1300		10000	10000
HWAD_-_GW_Action_Level Hits		0		0	0

Sample ID	ample Date	1,2,4,5-Tetrachlorobenzene	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,2-Diphenylhydrazine	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1-Chloronaphthalene
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
IRPMW49-020197-W	2/1/97	<1.4	<0.8	<0.7	<0.5	<0.5	<0.6	<3.4
IRPMW49-042697-W	4/26/97	<1.3	<1.8	<1.4	<2.7	<1.3	<1.5	<3.6
IRPMW49A-072397-W	7/23/97	<1.4	<0.8	<0.7	<0.5	<0.5	<0.6	<3.4
IRPMW49B-072397-W	7/23/97	<1.4	<0.8	<0.7	<0.5	<0.5	<0.6	<3.4
IRPMW49-101597-W	10/15/97	<1.4	<0.8	<0.7	<0.5	<0.5	<0.6	<3.4
IRPMW49-030898-W	3/8/98	<1.6	<1.6	<1.6	<0.54	<1.5	<1.4	<3.5
IRPMW49-060498-W	6/4/98	<1.2	<0.94	<1	<0.54	<0.9	<1	<1.2
IRPMW49-090398-W	9/3/98	<19.2	<15.2	<16	<8.8	<16	<16	<19.2
IRPMW49-120298-W	12/2/98	<1.3	<1.1	<1.1	<1.5	<0.9	<1	<1.2
IRPMW49-021799-W	2/17/99	<1.4	<1.6	<1.4	<0.87	<1.4	<1.3	<1.2
IRPMW49-052099-W	5/20/99	<1.3	<1.5	<1.4	<1.6	<1.1	<1.2	<1.2
IRPMW49-081299-W	8/12/99	<1.4	<1.6	<1.4	<0.87	<1.4	<1.3	<1.2
IRPMW49-111799-W	11/17/99	<1.3	<1.5	<1.4	<1.6	<1.1	<1.2	<1.2
Analyses		13	13	13	13	13	13	13
Detections		0	0	0	0	0	0	0
Minimum Concentration		0	0	0	0	0	0	0
Maximum Concentration		0	0	0	0	0	0	0
HWAD_-_GW_Action_Level		11	70	600	0.084	17	75	
HWAD_-_GW_Action_Level Hits		0	0	0	0	0	0	

Sample ID	ample Date	1-Naphthylamine	2,3,4,6-Tetrachlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,4-Dinitrophenol
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
IRPMW49-020197-W	2/1/97	<0.7	<0.5	<1.7	<0.5	<0.6	<0.9	<13 UJ
IRPMW49-042697-W	4/26/97	<3.9	<1.4	<1.2	<1.1	<1.5	<5.2	<9.2 UJ
IRPMW49A-072397-W	7/23/97	<0.7	<0.5	<1.7	<0.5	<0.6	<0.9	<13
IRPMW49B-072397-W	7/23/97	<0.7	<0.5	<1.7	<0.5	<0.6	<0.9	<13
IRPMW49-101597-W	10/15/97	<0.7 UJ	<0.5	<1.7	<0.5	<0.6	<0.9	<13
IRPMW49-030898-W	3/8/98	<2.4	<1.7	<1.4	<1.7	<1.6	<1.4	<12
IRPMW49-060498-W	6/4/98	<0.84	<1.1	<0.9	<1.2	<1.2	<1.2	<6
IRPMW49-090398-W	9/3/98	<13.6 UJ	<17.6	<16	<19.2	<19.2	<19.2	<96
IRPMW49-120298-W	12/2/98	<0.74	<1.5	<1.3	<1.3	<1.2	<1.1	<2.1
IRPMW49-021799-W	2/17/99	<4.7	<1.3	<1.8	<1.7	<1.8	<1.4	<11
IRPMW49-052099-W	5/20/99	<4.7	<1.7	<1.5	<1.5	<1.8	<1.3	<11
IRPMW49-081299-W	8/12/99	<4.7	<1.3	<1.8	<1.7	<1.8	<1.4	<11
IRPMW49-111799-W	11/17/99	<4.7	<1.7	<1.5	<1.5	<1.8	<1.3	<11 UJ-
Analyses		13	13	13	13	13	13	13
Detections		0	0	0	0	0	0	0
Minimum Concentration		0	0	0	0	0	0	0
Maximum Concentration		0	0	0	0	0	0	0
HWAD_-_GW_Action_Level			1100	3700	6.1	110	730	73
HWAD_-_GW_Action_Level Hits			0	0	0	0	0	0

Semivolatile Organic Compounds

Sample ID	ample Date	2,4-Dinitrotoluene	2,6-Dichlorophenol	2,6-Dinitrotoluene	2-Chloronaphthalene	2-Chlorophenol	2-Methylnaphthalene	2-Methylphenol (o-Cresol)
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
IRPMW49-020197-W	2/1/97	<0.7	<0.6	<0.5	<0.8	<0.7	<0.8	<0.5
IRPMW49-042697-W	4/26/97	<0.2	<1.5	<1.1	<2	<1.5	<2.1	<1.7
IRPMW49A-072397-W	7/23/97	<0.7	<0.6	<0.5	<0.8	<0.7	<0.8	<0.5
IRPMW49B-072397-W	7/23/97	<0.7	<0.6	<0.5	<0.8	<0.7	<0.8	<0.5
IRPMW49-101597-W	10/15/97	<0.7	NA	<0.5	<0.8	<0.7	<0.8	<0.5
IRPMW49-030898-W	3/8/98	<1.7	NA	<1.7	<1.5	<1.3	<1.1	<2.3
IRPMW49-060498-W	6/4/98	<0.54	NA	<1.2	<1.6	<1.1	<1.2	<2.5
IRPMW49-090398-W	9/3/98	<8.8	NA	<19.2	<25.6	<17.6	<19.2	<40
IRPMW49-120298-W	12/2/98	<1.2	NA	<1.2	<1.1	<1.2	<1.1	<2.7
IRPMW49-021799-W	2/17/99	<1.5	NA	<1.8	<2.6	<1.3	<2.3	<0.7
IRPMW49-052099-W	5/20/99	<1.2	NA	<1.7	<1.7	<1.5	<1.7	<1.2
IRPMW49-081299-W	8/12/99	<1.5	NA	<1.8	<2.6	<1.3	<2.3	<0.7
IRPMW49-111799-W	11/17/99	<1.2	NA	<1.7	<1.7	<1.5	<1.7	<1.2
Analyses		13	4	13	13	13	13	13
Detections		0	0	0	0	0	0	0
Minimum Concentration		0	0	0	0	0	0	0
Maximum Concentration		0	0	0	0	0	0	0
HWAD_-_GW_Action_Level		73		37	490	38		1800
HWAD_-_GW_Action_Level Hits		0		0	0	0		0

Semivolatile Organic Compounds

Sample ID	ample Date	2-Naphthylamine	2-Nitroaniline	2-Nitrophenol	2-Picoline	3,3-Dichlorobenzidine	3-Methylcholanthrene	3-Nitroaniline
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
IRPMW49-020197-W	2/1/97	<1	<0.4	<0.8	<0.5	<1.7	<0.6	<3.8
IRPMW49-042697-W	4/26/97	<2.8 UJ	<1.4	<1.3	<1.9	<2.1	<1.7	<1.3
IRPMW49A-072397-W	7/23/97	<1	<0.4	<0.8	<0.5	<1.7	<0.6	<3.8
IRPMW49B-072397-W	7/23/97	<1	<0.4	<0.8	<0.5	<1.7	<0.6	<3.8
IRPMW49-101597-W	10/15/97	<1 UJ	<0.4	<0.8	<0.5	<1.7	NA	<3.8
IRPMW49-030898-W	3/8/98	<2.1	<1.5	<1.3	<1.3	<2.7	NA	<1.8
IRPMW49-060498-W	6/4/98	<1.3	<0.86	<0.98	<1.2	<0.6	NA	<1.2
IRPMW49-090398-W	9/3/98	<20.8 UJ	<13.6	<15.6	<19.2	<8	NA	<19.2
IRPMW49-120298-W	12/2/98	<0.82	<1.3	<1.3	<0.88	<2.4	NA	<1.3
IRPMW49-021799-W	2/17/99	<5.7	<7.9	<1.4	<1.1	<6.4	NA	<8.5
IRPMW49-052099-W	5/20/99	<4.7	<6.8	<1.3	<1.5	<5	NA	<6.3
IRPMW49-081299-W	8/12/99	<5.7 UJ	<7.9	<1.4	<1.1	<6.4	NA	<8.5
IRPMW49-111799-W	11/17/99	<4.7	<6.8	<1.3	<1.5	<5	NA	<6.3
Analyses		13	13	13	13	13	4	13
Detections		0	0	0	0	0	0	0
Minimum Concentration		0	0	0	0	0	0	0
Maximum Concentration		0	0	0	0	0	0	0
HWAD_-_GW_Action_Level			2.2			0.15		
HWAD_-_GW_Action_Level Hits			0			0		

Semivolatile Organic Compounds

Sample ID	ample Date	3/4-Methylphenol (m/p-Cresol)	4,6-Dinitrophenol-o-cresol	4-Aminobiphenyl	4-Bromophenyl phenyl ether	4-Chloro-3-methylphenol	4-Chloroaniline	4-Chlorophenyl phenyl ether
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
IRPMW49-020197-W	2/1/97	NA	<2.4	<0.7	<0.6	<0.6	<0.7	<0.7
IRPMW49-042697-W	4/26/97	<4.2	<2.3	<1.4	<1.6	<1.7	<1.1	<1.2
IRPMW49A-072397-W	7/23/97	<1	<2.4	<0.7	<0.6	<0.6	<0.7	<0.7
IRPMW49B-072397-W	7/23/97	<1	<2.4	<0.7	<0.6	<0.6	<0.7	<0.7
IRPMW49-101597-W	10/15/97	NA	<2.4	<0.7	<0.6	<0.6	<0.7	<0.7
IRPMW49-030898-W	3/8/98	NA	<2.9	<1.5	<0.61	<1.6	<0.63	<1.3
IRPMW49-060498-W	6/4/98	NA	<2.3	<1.6	<0.6	<1.2	<1.2	<0.79
IRPMW49-090398-W	9/3/98	NA	<36.8	<25.6	<9.6	<19.2	<19.2	<12.8
IRPMW49-120298-W	12/2/98	NA	<0.89	<1.6	<1.5	<1.3	<1.1	<1.2
IRPMW49-021799-W	2/17/99	NA	<5.5	<1.5	<2.1	<1.3	<5.9	<1.6
IRPMW49-052099-W	5/20/99	NA	<5.2	<0.67	<1.2	<1.4	<9.3	<1.4
IRPMW49-081299-W	8/12/99	NA	<5.5	<1.5	<2.1	<1.3	<5.9	<1.6
IRPMW49-111799-W	11/17/99	NA	<5.2	<0.67	<1.2	<1.4	<9.3	<1.4
Analyses		3	13	13	13	13	13	13
Detections		0	0	0	0	0	0	0
Minimum Concentration		0	0	0	0	0	0	0
Maximum Concentration		0	0	0	0	0	0	0
HWAD_-_GW_Action_Level		180					150	
HWAD_-_GW_Action_Level Hits		0					0	

Semivolatile Organic Compounds

Sample ID	ample Date	4-Methylphenol	4-Nitroaniline	4-Nitrophenol	7,12-Dimethylbenz(a)anthracene	a,a-Dimethylphenethylamine	Acenaphthene	Acenaphthylene
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
IRPMW49-020197-W	2/1/97	<1	<1.1	<3.2	<0.8	<2	<0.7	<0.6
IRPMW49-042697-W	4/26/97	NA	<1.7	<2.1	<4.6	<1.3 UJ-	<1.8	<2.1
IRPMW49A-072397-W	7/23/97	NA	<1.1	<3.2	<0.8	<2 UJ-	<0.7	<0.6
IRPMW49B-072397-W	7/23/97	NA	<1.1	<3.2	<0.8	<2 UJ-	<0.7	<0.6
IRPMW49-101597-W	10/15/97	<1	<1.1	<3.2	<0.8	<2	<0.7	<0.6
IRPMW49-030898-W	3/8/98	<2.3	<2	<1.9	<2.7	<3.5	<1.6	<1.4
IRPMW49-060498-W	6/4/98	<2.5	<1	<1.6	<0.67	<4.2	<1.1	<1.1
IRPMW49-090398-W	9/3/98	<40	<16	<25.6	<10.8	<68	<16.8	<17.6
IRPMW49-120298-W	12/2/98	<2.7	<1.4	<2.2	<1.2	<2.7	<1.2	<1.2
IRPMW49-021799-W	2/17/99	<1.7	<5.7	<3.7	<2.1	<5.8	<1.6	<1.4
IRPMW49-052099-W	5/20/99	<1.7	<7.1	<3.6	<0.67	<1.3	<1.4	<1.5
IRPMW49-081299-W	8/12/99	<1.7	<5.7	<3.7	<2.1	<5.8	<1.6	<1.4
IRPMW49-111799-W	11/17/99	<1.7	<7.1	<3.6	<0.67	<1.3	<1.4	<1.5
Analyses		10	13	13	13	13	13	13
Detections		0	0	0	0	0	0	0
Minimum Concentration		0	0	0	0	0	0	0
Maximum Concentration		0	0	0	0	0	0	0
HWAD_-_GW_Action_Level		180					370	
HWAD_-_GW_Action_Level Hits		0					0	

Sample ID	ample Date	Acetophenone	Aniline	Anthracene	Benzidine	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
IRPMW49-020197-W	2/1/97	<0.5	<1.1	<0.5	<1.7 UJ-	<0.8	<0.7	<0.5
IRPMW49-042697-W	4/26/97	<1.2	<1.1	<2.1	<1.4 UJ	<1.9	<1.5	<1.8
IRPMW49A-072397-W	7/23/97	<0.5	<1.1	<0.5	<1.7 UJ-	<0.8	<0.7	<0.5
IRPMW49B-072397-W	7/23/97	<0.5	<1.1	<0.5	<1.7 UJ-	<0.8	<0.7	<0.5
IRPMW49-101597-W	10/15/97	<0.5	<1.1	<0.5	<1.7 UJ	<0.8	<0.7	<0.5
IRPMW49-030898-W	3/8/98	<1.3	<1.5	<0.8	<2.1	<0.6	<2.5	<0.69
IRPMW49-060498-W	6/4/98	<0.99	<1.5	<1.5	<1.8	<0.69	<2.2	<1.9
IRPMW49-090398-W	9/3/98	<16	<24	<24	<28.8	<11.2	<35.2	<30.4
IRPMW49-120298-W	12/2/98	<1.4	<0.95	<1.4	<0.47	<3	<3.1	<2.7
IRPMW49-021799-W	2/17/99	<0.88	<0.78	<1.4	<3.8	<1.8	<2	<1.8
IRPMW49-052099-W	5/20/99	<1.5	<2	<1.1	<3.8	<1.1	<2.2	<1
IRPMW49-081299-W	8/12/99	<0.88	<0.78	<1.4	<3.8	<1.8	<2	<1.8
IRPMW49-111799-W	11/17/99	<1.5	<2	<1.1	<3.8	<1.1	<1.2	<1
Analyses		13	13	13	13	13	13	13
Detections		0	0	0	0	0	0	0
Minimum Concentration		0	0	0	0	0	0	0
Maximum Concentration		0	0	0	0	0	0	0
HWAD_-_GW_Action_Level		0.042	12	1800	0.00029	0.1	0.2	0.2
HWAD_-_GW_Action_Level Hits		0	0	0	0	0	0	0

Sample ID	ample Date	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzoic acid	Benzyl alcohol	bis(2-Chloroethoxy) methane	bis(2-Chloroethyl) ether	bis(2-Chloroisopropyl)-ether
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
IRPMW49-020197-W	2/1/97	<0.8	<0.9	<3.2 UJ	<0.5	<0.8	<0.7	<1.8 UJ-
IRPMW49-042697-W	4/26/97	<1.5	<2.4	<3 UJ	<1.1	<1.4	<1.2	<2.3
IRPMW49A-072397-W	7/23/97	<0.8	<0.9	<3.2 UJ	<0.5	<0.8	<0.7	<1.8
IRPMW49B-072397-W	7/23/97	<0.8	<0.9	<3.2 UJ	<0.5	<0.8	<0.7	<1.8
IRPMW49-101597-W	10/15/97	<0.8	<0.9	<3.2	<0.5	<0.8	<0.7	<1.8
IRPMW49-030898-W	3/8/98	<2.6	<0.69	<2.7 UJ-	<1	<1.6	<1.9	<2.3
IRPMW49-060498-W	6/4/98	<0.57	<0.81	<3.2	<1.5	<1.2	<1.1	<2.3
IRPMW49-090398-W	9/3/98	<9.2	<12.8	<52	<24	<19.2	<17.6	<36.8
IRPMW49-120298-W	12/2/98	<4.3	<3.3	<1	<1.3	<1.2	<1.2	<1
IRPMW49-021799-W	2/17/99	<1.6	<2.3	<3.8	<0.53	<1.1	<2.4	<1.3
IRPMW49-052099-W	5/20/99	<1.5	<1.3	<3.6	<1.5	<1.5	<1.4	<1.4
IRPMW49-081299-W	8/12/99	<1.6	<2.3	<3.8	<0.53	<1.1	<2.4	<1.3
IRPMW49-111799-W	11/17/99	<1.5	<1.3	<3.6	<1.5	<1.5	<1.4	<1.4
Analyses		13	13	13	13	13	13	13
Detections		0	0	0	0	0	0	0
Minimum Concentration		0	0	0	0	0	0	0
Maximum Concentration		0	0	0	0	0	0	0
HWAD_-_GW_Action_Level				150000	11000		0.0098	0.27
HWAD_-_GW_Action_Level Hits				0	0		0	0

Semivolatile Organic Compounds

Sample ID	ample Date	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
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
IRPMW49-020197-W	2/1/97	<2.4	<0.7	<0.6	<1.3	<0.7	<0.7	<0.6	<0.6
IRPMW49-042697-W	4/26/97	5 J	<2.3	<1.1	2 J	<1.3	<1.4	<1.2	<2.3
IRPMW49A-072397-W	7/23/97	32 J	<0.7	<0.6	<1.3	<0.7	<0.7	<0.6	<0.6
IRPMW49B-072397-W	7/23/97	18 J	2 J	<0.6	<1.3	<0.7	<0.7	<0.6	<0.6
IRPMW49-101597-W	10/15/97	<2.4	10 J	<0.6	<1.3	<0.7	<0.7	<0.6	<0.6
IRPMW49-030898-W	3/8/98	6 J	10	<0.5	1 J	<2.8	<2.6	<2.4	<1.5
IRPMW49-060498-W	6/4/98	<2.6	9 J	<0.7	<2.5	<2.6	<2.1	<2	<0.93
IRPMW49-090398-W	9/3/98	270	17 J	<11.2	<40	<40	<33.6	<32	<14.8
IRPMW49-120298-W	12/2/98	<3.5	11	<3.2	<2.7	<2.7	<4.3	<1.9	<1.3
IRPMW49-021799-W	2/17/99	<2.8	10	<1.6	<1.8	<3.1	<1.6	<1.5	<1.5
IRPMW49-052099-W	5/20/99	1 J	7 J	<1.3	<0.97	<1.4	<1.3	<1.4	<1.6
IRPMW49-081299-W	8/12/99	<2.8	<2.3	<1.6	<1.8	<3.1	<1.6	<1.5	<1.5
IRPMW49-111799-W	11/17/99	<1.1	12	<1.3	<0.97	<1.4	<1.3	<1.4	<1.6
Analyses		13	13	13	13	13	13	13	13
Detections		6	9	0	2	0	0	0	0
Minimum Concentration		1	2	0	1	0	0	0	0
Maximum Concentration		270	17	0	2	0	0	0	0
HWAD_-_GW_Action_Level		6	100	0.2	3700	730	0.0092		24
HWAD_-_GW_Action_Level Hits		4	0	0	0	0	0		0

Semivolatile Organic Compounds

Sample ID	ample Date	Diethyl phthalate	Dimethyl phthalate	Diphenylamine	Ethyl methanesulfonate	Fluoranthene	Fluorene	Hexachlorobenzene
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
IRPMW49-020197-W	2/1/97	<0.7	<0.5	<0.7	<0.8	<0.7	<0.7	<0.6
IRPMW49-042697-W	4/26/97	<2	<1.2	<1.3	<1.2	<1.7	<2.1	<2.4
IRPMW49A-072397-W	7/23/97	<0.7	<0.5	<0.7	<0.8	<0.7	<0.7	<0.6
IRPMW49B-072397-W	7/23/97	<0.7	<0.5	<0.7	<0.8	<0.7	<0.7	<0.6
IRPMW49-101597-W	10/15/97	<0.7	<0.5	<0.7	<0.8	<0.7	<0.7	<0.6
IRPMW49-030898-W	3/8/98	<1.5	<1.5	<1.5	<0.8	<1.2	<1.2	<1.3
IRPMW49-060498-W	6/4/98	<0.85	<0.8	<0.89	<0.8	<0.72	<0.78	<0.65
IRPMW49-090398-W	9/3/98	<13.6	<12	<14.4	<12	<11.6	<12.4	<10.4
IRPMW49-120298-W	12/2/98	<1.5	<1.5	<1.6	<0.8	<2.4	<1.3	<1.4
IRPMW49-021799-W	2/17/99	<1.7	<1.5	<1.5	<1.3	<1.6	<1.6	<1.6
IRPMW49-052099-W	5/20/99	<1.3	<1.4	<1.1	<1.1	<1.1	<1.4	<1.1
IRPMW49-081299-W	8/12/99	<1.7	<1.5	<1.5	<1.3	<1.6	<1.6	<1.6
IRPMW49-111799-W	11/17/99	<1.3	<1.4	<1.1	<1.1	<1.1	<1.4	<1.1
Analyses		13	13	13	13	13	13	13
Detections		0	0	0	0	0	0	0
Minimum Concentration		0	0	0	0	0	0	0
Maximum Concentration		0	0	0	0	0	0	0
HWAD_-_GW_Action_Level		29000	370000	910		1500	240	1
HWAD_-_GW_Action_Level Hits		0	0	0		0	0	0

Sample ID	ample Date	Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno(1,2,3-c,d)pyrene	Isophorone	Methyl methanesulfonate	N-Nitroso-di-n-butylamine
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
IRPMW49-020197-W	2/1/97	<0.6	<8.2	<0.5	<0.7	<0.6	<0.5	<0.7
IRPMW49-042697-W	4/26/97	<3	<5.4	<1.7	<1.2	<1.2	<1.1	<1.1
IRPMW49A-072397-W	7/23/97	<0.6	<8.2	<0.5	<0.7	<0.6	<0.5	<0.7
IRPMW49B-072397-W	7/23/97	<0.6	<8.2	<0.5	<0.7	<0.6	<0.5	<0.7
IRPMW49-101597-W	10/15/97	<0.6	<8.2	<0.5	<0.7	<0.6	<0.5	<0.7
IRPMW49-030898-W	3/8/98	<1.4	<8.5	<1.5	<2.7	<1.6	<1.4	<1.4
IRPMW49-060498-W	6/4/98	<1.2	<4.8	<0.87	<2	<1.1	<1.1	<1.1
IRPMW49-090398-W	9/3/98	<19.2	<76	<14	<32	<17.6	<17.6	<17.6
IRPMW49-120298-W	12/2/98	<0.95	<4.3	<0.95	<3.3	<1.4	<1.2	<1.6
IRPMW49-021799-W	2/17/99	<2	<8	<1	<1.9	<1.3	<0.87	<1.3
IRPMW49-052099-W	5/20/99	<1.4	<2.4	<1.4	<1.4	<1.3	<1.2	<1.3
IRPMW49-081299-W	8/12/99	<2	<8	<1	<1.9	<1.3	<0.87	<1.3
IRPMW49-111799-W	11/17/99	<1.4	<2.4	<1.4	<1.4	<1.3	<1.2	<1.3
Analyses		13	13	13	13	13	13	13
Detections		0	0	0	0	0	0	0
Minimum Concentration		0	0	0	0	0	0	0
Maximum Concentration		0	0	0	0	0	0	0
HWAD_-_GW_Action_Level		0.86	50	4.8	0.092	71		0.002
HWAD_-_GW_Action_Level Hits		0	0	0	0	0		0

Sample ID	ample Date	N-Nitroso-di-n-propylamine	N-Nitrosodimethylamine	N-Nitrosodiphenylamine	N-Nitrosopiperidine	Naphthalene	Nitrobenzene	p-Dimethylaminoazobenzene
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
IRPMW49-020197-W	2/1/97	<0.6	<0.6	<0.5	<0.6	<0.6	<0.8	<2.3
IRPMW49-042697-W	4/26/97	<1.6	<1.1	<2.6	<1.3	<1.1	<1.7	<1.1
IRPMW49A-072397-W	7/23/97	<0.6	<0.6	<0.5	<0.6	<0.6	<0.8	<2.3
IRPMW49B-072397-W	7/23/97	<0.6	<0.6	<0.5	<0.6	<0.6	<0.8	<2.3
IRPMW49-101597-W	10/15/97	<0.6	<0.6	<0.5	<0.6	<0.6	<0.8	<2.3
IRPMW49-030898-W	3/8/98	<1.3	<1.4	<1.6	<1.5	<1.4	<0.94	<0.65
IRPMW49-060498-W	6/4/98	<1.5	<0.89	<0.99	<0.87	<1.1	<0.93	<0.65
IRPMW49-090398-W	9/3/98	<24	<14.4	<16	<14	<17.6	<14.8	<10.4
IRPMW49-120298-W	12/2/98	<1.4	<1.6	<1.5	<1.2	<1.1	<1.2	<0.65
IRPMW49-021799-W	2/17/99	<1.9	<1.6	<7.1	<1.7	<1.5	<0.83	<1.1
IRPMW49-052099-W	5/20/99	<1.3	<1.2	<5.2	<1.2	<1.4	<0.79	<1.2
IRPMW49-081299-W	8/12/99	<1.9	<1.6	<7.1	<1.7	<1.5	<0.83	<1.1
IRPMW49-111799-W	11/17/99	<1.3	<1.2	<5.2	<1.2	<1.4	<0.79	<1.2
Analyses		13	13	13	13	13	13	13
Detections		0	0	0	0	0	0	0
Minimum Concentration		0	0	0	0	0	0	0
Maximum Concentration		0	0	0	0	0	0	0
HWAD_-_GW_Action_Level		0.0096	0.0013	14		6.2	3.4	
HWAD_-_GW_Action_Level Hits		0	0	0		0	0	

Sample ID	ample Date	Pentachlorobenzene	Pentachloronitrobenzene	Pentachlorophenol	Phenacetin	Phenanthrene	Phenol	Pronamide
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
IRPMW49-020197-W	2/1/97	<1.8	NA	<1.8	<0.6	<0.6	<1.9	<2.6
IRPMW49-042697-W	4/26/97	<2.1	<1.4	<6.5	<1.4	<2.5	<1.4	<1.2
IRPMW49A-072397-W	7/23/97	<1.8	<0.5	<1.8	<0.6	<0.6	<1.9	<2.6
IRPMW49B-072397-W	7/23/97	<1.8	<0.5	<1.8	<0.6	<0.6	<1.9	<2.6
IRPMW49-101597-W	10/15/97	<1.8	NA	<1.8	<0.6	<0.6	<1.9	<2.6
IRPMW49-030898-W	3/8/98	<1.6	<3.3	<15	<0.99	<1	<1.7	<1.6
IRPMW49-060498-W	6/4/98	<0.94	<0.51	<11	<2.2	<1.1	<1.1	<0.57
IRPMW49-090398-W	9/3/98	<15.2	<8	<176	<35.2	<17.6	<17.6	<9.2
IRPMW49-120298-W	12/2/98	<1.2	<1.7	<9.1	<3.5	<1.6	<1.1	<2.9
IRPMW49-021799-W	2/17/99	<1.8	<1.3	<3.7 UJ-	<0.84	<1.5	<0.55	<1.8
IRPMW49-052099-W	5/20/99	<1.5	<1	<11	<1.1	<1.2	<2.1	<1.3
IRPMW49-081299-W	8/12/99	<1.8	<1.3	<3.7	<0.84	<1.5	<0.55	<1.8
IRPMW49-111799-W	11/17/99	<1.5	<1	<11	<1.1	<1.2	<2.1	<1.3
Analyses		13	11	13	13	13	13	13
Detections		0	0	0	0	0	0	0
Minimum Concentration		0	0	0	0	0	0	0
Maximum Concentration		0	0	0	0	0	0	0
HWAD_-_GW_Action_Level		29	0.26	1			22000	2700
HWAD_-_GW_Action_Level Hits		0	0	0			0	0

Sample ID	ample Date	Pyrene
		ug/l
IRPMW49-020197-W	2/1/97	<0.6
IRPMW49-042697-W	4/26/97	<2.4
IRPMW49A-072397-W	7/23/97	<0.6
IRPMW49B-072397-W	7/23/97	<0.6
IRPMW49-101597-W	10/15/97	<0.6
IRPMW49-030898-W	3/8/98	<0.54
IRPMW49-060498-W	6/4/98	<0.57
IRPMW49-090398-W	9/3/98	<9.2
IRPMW49-120298-W	12/2/98	<2.1
IRPMW49-021799-W	2/17/99	<1.8
IRPMW49-052099-W	5/20/99	<1.1
IRPMW49-081299-W	8/12/99	<1.8
IRPMW49-111799-W	11/17/99	<1.1

Analyses	13
Detections	0
Minimum Concentration	0
Maximum Concentration	0
HWAD_-_GW_Action_Level	180
HWAD_-_GW_Action_Level Hits	0

Explosives

Sample ID	ample Date	1,3,5-Trinitrobenzene	1,3-Dinitrobenzene	2,4,6-Trinitrotoluene	2,4-Dinitrotoluene	2/4-Nitrotoluene	2,6-Dinitrotoluene
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
IRPMW49-020197-W	2/1/97	<0.1	<0.058	<0.065	<0.018	NA	<0.09
IRPMW49-042697-W	4/26/97	<0.1	<0.058	<0.065	<0.018	NA	<0.09
IRPMW49A-072397-W	7/23/97	<0.1	<0.058	<0.065	<0.018	NA	<0.09
IRPMW49B-072397-W	7/23/97	<0.1	<0.058	<0.065	<0.018	NA	<0.09
IRPMW49-101597-W	10/15/97	<0.1	<0.061	<0.094	<0.02	NA	<0.066
IRPMW49-030898-W	3/8/98	<0.093	<0.09	<0.069	<0.061	NA	<0.12
IRPMW49-060498-W	6/4/98	<0.093	<0.09	<0.069	<0.061	NA	<0.12
IRPMW49-090398-W	9/3/98	<0.093	<0.09	<0.069	<0.061	NA	<0.12
IRPMW49-120298-W	12/2/98	<0.093	<0.09	<0.069	<0.061	NA	<0.12
IRPMW49-021799-W	2/17/99	<0.22	<0.22	<0.13	<0.13	<0.05	<0.16
IRPMW49-052099-W	5/20/99	<0.22	<0.22	<0.13	<0.13	<0.05	<0.16
IRPMW49-081299-W	8/12/99	<0.22	<0.22	<0.13	<0.13	NA	<0.16
IRPMW49-111799-W	11/17/99	<0.22	<0.22	<0.13	<0.13	NA	<0.16
Analyses		13	13	13	13	2	13
Detections		0	0	0	0	0	0
Minimum Concentration		0	0	0	0	0	0
Maximum Concentration		0	0	0	0	0	0
HWAD_-_GW_Action_Level		1100	3.7	2.2	73		37
HWAD_-_GW_Action_Level Hits		0	0	0	0		0

Explosives

Sample ID	ample Date	2-Amino-4,6-dinitrotoluene	2-Nitrotoluene	3-Nitrotoluene	4-Amino-2,6-dinitrotoluene	4-Nitrotoluene	HMX
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
IRPMW49-020197-W	2/1/97	<0.031	<0.13	<0.11	<0.035	<0.13	<0.17
IRPMW49-042697-W	4/26/97	<0.031	<0.13	<0.11	<0.035	<0.13	<0.17
IRPMW49A-072397-W	7/23/97	<0.031	<0.13	<0.11	<0.035	<0.13	<0.17
IRPMW49B-072397-W	7/23/97	<0.031	<0.13	<0.11	<0.035	<0.13	<0.17
IRPMW49-101597-W	10/15/97	<0.022	<0.14	<0.11	<0.022	<0.13	<0.15
IRPMW49-030898-W	3/8/98	<0.14	<0.074	<0.16	<0.13	<0.074	<0.11
IRPMW49-060498-W	6/4/98	<0.14	NA	<0.16	<0.13	NA	<0.11
IRPMW49-090398-W	9/3/98	NA	NA	<0.16	<0.13	NA	<0.11
IRPMW49-120298-W	12/2/98	NA	NA	<0.16	<0.13	NA	<0.11
IRPMW49-021799-W	2/17/99	<0.11	NA	<0.063	<0.13	NA	<0.25
IRPMW49-052099-W	5/20/99	<0.11	NA	<0.063	<0.13	NA	<0.25
IRPMW49-081299-W	8/12/99	<0.11	<0.05	<0.063	<0.13	<0.05	<0.25
IRPMW49-111799-W	11/17/99	<0.11	<0.05	<0.063	<0.13	<0.05	<0.25
Analyses		11	8	13	13	8	13
Detections		0	0	0	0	0	0
Minimum Concentration		0	0	0	0	0	0
Maximum Concentration		0	0	0	0	0	0
HWAD_-_GW_Action_Level		0.099		370	0.099	370	1800
HWAD_-_GW_Action_Level Hits		0		0	0	0	0

Explosives

Sample ID	ample Date	Nitrobenzene	Picric Acid	RDX	Tetryl
		ug/l	ug/l	ug/l	ug/l
IRPMW49-020197-W	2/1/97	<0.073	<7.1	<0.13	0.3 J
IRPMW49-042697-W	4/26/97	<0.073	<7.1	<0.13	<0.066
IRPMW49A-072397-W	7/23/97	<0.11	<7.1	<0.13	<0.13
IRPMW49B-072397-W	7/23/97	<0.11	<7.1	<0.13	<0.13
IRPMW49-101597-W	10/15/97	<0.11	<0.3	2 J	<0.13
IRPMW49-030898-W	3/8/98	<0.11	<0.3	<0.078	<0.065
IRPMW49-060498-W	6/4/98	<0.11	<0.3	<0.078	<0.065
IRPMW49-090398-W	9/3/98	<0.11	<0.3	<0.078	<0.065
IRPMW49-120298-W	12/2/98	<0.11	NA	<0.078	<0.065
IRPMW49-021799-W	2/17/99	<0.26	<0.24	<0.29	<0.12
IRPMW49-052099-W	5/20/99	<0.26	<0.24	<0.29	<0.12
IRPMW49-081299-W	8/12/99	<0.26	<0.24	<0.29	<0.12
IRPMW49-111799-W	11/17/99	<0.26	<0.24	<0.29	<0.12
Analyses		13	12	13	13
Detections		0	0	1	1
Minimum Concentration		0	0	2	0.3
Maximum Concentration		0	0	2	0.3
HWAD_-_GW_Action_Level		3.4	1	0.61	
HWAD_-_GW_Action_Level Hits		0	0	1	

Monitoring Well Evaluation Checklist for Well No. IRPMW50

SWMU / Area	49 Group
Aquifer	WT
Well Condition	
Good	Yes
Describe Problems	None
Purpose of Well	
Primary	Downgradient of SWMUs I09/10 and I11
Secondary	Regional groundwater data
Retain for Chemical Monitoring (list compounds)	VOCs
Proposed Sample Frequency	Quarterly

Analytical Results

	Sampling Events	Date First Sampled	Date Last Sampled	Analyses	Detections	Highest Concentration	HWAD GW AL	Exceeds Standard
Explosive	12	2/1/97	11/17/99	12	1	--	--	Yes
RDX					1	2	0.61	1
VOC	12	2/1/97	11/17/99	12	21	--	--	Yes
1,2-DCA					3	0.6	5	0
MeCl					5	1	5	0
PCE					1	0.5	5	0
TCE					12	33	5	12
SVOC	12	2/1/97	11/17/99	12	11	--	--	Yes
Bis(2-ethylhexyl)phthalate					2	6	6	2
Butyl benzyl phthalate					9	5	100	0
Nitrogen Compounds	4	2/1/97	11/17/99	4	2	--	--	No
Ammonia as Nitrogen					1	0.1	NE	0
Total Kjeldahl Nitrogen					1	0.2	NE	0

ND = Non-detect
NE = Not established

Water Characterisitics

Sample ID	ample Date	Ammonia as Nitrogen	Calcium, Total	Iron, Total	Kjeldahl Nitrogen, Total	Magnesium, Total	Potassium, Total	Sodium, Total
		mg/l	ug/l	ug/l	mg/l	ug/l	ug/l	ug/l
IRPMW50-020197-W	2/1/97	<0.06	90000	69.1	<0.1	13800	8750	192000
IRPMW50-042697-W	4/26/97	<0.06	91700	19.2 J	<0.1	13700	11300	192000
IRPMW50-072397-W	7/23/97	NA	NA	NA	NA	NA	NA	NA
IRPMW50-101597-W	10/15/97	NA	NA	NA	NA	NA	NA	NA
IRPMW50-030898-W	3/8/98	<0.07	92700	8.9 J	<0.1	13700	10900 E	208000
IRPMW50-060498-W	6/4/98	NA	NA	NA	NA	NA	NA	NA
IRPMW50-090398-W	9/3/98	NA	NA	NA	NA	NA	NA	NA
IRPMW50-120298-W	12/2/98	NA	NA	NA	NA	NA	NA	NA
IRPMW50-021799-W	2/17/99	0.1 J	90000 J	50.1 J	0.2 J	12900 J	11600 J	198000 J
IRPMW50-052099-W	5/20/99	NA	NA	NA	NA	NA	NA	NA
IRPMW50-081299-W	8/12/99	NA	NA	NA	NA	NA	NA	NA
IRPMW50-111799-W	11/17/99	NA	NA	NA	NA	NA	NA	NA
Analyses		4	4	4	4	4	4	4
Detections		1	4	4	1	4	4	4
Minimum Concentration		0.1	90000	8.9	0.2	12900	8750	192000
Maximum Concentration		0.1	92700	69.1	0.2	13800	11600	208000
HWAD_-_GW_Action_Level				11000				
HWAD_-_GW_Action_Level Hits				0				

Water Characterisitics

Sample ID	ample Date	Solids, Total Dissolved
		mg/l
IRPMW50-020197-W	2/1/97	1020
IRPMW50-042697-W	4/26/97	1010
IRPMW50-072397-W	7/23/97	NA
IRPMW50-101597-W	10/15/97	NA
IRPMW50-030898-W	3/8/98	NA
IRPMW50-060498-W	6/4/98	NA
IRPMW50-090398-W	9/3/98	NA
IRPMW50-120298-W	12/2/98	NA
IRPMW50-021799-W	2/17/99	NA
IRPMW50-052099-W	5/20/99	NA
IRPMW50-081299-W	8/12/99	NA
IRPMW50-111799-W	11/17/99	NA

Analyses	2
Detections	2
Minimum Concentration	1010
Maximum Concentration	1020

HWAD_-_GW_Action_Level
HWAD_-_GW_Action_Level Hits

Nitrogen Compounds

Sample ID	ample Date	Ammonia as Nitrogen	Kjeldahl Nitrogen, Total
		mg/l	mg/l
IRPMW50-020197-W	2/1/97	<0.06	<0.1
IRPMW50-042697-W	4/26/97	<0.06	<0.1
IRPMW50-072397-W	7/23/97	NA	NA
IRPMW50-101597-W	10/15/97	NA	NA
IRPMW50-030898-W	3/8/98	<0.07	<0.1
IRPMW50-060498-W	6/4/98	NA	NA
IRPMW50-090398-W	9/3/98	NA	NA
IRPMW50-120298-W	12/2/98	NA	NA
IRPMW50-021799-W	2/17/99	0.1 J	0.2 J
IRPMW50-052099-W	5/20/99	NA	NA
IRPMW50-081299-W	8/12/99	NA	NA
IRPMW50-111799-W	11/17/99	NA	NA
Analyses		4	4
Detections		1	1
Minimum Concentration		0.1	0.2
Maximum Concentration		0.1	0.2
HWAD_-_GW_Action_Level			
HWAD_-_GW_Action_Level Hits			

Total Metals

Sample ID	ample Date	Arsenic, Total	Barium, Total	Beryllium, Total	Cadmium, Total	Chromium, Total	Lead, Total	Mercury, Total	Selenium, Total
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
IRPMW50-020197-W	2/1/97	2.2 J	NA	<0.2	<0.1	3.7 J	<0.6	<0.15	2.6 J
IRPMW50-042697-W	4/26/97	3.3 J	NA	<0.2	<0.1	4 J	0.7 J	<0.15	<2.3
IRPMW50-072397-W	7/23/97	NA	NA	NA	NA	NA	NA	NA	NA
IRPMW50-101597-W	10/15/97	NA	NA	NA	NA	NA	NA	NA	NA
IRPMW50-030898-W	3/8/98	4.2	49.1	NA	<0.51	<1	<0.9	<0.16	2.2
IRPMW50-060498-W	6/4/98	NA	NA	NA	NA	NA	NA	NA	NA
IRPMW50-090398-W	9/3/98	NA	NA	NA	NA	NA	NA	NA	NA
IRPMW50-120298-W	12/2/98	NA	NA	NA	NA	NA	NA	NA	NA
IRPMW50-021799-W	2/17/99	2.9 J	32.6 J	NA	<0.61 UJ	4.1 J	<1.1 UJ	0.44 J	3.1 J
IRPMW50-052099-W	5/20/99	NA	NA	NA	NA	NA	NA	NA	NA
IRPMW50-081299-W	8/12/99	NA	NA	NA	NA	NA	NA	NA	NA
IRPMW50-111799-W	11/17/99	NA	NA	NA	NA	NA	NA	NA	NA
Analyses		4	2	2	4	4	4	4	4
Detections		4	2	0	0	3	1	1	3
Minimum Concentration		2.2	32.6	0	0	3.7	0.7	0.44	2.2
Maximum Concentration		4.2	49.1	0	0	4.1	0.7	0.44	3.1
HWAD_-_GW_Action_Level		50	2000	4	5	100	15	2	180
HWAD_-_GW_Action_Level Hits		0	0	0	0	0	0	0	0

Sample ID	ample Date	Silver, Total
		ug/l
IRPMW50-020197-W	2/1/97	<1.1
IRPMW50-042697-W	4/26/97	<1.1
IRPMW50-072397-W	7/23/97	NA
IRPMW50-101597-W	10/15/97	NA
IRPMW50-030898-W	3/8/98	<1
IRPMW50-060498-W	6/4/98	NA
IRPMW50-090398-W	9/3/98	NA
IRPMW50-120298-W	12/2/98	NA
IRPMW50-021799-W	2/17/99	<0.9 UJ
IRPMW50-052099-W	5/20/99	NA
IRPMW50-081299-W	8/12/99	NA
IRPMW50-111799-W	11/17/99	NA

Analyses	4
Detections	0
Minimum Concentration	0
Maximum Concentration	0
HWAD_-_GW_Action_Level	180
HWAD_-_GW_Action_Level Hits	0

Dissolved Metals

Sample ID	ample Date	Arsenic, Dissolved	Barium, Dissolved	Beryllium, Dissolved	Cadmium, Dissolved	Chromium, Dissolved	Lead, Dissolved	Mercury, Dissolved	Selenium, Dissolved
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
IRPMW50-020197-W	2/1/97	<1.2	NA	<0.2	<0.1	3 J	<0.6	<0.15	4 J
IRPMW50-042697-W	4/26/97	3.9 J	NA	<0.2	<0.1	3.2 J	1.5 J	<0.15	<2.3
IRPMW50-072397-W	7/23/97	NA	NA	NA	NA	NA	NA	NA	NA
IRPMW50-101597-W	10/15/97	NA	NA	NA	NA	NA	NA	NA	NA
IRPMW50-030898-W	3/8/98	6.3	48.3	NA	<0.51	<1	<0.9	<0.16	3.5
IRPMW50-060498-W	6/4/98	NA	NA	NA	NA	NA	NA	NA	NA
IRPMW50-090398-W	9/3/98	NA	NA	NA	NA	NA	NA	NA	NA
IRPMW50-120298-W	12/2/98	NA	NA	NA	NA	NA	NA	NA	NA
IRPMW50-021799-W	2/17/99	1.5 J	35.3	NA	<0.61	3.2 J	<1.1	0.2 J	<1.9
IRPMW50-052099-W	5/20/99	NA	NA	NA	NA	NA	NA	NA	NA
IRPMW50-081299-W	8/12/99	NA	NA	NA	NA	NA	NA	NA	NA
IRPMW50-111799-W	11/17/99	NA	NA	NA	NA	NA	NA	NA	NA
Analyses		4	2	2	4	4	4	4	4
Detections		3	2	0	0	3	1	1	2
Minimum Concentration		1.5	35.3	0	0	3	1.5	0.2	3.5
Maximum Concentration		6.3	48.3	0	0	3.2	1.5	0.2	4
HWAD_-_GW_Action_Level		50		4	5	100	15	2	180
HWAD_-_GW_Action_Level Hits		0		0	0	0	0	0	0

Dissolved Metals

Sample ID	ample Date	Silver, Dissolved
		ug/l
IRPMW50-020197-W	2/1/97	<1.1
IRPMW50-042697-W	4/26/97	<1.1
IRPMW50-072397-W	7/23/97	NA
IRPMW50-101597-W	10/15/97	NA
IRPMW50-030898-W	3/8/98	<1
IRPMW50-060498-W	6/4/98	NA
IRPMW50-090398-W	9/3/98	NA
IRPMW50-120298-W	12/2/98	NA
IRPMW50-021799-W	2/17/99	<0.9
IRPMW50-052099-W	5/20/99	NA
IRPMW50-081299-W	8/12/99	NA
IRPMW50-111799-W	11/17/99	NA

Analyses	4
Detections	0
Minimum Concentration	0
Maximum Concentration	0
HWAD_-_GW_Action_Level	180
HWAD_-_GW_Action_Level Hits	0

Sample ID	ample Date	2,4,5-T	2,4,5-TP (Silvex)	2,4-D	2,4-DB	4,4-DDD	4,4-DDE
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
IRPMW50-020197-W	2/1/97	<0.039	<0.009	<0.009	<0.014	<0.003	<0.002
IRPMW50-042697-W	4/26/97	<0.039	<0.009	<0.009	<0.014	<0.032	<0.022
IRPMW50-072397-W	7/23/97	NA	NA	NA	NA	NA	NA
IRPMW50-101597-W	10/15/97	NA	NA	NA	NA	NA	NA
IRPMW50-030898-W	3/8/98	NA	NA	NA	NA	NA	NA
IRPMW50-060498-W	6/4/98	NA	NA	NA	NA	NA	NA
IRPMW50-090398-W	9/3/98	NA	NA	NA	NA	NA	NA
IRPMW50-120298-W	12/2/98	NA	NA	NA	NA	NA	NA
IRPMW50-021799-W	2/17/99	NA	NA	NA	NA	NA	NA
IRPMW50-052099-W	5/20/99	NA	NA	NA	NA	NA	NA
IRPMW50-081299-W	8/12/99	NA	NA	NA	NA	NA	NA
IRPMW50-111799-W	11/17/99	NA	NA	NA	NA	NA	NA
Analyses		2	2	2	2	2	2
Detections		0	0	0	0	0	0
Minimum Concentration		0	0	0	0	0	0
Maximum Concentration		0	0	0	0	0	0
HWAD_-_GW_Action_Level		370	50	70	290	0.28	0.2
HWAD_-_GW_Action_Level Hits		0	0	0	0	0	0

Pesticides

Sample ID	ample Date	4,4-DDT	Aldrin	alpha-BHC	beta-BHC	Chlordane	Dalapon
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
IRPMW50-020197-W	2/1/97	<0.003	<0.003	<0.002	<0.001	<0.027	<0.029
IRPMW50-042697-W	4/26/97	<0.032	<0.026	<0.018	<0.013	<0.05	<0.029
IRPMW50-072397-W	7/23/97	NA	NA	NA	NA	NA	NA
IRPMW50-101597-W	10/15/97	NA	NA	NA	NA	NA	NA
IRPMW50-030898-W	3/8/98	NA	NA	NA	NA	NA	NA
IRPMW50-060498-W	6/4/98	NA	NA	NA	NA	NA	NA
IRPMW50-090398-W	9/3/98	NA	NA	NA	NA	NA	NA
IRPMW50-120298-W	12/2/98	NA	NA	NA	NA	NA	NA
IRPMW50-021799-W	2/17/99	NA	NA	NA	NA	NA	NA
IRPMW50-052099-W	5/20/99	NA	NA	NA	NA	NA	NA
IRPMW50-081299-W	8/12/99	NA	NA	NA	NA	NA	NA
IRPMW50-111799-W	11/17/99	NA	NA	NA	NA	NA	NA
Analyses		2	2	2	2	2	2
Detections		0	0	0	0	0	0
Minimum Concentration		0	0	0	0	0	0
Maximum Concentration		0	0	0	0	0	0
HWAD_-_GW_Action_Level		0.2	0.004	0.011	0.037	2	200
HWAD_-_GW_Action_Level Hits		0	0	0	0	0	0

Sample ID	ample Date	delta-BHC	Dicamba	Dichloroprop	Dieldrin	Dinoseb	Endosulfan I
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
IRPMW50-020197-W	2/1/97	<0.001	<0.008	<0.01	<0.003	<0.027	<0.004
IRPMW50-042697-W	4/26/97	<0.011	<0.008	<0.01	<0.027	<0.027	<0.038
IRPMW50-072397-W	7/23/97	NA	NA	NA	NA	NA	NA
IRPMW50-101597-W	10/15/97	NA	NA	NA	NA	NA	NA
IRPMW50-030898-W	3/8/98	NA	NA	NA	NA	NA	NA
IRPMW50-060498-W	6/4/98	NA	NA	NA	NA	NA	NA
IRPMW50-090398-W	9/3/98	NA	NA	NA	NA	NA	NA
IRPMW50-120298-W	12/2/98	NA	NA	NA	NA	NA	NA
IRPMW50-021799-W	2/17/99	NA	NA	NA	NA	NA	NA
IRPMW50-052099-W	5/20/99	NA	NA	NA	NA	NA	NA
IRPMW50-081299-W	8/12/99	NA	NA	NA	NA	NA	NA
IRPMW50-111799-W	11/17/99	NA	NA	NA	NA	NA	NA
Analyses		2	2	2	2	2	2
Detections		0	0	0	0	0	0
Minimum Concentration		0	0	0	0	0	0
Maximum Concentration		0	0	0	0	0	0
HWAD_-_GW_Action_Level			1100		0.0042	7	220
HWAD_-_GW_Action_Level Hits			0		0	0	0

Pesticides

Sample ID	ample Date	Endosulfan II	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	gamma-BHC (Lindane)
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
IRPMW50-020197-W	2/1/97	<0.003	<0.014	<0.0008	<0.003	<0.002	<0.002
IRPMW50-042697-W	4/26/97	<0.025	<0.14	<0.008	<0.028	<0.02	<0.017
IRPMW50-072397-W	7/23/97	NA	NA	NA	NA	NA	NA
IRPMW50-101597-W	10/15/97	NA	NA	NA	NA	NA	NA
IRPMW50-030898-W	3/8/98	NA	NA	NA	NA	NA	NA
IRPMW50-060498-W	6/4/98	NA	NA	NA	NA	NA	NA
IRPMW50-090398-W	9/3/98	NA	NA	NA	NA	NA	NA
IRPMW50-120298-W	12/2/98	NA	NA	NA	NA	NA	NA
IRPMW50-021799-W	2/17/99	NA	NA	NA	NA	NA	NA
IRPMW50-052099-W	5/20/99	NA	NA	NA	NA	NA	NA
IRPMW50-081299-W	8/12/99	NA	NA	NA	NA	NA	NA
IRPMW50-111799-W	11/17/99	NA	NA	NA	NA	NA	NA
Analyses		2	2	2	2	2	2
Detections		0	0	0	0	0	0
Minimum Concentration		0	0	0	0	0	0
Maximum Concentration		0	0	0	0	0	0
HWAD_-_GW_Action_Level				2			0.2
HWAD_-_GW_Action_Level Hits				0			0

Pesticides

Sample ID	ample Date	Heptachlor	Heptachlor epoxide	MCPA	MCPP	Methoxychlor	Toxaphene
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
IRPMW50-020197-W	2/1/97	<0.002	<0.0009	<1	<1	<0.003	<0.029
IRPMW50-042697-W	4/26/97	<0.024	<0.009	<1 UJ	<1 UJ	<0.026	<0.29
IRPMW50-072397-W	7/23/97	NA	NA	NA	NA	NA	NA
IRPMW50-101597-W	10/15/97	NA	NA	NA	NA	NA	NA
IRPMW50-030898-W	3/8/98	NA	NA	NA	NA	NA	NA
IRPMW50-060498-W	6/4/98	NA	NA	NA	NA	NA	NA
IRPMW50-090398-W	9/3/98	NA	NA	NA	NA	NA	NA
IRPMW50-120298-W	12/2/98	NA	NA	NA	NA	NA	NA
IRPMW50-021799-W	2/17/99	NA	NA	NA	NA	NA	NA
IRPMW50-052099-W	5/20/99	NA	NA	NA	NA	NA	NA
IRPMW50-081299-W	8/12/99	NA	NA	NA	NA	NA	NA
IRPMW50-111799-W	11/17/99	NA	NA	NA	NA	NA	NA
Analyses		2	2	2	2	2	2
Detections		0	0	0	0	0	0
Minimum Concentration		0	0	0	0	0	0
Maximum Concentration		0	0	0	0	0	0
HWAD_-_GW_Action_Level		0.4	0.2	18	37	40	3
HWAD_-_GW_Action_Level Hits		0	0	0	0	0	0

Volatile Organic Compounds

Sample ID	ample Date	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
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
IRPMW50-020197-W	2/1/97	<0.2	<0.2	<0.2	<0.2	<0.3	<0.3	<0.3
IRPMW50-042697-W	4/26/97	<0.1	<0.1	<0.2	<0.2	<0.1	<0.7	<0.1
IRPMW50-072397-W	7/23/97	<0.2	<0.1	<0.2	<0.2	<0.3	<0.5	<0.2
IRPMW50-101597-W	10/15/97	<0.2	<0.1	<0.2	<0.2	<0.3	<0.5	<0.2
IRPMW50-030898-W	3/8/98	<0.35	<0.36	<0.38	<0.36	<0.22	<0.34	<0.28
IRPMW50-060498-W	6/4/98	<0.17	<0.24	<0.17	<0.12	<0.17	<0.22	<0.24
IRPMW50-090398-W	9/3/98	<0.23	<0.23	<0.26	<0.27 UJ	<0.18	<0.28	<0.29
IRPMW50-120298-W	12/2/98	<0.17	<0.24	<0.17	<0.12	<0.17	<0.22	<0.24
IRPMW50-021799-W	2/17/99	<0.21	<0.14	<0.34	<0.22	<0.22	<0.31	<0.33
IRPMW50-052099-W	5/20/99	<0.05	<0.06	<0.11	<0.06	<0.07	<0.06	<0.05
IRPMW50-081299-W	8/12/99	<0.3	<0.06	<0.13	<0.17	<0.09	<0.13	<0.12
IRPMW50-111799-W	11/17/99	<0.21	<0.14	<0.34	<0.22	<0.22	<0.31	<0.33
Analyses		12	12	12	12	12	12	12
Detections		0	0	0	0	0	0	0
Minimum Concentration		0	0	0	0	0	0	0
Maximum Concentration		0	0	0	0	0	0	0
HWAD_-_GW_Action_Level		0.43	200	0.055	5	810	7	
HWAD_-_GW_Action_Level Hits		0	0	0	0	0	0	

Volatile Organic Compounds

Sample ID	ample Date	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,2-Dibromoethane (EDB)	1,2-Dichlorobenzene	1,2-Dichloroethane
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
IRPMW50-020197-W	2/1/97	<0.4	<0.8	<0.4	<0.2	<0.3	<0.2	<0.8
IRPMW50-042697-W	4/26/97	<0.5	<0.2	<0.3	<0.1	<0.2	<0.4	<0.2
IRPMW50-072397-W	7/23/97	<0.3	<0.4	<0.3	<0.3	<0.3	<0.4	<0.5
IRPMW50-101597-W	10/15/97	<0.3	<0.4	<0.3	<0.3	<0.3	<0.4	<0.5
IRPMW50-030898-W	3/8/98	<0.3	<0.31	<0.3	<0.31	<0.31	<0.36	<0.36
IRPMW50-060498-W	6/4/98	<0.26	<0.17 UJ	<0.34	<0.15	<0.18	<0.15	<0.15
IRPMW50-090398-W	9/3/98	<0.15	<0.38	<0.29	<0.34	<0.34	<0.27	<0.21
IRPMW50-120298-W	12/2/98	<0.26	<0.17 UJ	<0.34	<0.15	<0.18	<0.15	0.6 J
IRPMW50-021799-W	2/17/99	<0.28	<0.41	<0.33	<0.25	<0.17	<0.25	<0.31
IRPMW50-052099-W	5/20/99	<0.16	<0.12	<0.09	<0.09	<0.08	<0.07	0.5 J
IRPMW50-081299-W	8/12/99	<0.2	<0.27	<0.09	<0.34	<0.1	<0.24	0.4 J
IRPMW50-111799-W	11/17/99	<0.28	<0.41	<0.33	<0.25	<0.17	<0.25	<0.31
Analyses		12	12	12	12	12	12	12
Detections		0	0	0	0	0	0	3
Minimum Concentration		0	0	0	0	0	0	0.4
Maximum Concentration		0	0	0	0	0	0	0.6
HWAD_-_GW_Action_Level			0.0016	70	12	0.05	600	5
HWAD_-_GW_Action_Level Hits			0	0	0	0	0	0

Volatile Organic Compounds

Sample ID	ample Date	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	2,2-Dichloropropane	2-Chlorotoluene
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
IRPMW50-020197-W	2/1/97	<0.3	<0.2	<0.2	<0.2	<0.2	<0.2	<0.3
IRPMW50-042697-W	4/26/97	<0.1	<0.1	<0.2	<0.1	<0.2	<0.8 UJ-	<0.2
IRPMW50-072397-W	7/23/97	<0.2	<0.2	<0.4	<0.2	<0.3	<0.4	<0.2
IRPMW50-101597-W	10/15/97	<0.2	<0.2	<0.4	<0.2	<0.3	<0.4	<0.2
IRPMW50-030898-W	3/8/98	<0.22	<0.38	<0.38	<0.36	<0.3	<0.31	<0.3
IRPMW50-060498-W	6/4/98	<0.17	<0.12	<0.24	<0.17	<0.17	<0.31	<0.36
IRPMW50-090398-W	9/3/98	<0.32	<0.3	<0.38	<0.16	<0.44	<0.21	<0.29
IRPMW50-120298-W	12/2/98	<0.17	<0.12	<0.24	<0.17	<0.17	<0.31	<0.36
IRPMW50-021799-W	2/17/99	<0.22	<0.27	<0.27	<0.14	<0.28	<0.57	<0.28
IRPMW50-052099-W	5/20/99	<0.07	<0.1	<0.07	<0.07	<0.09	<0.07 UJ-	<0.11
IRPMW50-081299-W	8/12/99	<0.14	<0.1	<0.08	<0.09	<0.12	<0.2	<0.14
IRPMW50-111799-W	11/17/99	<0.22	<0.27	<0.27	<0.14	<0.28	<0.57	<0.28
Analyses		12	12	12	12	12	12	12
Detections		0	0	0	0	0	0	0
Minimum Concentration		0	0	0	0	0	0	0
Maximum Concentration		0	0	0	0	0	0	0
HWAD_-_GW_Action_Level		5		17		75		120
HWAD_-_GW_Action_Level Hits		0		0		0		0

Sample ID	ample Date	4-Chlorotoluene	4-Isopropyltoluene	Benzene	Bromobenzene	Bromochloromethane	Bromodichloromethane	Bromoform
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
IRPMW50-020197-W	2/1/97	<0.3	<0.2	<0.2	<0.3	<0.5	<0.2	<0.4
IRPMW50-042697-W	4/26/97	<0.2	<0.3	<0.2	<0.1	<0.2	<0.1	<0.2
IRPMW50-072397-W	7/23/97	<0.2	<0.2	<0.2	<0.3	<0.4	<0.2	<0.2
IRPMW50-101597-W	10/15/97	<0.2	<0.2	<0.2	<0.3	<0.4	<0.2	<0.2
IRPMW50-030898-W	3/8/98	<0.4	<0.36	<0.36	<0.31	<0.47	<0.34	<0.35
IRPMW50-060498-W	6/4/98	<0.36	<0.15	<0.36	<0.15	<0.25	<0.15	<0.26 UJ
IRPMW50-090398-W	9/3/98	<0.38	<0.38	<0.14	<0.32	<0.33	<0.29	<0.45
IRPMW50-120298-W	12/2/98	<0.36	<0.15	<0.36	<0.15	<0.25	<0.15	<0.26
IRPMW50-021799-W	2/17/99	<0.37	<0.22	<0.33	<0.3	<0.4	<0.18	<0.27
IRPMW50-052099-W	5/20/99	<0.11	<0.1	<0.09	<0.07	<0.06	<0.06	<0.08
IRPMW50-081299-W	8/12/99	<0.21	<0.08	<0.1	<0.12	<0.26	<0.09	<0.2
IRPMW50-111799-W	11/17/99	<0.37	<0.22	<0.33	<0.3	<0.4	<0.18	<0.27
Analyses		12	12	12	12	12	12	12
Detections		0	0	0	0	0	0	0
Minimum Concentration		0	0	0	0	0	0	0
Maximum Concentration		0	0	0	0	0	0	0
HWAD_-_GW_Action_Level				5			100	100
HWAD_-_GW_Action_Level Hits				0			0	0

Volatile Organic Compounds

Sample ID	ample Date	Bromomethane	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethene
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
IRPMW50-020197-W	2/1/97	<0.2	<0.2	<0.3	<0.2	<0.2	<0.2	<0.2
IRPMW50-042697-W	4/26/97	<0.2 UJ	<0.1 UJ	<0.1	<0.2	<0.1	<0.2	<0.2
IRPMW50-072397-W	7/23/97	<0.1	<0.2	<0.2	<0.2	<0.2	<0.3	<0.2
IRPMW50-101597-W	10/15/97	<0.1	<0.2	<0.2	<0.2	<0.2	<0.3	<0.2
IRPMW50-030898-W	3/8/98	<0.96	<0.35	<0.26	<0.57	<0.38	<0.72	<0.28
IRPMW50-060498-W	6/4/98	<0.46	<0.24	<0.26	<0.22	<0.15	<0.3 UJ	<0.26
IRPMW50-090398-W	9/3/98	<0.45	<0.27	<0.23	<0.48	<0.22	<0.44	<0.3
IRPMW50-120298-W	12/2/98	<0.46	<0.24	<0.26	<0.22	<0.15	<0.3	<0.26
IRPMW50-021799-W	2/17/99	<1.3 UJ	<0.43 UJ-	<0.23	<0.53 UJ-	<0.24	<0.34	<0.26
IRPMW50-052099-W	5/20/99	<0.08	<0.06	<0.05	<0.07	<0.07	<0.34	<0.17
IRPMW50-081299-W	8/12/99	<0.39	<0.18	<0.14	<0.43	<0.1	<0.49	<0.1
IRPMW50-111799-W	11/17/99	<1.3	<0.43	<0.23	<0.53	<0.24	<0.34	<0.26
Analyses		12	12	12	12	12	12	12
Detections		0	0	0	0	0	0	0
Minimum Concentration		0	0	0	0	0	0	0
Maximum Concentration		0	0	0	0	0	0	0
HWAD_-_GW_Action_Level		8.7	5	100		100	1.5	70
HWAD_-_GW_Action_Level Hits		0	0	0		0	0	0

Volatile Organic Compounds

Sample ID	ample Date	cis-1,3-Dichloropropene	Dibromochloromethane	Dibromochloropropane	Dibromomethane	Dichlorodifluoromethane	Ethylbenzene	Hexachlorobutadiene
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
IRPMW50-020197-W	2/1/97	NA	<0.2	<0.9	<0.2	<0.2	<0.3	<0.4
IRPMW50-042697-W	4/26/97	<0.2	<0.1	<0.2	<0.2	<0.1	<0.2	<0.3
IRPMW50-072397-W	7/23/97	<0.2	<0.2	<0.5 UJ	<0.2	<0.5	<0.2	<0.2
IRPMW50-101597-W	10/15/97	<0.2	<0.2	<0.5	<0.2	<0.5	<0.2	<0.2
IRPMW50-030898-W	3/8/98	<0.22	<0.28	<0.63	<0.31	<0.47	<0.36	<0.36
IRPMW50-060498-W	6/4/98	<0.17	<0.17	<0.28 UJ	<0.17	<0.31	<0.24	<0.36
IRPMW50-090398-W	9/3/98	<0.19	<0.27	<0.45 UJ	<0.45	<0.43	<0.23	<0.28
IRPMW50-120298-W	12/2/98	<0.17	<0.17	<0.28	<0.17	<0.31	<0.24	<0.36
IRPMW50-021799-W	2/17/99	<0.32	<0.2	<0.2	<0.25	<0.41	<0.34	<0.23
IRPMW50-052099-W	5/20/99	<0.04	<0.07	<0.13	<0.06	<0.06	<0.05	<0.12
IRPMW50-081299-W	8/12/99	<0.11	<0.1	<2.1	<0.27	<0.32	<0.03	<0.34
IRPMW50-111799-W	11/17/99	<0.32	<0.2	<0.2	<0.25	<0.41	<0.34	<0.23
Analyses		11	12	12	12	12	12	12
Detections		0	0	0	0	0	0	0
Minimum Concentration		0	0	0	0	0	0	0
Maximum Concentration		0	0	0	0	0	0	0
HWAD_-_GW_Action_Level			100	0.2		390	700	0.86
HWAD_-_GW_Action_Level Hits			0	0		0	0	0

Volatile Organic Compounds

Sample ID	ample Date	Isopropylbenzene	Methylene chloride	MTBE	n-Butylbenzene	n-Propylbenzene	Naphthalene	sec-Butylbenzene
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
IRPMW50-020197-W	2/1/97	<0.3	0.9 J	<0.5	<0.2	<0.3	<0.4	<0.2
IRPMW50-042697-W	4/26/97	<0.2	<0.7	<2.1	<0.3	<0.2	<0.8	<0.2
IRPMW50-072397-W	7/23/97	<0.3	<0.6	<0.4	<0.3	<0.2	<0.3	<0.2
IRPMW50-101597-W	10/15/97	<0.3	<0.6	<0.4	<0.3	<0.2	<0.3	<0.2
IRPMW50-030898-W	3/8/98	<0.36	<0.6	<0.49	<0.22	<0.3	<0.22	<0.4
IRPMW50-060498-W	6/4/98	<0.15	1 J-	<0.18	<0.49	<0.22	<0.28	<0.22
IRPMW50-090398-W	9/3/98	<0.29	<0.45	<0.55	<0.26	<0.27	<0.44	<0.37
IRPMW50-120298-W	12/2/98	<0.15	1 J	<0.18	<0.49	<0.22	<0.28	<0.22
IRPMW50-021799-W	2/17/99	<0.24	<0.37	<0.41	<0.28	<0.2	<0.22	<0.2
IRPMW50-052099-W	5/20/99	<0.11	<0.06 UJ-	<0.13	<0.09	<0.1	<0.12 UJ	<0.1
IRPMW50-081299-W	8/12/99	<0.09	1	<0.16	<0.31	<0.16	<0.13	<0.1
IRPMW50-111799-W	11/17/99	<0.24	1 J	<0.41	<0.28	<0.2	<0.22	<0.2
Analyses		12	12	12	12	12	12	12
Detections		0	5	0	0	0	0	0
Minimum Concentration		0	0.9	0	0	0	0	0
Maximum Concentration		0	1	0	0	0	0	0
HWAD_-_GW_Action_Level		19	5	20			6.2	
HWAD_-_GW_Action_Level Hits		0	0	0			0	

Sample ID	ample Date	Styrene	tert-Butylbenzene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	trans-1,3-Dichloropropene	Trichloroethene
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
IRPMW50-020197-W	2/1/97	<0.2	<0.2	<0.3	<0.3	<0.3	NA	32
IRPMW50-042697-W	4/26/97	<0.1	<0.3	<0.1	<0.1	<0.2	<0.2	26
IRPMW50-072397-W	7/23/97	<0.2	<0.2	<0.2	<0.3	<0.5	<0.3	28
IRPMW50-101597-W	10/15/97	<0.2	<0.2	<0.2	<0.3	<0.5	<0.3	33
IRPMW50-030898-W	3/8/98	<0.36	<0.3	<0.36	<0.97	<0.35	<0.36	30
IRPMW50-060498-W	6/4/98	<0.28	<0.24	<0.35	<0.24	<0.25	<0.15	31
IRPMW50-090398-W	9/3/98	<0.12	<0.25	<0.16	<0.21	<0.27	<0.32	29
IRPMW50-120298-W	12/2/98	<0.28	<0.24	0.5 J	<0.24	<0.25	<0.15	32
IRPMW50-021799-W	2/17/99	<0.22	<0.21	<0.24	<0.37	<0.46	<0.48	29
IRPMW50-052099-W	5/20/99	<0.07	<0.1	<0.07	<0.06	<0.07	<0.05	27
IRPMW50-081299-W	8/12/99	<0.16	<0.17	<0.21	<0.4	<0.27	<0.14	27
IRPMW50-111799-W	11/17/99	<0.22	<0.21	<0.24	<0.37	<0.46	<0.48	32
Analyses		12	12	12	12	12	11	12
Detections		0	0	1	0	0	0	12
Minimum Concentration		0	0	0.5	0	0	0	26
Maximum Concentration		0	0	0.5	0	0	0	33
HWAD_-_GW_Action_Level		100		5	1000	100	0.081	5
HWAD_-_GW_Action_Level Hits		0		0	0	0	0	12

Volatile Organic Compounds

Sample ID	ample Date	Trichlorofluoromethane	Vinyl chloride	Xylenes-m&-p	Xylene-o
		ug/l	ug/l	ug/l	ug/l
IRPMW50-020197-W	2/1/97	<0.2	<0.2	<0.5	<0.2
IRPMW50-042697-W	4/26/97	<0.1	<0.1	<0.2	<0.1
IRPMW50-072397-W	7/23/97	<0.5	<0.3	<0.4	<0.3
IRPMW50-101597-W	10/15/97	<0.5	<0.3	<0.4	<0.3
IRPMW50-030898-W	3/8/98	<0.31	<0.38	NA	<0.34
IRPMW50-060498-W	6/4/98	<0.31	<0.3	NA	<0.24
IRPMW50-090398-W	9/3/98	<0.44	<0.36	NA	<0.19
IRPMW50-120298-W	12/2/98	<0.31	<0.3	NA	<0.24
IRPMW50-021799-W	2/17/99	<0.73	<0.51	<0.93	<0.3
IRPMW50-052099-W	5/20/99	<0.04	<0.25	<0.11	<0.03
IRPMW50-081299-W	8/12/99	<0.25	<0.18	<0.17	<0.1
IRPMW50-111799-W	11/17/99	<0.73	<0.51	<0.93	<0.3
Analyses		12	12	8	12
Detections		0	0	0	0
Minimum Concentration		0	0	0	0
Maximum Concentration		0	0	0	0
HWAD_-_GW_Action_Level		1300		10000	10000
HWAD_-_GW_Action_Level Hits		0		0	0

Sample ID	ample Date	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
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
IRPMW50-020197-W	2/1/97	<1.4	<0.8	<0.7	<0.5	<0.5	<0.6	<3.4	<0.7
IRPMW50-042697-W	4/26/97	<1.3	<1.8	<1.4	<2.7	<1.3	<1.5	<3.6	<3.9
IRPMW50-072397-W	7/23/97	<1.4	<0.8	<0.7	<0.5	<0.5	<0.6	<3.4	<0.7
IRPMW50-101597-W	10/15/97	<1.4	<0.8	<0.7	<0.5	<0.5	<0.6	<3.4	<0.7
IRPMW50-030898-W	3/8/98	<1.6	<1.6	<1.6	<0.54	<1.5	<1.4	<3.5	<2.4
IRPMW50-060498-W	6/4/98	<1.2	<0.94	<1	<0.54	<0.9	<1	<1.2	<0.84
IRPMW50-090398-W	9/3/98	<1.2	<0.94	<1	<0.54	<0.9	<1	<1.2	<0.84
IRPMW50-120298-W	12/2/98	<1.3	<1.1	<1.1	<1.5	<0.9	<1	<1.2	<0.74
IRPMW50-021799-W	2/17/99	<1.4	<1.6	<1.4	<0.87	<1.4	<1.3	<1.2	<4.7
IRPMW50-052099-W	5/20/99	<1.3	<1.5	<1.4	<1.6	<1.1	<1.2	<1.2	<4.7
IRPMW50-081299-W	8/12/99	<1.4	<1.6	<1.4	<0.87	<1.4	<1.3	<1.2	<4.7
IRPMW50-111799-W	11/17/99	<1.3	<1.5	<1.4	<1.6	<1.1	<1.2	<1.2	<4.7
Analyses		12	12	12	12	12	12	12	12
Detections		0	0	0	0	0	0	0	0
Minimum Concentration		0	0	0	0	0	0	0	0
Maximum Concentration		0	0	0	0	0	0	0	0
HWAD_-_GW_Action_Level		11	70	600	0.084	17	75		
HWAD_-_GW_Action_Level Hits		0	0	0	0	0	0		

Sample ID	ample Date	2,3,4,6-Tetrachlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,4-Dinitrophenol	2,4-Dinitrotoluene	2,6-Dichlorophenol
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
IRPMW50-020197-W	2/1/97	<0.5	<1.7	<0.5	<0.6	<0.9	<13 UJ	<0.7	<0.6
IRPMW50-042697-W	4/26/97	<1.4	<1.2	<1.1	<1.5	<5.2	<9.2	<0.2	<1.5
IRPMW50-072397-W	7/23/97	<0.5	<1.7	<0.5	<0.6	<0.9	<13	<0.7	<0.6
IRPMW50-101597-W	10/15/97 UJ	<0.5	<1.7	<0.5	<0.6	<0.9	<13	<0.7	NA
IRPMW50-030898-W	3/8/98	<1.7	<1.4	<1.7	<1.6	<1.4	<12	<1.7	NA
IRPMW50-060498-W	6/4/98	<1.1	<0.9	<1.2	<1.2	<1.2	<6	<0.54	NA
IRPMW50-090398-W	9/3/98 UJ	<1.1	<0.9	<1.2	<1.2	<1.2	<6	<0.54	NA
IRPMW50-120298-W	12/2/98	<1.5	<1.3	<1.3	<1.2	<1.1	<2.1	<1.2	NA
IRPMW50-021799-W	2/17/99	<1.3	<1.8	<1.7	<1.8	<1.4	<11	<1.5	NA
IRPMW50-052099-W	5/20/99	<1.7	<1.5	<1.5	<1.8	<1.3	<11	<1.2	NA
IRPMW50-081299-W	8/12/99	<1.3	<1.8	<1.7	<1.8	<1.4	<11	<1.5	NA
IRPMW50-111799-W	11/17/99	<1.7	<1.5	<1.5	<1.8	<1.3	<11 UJ-	<1.2	NA
Analyses		12	12	12	12	12	12	12	3
Detections		0	0	0	0	0	0	0	0
Minimum Concentration		0	0	0	0	0	0	0	0
Maximum Concentration		0	0	0	0	0	0	0	0
HWAD_-_GW_Action_Level		1100	3700	6.1	110	730	73	73	
HWAD_-_GW_Action_Level Hits		0	0	0	0	0	0	0	

Semivolatile Organic Compounds

Sample ID	ample Date	2,6-Dinitrotoluene	2-Chloronaphthalene	2-Chlorophenol	2-Methylnaphthalene	2-Methylphenol (o-Cresol)	2-Naphthylamine	2-Nitroaniline
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
IRPMW50-020197-W	2/1/97	<0.5	<0.8	<0.7	<0.8	<0.5	<1	<0.4
IRPMW50-042697-W	4/26/97	<1.1	<2	<1.5	<2.1	<1.7	<2.8 UJ	<1.4
IRPMW50-072397-W	7/23/97	<0.5	<0.8	<0.7	<0.8	<0.5	<1	<0.4
IRPMW50-101597-W	10/15/97	<0.5	<0.8	<0.7	<0.8	<0.5	<1 UJ	<0.4
IRPMW50-030898-W	3/8/98	<1.7	<1.5	<1.3	<1.1	<2.3	<2.1	<1.5
IRPMW50-060498-W	6/4/98	<1.2	<1.6	<1.1	<1.2	<2.5	<1.3	<0.86
IRPMW50-090398-W	9/3/98	<1.2	<1.6	<1.1	<1.2	<2.5	<1.3 UJ	<0.86
IRPMW50-120298-W	12/2/98	<1.2	<1.1	<1.2	<1.1	<2.7	<0.82	<1.3
IRPMW50-021799-W	2/17/99	<1.8	<2.6	<1.3	<2.3	<0.7	<5.7	<7.9
IRPMW50-052099-W	5/20/99	<1.7	<1.7	<1.5	<1.7	<1.2	<4.7	<6.8
IRPMW50-081299-W	8/12/99	<1.8	<2.6	<1.3	<2.3	<0.7	<5.7 UJ	<7.9
IRPMW50-111799-W	11/17/99	<1.7	<1.7	<1.5	<1.7	<1.2	<4.7	<6.8
Analyses		12	12	12	12	12	12	12
Detections		0	0	0	0	0	0	0
Minimum Concentration		0	0	0	0	0	0	0
Maximum Concentration		0	0	0	0	0	0	0
HWAD_-_GW_Action_Level		37	490	38		1800		2.2
HWAD_-_GW_Action_Level Hits		0	0	0		0		0

Semivolatile Organic Compounds

Sample ID	ample Date	2-Nitrophenol	2-Picoline	3,3-Dichlorobenzidine	3-Methylcholanthrene	3-Nitroaniline	3/4-Methylphenol (m/p-Cresol)	4,6-Dinitrophenol-o-cresol	4-Aminobiphenyl
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
IRPMW50-020197-W	2/1/97	<0.8	<0.5	<1.7	<0.6	<3.8	NA	<2.4	<0.7
IRPMW50-042697-W	4/26/97	<1.3	<1.9	<2.1	<1.7	<1.3	<4.2	<2.3	<1.4
IRPMW50-072397-W	7/23/97	<0.8	<0.5	<1.7	<0.6	<3.8	<1	<2.4	<0.7
IRPMW50-101597-W	10/15/97	<0.8	<0.5	<1.7	NA	<3.8	NA	<2.4	<0.7
IRPMW50-030898-W	3/8/98	<1.3	<1.3	<2.7	NA	<1.8	NA	<2.9	<1.5
IRPMW50-060498-W	6/4/98	<0.98	<1.2	<0.6	NA	<1.2	NA	<2.3	<1.6
IRPMW50-090398-W	9/3/98	<0.98	<1.2	<0.6	NA	<1.2	NA	<2.3	<1.6
IRPMW50-120298-W	12/2/98	<1.3	<0.88	<2.4	NA	<1.3	NA	<0.89	<1.6
IRPMW50-021799-W	2/17/99	<1.4	<1.1	<6.4	NA	<8.5	NA	<5.5	<1.5
IRPMW50-052099-W	5/20/99	<1.3	<1.5	<5	NA	<6.3	NA	<5.2	<0.67
IRPMW50-081299-W	8/12/99	<1.4	<1.1	<6.4	NA	<8.5	NA	<5.5	<1.5
IRPMW50-111799-W	11/17/99	<1.3	<1.5	<5	NA	<6.3	NA	<5.2	<0.67
Analyses		12	12	12	3	12	2	12	12
Detections		0	0	0	0	0	0	0	0
Minimum Concentration		0	0	0	0	0	0	0	0
Maximum Concentration		0	0	0	0	0	0	0	0
HWAD_-_GW_Action_Level				0.15			180		
HWAD_-_GW_Action_Level Hits				0			0		

Semivolatile Organic Compounds

Sample ID	ample Date	4-Bromophenyl phenyl ether	4-Chloro-3-methylphenol	4-Chloroaniline	4-Chlorophenyl phenyl ether	4-Methylphenol	4-Nitroaniline	4-Nitrophenol
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
IRPMW50-020197-W	2/1/97	<0.6	<0.6	<0.7	<0.7	<1	<1.1	<3.2 UJ-
IRPMW50-042697-W	4/26/97	<1.6	<1.7	<1.1	<1.2	NA	<1.7	<2.1
IRPMW50-072397-W	7/23/97	<0.6	<0.6	<0.7	<0.7	NA	<1.1	<3.2
IRPMW50-101597-W	10/15/97	<0.6	<0.6	<0.7	<0.7	<1	<1.1	<3.2
IRPMW50-030898-W	3/8/98	<0.61	<1.6	<0.63	<1.3	<2.3	<2	<1.9
IRPMW50-060498-W	6/4/98	<0.6	<1.2	<1.2	<0.79	<2.5	<1	<1.6
IRPMW50-090398-W	9/3/98	<0.6	<1.2	<1.2	<0.79	<2.5	<1	<1.6
IRPMW50-120298-W	12/2/98	<1.5	<1.3	<1.1	<1.2	<2.7	<1.4	<2.2
IRPMW50-021799-W	2/17/99	<2.1	<1.3	<5.9	<1.6	<1.7	<5.7	<3.7
IRPMW50-052099-W	5/20/99	<1.2	<1.4	<9.3	<1.4	<1.7	<7.1	<3.6
IRPMW50-081299-W	8/12/99	<2.1	<1.3	<5.9	<1.6	<1.7	<5.7	<3.7
IRPMW50-111799-W	11/17/99	<1.2	<1.4	<9.3	<1.4	<1.7	<7.1	<3.6
Analyses		12	12	12	12	10	12	12
Detections		0	0	0	0	0	0	0
Minimum Concentration		0	0	0	0	0	0	0
Maximum Concentration		0	0	0	0	0	0	0
HWAD_-_GW_Action_Level				150		180		
HWAD_-_GW_Action_Level Hits				0		0		

Semivolatile Organic Compounds

Sample ID	ample Date	7,12-Dimethylbenz(a)anthracene	a,a-Dimethylphenethylamine	Acenaphthene	Acenaphthylene	Acetophenone	Aniline	Anthracene
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
IRPMW50-020197-W	2/1/97	<0.8	<2	<0.7	<0.6	<0.5	<1.1	<0.5
IRPMW50-042697-W	4/26/97	<4.6	<1.3	<1.8	<2.1	<1.2	<1.1	<2.1
IRPMW50-072397-W	7/23/97	<0.8	<2 UJ-	<0.7	<0.6	<0.5	<1.1	<0.5
IRPMW50-101597-W	10/15/97	<0.8	<2	<0.7	<0.6	<0.5	<1.1	<0.5
IRPMW50-030898-W	3/8/98	<2.7	<3.5	<1.6	<1.4	<1.3	<1.5	<0.8
IRPMW50-060498-W	6/4/98	<0.67	<4.2	<1.1	<1.1	<0.99	<1.5	<1.5
IRPMW50-090398-W	9/3/98	<0.67	<4.2	<1.1	<1.1	<0.99	<1.5	<1.5
IRPMW50-120298-W	12/2/98	<1.2	<2.7	<1.2	<1.2	<1.4	<0.95	<1.4
IRPMW50-021799-W	2/17/99	<2.1	<5.8	<1.6	<1.4	<0.88	<0.78	<1.4
IRPMW50-052099-W	5/20/99	<0.67	<1.3	<1.4	<1.5	<1.5	<2	<1.1
IRPMW50-081299-W	8/12/99	<2.1	<5.8	<1.6	<1.4	<0.88	<0.78	<1.4
IRPMW50-111799-W	11/17/99	<0.67	<1.3	<1.4	<1.5	<1.5	<2	<1.1
Analyses		12	12	12	12	12	12	12
Detections		0	0	0	0	0	0	0
Minimum Concentration		0	0	0	0	0	0	0
Maximum Concentration		0	0	0	0	0	0	0
HWAD_-_GW_Action_Level				370		0.042	12	1800
HWAD_-_GW_Action_Level Hits				0		0	0	0

Sample ID	ample Date	Benzidine	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzoic acid
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
IRPMW50-020197-W	2/1/97	<1.7 UJ-	<0.8	<0.7	<0.5	<0.8	<0.9	<3.2 UJ
IRPMW50-042697-W	4/26/97	<1.4 UJ	<1.9	<1.5	<1.8	<1.5	<2.4 UJ	<3 UJ
IRPMW50-072397-W	7/23/97	<1.7 UJ-	<0.8	<0.7	<0.5	<0.8	<0.9	<3.2 UJ
IRPMW50-101597-W	10/15/97	<1.7 UJ	<0.8	<0.7	<0.5	<0.8	<0.9	<3.2
IRPMW50-030898-W	3/8/98	<2.1	<0.6	<2.5	<0.69	<2.6	<0.69	<2.7 UJ-
IRPMW50-060498-W	6/4/98	<1.8	<0.69	<2.2	<1.9	<0.57	<0.81	<3.2
IRPMW50-090398-W	9/3/98	<1.8	<0.69	<2.2	<1.9	<0.57	<0.81	<3.2
IRPMW50-120298-W	12/2/98	<0.47	<3	<3.1	<2.7	<4.3	<3.3	<1
IRPMW50-021799-W	2/17/99	<3.8	<1.8	<2	<1.8	<1.6	<2.3	<3.8
IRPMW50-052099-W	5/20/99	<3.8	<1.1	<2.2	<1	<1.5	<1.3	<3.6
IRPMW50-081299-W	8/12/99	<3.8	<1.8	<2	<1.8	<1.6	<2.3	<3.8
IRPMW50-111799-W	11/17/99	<3.8	<1.1	<1.2	<1	<1.5	<1.3	<3.6
Analyses		12	12	12	12	12	12	12
Detections		0	0	0	0	0	0	0
Minimum Concentration		0	0	0	0	0	0	0
Maximum Concentration		0	0	0	0	0	0	0
HWAD_-_GW_Action_Level		0.00029	0.1	0.2	0.2			150000
HWAD_-_GW_Action_Level Hits		0	0	0	0			0

Sample ID	ample Date	Benzyl alcohol	bis(2-Chloroethoxy) methane	bis(2-Chloroethyl) ether	bis(2-Chloroisopropyl)-ether	bis(2-Ethylhexyl)-phthalate	Butyl benzyl phthalate	Chrysene	Di-n-Butyl-phthalate
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
IRPMW50-020197-W	2/1/97	<0.5	<0.8	<0.7	<1.8 UJ-	<2.4	<0.7	<0.6	<1.3
IRPMW50-042697-W	4/26/97	<1.1	<1.4	<1.2	<2.3	6 J	<2.3	<1.1	<1.8
IRPMW50-072397-W	7/23/97	<0.5	<0.8	<0.7	<1.8	<2.4	<0.7	<0.6	<1.3
IRPMW50-101597-W	10/15/97	<0.5	<0.8	<0.7	<1.8	<2.4	3 J	<0.6	<1.3
IRPMW50-030898-W	3/8/98	<1	<1.6	<1.9	<2.3	6 J	5 J	<0.5	<1
IRPMW50-060498-W	6/4/98	<1.5	<1.2	<1.1	<2.3	<2.6	4 J	<0.7	<2.5
IRPMW50-090398-W	9/3/98	<1.5	<1.2	<1.1	<2.3	<2.6	4 J	<0.7	<2.5
IRPMW50-120298-W	12/2/98	<1.3	<1.2	<1.2	<1	<3.5	5 J	<3.2	<2.7
IRPMW50-021799-W	2/17/99	<0.53	<1.1	<2.4	<1.3	<2.8	4 J	<1.6	<1.8
IRPMW50-052099-W	5/20/99	<1.5	<1.5	<1.4	<1.4	<1.1	3 J	<1.3	<0.97
IRPMW50-081299-W	8/12/99	<0.53	<1.1	<2.4	<1.3	<2.8	3 J	<1.6	<1.8
IRPMW50-111799-W	11/17/99	<1.5	<1.5	<1.4	<1.4	<1.1	5 J	<1.3	<0.97
Analyses		12	12	12	12	12	12	12	12
Detections		0	0	0	0	2	9	0	0
Minimum Concentration		0	0	0	0	6	3	0	0
Maximum Concentration		0	0	0	0	6	5	0	0
HWAD_-_GW_Action_Level		11000		0.0098	0.27	6	100	0.2	3700
HWAD_-_GW_Action_Level Hits		0		0	0	2	0	0	0

Semivolatile Organic Compounds

Sample ID	ample Date	Di-n-octyl phthalate	Dibenz(a,h)anthracene	Dibenz(a,j)acridine	Dibenzofuran	Diethyl phthalate	Dimethyl phthalate	Diphenylamine
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
IRPMW50-020197-W	2/1/97	<0.7	<0.7	<0.6	<0.6	<0.7	<0.5	<0.7
IRPMW50-042697-W	4/26/97	<1.3	<1.4	<1.2	<2.3	<2	<1.2	<1.3
IRPMW50-072397-W	7/23/97	<0.7	<0.7	<0.6	<0.6	<0.7	<0.5	<0.7
IRPMW50-101597-W	10/15/97	<0.7	<0.7	<0.6	<0.6	<0.7	<0.5	<0.7
IRPMW50-030898-W	3/8/98	<2.8	<2.6	<2.4	<1.5	<1.5	<1.5	<1.5
IRPMW50-060498-W	6/4/98	<2.6	<2.1	<2	<0.93	<0.85	<0.8	<0.89
IRPMW50-090398-W	9/3/98	<2.6	<2.1	<2	<0.93	<0.85	<0.8	<0.89
IRPMW50-120298-W	12/2/98	<2.7	<4.3	<1.9	<1.3	<1.5	<1.5	<1.6
IRPMW50-021799-W	2/17/99	<3.1	<1.6	<1.5	<1.5	<1.7	<1.5	<1.5
IRPMW50-052099-W	5/20/99	<1.4	<1.3	<1.4	<1.6	<1.3	<1.4	<1.1
IRPMW50-081299-W	8/12/99	<3.1	<1.6	<1.5	<1.5	<1.7	<1.5	<1.5
IRPMW50-111799-W	11/17/99	<1.4	<1.3	<1.4	<1.6	<1.3	<1.4	<1.1
Analyses		12	12	12	12	12	12	12
Detections		0	0	0	0	0	0	0
Minimum Concentration		0	0	0	0	0	0	0
Maximum Concentration		0	0	0	0	0	0	0
HWAD_-_GW_Action_Level		730	0.0092		24	29000	370000	910
HWAD_-_GW_Action_Level Hits		0	0		0	0	0	0

Semivolatile Organic Compounds

Sample ID	ample Date	Ethyl methanesulfonate	Fluoranthene	Fluorene	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
IRPMW50-020197-W	2/1/97	<0.8	<0.7	<0.7	<0.6	<0.6	<8.2	<0.5
IRPMW50-042697-W	4/26/97	<1.2	<1.7	<2.1	<2.4	<3	<5.4	<1.7
IRPMW50-072397-W	7/23/97	<0.8	<0.7	<0.7	<0.6	<0.6	<8.2	<0.5
IRPMW50-101597-W	10/15/97	<0.8	<0.7	<0.7	<0.6	<0.6	<8.2	<0.5
IRPMW50-030898-W	3/8/98	<0.8	<1.2	<1.2	<1.3	<1.4	<8.5	<1.5
IRPMW50-060498-W	6/4/98	<0.8	<0.72	<0.78	<0.65	<1.2	<4.8	<0.87
IRPMW50-090398-W	9/3/98	<0.8	<0.72	<0.78	<0.65	<1.2	<4.8	<0.87
IRPMW50-120298-W	12/2/98	<0.8	<2.4	<1.3	<1.4	<0.95	<4.3	<0.95
IRPMW50-021799-W	2/17/99	<1.3	<1.6	<1.6	<1.6	<2	<8	<1
IRPMW50-052099-W	5/20/99	<1.1	<1.1	<1.4	<1.1	<1.4	<2.4	<1.4
IRPMW50-081299-W	8/12/99	<1.3	<1.6	<1.6	<1.6	<2	<8	<1
IRPMW50-111799-W	11/17/99	<1.1	<1.1	<1.4	<1.1	<1.4	<2.4	<1.4
Analyses		12	12	12	12	12	12	12
Detections		0	0	0	0	0	0	0
Minimum Concentration		0	0	0	0	0	0	0
Maximum Concentration		0	0	0	0	0	0	0
HWAD_-_GW_Action_Level			1500	240	1	0.86	50	4.8
HWAD_-_GW_Action_Level Hits			0	0	0	0	0	0

Semivolatile Organic Compounds

Sample ID	ample Date	Indeno(1,2,3-c,d)pyrene	Isophorone	Methyl methanesulfonate	N-Nitroso-di-n-butylamine	N-Nitroso-di-n-propylamine	N-Nitrosodimethylamine	N-Nitrosodiphenylamine
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
IRPMW50-020197-W	2/1/97	<0.7	<0.6	<0.5	<0.7	<0.6	<0.6	<0.5
IRPMW50-042697-W	4/26/97	<1.2	<1.2	<1.1	<1.1	<1.6	<1.1	<2.6
IRPMW50-072397-W	7/23/97	<0.7	<0.6	<0.5	<0.7	<0.6	<0.6	<0.5
IRPMW50-101597-W	10/15/97	<0.7	<0.6	<0.5	<0.7	<0.6	<0.6	<0.5
IRPMW50-030898-W	3/8/98	<2.7	<1.6	<1.4	<1.4	<1.3	<1.4	<1.6
IRPMW50-060498-W	6/4/98	<2	<1.1	<1.1	<1.1	<1.5	<0.89	<0.99
IRPMW50-090398-W	9/3/98	<2	<1.1	<1.1	<1.1	<1.5	<0.89	<0.99
IRPMW50-120298-W	12/2/98	<3.3	<1.4	<1.2	<1.6	<1.4	<1.6	<1.5
IRPMW50-021799-W	2/17/99	<1.9	<1.3	<0.87	<1.3	<1.9	<1.6	<7.1
IRPMW50-052099-W	5/20/99	<1.4	<1.3	<1.2	<1.3	<1.3	<1.2	<5.2
IRPMW50-081299-W	8/12/99	<1.9	<1.3	<0.87	<1.3	<1.9	<1.6	<7.1
IRPMW50-111799-W	11/17/99	<1.4	<1.3	<1.2	<1.3	<1.3	<1.2	<5.2
Analyses		12	12	12	12	12	12	12
Detections		0	0	0	0	0	0	0
Minimum Concentration		0	0	0	0	0	0	0
Maximum Concentration		0	0	0	0	0	0	0
HWAD_-_GW_Action_Level		0.092	71		0.002	0.0096	0.0013	14
HWAD_-_GW_Action_Level Hits		0	0		0	0	0	0

Semivolatile Organic Compounds

Sample ID	ample Date	N-Nitrosopiperidine	Naphthalene	Nitrobenzene	p-Dimethylaminoazobenzene	Pentachlorobenzene	Pentachloronitrobenzene	Pentachlorophenol
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
IRPMW50-020197-W	2/1/97	<0.6	<0.6	<0.8	<2.3	<1.8	NA	<1.8
IRPMW50-042697-W	4/26/97	<1.3	<1.1	<1.7	<1.1	<2.1	<1.4	<6.5
IRPMW50-072397-W	7/23/97	<0.6	<0.6	<0.8	<2.3	<1.8	<0.5	<1.8
IRPMW50-101597-W	10/15/97	<0.6	<0.6	<0.8	<2.3	<1.8	NA	<1.8
IRPMW50-030898-W	3/8/98	<1.5	<1.4	<0.94	<0.65	<1.6	<3.3	<15
IRPMW50-060498-W	6/4/98	<0.87	<1.1	<0.93	<0.65	<0.94	<0.51	<11
IRPMW50-090398-W	9/3/98	<0.87	<1.1	<0.93	<0.65	<0.94	<0.51	<11
IRPMW50-120298-W	12/2/98	<1.2	<1.1	<1.2	<0.65	<1.2	<1.7	<9.1
IRPMW50-021799-W	2/17/99	<1.7	<1.5	<0.83	<1.1	<1.8	<1.3	<3.7 UJ-
IRPMW50-052099-W	5/20/99	<1.2	<1.4	<0.79	<1.2	<1.5	<1	<11
IRPMW50-081299-W	8/12/99	<1.7	<1.5	<0.83	<1.1	<1.8	<1.3	<3.7
IRPMW50-111799-W	11/17/99	<1.2	<1.4	<0.79	<1.2	<1.5	<1	<11
Analyses		12	12	12	12	12	10	12
Detections		0	0	0	0	0	0	0
Minimum Concentration		0	0	0	0	0	0	0
Maximum Concentration		0	0	0	0	0	0	0
HWAD_-_GW_Action_Level			6.2	3.4		29	0.26	1
HWAD_-_GW_Action_Level Hits			0	0		0	0	0

Semivolatile Organic Compounds

Sample ID	ample Date	Phenacetin	Phenanthrene	Phenol	Pronamide	Pyrene
		ug/l	ug/l	ug/l	ug/l	ug/l
IRPMW50-020197-W	2/1/97	<0.6	<0.6	<1.9	<2.6	<0.6
IRPMW50-042697-W	4/26/97	<1.4	<2.5	<1.4	<1.2	<2.4
IRPMW50-072397-W	7/23/97	<0.6	<0.6	<1.9	<2.6	<0.6
IRPMW50-101597-W	10/15/97	<0.6	<0.6	<1.9	<2.6	<0.6
IRPMW50-030898-W	3/8/98	<0.99	<1	<1.7	<1.6	<0.54
IRPMW50-060498-W	6/4/98	<2.2	<1.1	<1.1	<0.57	<0.57
IRPMW50-090398-W	9/3/98	<2.2	<1.1	<1.1	<0.57	<0.57
IRPMW50-120298-W	12/2/98	<3.5	<1.6	<1.1	<2.9	<2.1
IRPMW50-021799-W	2/17/99	<0.84	<1.5	<0.55	<1.8	<1.8
IRPMW50-052099-W	5/20/99	<1.1	<1.2	<2.1	<1.3	<1.1
IRPMW50-081299-W	8/12/99	<0.84	<1.5	<0.55	<1.8	<1.8
IRPMW50-111799-W	11/17/99	<1.1	<1.2	<2.1	<1.3	<1.1
Analyses		12	12	12	12	12
Detections		0	0	0	0	0
Minimum Concentration		0	0	0	0	0
Maximum Concentration		0	0	0	0	0
HWAD_-_GW_Action_Level				22000	2700	180
HWAD_-_GW_Action_Level Hits				0	0	0

Explosives

Sample ID	ample Date	1,3,5-Trinitrobenzene	1,3-Dinitrobenzene	2,4,6-Trinitrotoluene	2,4-Dinitrotoluene	2/4-Nitrotoluene	2,6-Dinitrotoluene
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
IRPMW50-020197-W	2/1/97	<0.1	<0.058	<0.065	<0.018	NA	<0.09
IRPMW50-042697-W	4/26/97	<0.1	<0.058	<0.065	<0.018	NA	<0.09
IRPMW50-072397-W	7/23/97	<0.1	<0.058	<0.065	<0.018	NA	<0.09
IRPMW50-101597-W	10/15/97	<0.1	<0.061	<0.094	<0.02	NA	<0.066
IRPMW50-030898-W	3/8/98	<0.093	<0.09	<0.069	<0.061	NA	<0.12
IRPMW50-060498-W	6/4/98	<0.093	<0.09	<0.069	<0.061	NA	<0.12
IRPMW50-090398-W	9/3/98	<0.093	<0.09	<0.069	<0.061	NA	<0.12
IRPMW50-120298-W	12/2/98	<0.093	<0.09	<0.069	<0.061	NA	<0.12
IRPMW50-021799-W	2/17/99	<0.22	<0.22	<0.13	<0.13	<0.05	<0.16
IRPMW50-052099-W	5/20/99	<0.22	<0.22	<0.13	<0.13	<0.05	<0.16
IRPMW50-081299-W	8/12/99	<0.22	<0.22	<0.13	<0.13	NA	<0.16
IRPMW50-111799-W	11/17/99	<0.22	<0.22	<0.13	<0.13	NA	<0.16
Analyses		12	12	12	12	2	12
Detections		0	0	0	0	0	0
Minimum Concentration		0	0	0	0	0	0
Maximum Concentration		0	0	0	0	0	0
HWAD_-_GW_Action_Level		1100	3.7	2.2	73		37
HWAD_-_GW_Action_Level Hits		0	0	0	0		0

Explosives

Sample ID	ample Date	2-Amino-4,6-dinitrotoluene	2-Nitrotoluene	3-Nitrotoluene	4-Amino-2,6-dinitrotoluene	4-Nitrotoluene	HMX
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
IRPMW50-020197-W	2/1/97	<0.031	<0.13	<0.11	<0.035	<0.13	<0.17
IRPMW50-042697-W	4/26/97	<0.031	<0.13	<0.11	<0.035	<0.13	<0.17
IRPMW50-072397-W	7/23/97	<0.031	<0.13	<0.11	<0.035	<0.13	<0.17
IRPMW50-101597-W	10/15/97	<0.022	<0.14	<0.11	<0.022	<0.13	<0.15
IRPMW50-030898-W	3/8/98	<0.14	<0.074	<0.16	<0.13	<0.074	<0.11
IRPMW50-060498-W	6/4/98	<0.14	NA	<0.16	<0.13	NA	<0.11
IRPMW50-090398-W	9/3/98	NA	NA	<0.16	<0.13	NA	<0.11
IRPMW50-120298-W	12/2/98	NA	NA	<0.16	<0.13	NA	<0.11
IRPMW50-021799-W	2/17/99	<0.11	NA	<0.063	<0.13	NA	<0.25
IRPMW50-052099-W	5/20/99	<0.11	NA	<0.063	<0.13	NA	<0.25
IRPMW50-081299-W	8/12/99	<0.11	<0.05	<0.063	<0.13	<0.05	<0.25
IRPMW50-111799-W	11/17/99	<0.11	<0.05	<0.063	<0.13	<0.05	<0.25
Analyses		10	7	12	12	7	12
Detections		0	0	0	0	0	0
Minimum Concentration		0	0	0	0	0	0
Maximum Concentration		0	0	0	0	0	0
HWAD_-_GW_Action_Level		0.099		370	0.099	370	1800
HWAD_-_GW_Action_Level Hits		0		0	0	0	0

Explosives

Sample ID	ample Date	Nitrobenzene	Picric Acid	RDX	Tetryl
		ug/l	ug/l	ug/l	ug/l
IRPMW50-020197-W	2/1/97	<0.073	<7.1	<0.13	<0.066
IRPMW50-042697-W	4/26/97	<0.073	<7.1	<0.13	<0.066
IRPMW50-072397-W	7/23/97	<0.11	<7.1	<0.13	<0.13
IRPMW50-101597-W	10/15/97	<0.11	<0.3	2 J	<0.13
IRPMW50-030898-W	3/8/98	<0.11	<0.3	<0.078	<0.065
IRPMW50-060498-W	6/4/98	<0.11	<0.3	<0.078	<0.065
IRPMW50-090398-W	9/3/98	<0.11	<0.3	<0.078	<0.065
IRPMW50-120298-W	12/2/98	<0.11	NA	<0.078	<0.065
IRPMW50-021799-W	2/17/99	<0.26	<0.24	<0.29	<0.12
IRPMW50-052099-W	5/20/99	<0.26	<0.24	<0.29	<0.12
IRPMW50-081299-W	8/12/99	<0.26	<0.24	<0.29	<0.12
IRPMW50-111799-W	11/17/99	<0.26	<0.24	<0.29	<0.12
Analyses		12	11	12	12
Detections		0	0	1	0
Minimum Concentration		0	0	2	0
Maximum Concentration		0	0	2	0
HWAD_-_GW_Action_Level		3.4	1	0.61	
HWAD_-_GW_Action_Level Hits		0	0	1	

Nitrogen Compounds
USEPA Methods 350.2, 353.1, 353.3 (APCL)

Sample ID	Location ID	Sample Date	Depth	Total Kjeldahl Nitrogen mg/l	Ammonia as Nitrogen mg/l	Nitrate plus Nitrite mg/l
IRPMW49-021800-W	IRPMW49	2/18/2000	235.6	0.41	0.3 J	NA
IRPMW49-051800-W	IRPMW49	5/18/2000	235.6	0.3	0.2 J	0.04 J
IRPMW49-081600-W	IRPMW49	8/16/2000	235	0.43	0.2 J	0.84
IRPMW49-111500-W	IRPMW49	11/15/2000	210	0.4	0.3	0.26
IRPMW50-021800-W	IRPMW50	2/18/2000	183	0.44	0.2 J	NA
IRPMW50-051800-W	IRPMW50	5/18/2000	183.2	0.2 J	0.09 J	0.78
IRPMW50-081600-W	IRPMW50	8/16/2000	183	0.3	0.2 J	0.72
IRPMW50-111500-W	IRPMW50	11/15/2000	185	0.3	0.09 J	1.3
Analyses				8	8	6
Detections				8	8	6
Minimum Concentration				0.2	0.09	0.04
Maximum Concentration				0.44	0.3	1.3
HWAD_-_GW_Action_Level						1
HWAD_-_GW_Action_Level Hits						1

Metals
USEPA Methods 6010A and 7470A (APCL)

Sample ID	Location ID	Sample Date	Depth	Arsenic, Total ug/l	Beryllium, Total ug/l	Cadmium, Total ug/l	Chromium, Total ug/l	Lead, Total ug/l	Mercury, Total ug/l	Selenium, Total ug/l	Silver, Total ug/l	Barium, Total ug/l
IRPMW49-021800-W	IRPMW49	2/18/2000	235.6	11.8	NA	0.4	4.8 J	<1.3	<0.2	<2	<1.1	21.2
IRPMW50-021800-W	IRPMW50	2/18/2000	183	2.8 J	NA	0.25	6.2	<1.3	<0.2	<2	<1.1	27.4
Analyses				2	0	2	2	2	2	2	2	2
Detections				2	0	2	2	0	0	0	0	2
Minimum Concentration				2.8	0	0.25	4.8	0	0	0	0	21.2
Maximum Concentration				11.8	0	0.4	6.2	0	0	0	0	27.4
HWAD_-_GW_Action_Level				50	4	5	100	15	2	180	180	2000
HWAD_-_GW_Action_Level Hits				0	0	0	0	0	0	0	0	0

Cations
USEPA Method 6010A (APCL)

Sample ID	Location ID	Sample Date	Depth	Calcium, Total ug/l	Iron, Total ug/l	Magnesium, Total ug/l	Potassium, Total ug/l	Sodium, Total ug/l
IRPMW49-021800-W	IRPMW49	2/18/2000	235.6	81500	15.7 J	12400	13400	196000
IRPMW50-021800-W	IRPMW50	2/18/2000	183	91700	19.2 J	13400	11500	197000
Analyses				2	2	2	2	2
Detections				2	2	2	2	2
Minimum Concentration				81500	15.7	12400	11500	196000
Maximum Concentration				91700	19.2	13400	13400	197000
HWAD_-_GW_Action_Level					11000			
HWAD_-_GW_Action_Level Hits					0			

Dissolved Metals
USEPA Methods 6010A and 7470A (APCL)

Sample ID	Location ID	Sample Date	Depth	Arsenic, Dissolved ug/l	Beryllium, Dissolved ug/l	Cadmium, Dissolved ug/l	Chromium, Dissolved ug/l	Lead, Dissolved ug/l	Mercury, Dissolved ug/l	Selenium, Dissolved ug/l	Silver, Dissolved ug/l	Barium, Dissolved ug/l
IRPMW49-021800-W	IRPMW49	2/18/2000	235.6	12.9	NA	0.27	3.6 J	<1.3	0.24 J	<2	<1.1	19.8 J
IRPMW50-021800-W	IRPMW50	2/18/2000	183	3.8 J	NA	<0.24	3.7 J	<1.3	<0.2	<2	<1.1	26.3
Analyses				2	0	2	2	2	2	2	2	2
Detections				2	0	1	2	0	1	0	0	2
Minimum Concentration				3.8	0	0.27	3.6	0	0.24	0	0	19.8
Maximum Concentration				12.9	0	0.27	3.7	0	0.24	0	0	26.3
HWAD_-_GW_Action_Level				50	4	5	100	15	2	180	180	2000
HWAD_-_GW_Action_Level Hits				0	0	0	0	0	0	0	0	0

Volatile Organic Compounds
USEPA Method 8260A (APCL)

Sample ID	Location ID	Sample Date	Depth	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	1,2-Dichlorobenzene
				ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
IRPMW49-021800-W	IRPMW49	2/18/2000	235.6	<0.45	<0.19	<0.27	<0.25	<0.23	<0.32	<0.27	<0.32	<0.62	<0.36	<1.5	<0.24	<0.22
IRPMW49-051800-W	IRPMW49	5/18/2000	235.6	<0.26	<0.12	<0.24	<0.88	<0.17	<0.76	<0.28	<0.3	<1.2	<0.22	<0.31	<0.25	<0.19
IRPMW49-081600-W	IRPMW49	8/16/2000	235	<0.45	<0.19	<0.27	<0.25	<0.23	<0.32	<0.27	<0.32	<0.62	<0.36	<1.5	<0.24	<0.22
IRPMW49-111500-W	IRPMW49	11/15/2000	210	<0.092	<0.047	<0.065	<0.078	<0.056	<0.038	<0.054	<0.14	<0.11	<0.12	<0.17	<0.054	<0.14
IRPMW50-021800-W	IRPMW50	2/18/2000	183	<0.45	<0.19	<0.27	<0.25	<0.23	<0.32	<0.27	<0.32	<0.62	<0.36	<1.5	<0.24	<0.22
IRPMW50-051800-W	IRPMW50	5/18/2000	183.2	<0.26	<0.12	<0.24	<0.88	<0.17	<0.76	<0.28	<0.3	<1.2	<0.22	<0.31	<0.25	<0.19
IRPMW50-081600-W	IRPMW50	8/16/2000	183	<0.45	<0.19	<0.27	<0.25	<0.23	<0.32	<0.27	<0.32	<0.62	<0.36	<1.5	<0.24	<0.22
IRPMW50-111500-W	IRPMW50	11/15/2000	185	<0.092	<0.047	<0.065	<0.078	<0.056	<0.038	<0.054	<0.14	<0.11	<0.12	<0.17	<0.054	<0.14
Analyses				8	8	8	8	8	8	8	8	8	8	8	8	8
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_-_GW_Action_Level				0.43	200	0.055	5	810	7			0.0016	70	12	0.05	600
HWAD_-_GW_Action_Level Hits				0	0	0	0	0	0			0	0	0	0	0

Volatile Organic Compounds
USEPA Method 8260A (APCL)

Sample ID	Location ID	Sample Date	Depth	1,2-Dichloroethane ug/l	1,2-Dichloropropane ug/l	1,3,5-Trimethylbenzene ug/l	1,3-Dichlorobenzene ug/l	1,3-Dichloropropane ug/l	1,4-Dichlorobenzene ug/l	2,2-Dichloropropane ug/l	2-Chlorotoluene ug/l	4-Chlorotoluene ug/l	4-Isopropyltoluene ug/l	Benzene ug/l	Bromobenzene ug/l	Bromochloromethane ug/l	Bromodichloromethane ug/l
IRPMW49-021800-W	IRPMW49	2/18/2000	235.6	<0.19	<0.14	<0.24	<0.27	<0.23	<0.27	<0.22	<0.43	<0.25	<0.24	<0.26	<0.29	<0.41	<0.34
IRPMW49-051800-W	IRPMW49	5/18/2000	235.6	<0.87	<0.2	<0.17	<0.12	<0.14	<0.18	<0.2	<0.27	<0.3	<0.09	<0.08	<0.32	<1.1	<0.31
IRPMW49-081600-W	IRPMW49	8/16/2000	235	0.7 J	<0.14	<0.24	<0.27	<0.23	<0.27	<0.22	<0.43	<0.25	<0.24	<0.26	<0.29	<0.41	<0.34
IRPMW49-111500-W	IRPMW49	11/15/2000	210	<0.065	<0.035	<0.17	<0.13	<0.07	<0.22	<0.087	<0.13	<0.17	<0.2	<0.054	<0.13	<0.15	<0.11
IRPMW50-021800-W	IRPMW50	2/18/2000	183	<0.19	<0.14	<0.24	<0.27	<0.23	<0.27	<0.22	<0.43	<0.25	<0.24	<0.26	<0.29	<0.41	<0.34
IRPMW50-051800-W	IRPMW50	5/18/2000	183.2	<0.87	<0.2	<0.17	<0.12	<0.14	<0.18	<0.2	<0.27	<0.3	<0.09	<0.08	<0.32	<1.1	<0.31
IRPMW50-081600-W	IRPMW50	8/16/2000	183	0.7 J	<0.14	<0.24	<0.27	<0.23	<0.27	<0.22	<0.43	<0.25	<0.24	<0.26	<0.29	<0.41	<0.34
IRPMW50-111500-W	IRPMW50	11/15/2000	185	0.4 J	<0.035	<0.17	<0.13	<0.07	<0.22	<0.087	<0.13	<0.17	<0.2	<0.054	<0.13	<0.15	<0.11
Analyses				8	8	8	8	8	8	8	8	8	8	8	8	8	8
Detections				3	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration				0.4	0	0	0	0	0	0	0	0	0	0	0	0	0
Maximum Concentration				0.7	0	0	0	0	0	0	0	0	0	0	0	0	0
HWAD_-_GW_Action_Level				5	5		17		75		120			5			100
HWAD_-_GW_Action_Level Hits				0	0		0		0		0			0			0

Volatile Organic Compounds
USEPA Method 8260A (APCL)

Sample ID	Location ID	Sample Date	Depth	Bromoform ug/l	Bromomethane ug/l	Carbon tetrachloride ug/l	Chlorobenzene ug/l	Chloroethane ug/l	Chloroform ug/l	Chloromethane ug/l	cis-1,2-Dichloroethene ug/l	cis-1,3-Dichloropropene ug/l	Dibromochloromethane ug/l	Dibromochloropropane ug/l	Dibromomethane ug/l	Dichlorodifluoromethane ug/l
IRPMW49-021800-W	IRPMW49	2/18/2000	235.6	<0.39	<0.56	<0.33	<0.29	<0.45	<0.31	<0.25	<0.14	<0.29	<0.24	<1.6	<0.39	<0.4
IRPMW49-051800-W	IRPMW49	5/18/2000	235.6	<0.3	<0.88	<0.12	<0.16	<0.32	<0.22	<0.35	<0.34	<0.09	<0.47	<2.3	<0.66	<0.29
IRPMW49-081600-W	IRPMW49	8/16/2000	235	<0.39	<0.56	<0.33	<0.29	<0.45	<0.31	<0.25	<0.14	<0.29	<0.24	<1.6	<0.39	<0.4
IRPMW49-111500-W	IRPMW49	11/15/2000	210	<0.065	<0.036	<0.054	<0.09	<0.065	<0.044	<0.094	<0.043	<0.046	<0.076	<0.19	<0.044	<0.042
IRPMW50-021800-W	IRPMW50	2/18/2000	183	<0.39	<0.56	<0.33	<0.29	<0.45	<0.31	<0.25	<0.14	<0.29	<0.24	<1.6	<0.39	<0.4
IRPMW50-051800-W	IRPMW50	5/18/2000	183.2	<0.3	<0.88	<0.12	<0.16	<0.32 UJ-	<0.22	<0.35	<0.34	<0.09	<0.47	<2.3	<0.66	<0.29
IRPMW50-081600-W	IRPMW50	8/16/2000	183	<0.39	<0.56	<0.33	<0.29	<0.45	<0.31	<0.25	<0.14	<0.29	<0.24	<1.6	<0.39	<0.4
IRPMW50-111500-W	IRPMW50	11/15/2000	185	<0.065	<0.036	<0.054	<0.09	<0.065	<0.044	<0.094	<0.043	<0.046	<0.076	<0.19	<0.044	<0.042
Analyses				8	8	8	8	8	8	8	8	8	8	8	8	8
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_-_GW_Action_Level				100	8.7	5	100		100	1.5	70		100	0.2		390
HWAD_-_GW_Action_Level Hits				0	0	0	0		0	0	0		0	0		0

Volatile Organic Compounds
USEPA Method 8260A (APCL)

Sample ID	Location ID	Sample Date	Depth	Ethylbenzene ug/l	Hexachlorobutadiene ug/l	Isopropylbenzene ug/l	m-&p-Xylenes ug/l	Methylene chloride ug/l	MTBE ug/l	n-Butylbenzene ug/l	n-Propylbenzene ug/l	Naphthalene ug/l	o-Xylene ug/l	sec-Butylbenzene ug/l	Styrene ug/l	tert-Butylbenzene ug/l	Tetrachloroethene ug/l
IRPMW49-021800-W	IRPMW49	2/18/2000	235.6	<0.26	<0.3	<0.26	<0.45	1	<0.53	<0.34	<0.32	<0.66	<0.27	<0.3	<0.2	<0.4	<0.39
IRPMW49-051800-W	IRPMW49	5/18/2000	235.6	<0.15	<0.89	<0.15	<0.37	<3.8	<0.25	<0.28	<0.19	<0.15	<0.23	<0.15	<0.13	<0.18	<0.15
IRPMW49-081600-W	IRPMW49	8/16/2000	235	<0.26	<0.3	<0.26	<0.45	<0.51	<0.53	<0.34	<0.32	<0.66	<0.27	<0.3	<0.2	<0.4	<0.39
IRPMW49-111500-W	IRPMW49	11/15/2000	210	<0.088	<0.22	<0.17	<0.22	0.5 J	<0.097	<0.17	<0.13	<0.16	<0.074	<0.15	<0.1	<0.16	<0.088
IRPMW50-021800-W	IRPMW50	2/18/2000	183	<0.26	<0.3	<0.26	<0.45	1	<0.53	<0.34	<0.32	<0.66	<0.27	<0.3	<0.2	<0.4	<0.39
IRPMW50-051800-W	IRPMW50	5/18/2000	183.2	<0.15	<0.89	<0.15	<0.37	<3.8	<0.25	<0.28	<0.19	<0.15	<0.23	<0.15	<0.13	<0.18	<0.15
IRPMW50-081600-W	IRPMW50	8/16/2000	183	<0.26	<0.3	<0.26	<0.45	<0.51	<0.53	<0.34	<0.32	<0.66	<0.27	<0.3	<0.2	<0.4	<0.39
IRPMW50-111500-W	IRPMW50	11/15/2000	185	<0.088	<0.22	<0.17	<0.22	0.7 J	<0.097	<0.17	<0.13	<0.16	<0.074	<0.15	<0.1	<0.16	<0.088
Analyses				8	8	8	8	8	8	8	8	8	8	8	8	8	8
Detections				0	0	0	0	4	0	0	0	0	0	0	0	0	0
Minimum Concentration				0	0	0	0	0.5	0	0	0	0	0	0	0	0	0
Maximum Concentration				0	0	0	0	1	0	0	0	0	0	0	0	0	0
HWAD_-_GW_Action_Level				700	0.86	19	10000	5	20			6.2	10000		100		5
HWAD_-_GW_Action_Level Hits				0	0	0	0	0	0			0	0		0		0

Volatile Organic Compounds
USEPA Method 8260A (APCL)

Sample ID	Location ID	Sample Date	Depth	Toluene ug/l	trans-1,2-Dichloroethene ug/l	trans-1,3-Dichloropropen ug/l	Trichloroethene ug/l	Trichlorofluoromethane ug/l	Vinyl chloride ug/l
IRPMW49-021800-W	IRPMW49	2/18/2000	235.6	<0.21	<0.14	<0.29	<0.28	<0.26	<0.19
IRPMW49-051800-W	IRPMW49	5/18/2000	235.6	<0.12	<0.19	<0.2	<0.28	<0.33	<0.31
IRPMW49-081600-W	IRPMW49	8/16/2000	235	<0.21	<0.14	<0.29	38	<0.26	<0.19
IRPMW49-111500-W	IRPMW49	11/15/2000	210	<0.034	<0.036	<0.044	<0.057	<0.053	<0.068
IRPMW50-021800-W	IRPMW50	2/18/2000	183	<0.21	<0.14	<0.29	32	<0.26	<0.19
IRPMW50-051800-W	IRPMW50	5/18/2000	183.2	<0.12	<0.19	<0.2	18	<0.33	<0.31
IRPMW50-081600-W	IRPMW50	8/16/2000	183	<0.21	<0.14	<0.29	34	<0.26	<0.19
IRPMW50-111500-W	IRPMW50	11/15/2000	185	<0.034	<0.036	<0.044	24	<0.053	<0.068
Analyses				8	8	8	8	8	8
Detections				0	0	0	5	0	0
Minimum Concentration				0	0	0	18	0	0
Maximum Concentration				0	0	0	38	0	0
HWAD_-_GW_Action_Level				1000	100	0.081	5	1300	2
HWAD_-_GW_Action_Level Hits				0	0	0	5	0	0

Semivolatile Organic Compounds
USEPA Method 8270B (APCL)

Sample ID	Location ID	Sample Date	Depth	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	2,4-Dichlorophenol	2,4-Dimethylphenol
				ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
IRPMW49-021800-W	IRPMW49	2/18/2000	235.6	<1.4	<1.4	<1.3	<1.1	<1.2	<1.2	<0	<19	<1.4	<1.5	<1.4	<1.4	<1.5
IRPMW49-051800-W	IRPMW49	5/18/2000	235.6	<2.6	<2	<1.9	<2.8	<2.1	<1.8	<2.1	<7.6	<1.3	<1.4	<2.1	<2.1	<1.2
IRPMW49-081600-W	IRPMW49	8/16/2000	235	<2.6	<2	<1.9	<2.8	<2.1	<1.8	<2.1	<7.6	<1.3	<1.4	<2.1	<2.1	<1.2
IRPMW49-111500-W	IRPMW49	11/15/2000	210	<1.4	<1.4	<1.3	<1.1	<1.2	<1.2	<1.7	<19	<1.4	<1.5	<1.4	<1.4	<1.5
IRPMW50-021800-W	IRPMW50	2/18/2000	183	<1.4	<1.4	<1.3	<1.1	<1.2	<1.2	<0	<19	<1.4	<1.5	<1.4	<1.4	<1.5
IRPMW50-051800-W	IRPMW50	5/18/2000	183.2	<2.6	<2	<1.9	<2.8	<2.1	<1.8	<2.1	<7.6	<1.3	<1.4	<2.1	<2.1	<1.2
IRPMW50-081600-W	IRPMW50	8/16/2000	183	<2.6	<2	<1.9	<2.8	<2.1	<1.8	<2.1	<7.6	<1.3	<1.4	<2.1	<2.1	<1.2
IRPMW50-111500-W	IRPMW50	11/15/2000	185	<1.4	<1.4	<1.3	<1.1	<1.2	<1.2	<1.7	<19	<1.4	<1.5	<1.4	<1.4	<1.5
Analyses				8	8	8	8	8	8	8	8	8	8	8	8	8
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_-_GW_Action_Level				11	70	600	0.084	17	75			1100	3700	6.1	110	730
HWAD_-_GW_Action_Level Hits				0	0	0	0	0	0			0	0	0	0	0

Semivolatile Organic Compounds
USEPA Method 8270B (APCL)

Sample ID	Location ID	Sample Date	Depth	2,4-Dinitrophenol ug/l	2,4-Dinitrotoluene ug/l	2,6-Dinitrotoluene ug/l	2-Chloronaphthalene ug/l	2-Chlorophenol ug/l	2-Methylnaphthalene ug/l	2-Methylphenol (o-Cresol) ug/l	2-Naphthylamine ug/l	2-Nitroaniline ug/l	2-Nitrophenol ug/l	2-Picoline ug/l	3,3-Dichlorobenzidine ug/l	3-Nitroaniline ug/l
IRPMW49-021800-W	IRPMW49	2/18/2000	235.6	<6.2	<1.5	<1.8	<1.7	<1.3	<1.7	<1.3	<19	<8.2	<1.2	<0.96	<9.3	<7.7
IRPMW49-051800-W	IRPMW49	5/18/2000	235.6	<14	<2	<2.1	<2.1	<1.8	<1.5	<1.3	<6.3	<8.6	<1.7	<1.4	<7.8	<7.6
IRPMW49-081600-W	IRPMW49	8/16/2000	235	<14 UJ	<2	<2.1	<2.1	<1.8	<1.5	<1.3	<6.3 UJ	<8.6	<1.7	<1.4	<7.8	<7.6
IRPMW49-111500-W	IRPMW49	11/15/2000	210	<6.2 UJ	<1.5	<1.8	<1.7	<1.3	<1.7	<1.3	<19	<8.2	<1.2 UJ	<0.96	<9.3	<7.7
IRPMW50-021800-W	IRPMW50	2/18/2000	183	<6.2	<1.5	<1.8	<1.7	<1.3	<1.7	<1.3	<19	<8.2	<1.2	<0.96	<9.3	<7.7
IRPMW50-051800-W	IRPMW50	5/18/2000	183.2	<14	<2	<2.1	<2.1	<1.8	<1.5	<1.3	<6.3	<8.6	<1.7	<1.4	<7.8	<7.6
IRPMW50-081600-W	IRPMW50	8/16/2000	183	<14 UJ	<2	<2.1	<2.1	<1.8	<1.5	<1.3	<6.3 UJ	<8.6	<1.7	<1.4	<7.8	<7.6
IRPMW50-111500-W	IRPMW50	11/15/2000	185	<6.2	<1.5	<1.8	<1.7	<1.3	<1.7	<1.3	<19	<8.2	<1.2	<0.96	<9.3	<7.7
Analyses				8	8	8	8	8	8	8	8	8	8	8	8	8
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_-_GW_Action_Level				73	73	37	490	38		1800		2.2			0.15	
HWAD_-_GW_Action_Level Hits				0	0	0	0	0		0		0			0	

Semivolatile Organic Compounds
USEPA Method 8270B (APCL)

Sample ID	Location ID	Sample Date	Depth	4,6-Dinitrophenol-o-cresol	4-Aminobiphenyl	4-Bromophenyl phenyl ether	4-Chloro-3-methylphenol	4-Chloroaniline	4-Chlorophenyl phenyl ether	4-Methylphenol	4-Nitroaniline	4-Nitrophenol	7,12-Dimethylbenz(a)anthracene	a,a-Dimethylphenethylamine	Acenaphthene	Acenaphthylene
				ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
IRPMW49-021800-W	IRPMW49	2/18/2000	235.6	<3.4	<1.5	<1.8	<1.9	<7.6	<1.8	<1.1	<7.5 UJ-	<14	<2.1	<1.2 UJ	<1.5	<1.7
IRPMW49-051800-W	IRPMW49	5/18/2000	235.6	<4.5	<1.8	<2.1	<1.7	<7.8	<2	<1.8	<7.3	<14	<1.1	<6.2	<2	<1.9
IRPMW49-081600-W	IRPMW49	8/16/2000	235	<4.5	<1.8	<2.1	<1.7	<7.8	<2	<1.8	<7.3 UJ-	<14	<1.1	<6.2 UJ	<2	<1.9
IRPMW49-111500-W	IRPMW49	11/15/2000	210	<3.4	<1.5	<1.8	<1.9	<7.6	<1.8	<1.1	<7.5	<14	<2.1	<1.2	<1.5	<1.7
IRPMW50-021800-W	IRPMW50	2/18/2000	183	<3.4	<1.5	<1.8	<1.9	<7.6	<1.8	<1.1	<7.5 UJ-	<14	<2.1	<1.2 UJ	<1.5	<1.7
IRPMW50-051800-W	IRPMW50	5/18/2000	183.2	<4.5	<1.8	<2.1	<1.7	<7.8	<2	<1.8	<7.3	<14	<1.1	<6.2	<2	<1.9
IRPMW50-081600-W	IRPMW50	8/16/2000	183	<4.5	<1.8	<2.1	<1.7	<7.8	<2	<1.8	<7.3 UJ	<14	<1.1	<6.2 UJ	<2	<1.9
IRPMW50-111500-W	IRPMW50	11/15/2000	185	<3.4	<1.5	<1.8	<1.9	<7.6	<1.8	<1.1	<7.5	<14	<2.1	<1.2	<1.5	<1.7
Analyses				8	8	8	8	8	8	8	8	8	8	8	8	8
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_-_GW_Action_Level								150		180					370	
HWAD_-_GW_Action_Level Hits								0		0					0	

Semivolatile Organic Compounds
USEPA Method 8270B (APCL)

Sample ID	Location ID	Sample Date	Depth	Acetophenone ug/l	Aniline ug/l	Anthracene ug/l	Benzidine ug/l	Benzo(a)anthracene ug/l	Benzo(a)pyrene ug/l	Benzo(b)fluoranthene ug/l	Benzo(g,h,i)perylene ug/l	Benzo(k)fluoranthene ug/l	Benzoic acid ug/l	Benzyl alcohol ug/l	bis(2-Chloroethoxy) methane ug/l
IRPMW49-021800-W	IRPMW49	2/18/2000	235.6	<1.4	<1.3	<1.6	<8.1	<1.6	<1.6	<1.4	<2	<1.8	<0	<1.3	<1.9
IRPMW49-051800-W	IRPMW49	5/18/2000	235.6	<1.6	<1.9	<1.7	<5.1	<1.6	<1.7	<1.5	<1.6	<1.4	<50	<1.4 UJ-	<1.4
IRPMW49-081600-W	IRPMW49	8/16/2000	235	<1.6	<1.9	<1.7	<5.1 UJ	<1.6	<1.7	<1.5	<1.6	<1.4	<50 UJ	<1.4	<1.4
IRPMW49-111500-W	IRPMW49	11/15/2000	210	<1.4	<1.3	<1.6	<8.1 UJ	<1.6	<1.6	<1.4	<2	<1.8	<49	<1.3	<1.9
IRPMW50-021800-W	IRPMW50	2/18/2000	183	<1.4	<1.3	<1.6	<8.1	<1.6	<1.6	<1.4	<2	<1.8	<0	<1.3	<1.9
IRPMW50-051800-W	IRPMW50	5/18/2000	183.2	<1.6	<1.9	<1.7	<5.1	<1.6	<1.7	<1.5	<1.6	<1.4	<50	<1.4 UJ-	<1.4
IRPMW50-081600-W	IRPMW50	8/16/2000	183	<1.6	<1.9	<1.7	<5.1 UJ	<1.6	<1.7	<1.5	<1.6	<1.4	<50 UJ	<1.4	<1.4
IRPMW50-111500-W	IRPMW50	11/15/2000	185	<1.4	<1.3	<1.6	<8.1	<1.6	<1.6	<1.4	<2	<1.8	<49 UJ-	<1.3	<1.9
Analyses				8	8	8	8	8	8	8	8	8	8	8	8
Detections				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
Maximum Concentration				0	0	0	0	0	0	0	0	0	0	0	0
HWAD_-_GW_Action_Level				0.042	12	1800	0.00029	0.1	0.2	0.2			150000	11000	
HWAD_-_GW_Action_Level Hits				0	0	0	0	0	0	0			0	0	

Semivolatile Organic Compounds
USEPA Method 8270B (APCL)

Sample ID	Location ID	Sample Date	Depth	bis(2-Chloroethyl) ether ug/l	bis(2-Chloroisopropyl)-ether ug/l	bis(2-Ethylhexyl)-phthalate ug/l	Butyl benzyl phthalate ug/l	Chrysene ug/l	Di-n-Butyl-phthalate ug/l	Di-n-octyl phthalate ug/l	Dibenz(a,h)anthracene ug/l	Dibenz(a,j)acridine ug/l	Dibenzofuran ug/l	Diethyl phthalate ug/l	Dimethyl phthalate ug/l
IRPMW49-021800-W	IRPMW49	2/18/2000	235.6	<1.3	<1.4	<2.1	13	<1.6	<1.7	<1.9	<1.4	<1.3	<1.7	<1.9	<1.9
IRPMW49-051800-W	IRPMW49	5/18/2000	235.6	<1.8	<1.6	<2.1	8 J	<1.5	<1.6	<2	<1.5	<1.2	<2	<2.2	<2
IRPMW49-081600-W	IRPMW49	8/16/2000	235	<1.8	<1.6	<2.1	4 J	<1.5	<1.6	<2	<1.5	<1.2	<2	<2.2	<2
IRPMW49-111500-W	IRPMW49	11/15/2000	210	<1.3	<1.4	<2.1	6 J	<1.6	<1.7	<1.9	<1.4	<1.3	<1.7	<1.9	<1.9
IRPMW50-021800-W	IRPMW50	2/18/2000	183	<1.3	<1.4	<2.1	5 J	<1.6	<1.7	<1.9	<1.4	<1.3	<1.7	<1.9	<1.9
IRPMW50-051800-W	IRPMW50	5/18/2000	183.2	<1.8	<1.6	<2.1	4 J	<1.5	<1.6	<2	<1.5	<1.2	<2	<2.2	<2
IRPMW50-081600-W	IRPMW50	8/16/2000	183	<1.8	<1.6	<2.1	2 J	<1.5	<1.6	<2	<1.5	<1.2	<2	<2.2	<2
IRPMW50-111500-W	IRPMW50	11/15/2000	185	<1.3	<1.4	<2.1	<2	<1.6	<1.7	<1.9	<1.4	<1.3	<1.7	<1.9	<1.9
Analyses				8	8	8	8	8	8	8	8	8	8	8	8
Detections				0	0	0	7	0	0	0	0	0	0	0	0
Minimum Concentration				0	0	0	2	0	0	0	0	0	0	0	0
Maximum Concentration				0	0	0	13	0	0	0	0	0	0	0	0
HWAD_-_GW_Action_Level				0.0098	0.27	6	100	0.2	3700	730	0.0092		24	29000	370000
HWAD_-_GW_Action_Level Hits				0	0	0	0	0	0	0	0		0	0	0

Semivolatile Organic Compounds
USEPA Method 8270B (APCL)

Sample ID	Location ID	Sample Date	Depth	Diphenylamine ug/l	Ethyl methanesulfonate ug/l	Fluoranthene ug/l	Fluorene ug/l	Hexachlorobenzene ug/l	Hexachlorobutadiene ug/l	Hexachlorocyclopentadiene ug/l	Hexachloroethane ug/l	Indeno(1,2,3-c,d)pyrene ug/l	Isophorone ug/l	Methyl methanesulfonate ug/l	N-Nitroso-di-n-butylamine ug/l
IRPMW49-021800-W	IRPMW49	2/18/2000	235.6	<1.5	<1.5	<1.5	<1.8	<1.6	<1 UJ	<3.8	<1.4	<1.7	<1.7	<0.94	<2.4
IRPMW49-051800-W	IRPMW49	5/18/2000	235.6	<1.8	<1.8	<1.5	<1.9	<1.2	<2.3	<8.5 UJ-	<2.1	<1.7	<1.4	<1.6	<1.6
IRPMW49-081600-W	IRPMW49	8/16/2000	235	<1.8	<1.8	<1.5	<1.9	<1.2	<2.3	<8.5	<2.1	<1.7	<1.4	<1.6	<1.6
IRPMW49-111500-W	IRPMW49	11/15/2000	210	<1.5	<1.5	<1.5	<1.8	<1.6	<1	<3.8	<1.4	<1.7	<1.7	<0.94	<2.4
IRPMW50-021800-W	IRPMW50	2/18/2000	183	<1.5	<1.5	<1.5	<1.8	<1.6	<1 UJ	<3.8	<1.4	<1.7	<1.7	<0.94	<2.4
IRPMW50-051800-W	IRPMW50	5/18/2000	183.2	<1.8	<1.8	<1.5	<1.9	<1.2	<2.3	<8.5 UJ-	<2.1	<1.7	<1.4	<1.6	<1.6
IRPMW50-081600-W	IRPMW50	8/16/2000	183	<1.8	<1.8	<1.5	<1.9	<1.2	<2.3	<8.5	<2.1	<1.7	<1.4	<1.6	<1.6
IRPMW50-111500-W	IRPMW50	11/15/2000	185	<1.5	<1.5	<1.5	<1.8	<1.6	<1	<3.8	<1.4	<1.7	<1.7	<0.94	<2.4
Analyses				8	8	8	8	8	8	8	8	8	8	8	8
Detections				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
Maximum Concentration				0	0	0	0	0	0	0	0	0	0	0	0
HWAD_-_GW_Action_Level				910		1500	240	1	0.86	50	4.8	0.092	71		0.002
HWAD_-_GW_Action_Level Hits				0		0	0	0	0	0	0	0	0		0

Semivolatile Organic Compounds
USEPA Method 8270B (APCL)

Sample ID	Location ID	Sample Date	Depth	N-Nitroso-di-n-propylamine ug/l	N-Nitrosodimethylamine ug/l	N-Nitrosodiphenylamine ug/l	N-Nitrosopiperidine ug/l	Naphthalene ug/l	Nitrobenzene ug/l	p-Dimethylaminoazobenzene ug/l	Pentachlorobenzene ug/l	Pentachloronitrobenzene ug/l	Pentachlorophenol ug/l	Phenacetin ug/l	Phenanthrene ug/l
IRPMW49-021800-W	IRPMW49	2/18/2000	235.6	<1.8	<0.8	<7.7	<1.6	<1.3	<1.4	<1.5	<1.5	<1.2	<7.2 UJ	<1.6	<1.4
IRPMW49-051800-W	IRPMW49	5/18/2000	235.6	<1.4	<1.3	<8.9	<1.3	<1.8	<1.6	<1.4	<2.2	<1.5	<2.9	<2	<1.9
IRPMW49-081600-W	IRPMW49	8/16/2000	235	<1.4	<1.3	<8.9	<1.3	<1.8	<1.6	<1.4	<2.2	<1.5	<2.9	<2	<1.9
IRPMW49-111500-W	IRPMW49	11/15/2000	210	<1.8	<0.8	<7.7	<1.6	<1.3	<1.4 UJ-	<1.5	<1.5	<1.2	<7.2	<1.6	<1.4
IRPMW50-021800-W	IRPMW50	2/18/2000	183	<1.8	<0.8	<7.7	<1.6	<1.3	<1.4	<1.5	<1.5	<1.2	<7.2 UJ	<1.6	<1.4
IRPMW50-051800-W	IRPMW50	5/18/2000	183.2	<1.4	<1.3	<8.9	<1.3	<1.8	<1.6	<1.4	<2.2	<1.5	<2.9	<2	<1.9
IRPMW50-081600-W	IRPMW50	8/16/2000	183	<1.4	<1.3	<8.9	<1.3	<1.8	<1.6	<1.4	<2.2	<1.5	<2.9	<2	<1.9
IRPMW50-111500-W	IRPMW50	11/15/2000	185	<1.8	<0.8	<7.7	<1.6	<1.3	<1.4	<1.5	<1.5	<1.2	<7.2	<1.6	<1.4
Analyses				8	8	8	8	8	8	8	8	8	8	8	8
Detections				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
Maximum Concentration				0	0	0	0	0	0	0	0	0	0	0	0
HWAD_-_GW_Action_Level				0.0096	0.0013	14		6.2	3.4		29	0.26	1		
HWAD_-_GW_Action_Level Hits				0	0	0		0	0		0	0	0		

Semivolatile Organic Compounds
USEPA Method 8270B (APCL)

Sample ID	Location ID	Sample Date	Depth	Phenol ug/l	Pronamide ug/l	Pyrene ug/l
IRPMW49-021800-W	IRPMW49	2/18/2000	235.6	<0.69	<1.5	<1.6
IRPMW49-051800-W	IRPMW49	5/18/2000	235.6	<0.85	<1.5	<1.7
IRPMW49-081600-W	IRPMW49	8/16/2000	235	<0.85	<1.5	<1.7
IRPMW49-111500-W	IRPMW49	11/15/2000	210	<0.69	<1.5	<1.6
IRPMW50-021800-W	IRPMW50	2/18/2000	183	<0.69	<1.5	<1.6
IRPMW50-051800-W	IRPMW50	5/18/2000	183.2	<0.85	<1.5	<1.7
IRPMW50-081600-W	IRPMW50	8/16/2000	183	<0.85	<1.5	<1.7
IRPMW50-111500-W	IRPMW50	11/15/2000	185	<0.69	<1.5	<1.6
Analyses				8	8	8
Detections				0	0	0
Minimum Concentration				0	0	0
Maximum Concentration				0	0	0
HWAD_-_GW_Action_Level				22000	2700	180
HWAD_-_GW_Action_Level Hits				0	0	0

Explosives
USEPA Methods 8330 and 8330M (APCL)

Sample ID	Location ID	Sample Date	Depth	1,3,5-Trinitrobenzene ug/l	1,3-Dinitrobenzene ug/l	2,4,6-Trinitrotoluene ug/l	2,4-Dinitrotoluene ug/l	2,6-Dinitrotoluene ug/l	2-Nitrotoluene ug/l	3-Nitrotoluene ug/l	4-Nitrotoluene ug/l	HMX ug/l
IRPMW49-021800-W	IRPMW49	2/18/2000	235.6	<0.035	<0.088	<0.097	<0.058	<0.057	<0.53	<0.043	<0.53	<0.05
IRPMW49-051800-W	IRPMW49	5/18/2000	235.6	<0.035	<0.088	<0.097	<0.058	<0.057	<0.53	<0.043	<0.53	<0.05
IRPMW49-081600-W	IRPMW49	8/16/2000	235	<0.035	<0.088	<0.097	<0.058	<0.057	<0.53	<0.043	<0.53	<0.05
IRPMW49-111500-W	IRPMW49	11/15/2000	210	<0.035	<0.088	<0.097	<0.058	<0.057	<0.53	<0.043	<0.53	<0.05
IRPMW50-021800-W	IRPMW50	2/18/2000	183	<0.035	<0.088	<0.097	<0.058	<0.057	<0.53	<0.043	<0.53	<0.05
IRPMW50-051800-W	IRPMW50	5/18/2000	183.2	<0.035	<0.088	<0.097	<0.058	<0.057	<0.53	<0.043	<0.53	<0.05
IRPMW50-081600-W	IRPMW50	8/16/2000	183	<0.035	<0.088	<0.097	<0.058	<0.057	<0.53	<0.043	<0.53	<0.05
IRPMW50-111500-W	IRPMW50	11/15/2000	185	<0.035	<0.088	<0.097	<0.058	<0.057	<0.53	<0.043	<0.53	<0.05
Analyses				8	8	8	8	8	8	8	8	8
Detections				0	0	0	0	0	0	0	0	0
Minimum Concentration				0	0	0	0	0	0	0	0	0
Maximum Concentration				0	0	0	0	0	0	0	0	0
HWAD_-_GW_Action_Level				1100	3.7	2.2	73	37		370	370	1800
HWAD_-_GW_Action_Level Hits				0	0	0	0	0		0	0	0

Explosives
USEPA Methods 8330 and 8330M (APCL)

Sample ID	Location ID	Sample Date	Depth	Nitrobenzene ug/l	Picric Acid ug/l	RDX ug/l	Tetryl ug/l	2-Amino-4,6-dinitrotoluene ug/l	4-Amino-2,6-dinitrotoluene ug/l
IRPMW49-021800-W	IRPMW49	2/18/2000	235.6	<0.09	<0.34	2 J	<0.034	<0.033	<0.026
IRPMW49-051800-W	IRPMW49	5/18/2000	235.6	<0.09	<0.34	<0.13	<0.034	<0.033	<0.026
IRPMW49-081600-W	IRPMW49	8/16/2000	235	<0.09	<0.34	<0.13	<0.034	<0.033	<0.026
IRPMW49-111500-W	IRPMW49	11/15/2000	210	<0.09	<0.34	<0.13	<0.034	<0.033	<0.026
IRPMW50-021800-W	IRPMW50	2/18/2000	183	<0.09	<0.34	<0.13	<0.034	<0.033	<0.026
IRPMW50-051800-W	IRPMW50	5/18/2000	183.2	<0.09	<0.34	<0.13	<0.034	<0.033	<0.026
IRPMW50-081600-W	IRPMW50	8/16/2000	183	<0.09	<0.34	<0.13	<0.034	<0.033	<0.026
IRPMW50-111500-W	IRPMW50	11/15/2000	185	<0.09	<0.34	<0.13	<0.034	<0.033	<0.026
Analyses				8	8	8	8	8	8
Detections				0	0	1	0	0	0
Minimum Concentration				0	0	2	0	0	0
Maximum Concentration				0	0	2	0	0	0
HWAD_-_GW_Action_Level				3.4	1	0.61	365	0.099	0.099
HWAD_-_GW_Action_Level Hits				0	0	1	0	0	0