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DEPARTMENT OF THE NAVY
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FINAL
SEPTEMBER - DECEMBER 1999 FIRST QUARTERLY GROUNDWATER SAMPLING REPORT FOR PARCEL B HUNTERS POINT SHIPYARD SAN FRANCISCO, CALIFORNIA

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ABBREVIATIONS AND ACRONYMS

BCT	Base Realignment and Closure (BRAC) Cleanup Team
CAP	Corrective action plan
CLEAN	Comprehensive Long-Term Environmental Action Navy
CLP	Contract Laboratory Program
COPC	Chemical of potential concern
CTO	Contract task order
DI	Deionized
EPA	U.S. Environmental Protection Agency
HGAL	Hunters Point Shipyard groundwater ambient level
HPS	Hunters Point Shipyard
IR	Installation Restoration
LUFT	Leaking underground fuel tank
MS/MSD	Matrix spike/matrix spike duplicate
μg/L	Microgram per liter
Navy	U.S. Department of the Navy
NAWQC	National Ambient Water Quality Criteria
PAH	Polynuclear aromatic hydrocarbons
PCB	Polychlorinated biphenyl
POC	Point-of-compliance
PRC	PRC Environmental Management, Inc.
QAPP	Quality assurance project plan
QA/QC	Quality assurance and quality control
RAMP	Remedial action monitoring plan
RI	Remedial investigation
RPD	Relative percent difference
SOP	Standard operating procedure
SWDIV	Southwest Division
SVOC	Semivolatile organic compound
TCE	Trichloroethene
TIZ	Tidally influenced zone
TPH	Total petroleum hydrocarbons
TtEMI	Tetra Tech EM Inc.
VOC	Volatile organic compound

1.0 INTRODUCTION

Tetra Tech EM Inc. (TtEMI) has prepared this quarterly groundwater sampling report for the first quarter of groundwater monitoring at Parcel B, Hunters Point Shipyard (HPS) in San Francisco, California, for the U.S. Department of the Navy, Naval Facilities Engineering Command, Southwest Division (SWDIV). The first quarter of groundwater monitoring covers the period from September through December 1999. Under the Comprehensive Long-Term Environmental Action Navy Contract No. N62474-94-D-7609 (CLEAN II), Contract Task Order (CTO) No. 0270, four consecutive quarters of groundwater monitoring will be conducted in accordance with the Parcel B remedial action monitoring plan (RAMP) (TtEMI 1999a). The first-quarter sampling was conducted in September 1999. Figure 1 provides a facility location map.

During the remedial investigation (RI) of Parcel B (PRC Environmental Management, Inc. [PRC] 1996a), groundwater monitoring wells installed at Parcel B for the RI were sampled for possible chemical contaminants. Of these wells, 13 were sampled as part of this first-quarter monitoring event. In addition, 11 new wells were installed and sampled in accordance with the Parcel B RAMP. Four of the new wells replace previously installed wells IR07MWS-2, IR07MWS-4, IR10MW31A1, and IR18MW21A; they retained the same well names, as documented in the Parcel B RAMP (TtEMI 1999a). The first-quarter sampling event was conducted from September 1 to September 9, 1999. Figure 2 presents the location of the 24 groundwater monitoring wells sampled in this event and Installation Restoration (IR) site locations at Parcel B.

This report is organized into three sections. Following this introduction, Section 2 provides an overview of the sampling procedures and methods used during the first quarterly sampling event. Section 3 discusses the results from this sampling event as well as data quality. Appendix A summarizes the results from the first quarterly sampling event and compares the concentrations with trigger levels. Appendices B and C present monitoring well sampling sheets and chain-of-custody records for the sampling event, respectively. References used to prepare this report are listed at the end of the report.

The groundwater monitoring program for Parcel B has the following purposes:

- Ensure "trigger-level" concentrations are not exceeded along the inland edge of the tidally influenced zone. Trigger levels are concentrations at which additional actions will be necessary.

- Assess the effect of remedial actions involving contaminated soil on contaminant levels in A-aquifer groundwater at IR-07
- Evaluate the bayward migration of hazardous substances in A-aquifer groundwater from IR-06 and IR-10
- Evaluate the on- and off-site migration of hazardous substances in A-aquifer groundwater from the area northwest of IR-07 and IR-18

Six types of groundwater monitoring wells completed in the A-aquifer are sampled in accordance with the Parcel B RAMP, as shown on Figure 2. The well types and naming conventions used are as follows:

- **Point-of-Compliance (POC) Monitoring Wells:** Eight wells located near the inland edge of the tidally influenced zone (TIZ), which is the POC
- **Sentinel Wells:** Seven wells located near the inland edge of the approximate 5-year buffer zone indicated on Figure 2
- **Post-Remedial-Action Monitoring Wells:** Five wells located within the TIZ to monitor the effectiveness of source control at IR sites
- **Volatile Organic Compound (VOC) Monitoring Well:** One well located near IR-10 to monitor the potential degradation of trichloroethene (TCE) to vinyl chloride
- **On- and Off-Site Migration Monitoring Wells:** Two wells along the western Parcel B boundary to evaluate on- and off-site migration of contaminants in A-aquifer groundwater
- **Utility Line Monitoring Well:** One well located near IR-06 to monitor the utility line

2.0 GROUNDWATER SAMPLING PROCEDURES AND METHODS

Groundwater monitoring procedures for the first-quarter groundwater sampling event include water level measurements and groundwater sampling, as summarized below.

2.1 GROUNDWATER LEVEL MEASUREMENTS

Groundwater level measurements were collected on Tuesday, August 31, 1999, in accordance with the final RAMP (TtEMI 1999a), the basewide quality assurance project plan (QAPP) (PRC 1996b), and the TtEMI standard operating procedure (SOP) for groundwater sampling (SOP No. 10, Revision 3), which is included in the Parcel B RAMP (TtEMI 1999a). Depth to water in each RAMP well was measured with an electronic water-level indicator, and the total well depth was measured using a weighted steel

tape. Groundwater level measurements were collected during a single day and over a 2-hour period in order to minimize tidal influence upon measurements.

2.2 GROUNDWATER SAMPLING PROCEDURES

Groundwater samples were collected from Wednesday, September 1, to Thursday, September 9, 1999, in accordance with the final RAMP (TtEMI 1999a), the basewide QAPP (PRC 1996b), and the TtEMI SOP for groundwater sampling (SOP No. 10, Revision 3).

Before sampling, the wells were purged to remove standing water from each well, ensuring that the groundwater samples collected were representative of aquifer conditions. Wells with a small purge volume or with a slow recovery were purged and sampled using disposable polyethylene bailers.

The groundwater temperature, pH, turbidity, specific conductance, dissolved oxygen, and salinity were measured before purging and then at regular intervals at a rate of two or more times per well casing volume removed. Parameters were recorded on monitoring well sampling sheets, which are included in Appendix B. A total of three well casing volumes was removed unless (1) the well went dry before this volume was purged or (2) the water parameters monitored during purging did not stabilize to within stability criteria (Table 2 of SOP No.10 [TtEMI 1999a]). The depth to water was measured again after purging was complete, except at monitoring wells sampled using low-flow (minimal drawdown) groundwater sampling procedures.

When a well was purged dry before three well casing volumes were removed, VOC samples were collected after a sufficient volume of groundwater had entered the well to enable sample collection (SOP No. 10, Revision 3 [TtEMI 1999a]). Remaining samples were collected as soon as the well had recovered. Samples were collected in order of decreasing sensitivity to volatilization or sensitivity to oxidation/reduction reactions. The order of preferred sample collection is summarized in Table 3 of the SOP (TtEMI 1999a).

Groundwater samples analyzed for soluble metals were filtered in the field by collecting water in a laboratory-cleaned, unpreserved plastic bottle and filtering this water into a laboratory-cleaned, nitric-acid-preserved, 1-liter bottle. Groundwater samples analyzed for total metals were not filtered and were collected in a laboratory-cleaned, nitric-acid-preserved, 1-liter bottle.

Water-level sounders used during water sampling activities were decontaminated before each use by washing the probe and the portion of the cable directly above the probe with deionized (DI) water and

wiping it clean with a disposable paper towel. Submersible pumps, which were used during low-flow sampling, were decontaminated before each use by washing each pump exterior with DI water and Liquinox soap solution and then pumping a solution of DI water and Liquinox soap through the pump. The pump was then flushed with DI water. New polyethylene tubing for the submersible pump was used at each well; therefore, decontamination of the tubing was not necessary.

Purged water was placed in U.S. Department of Transportation (DOT)-approved 55-gallon drums and transferred to holding tanks located at the investigation-derived waste area. Currently, the purge water from the first-quarter sampling is stored in a Baker tank located by Pump Station A on HPS. If purge water meets the criteria set by the City of San Francisco, it will be discharged into Pump Station A, which discharges to the Southeast Water Pollution Control Plant (Appendix C [TtEMI 1999a]). If purge water does not meet batch wastewater discharge requirements, the water will be treated and discharged once it has been determined to be satisfactory. Water treatment could take many forms depending upon the cause for failing discharge requirements and will be determined on a case-by-case basis. Historically at HPS, purge water from groundwater sampling events has met City discharge requirements.

2.3 LABORATORY ANALYSES

The groundwater samples were analyzed by Severn Trent Laboratories, Inc., of Colchester, Vermont, and Curtis & Tompkins, Ltd., of Berkeley, California, which are certified by the State of California and the Naval Facilities Engineering Service Center. The complete chain-of-custody record forms that accompanied the samples collected during the first-quarter sampling event are presented in Appendix C. Groundwater samples were analyzed using the following analytical methods, which are discussed in detail in the basewide QAPP (PRC 1996b):

- **U.S. Environmental Protection Agency (EPA) Contract Laboratory Program (CLP) VOCs** (EPA OLM03.1): POC wells, sentinel wells, post-remedial-action wells, VOC well, on- and off-site migration wells, and utility line monitoring well

- **CLP Metals and Hexavalent Chromium** (EPA ILM04.0/EPA 7196): POC wells, sentinel wells, post-remedial-action wells, on- and off-site migration wells, and utility line monitoring well

- **TPH as Diesel** (California leaking underground fuel tank [CA LUFT] and EPA 8015): POC wells, sentinel wells, post-remedial-action wells, on- and off-site migration wells, and utility line monitoring well

- **TPH as Gasoline** (CA LUFT and EPA 8015): POC wells, sentinel wells, post-remedial-action wells, on- and off-site migration wells, and utility line monitoring well
- **CLP Semivolatile Organic Compounds (SVOC)** (EPA OLM03.1): On- and off-site migration wells and utility line monitoring well
- **CLP Pesticides and Polychlorinated Biphenyls (PCB)** (EPA OLM03.1 modified): On- and off-site migration wells and utility line monitoring well

In addition, groundwater samples collected from wells IR10MW33A, IR10MW31A1, and IR10MW28A were analyzed using the CLP low-level VOC method (OLM02.0) in order to obtain low reporting limits for the potential TCE degradation product vinyl chloride.

3.0 FIRST-QUARTER GROUNDWATER SAMPLING RESULTS

The following sections discuss analytical results, data quality, and deviations from the QAPP or Parcel B RAMP for samples collected from the 24 wells sampled during the first-quarter sampling event.

3.1 GROUNDWATER LEVELS

Groundwater level data is collected during every quarterly sampling event. Groundwater level measurement procedures are discussed in Section 2.1 of this report. Water level measurements are summarized in Table 4, and water table potentiometric contours are provided on Figure 3.

Groundwater generally flows in a northeasterly direction toward San Francisco Bay (see Figure 3). Data from on- and off-site migration wells suggest groundwater flows from off site to on site (northwest to southeast). There is an apparent groundwater mound near monitoring well IR06MW45A. Groundwater tends to flow radially away from the center of this area. In IR-25, on the southern side of IR06MW45A, groundwater appears to be flowing in a southern and southeastern direction. On the eastern side, groundwater appears to flow toward the southeast. On the northern side, groundwater flows toward the bay.

3.2 ANALYTICAL RESULTS

This section summarizes analytical results for the first-quarter sampling event. Analytical results for the first-quarter sampling event are presented in Appendix A of this report.

The trigger levels used for the various well types are summarized in Table 2, and the specific trigger levels by chemical for each well type are presented in Table 3.

Results of the first quarterly sampling event for each type of monitoring well are discussed further below. Figure 4 presents analytical results for groundwater monitoring wells where samples with concentrations that exceeded trigger levels were collected.

3.2.1 Point-of-Compliance Monitoring Wells

A total of eight POC monitoring wells were sampled during the first-quarter event. These wells are located near the inland edge of the TIZ.

Samples collected from the following wells exceeded the screening criteria for metals:

- Well IR26MW41A for manganese (13,900 micrograms per liter [μg/L]), nickel (105 μg/L), and thallium (59.7 μg/L)
- Well IR07MWS-4 for chromium (soluble) (23.6 μg/L) and chromium (total) (24.5 μg/L)

In both cases where chromium exceeded the trigger level, the detected results were estimated because of potential high bias due to interference from high sample concentrations of calcium and magnesium. The trigger levels for chromium, manganese, nickel, and thallium, which are based on the HPS groundwater ambient level (HGAL), are 15.7 μg/L, 8,140 μg/L, 96.5 μg/L, and 13 μg/L, respectively. All metals concentrations that exceeded trigger levels, with the exception of thallium, are consistent with variations in ambient conditions of HPS.

Monitoring well IR26MW41A was resampled on December 17, 1999. The resampling event was considered part of the second quarter sampling event, which took place in January 2000. Manganese, nickel, and thallium concentrations from the resampling event at IR26MW41A were below trigger levels. In addition, manganese, nickel, and thallium concentrations were at or below concentrations detected during the RI, in 1994 and 1995. First-quarter, resampling event, and RI results for these metals are presented below.

IR26MW41A HISTORICAL SAMPLING RESULTS

Constituent	Trigger Levels (µg/L)	Remedial Investigation Results (µg/L)			First-Quarter Sampling Event Results (µg/L)	Resampling Event Results (µg/L)
		11/16/94	6/5/95	9/7/95		
Manganese	8,140	1,890	1,310	1,750	13,900	1,730
Nickel	96.5	80.4	80.5	114	105	36.5
Thallium	13	3.7	2.3	6.2	59.7	5.5

Monitoring well IR07MWS-4 was sampled as part of the second-quarter sampling event in January 2000. During this sampling event, chromium exceeded its trigger level at IR07MWS-4. The concentration has decreased since the first-quarter event and is approaching its HGAL; however, the resampling concentration remains higher than concentrations detected during the RI, in 1991 and 1992. Quarterly and historical results for chromium at IR07MWS-4 are presented below.

IR07MWS-4 HISTORICAL SAMPLING RESULTS

Constituent	Trigger Levels (µg/L)	Remedial Investigation Results (µg/L)			First-Quarter Sampling Event Results (µg/L)	Second-Quarter Sampling Event Results (µg/L)
		7/25/91	12/2/91	6/1/92		
Chromium	15.7	2.9	3 ND	2.5 ND	23.6 (soluble) 24.5 (total)	16.4

3.2.2 On- and Off-Site Migration Monitoring Wells

A total of two on- and off-site migration monitoring wells were sampled during the first-quarter event. These wells are located along the western Parcel B boundary.

Aroclor-1221 was reported as nondetect at a quantitation limit of 0.2 µg/L in the sample collected from well IR07MW28A. The quantitation limit of 0.1 µg/L for Aroclor-1016, Aroclor-1232, Aroclor-1242, Aroclor-1248, Aroclor-1254, and Aroclor-1260 met the trigger level for PCBs; however, the quantitation limit for Aroclor-1221 could only be lowered to 0.2 µg/L due to limitations of the analytical method (EPA OLM03.1 modified). The quantitation limit only slightly exceeds the trigger level for Aroclor-1221 (0.19 µg/L). A concentration of 0.19 µg/L could have been detected in the sample because the laboratory reports results less than the quantitation limit but greater than the method

detection limit, if detected in the sample; therefore, Aroclor-1221 is not considered to exceed its trigger level.

3.2.3 Post-Remedial-Action Monitoring Wells

A total of five post-remedial-action monitoring wells were sampled during the first quarterly event. The wells are located in (1) the area just northeast of remediation area 7-1 (wells IR07MW21A, IR07MW24A, and IR07MW25A), and (2) the area in the vicinity of where nickel was detected above the HGAL, which is northeast of remediation areas 7-3 and 7-5 (wells IR07MW20A1 and IR07MW26A). The purpose of collecting data for the five wells is to evaluate the effectiveness of source control. Groundwater trigger levels were not exceeded during this sampling event.

3.2.4 Sentinel Wells

A total of seven sentinel wells were sampled during the first-quarter event. These wells are located near the inland edge of the approximate 5-year buffer zone indicated on Figure 2. No trigger levels were exceeded during the event.

3.2.5 VOC Monitoring Well

One VOC monitoring well was sampled during the first-quarter event. The monitoring well, IR10MW33A, is located near IR-10 to monitor potential degradation of TCE to byproducts, including vinyl chloride. Trichloroethene and cis-1,2-dichloroethene were detected at concentrations of 19 μg/L and 10 μg/L, respectively. Vinyl chloride and trans-1,2-dichloroethene were not detected at the quantitation limits (0.5 μg/L and 10 μg/L, respectively). In addition, trichloroethene, cis-1,2-dichloroethene, trans-1,2-dichloroethene, and vinyl chloride were not detected during the first-quarter groundwater sampling event at monitoring wells IR10MW31A1 and PA50MW01A, which are downgradient from IR10MW33A. The sample from monitoring well IR10MW28A, which is upgradient from IR10MW33A, contained a trichloroethene concentration of 54 μg/L but did not contain concentrations of cis-1,2-dichloroethene, trans-1,2-dichloroethene, and vinyl chloride at the quantitation limits (3 μg/L, 3 μg/L, and 2 μg/L, respectively).

3.2.6 Utility Line Monitoring Well

One utility line monitoring well was sampled during the first quarter event. The well is located near IR-06 to monitor the utility line. Groundwater trigger levels were not exceeded during this sampling event.

3.3 DATA QUALITY

Standard quality assurance and quality control (QA/QC) techniques in the field and in the laboratory ensured the quality of the data collected during this sampling event. Field QA/QC consisted of collecting field duplicate pairs, equipment rinsate blanks, trip blanks, and matrix spike/matrix spike duplicates (MS/MSD) in accordance with the QAPP (PRC 1996b) referenced in the Parcel B RAMP (TtEMI 1999a). Two field duplicate samples were collected for the 24 wells sampled, for a frequency of 10 percent, as specified in the QAPP. Field duplicate results for monitoring wells IR26MW45A and IR61MW05A are reported in Appendix A. Two equipment rinsate blanks were collected per crew for the 5-day sampling event, also as specified in the QAPP. Trip blanks containing analyte-free water were prepared by the laboratory and included in each of seven coolers containing samples for CLP VOC analysis. MS/MSD samples were collected at a frequency of one for each of the three sample delivery groups, as specified in the QAPP.

The data were validated by ETHIX of Modesto, California, in accordance with procedures presented in the following documents:

- "USEPA CLP National Functional Guidelines for Organic Data Review" (February 1994)
- "USEPA CLP National Functional Guidelines for Inorganic Data Review" (February 1994)
- TtEMI "Data Validation Guidelines for CLP Organic Analyses"
- TtEMI "Data Validation Guidelines for CLP Inorganic Analyses"
- TtEMI "Data Validation Guidelines for non-CLP Inorganic and Physical Analyses" (March 1998)
- "TtEMI CLEAN II Analytical Services Statement of Work" (May 1999)

A quality control summary report, which will be presented in the annual report, will discuss all applicable quality control criteria, including comparison of field duplicate results. In addition to its

data validation services, ETHIX evaluated all applicable quality control criteria during the data validation process.

3.4 DEVIATIONS FROM THE QUALITY ASSURANCE PROJECT PLAN OR PARCEL B REMEDIAL ACTION MONITORING PLAN

The following deviations from the Parcel B RAMP (TtEMI 1999) or the basewide QAPP (PRC 1996b) were noted:

- Because of an oversight by the shipping company, nine samples arrived at the analytical laboratory in coolers exceeding the required temperature of 4 °C ± 2 °C. All portions of the sample delivery group from the nine wells exceeded 4 °C ± 2 °C. All results for VOCs in these samples were estimated for this reason.
- The CLP pesticides/PCB analytical method was modified in order to meet the National Ambient Water Quality Criteria for the protection of saltwater aquatic life (NAWQC) screening criterion of 0.1 μg/L for PCBs.

3.5 CONCLUSIONS

Metals concentrations exceeded trigger levels in samples from two monitoring wells. Chromium concentrations exceeded trigger levels at monitoring well IR07MWS-04, and manganese, nickel, and thallium concentrations exceeded trigger levels at monitoring well IR26MW41A.

In accordance with the RAMP, a letter was sent via e-mail to the Base Realignment and Closure (BRAC) Cleanup Team (BCT) on December 13, 1999, notifying BCT members of the trigger level exceedances at these wells.

Chromium concentrations at monitoring well IR07MWS-4 exceeded the trigger level, which is based on the HGAL. Because chromium concentrations at monitoring well IR07MWS-4 were estimated due to matrix interferences, and the detected concentrations are well below concentration levels that would present any risk to human health or the environment, resampling of monitoring well IR07MWS-4 was deferred until the second-quarter sampling event. The second-quarter result was slightly above its trigger level, but was within expected variations in ambient conditions for HPS groundwater.

Although manganese and nickel concentrations during the first quarterly sampling event exceeded trigger levels at monitoring well IR26MW41A, these concentrations are within expected variations in ambient conditions for HPS groundwater. Monitoring well IR26MW41A was resampled on December

17, 1999. Resampling results indicated that manganese, nickel, and thallium concentrations are all below trigger levels. The Navy will monitor future quarterly sampling results from monitoring well IR26MW41A for changes in concentrations of these metals.

In accordance with the RAMP, if the resampled results confirm that the trigger levels have been exceeded, the Navy will implement a response plan after discussing the issue with the BCT. The response plan may take several forms, depending on the amount by which the trigger level is exceeded and the trend of analytical results over time, the specific contaminant involved, the perceived risk, and the nature of the populations or receptors potentially at risk (for example, human, ecological, or environmental).

The Navy will discuss chromium concentrations at IR07MWS-4 with the BCT since chromium concentrations exceeded the trigger level during both quarterly sampling events. However, the Navy currently believes there is insufficient data to conclude that chromium concentrations are indicative of a continuing problem at HPS. Additional sampling rounds are necessary to assess trends in the concentrations of chromium in groundwater at HPS.

Trigger levels are intended as screening tools to indicate that additional investigation may be necessary and are not intended as a concentration level that would suggest remedial action is required.

REFERENCES

PRC Environmental Management, Inc. (PRC). 1996a. "Parcel B Remedial Investigation, Draft Final Report, Hunters Point Shipyard (HPS), San Francisco, California." June 3.

PRC. 1996b. "Basewide Quality Assurance Project Plan, HPS, San Francisco, California." Draft Final. May 24.

Tetra Tech EM Inc. (TtEMI). 1999a. "Final Remedial Action Monitoring Plan, Parcel B Remedial Action, HPS, San Francisco, California." July 2.

TtEMI. 1999b. "Draft Final Technical Memorandum, Nickel Screening and Implementation Plan, Hunters Point Shipyard, San Francisco, California." August 4.

TABLES

TABLE 1

SUMMARY OF WELLS SAMPLED AND ANALYSES PERFORMED

Monitoring Well Type	Well Identification Number	CLP VOC (OLM03.1)	CLP Metals (ILM04.0)	Hexavalent Chromium (EPA 7196A)	TPH-d (CA LUFT and EPA 8015)	TPH-g (CA LUFT and EPA 8015)	CLP SVOC (OLM03.1)	CLP Pesticides and PCBs (OLM03.1 modified)	CLP Low-Level VOA (OLM02.0)
Point-of-Compliance	IR26MW41A	X	X	X	X	X			
	IR46MW37A	X	X	X	X	X			
	IR10MW31A1	X	X	X	X	X			X
	IR26MW45A	X	X	X	X	X			
	IR07MW19A	X	X	X	X	X			
	PA50MW01A	X	X	X	X	X			X
	IR07MWS-2	X	X	X	X	X			
	IR07MWS-4	X	X	X	X	X			
Sentinel	IR07MW23A	X	X	X	X	X			
	UT03MW11A	X	X	X	X	X			
	IR61MW05A	X	X	X	X	X			
	IR10MW28A	X	X	X	X	X			X
	IR25MW17A	X	X	X	X	X			
	IR06MW45A	X	X	X	X	X			
	IR07MW27A	X	X	X	X	X			
Post-Remedial-Action	IR07MW21A1	X	X	X	X	X			
	IR07MW20A1	X	X	X	X	X			

TABLE 1 (Continued)

SUMMARY OF WELLS SAMPLED AND ANALYSES PERFORMED

Monitoring Well Type	Well Identification Number	CLP VOC (OLM03.1)	CLP Metals (ILM04.0)	Hexavalent Chromium (EPA 7196A)	TPH-d (CA LUFT and EPA 8015)	TPH-g (CA LUFT and EPA 8015)	CLP SVOC (OLM03.1)	CLP Pesticides and PCBs (OLM03.1 modified)	CLP Low-Level VOA (OLM02.0)
Post-Remedial Action (cont.)	IR07MW24A	X	X	X	X	X			
	IR07MW25A	X	X	X	X	X			
	IR07MW26A	X	X	X	X	X			
VOC	IR10MW33A	X							X
On/Off-Site Migration	IR18MW21A	X	X	X	X	X	X	X	
	IR07MW28A	X	X	X	X	X	X	X	
Utility Lines	IR06MW42A	X	X	X	X	X	X	X	

Notes: Analytical test methods indicated in parantheses

CLP Contract Laboratory Program
CA LUFT California leaking underground fuel tank
EPA U.S. Environmental Protection Agency
PCB Polychlorinated biphenyl
SVOC Semivolatile organic compound
TPH-d Total petroleum hydrocarbons as diesel
TPH-g Total petroleum hydrocarbons as gasoline
VOC Volatile organic compound

TABLE 2

SUMMARY OF TRIGGER LEVELS FOR PARCEL B GROUNDWATER SAMPLING RESULTS

Monitoring Well Type	Trigger Levels
POC Monitoring Wells	NAWQC or HGALs, whichever is higher; TPH trigger levels to be determined during CAP preparation
Sentinel Wells	10 times the associated trigger level for the POC monitoring wells
Post-Remedial-Action Monitoring Wells	Same as the POC monitoring wells
VOC Monitoring Well	No trigger levels; increase in vinyl chloride to be measured
On- and Off-Site Migration Monitoring Wells	Same as POC monitoring wells for well IR07MW28A; same as sentinel wells for well IR18MW21A
Utility Line Monitoring Well	Southeast Water Pollution Control Plant discharge requirements

Notes:

CAP Corrective action plan
HGAL Hunters Point Shipyard groundwater ambient level
NAWQC National Ambient Water Quality Criteria
POC Point-of-compliance
TPH Total petroleum hydrocarbons
VOC Volatile organic compound

TABLE 3

COMPARISON OF TRIGGER LEVEL CRITERIA

Constituent	POC, PRA, & On-/Off-Site Migration Well Trigger Level (μg/L)	Sentinel & On-/Off-Site Migration Well Trigger Level (μg/L)	Southeast WPCP Discharge Requirements (μg/L)
	POC Wells and Post Remedial Action Monitoring Wells and On- and Off-Site Migration Well IR07MW28A	Sentinel Wells and On- and Off-Site Migration Well IR18MW21A	Utility Lines Well
TPH-g and TPH-d	NA	NA	NA
PAH	300	3,000	NA
PCBs[a]	0.19	1.9	5,000[b]
1,2-Dichloroethene	22,400	224,000	NA
Trichloroethene	200	2,000	NA
Vinyl Chloride	55	550	200
Antimony	500	5,000	15,000[b]
Arsenic	36	360	4,000
Barium	504	5,040	100,000[b]
Beryllium	1.40	14	750[b]
Cadmium	9.3	93	500
Chromium	15.7	157	5,000
Chromium (VI)	NA	NA	5,000[b]
Cobalt	20.8	208	80,000[b]
Copper	28	280	4,000
Lead	14.4	144	1,500
Manganese	8,140	81,400	NA
Mercury	0.60	6	50

TABLE 3 (Continued)

COMPARISON OF TRIGGER LEVEL CRITERIA

Constituent	POC, PRA, & On-/Off-Site Migration Well Trigger Level (μg/L)	Sentinel & On-/Off-Site Migration Well Trigger Level (μg/L)	Southeast WPCP Discharge Requirements (μg/L)
	POC Wells and Post Remedial Action Monitoring Wells and On- and Off-Site Migration Well IR07MW28A	Sentinel Wells and On- and Off-Site Migration Well IR18MW21A	Utility Lines Well
Nickel	96.5	965	2,000
Silver	7.43	74.3	600
Thallium	13.0	130	7,000[b]
Zinc	81	810	7,000

Notes:

a PCBs applied to trigger level: Aroclor-1016, Aroclor-1221, Aroclor-1232, Aroclor-1242, Aroclor-1248, Aroclor-1254, and Aroclor-1260.

b Soluble Threshold Limit Concentration. California Code of Regulations, Title 22, Section 66261.24(a)(2)(A) (TtEMI 1999a)

DNAPL Dense nonaqueous-phase liquid
HGAL Hunters Point Shipyard groundwater ambient levels for metals in A-aquifer groundwater
NA Not applicable
NAWQC National Ambient Water Quality Criteria
PCB Polychlorinated biphenyl
POC Point-of-compliance
PRA Post-remedial-action
SVOC Semivolatile organic compound
TPH-d Total petroleum hydrocarbons as diesel
TPH-g Total petroleum hydrocarbons as gasoline
μg/L micrograms per liter
VOC Volatile organic compounds
WPCP Water pollution control plant

TABLE 4

SUMMARY OF WATER LEVEL MEASUREMENTS TAKEN AUGUST 31, 1999

Well ID Number	Depth to Groundwater (feet btoc)	TOC Elevation (feet above MSL)	Water Level Elevation (feet above MSL)
IR06MW42A	10.95	11.88	0.93
IR06MW45A	6.48	9.93	3.45
IR07MW19A	9.57	9.6	0.03
IR07MW20A1	9.24	9.65	0.41
IR07MW21A1	13.25	14.65	1.4
IR07MW23A	13.97	15.76	1.79
IR07MW24A	12.09	13.56	1.47
IR07MW25A	10.27	11.91	1.64
IR07MW26A	11.69	12.69	1
IR07MW27A	13.35	16.15	2.8
IR07MW28A	10.14	12.03	1.89
IR07MWS-2	10.90	12.71	1.81
IR07MWS-4	14.39	15.88	1.49
IR10MW28A	11.00	13.65	2.65
IR10MW31A1	10.42	10.34	-0.08
IR10MW33A	7.94	10.25	2.31
IR18MW21A	15.39	17.62	2.23
IR25MW17A	8.30	10.28	1.98
IR26MW41A	7.47	10.12	2.65
IR26MW45A	7.07	8.28	1.21
IR46MW37A	7.47	9.56	2.09
IR61MW05A	7.67	10.13	2.46
PA50MW01A	8.11	9.14	1.03
UT03MW11A	7.47	9.93	2.46

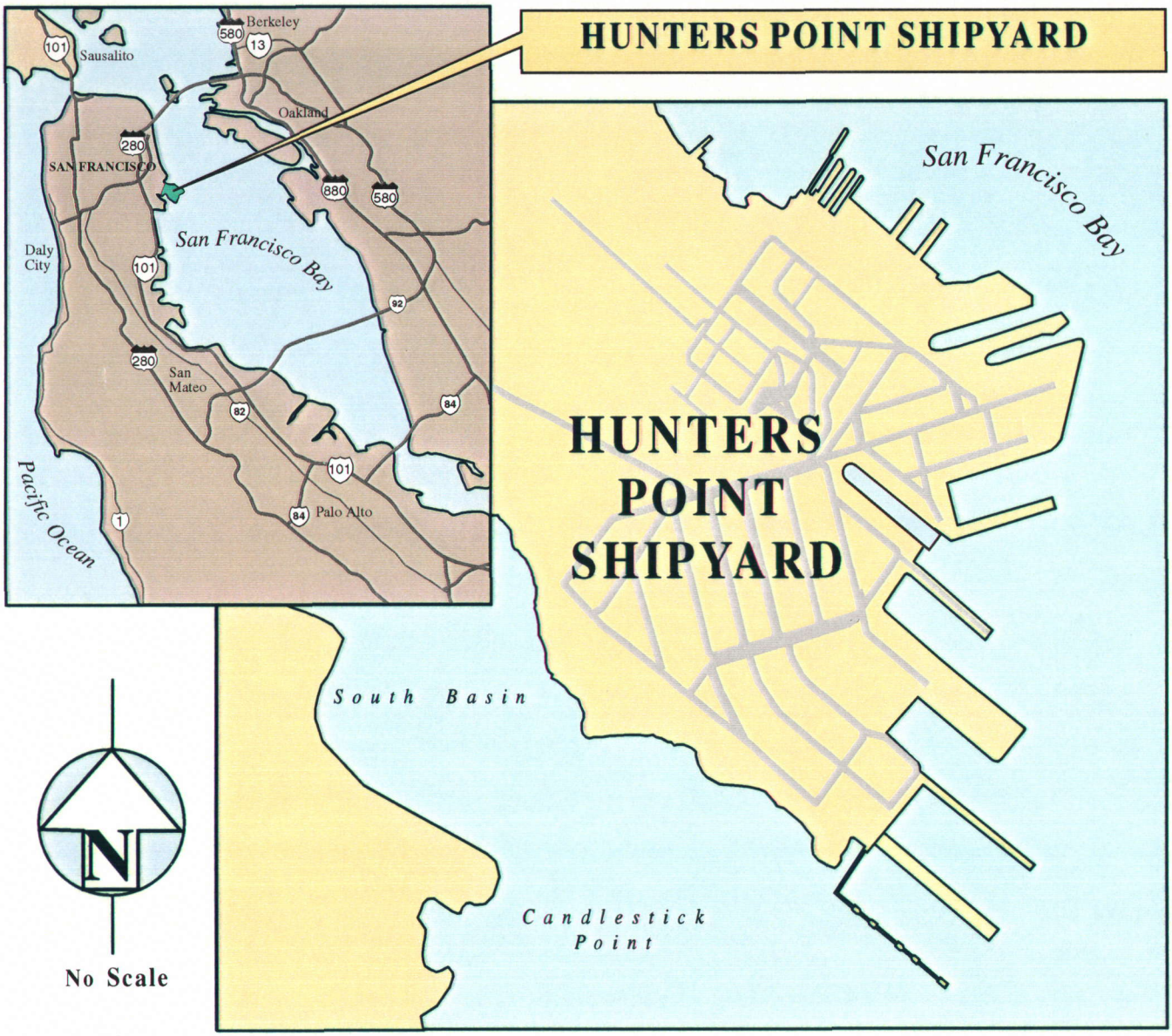
Notes:

btoc Below top of casing

MSL Mean sea level

TOC Top of casing

FIGURES



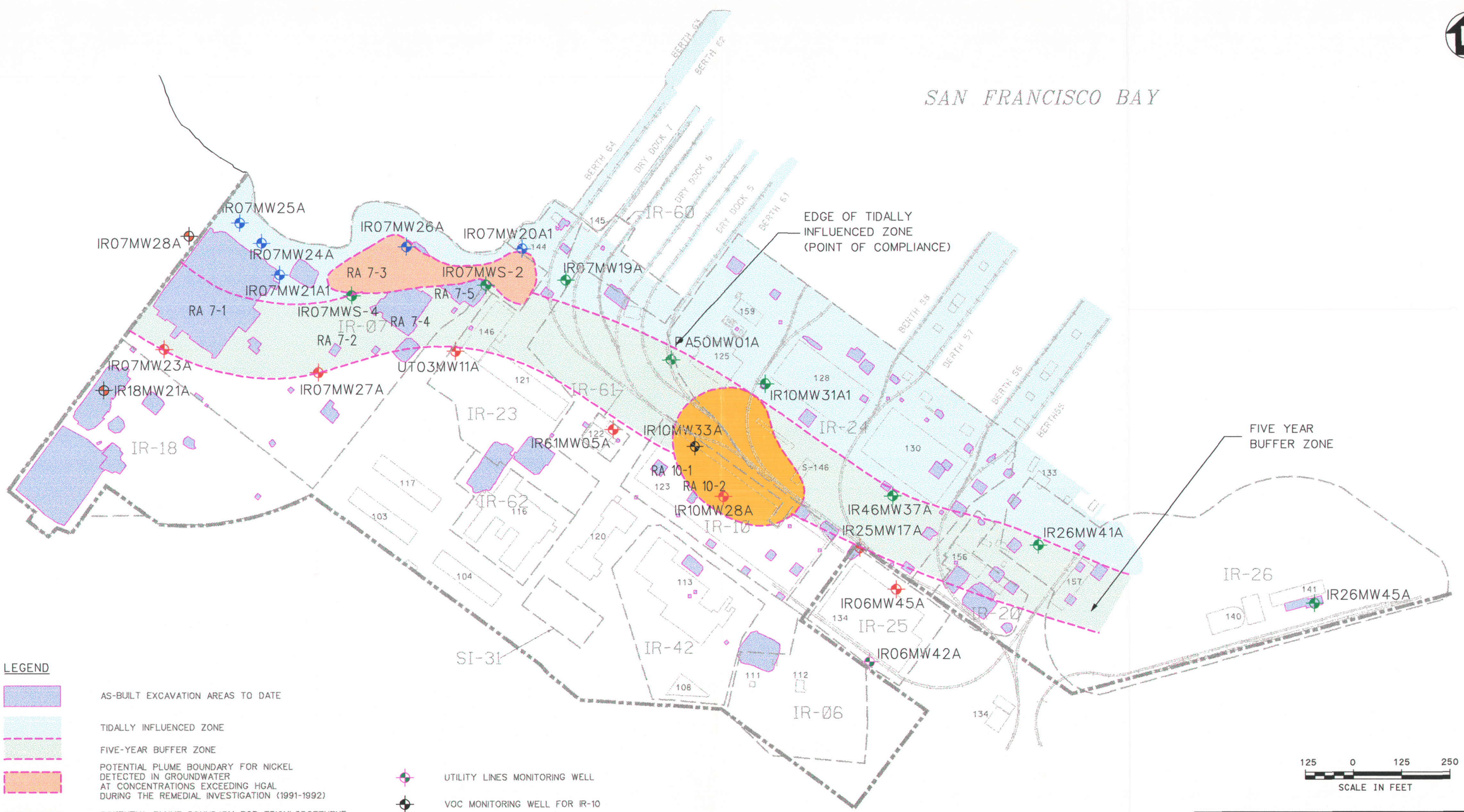
DEPARTMENT OF THE NAVY — NAVAL FACILITIES ENGINEERING COMMAND

SOUTHWEST DIVISION

SAN DIEGO, CALIFORNIA

HUNTERS POINT SHIPYARD — SAN FRANCISCO, CALIFORNIA

FIGURE 1
FACILITY LOCATION MAP
HUNTERS POINT SHIPYARD



LEGEND

- AS-BUILT EXCAVATION AREAS TO DATE
- TIDALLY INFLUENCED ZONE
- FIVE-YEAR BUFFER ZONE
- POTENTIAL PLUME BOUNDARY FOR NICKEL DETECTED IN GROUNDWATER AT CONCENTRATIONS EXCEEDING HGAL DURING THE REMEDIAL INVESTIGATION (1991-1992)
- POTENTIAL PLUME BOUNDARY FOR TRICHLOROETHENE DETECTED IN GROUNDWATER AT IR-10 DURING THE REMEDIAL INVESTIGATION (1991-1992)
- 104 EXISTING BUILDING
- PARCEL BOUNDARY
- IR SITE BOUNDARY
- RAILROAD TRACK
- UTILITY LINES MONITORING WELL
- VOC MONITORING WELL FOR IR-10
- SENTINEL WELL ALONG INLAND BUFFER ZONE
- REMEDIAL ACTION MONITORING WELL
- POINT OF COMPLIANCE MONITORING WELL
- ON/OFF SITE MIGRATION MONITORING WELL AT IR-07 AND IR-18

DEPARTMENT OF THE NAVY — NAVAL FACILITIES ENGINEERING COMMAND

SOUTHWEST DIVISION

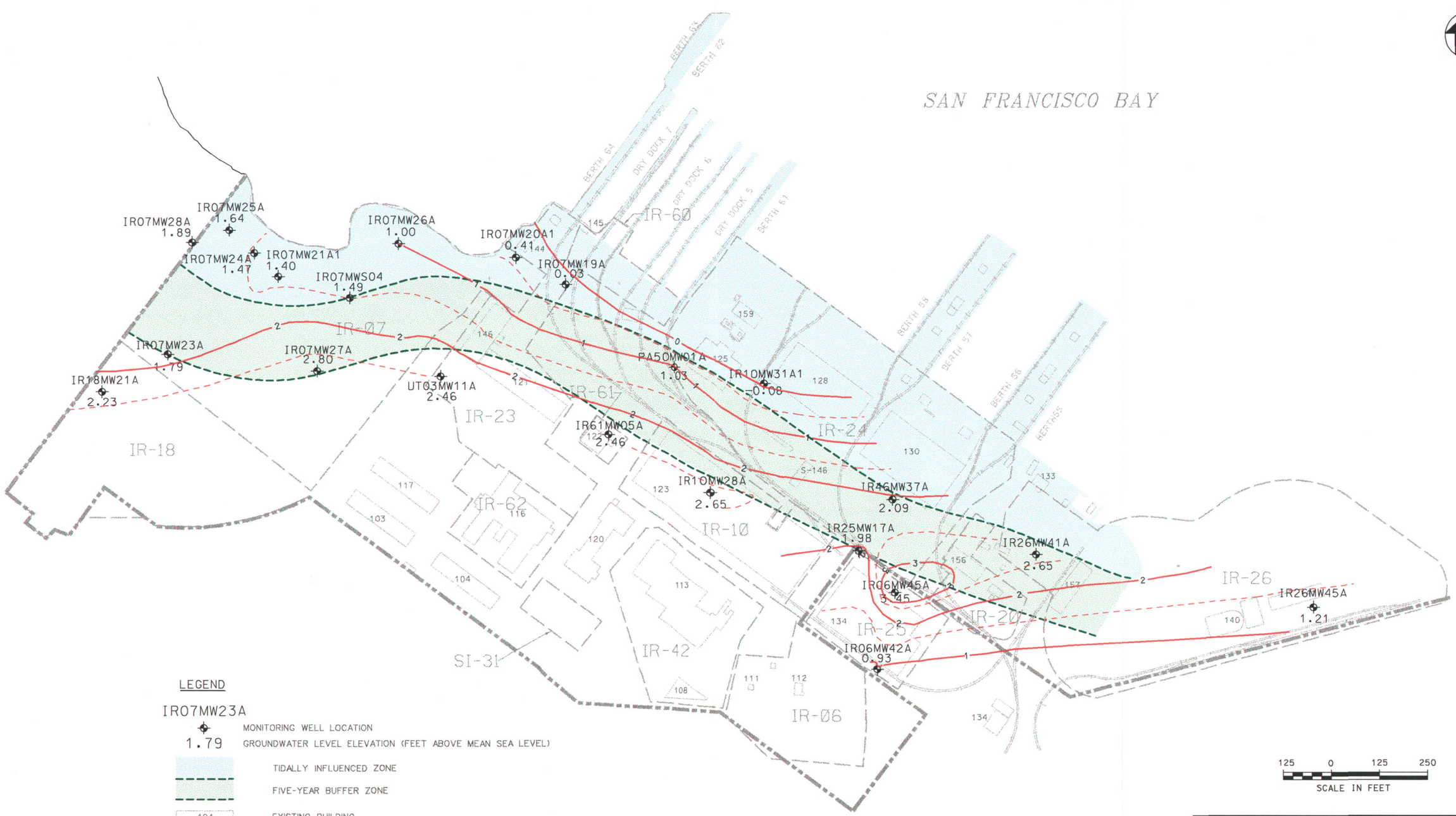
SAN DIEGO, CALIFORNIA

HUNTERS POINT SHIPYARD — SAN FRANCISCO, CALIFORNIA

FIGURE 2

LOCATION OF REMEDIAL ACTION MONITORING PLAN WELLS PARCEL B

24 MAY 2000 j:\hps\dgn\parc_b\cto270\fig2_1qtr.dgn



DEPARTMENT OF THE NAVY — NAVAL FACILITIES ENGINEERING COMMAND

SOUTHWEST DIVISION

SAN DIEGO, CALIFORNIA

HUNTERS POINT SHIPYARD — SAN FRANCISCO, CALIFORNIA

FIGURE 3

AUGUST 31, 1999

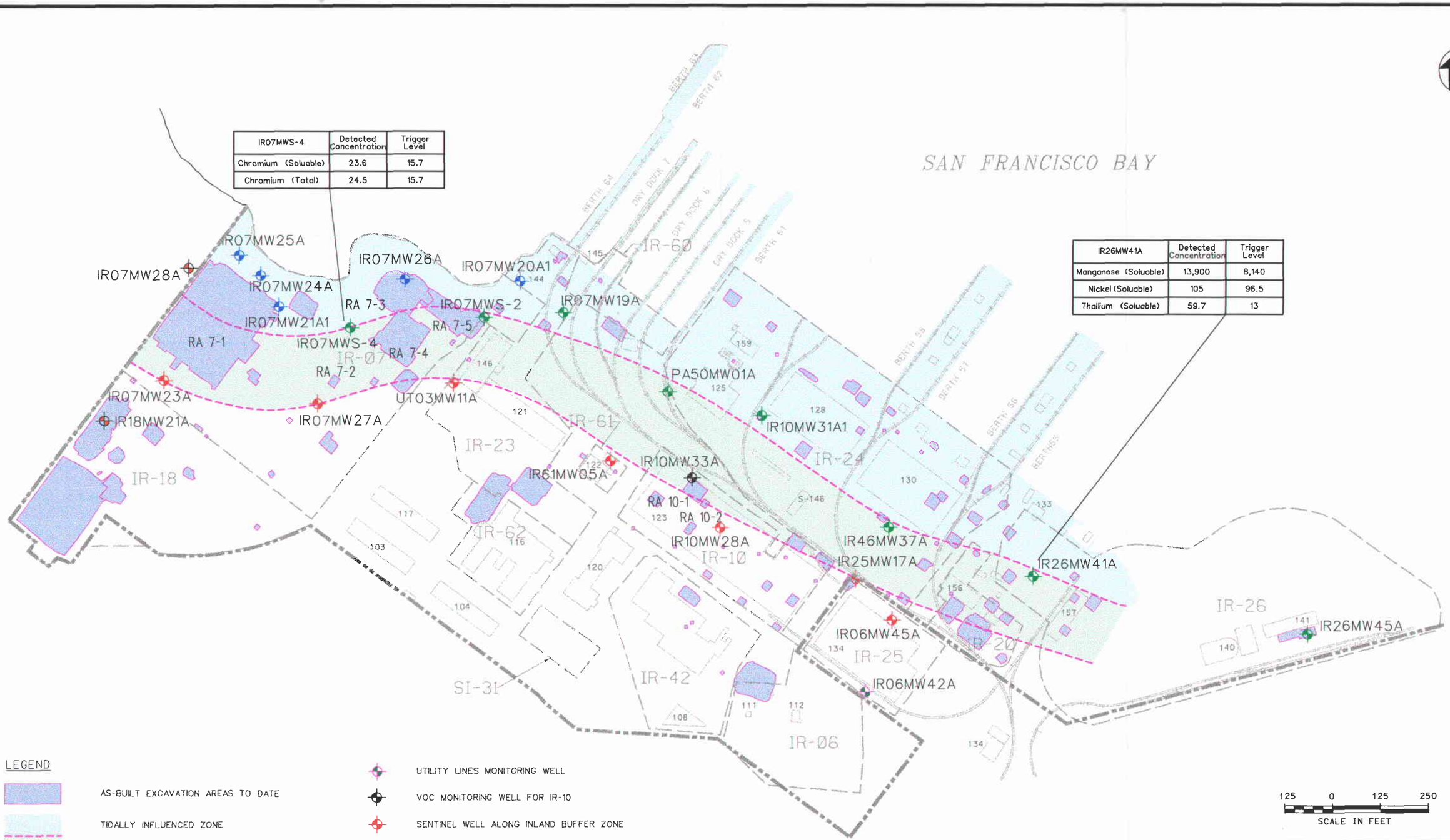
GROUNDWATER LEVEL CONTOUR MAP

PARCEL B

24 MAY 2000 j:\hps\dgn\parc_b\cto270\fig3_gwcntrs_1qtr.dgn

IR07MWS-4	Detected Concentration	Trigger Level
Chromium (Soluable)	23.6	15.7
Chromium (Total)	24.5	15.7

IR26MW41A	Detected Concentration	Trigger Level
Manganese (Soluable)	13,900	8,140
Nickel (Soluable)	105	96.5
Thallium (Soluable)	59.7	13



LEGEND

- AS-BUILT EXCAVATION AREAS TO DATE
- TIDALLY INFLUENCED ZONE
- FIVE-YEAR BUFFER ZONE
- 104 EXISTING BUILDING
- PARCEL BOUNDARY
- IR SITE BOUNDARY
- RAILROAD TRACK
- UTILITY LINES MONITORING WELL
- VOC MONITORING WELL FOR IR-10
- SENTINEL WELL ALONG INLAND BUFFER ZONE
- REMEDIAL ACTION MONITORING WELL
- POINT OF COMPLIANCE MONITORING WELL
- ON/OFF SITE MIGRATION MONITORING WELL AT IR-07 AND IR-18

NOTES

ALL TRIGGER LEVELS AND CONCENTRATIONS EXPRESSED AS $\mu g/L$

DEPARTMENT OF THE NAVY — NAVAL FACILITIES ENGINEERING COMMAND

SOUTHWEST DIVISION

SAN DIEGO, CALIFORNIA

HUNTERS POINT SHIPYARD — SAN FRANCISCO, CALIFORNIA

FIGURE 4

REMEDIAL ACTION MONITORING PLAN WELLS EXCEEDING TRIGGER LEVELS PARCEL B

25 MAY 2000 j:\hpa\dgn\parc_b\cto270\fig4_1qtr.dgn

APPENDIX A

SUMMARY OF ANALYTICAL RESULTS FOR SEPTEMBER 1999 SAMPLING EVENT WITH TRIGGER LEVELS

SUMMARY OF ANALYTICAL RESULTS WITH TRIGGER LEVELS
SEPTEMBER - DECEMBER 1999, FIRST QUARTERLY GROUNDWATER SAMPLING REPORT FOR PARCEL B
HUNTERS POINT SHIPYARD, SAN FRANCISCO, CALIFORNIA

IR Site	Monitoring Well ID	Analyte	Analytical Result (ug/L)	Units	Trigger Level (ug/L)	Analytical Group	Sample Number	Associated Sample Number
IR-07	**IR07MW19A**	**POINT-OF-COMPLIANCE MONITORING WELL**						
IR-07	IR07MW19A	1,1,1-TRICHLOROETHANE	10 ND	ug/L	--	VOA	9936F013	
IR-07	IR07MW19A	1,1,2,2-TETRACHLOROETHANE	10 ND	ug/L	--	VOA	9936F013	
IR-07	IR07MW19A	1,1,2-TRICHLOROETHANE	10 ND	ug/L	--	VOA	9936F013	
IR-07	IR07MW19A	1,1-DICHLOROETHANE	10 ND	ug/L	--	VOA	9936F013	
IR-07	IR07MW19A	1,1-DICHLOROETHENE	10 ND	ug/L	--	VOA	9936F013	
IR-07	IR07MW19A	1,2-DICHLOROETHANE	10 ND	ug/L	--	VOA	9936F013	
IR-07	IR07MW19A	1,2-DICHLOROETHENE (TOTAL)	10 ND	ug/L	22,400	VOA	9936F013	
IR-07	IR07MW19A	1,2-DICHLOROPROPANE	10 ND	ug/L	--	VOA	9936F013	
IR-07	IR07MW19A	2-BUTANONE	10 ND	ug/L	--	VOA	9936F013	
IR-07	IR07MW19A	2-HEXANONE	10 ND	ug/L	--	VOA	9936F013	
IR-07	IR07MW19A	4-METHYL-2-PENTANONE	10 ND	ug/L	--	VOA	9936F013	
IR-07	IR07MW19A	ACETONE	10 ND	ug/L	--	VOA	9936F013	
IR-07	IR07MW19A	ALUMINUM	20 ND	ug/L	--	DMETAL	9936F013	
IR-07	IR07MW19A	ANTIMONY	3.7 ND	ug/L	500	DMETAL	9936F013	
IR-07	IR07MW19A	ARSENIC	5.2 ND	ug/L	36	DMETAL	9936F013	
IR-07	IR07MW19A	BARIUM	120	ug/L	504	DMETAL	9936F013	
IR-07	IR07MW19A	BENZENE	10 ND	ug/L	--	VOA	9936F013	
IR-07	IR07MW19A	BERYLLIUM	0.65	ug/L	1.4	DMETAL	9936F013	
IR-07	IR07MW19A	BROMODICHLOROMETHANE	10 ND	ug/L	--	VOA	9936F013	
IR-07	IR07MW19A	BROMOFORM	10 ND	ug/L	--	VOA	9936F013	
IR-07	IR07MW19A	BROMOMETHANE	10 ND	ug/L	--	VOA	9936F013	
IR-07	IR07MW19A	CADMIUM	1.4	ug/L	9.3	DMETAL	9936F013	
IR-07	IR07MW19A	CALCIUM	307,000	ug/L	--	DMETAL	9936F013	
IR-07	IR07MW19A	CARBON DISULFIDE	10 ND	ug/L	--	VOA	9936F013	
IR-07	IR07MW19A	CARBON TETRACHLORIDE	10 ND	ug/L	--	VOA	9936F013	
IR-07	IR07MW19A	CHLOROBENZENE	10 ND	ug/L	--	VOA	9936F013	
IR-07	IR07MW19A	CHLOROETHANE	10 ND	ug/L	--	VOA	9936F013	
IR-07	IR07MW19A	CHLOROFORM	10 ND	ug/L	--	VOA	9936F013	
IR-07	IR07MW19A	CHLOROMETHANE	10 ND	ug/L	--	VOA	9936F013	
IR-07	IR07MW19A	CHROMIUM	3.4	ug/L	15.7	DMETAL	9936F013	
IR-07	IR07MW19A	CHROMIUM VI	10	ug/L	--	CHROM	9936F013	
IR-07	IR07MW19A	CIS-1,3-DICHLOROPROPENE	10 ND	ug/L	--	VOA	9936F013	
IR-07	IR07MW19A	COBALT	2.5 ND	ug/L	20.8	DMETAL	9936F013	
IR-07	IR07MW19A	COPPER	2.9 ND	ug/L	28	DMETAL	9936F013	
IR-07	IR07MW19A	DIBROMOCHLOROMETHANE	10 ND	ug/L	--	VOA	9936F013	
IR-07	IR07MW19A	ETHYLBENZENE	10 ND	ug/L	--	VOA	9936F013	
IR-07	IR07MW19A	GASOLINE RANGE ORGANICS	50 ND	ug/L	1,250	TPHPRG	9936F013	
IR-07	IR07MW19A	IRON	138 ND	ug/L	--	DMETAL	9936F013	
IR-07	IR07MW19A	LEAD	0.8 ND	ug/L	14.4	DMETAL	9936F013	
IR-07	IR07MW19A	MAGNESIUM	966,000	ug/L	--	DMETAL	9936F013	
IR-07	IR07MW19A	MANGANESE	1.1 ND	ug/L	8,140	DMETAL	9936F013	
IR-07	IR07MW19A	MERCURY	0.1 ND	ug/L	0.6	DMETAL	9936F013	
IR-07	IR07MW19A	METHYLENE CHLORIDE	10 ND	ug/L	--	VOA	9936F013	
IR-07	IR07MW19A	MOLYBDENUM	5.6	ug/L	--	DMETAL	9936F013	
IR-07	IR07MW19A	MOTOR OIL RANGE ORGANICS	100 ND	ug/L	--	TPHEXT	9936F013	
IR-07	IR07MW19A	NICKEL	23.2	ug/L	96.5	DMETAL	9936F013	
IR-07	IR07MW19A	POTASSIUM	351,000	ug/L	--	DMETAL	9936F013	
IR-07	IR07MW19A	PROPANE, 2-METHOXY-2-METHYL-	5 ND	ug/L	--	VOA	9936F013	
IR-07	IR07MW19A	SELENIUM	9.9 ND	ug/L	--	DMETAL	9936F013	
IR-07	IR07MW19A	SILVER	1.5 ND	ug/L	7.43	DMETAL	9936F013	
IR-07	IR07MW19A	SODIUM	7,100,000	ug/L	--	DMETAL	9936F013	

SUMMARY OF ANALYTICAL RESULTS WITH TRIGGER LEVELS
SEPTEMBER - DECEMBER 1999, FIRST QUARTERLY GROUNDWATER SAMPLING REPORT FOR PARCEL B
HUNTERS POINT SHIPYARD, SAN FRANCISCO, CALIFORNIA

IR Site	Monitoring Well ID	Analyte	Analytical Result (ug/L)	Units	Trigger Level (ug/L)	Analytical Group	Sample Number	Associated Sample Number
IR-07	IR07MW19A	STYRENE	10 ND	ug/L	--	VOA	9936F013	
IR-07	IR07MW19A	TETRACHLOROETHENE	10 ND	ug/L	--	VOA	9936F013	
IR-07	IR07MW19A	THALLIUM	3 ND	ug/L	13	DMETAL	9936F013	
IR-07	IR07MW19A	TOLUENE	10 ND	ug/L	--	VOA	9936F013	
IR-07	IR07MW19A	TPH-EXTRACTABLE UNKNOWN HYDROCARBON	100 ND	ug/L	--	TPHEXT	9936F013	
IR-07	IR07MW19A	TRANS-1,3-DICHLOROPROPENE	10 ND	ug/L	--	VOA	9936F013	
IR-07	IR07MW19A	TRICHLOROETHENE	10 ND	ug/L	200	VOA	9936F013	
IR-07	IR07MW19A	VANADIUM	4	ug/L	--	DMETAL	9936F013	
IR-07	IR07MW19A	VINYL CHLORIDE	10 ND	ug/L	55	VOA	9936F013	
IR-07	IR07MW19A	XYLENE (TOTAL)	10 ND	ug/L	--	VOA	9936F013	
IR-07	IR07MW19A	ZINC	7.3 ND	ug/L	81	DMETAL	9936F013	
IR-07	**IR07MW20A1**	**POST-REMEDIAL-ACTION MONITORING WELL**						
IR-07	IR07MW20A1	1,1,1-TRICHLOROETHANE	10 ND	ug/L	--	VOA	9936F012	
IR-07	IR07MW20A1	1,1,2,2-TETRACHLOROETHANE	10 ND	ug/L	--	VOA	9936F012	
IR-07	IR07MW20A1	1,1,2-TRICHLOROETHANE	10 ND	ug/L	--	VOA	9936F012	
IR-07	IR07MW20A1	1,1-DICHLOROETHANE	10 ND	ug/L	--	VOA	9936F012	
IR-07	IR07MW20A1	1,1-DICHLOROETHENE	10 ND	ug/L	--	VOA	9936F012	
IR-07	IR07MW20A1	1,2-DICHLOROETHANE	10 ND	ug/L	--	VOA	9936F012	
IR-07	IR07MW20A1	1,2-DICHLOROETHENE (TOTAL)	10 ND	ug/L	22,400	VOA	9936F012	
IR-07	IR07MW20A1	1,2-DICHLOROPROPANE	10 ND	ug/L	--	VOA	9936F012	
IR-07	IR07MW20A1	2-BUTANONE	10 ND	ug/L	--	VOA	9936F012	
IR-07	IR07MW20A1	2-HEXANONE	10 ND	ug/L	--	VOA	9936F012	
IR-07	IR07MW20A1	4-METHYL-2-PENTANONE	10 ND	ug/L	--	VOA	9936F012	
IR-07	IR07MW20A1	ACETONE	10 ND	ug/L	--	VOA	9936F012	
IR-07	IR07MW20A1	ALUMINUM	20 ND	ug/L	--	DMETAL	9936F012	
IR-07	IR07MW20A1	ANTIMONY	3.7 ND	ug/L	500	DMETAL	9936F012	
IR-07	IR07MW20A1	ARSENIC	5.2 ND	ug/L	36	DMETAL	9936F012	
IR-07	IR07MW20A1	BARIUM	104	ug/L	504	DMETAL	9936F012	
IR-07	IR07MW20A1	BENZENE	10 ND	ug/L	--	VOA	9936F012	
IR-07	IR07MW20A1	BERYLLIUM	0.73	ug/L	1.4	DMETAL	9936F012	
IR-07	IR07MW20A1	BROMODICHLOROMETHANE	10 ND	ug/L	--	VOA	9936F012	
IR-07	IR07MW20A1	BROMOFORM	3	ug/L	--	VOA	9936F012	
IR-07	IR07MW20A1	BROMOMETHANE	10 ND	ug/L	--	VOA	9936F012	
IR-07	IR07MW20A1	CADMIUM	1.3	ug/L	9.3	DMETAL	9936F012	
IR-07	IR07MW20A1	CALCIUM	347,000	ug/L	--	DMETAL	9936F012	
IR-07	IR07MW20A1	CARBON DISULFIDE	10 ND	ug/L	--	VOA	9936F012	
IR-07	IR07MW20A1	CARBON TETRACHLORIDE	10 ND	ug/L	--	VOA	9936F012	
IR-07	IR07MW20A1	CHLOROBENZENE	10 ND	ug/L	--	VOA	9936F012	
IR-07	IR07MW20A1	CHLOROETHANE	10 ND	ug/L	--	VOA	9936F012	
IR-07	IR07MW20A1	CHLOROFORM	10 ND	ug/L	--	VOA	9936F012	
IR-07	IR07MW20A1	CHLOROMETHANE	10 ND	ug/L	--	VOA	9936F012	
IR-07	IR07MW20A1	CHROMIUM	2.8	ug/L	15.7	DMETAL	9936F012	
IR-07	IR07MW20A1	CHROMIUM VI	10	ug/L	--	CHROM	9936F012	
IR-07	IR07MW20A1	CIS-1,3-DICHLOROPROPENE	10 ND	ug/L	--	VOA	9936F012	
IR-07	IR07MW20A1	COBALT	2.5 ND	ug/L	20.8	DMETAL	9936F012	
IR-07	IR07MW20A1	COPPER	2.9 ND	ug/L	28	DMETAL	9936F012	
IR-07	IR07MW20A1	DIBROMOCHLOROMETHANE	10 ND	ug/L	--	VOA	9936F012	
IR-07	IR07MW20A1	ETHYLBENZENE	10 ND	ug/L	--	VOA	9936F012	
IR-07	IR07MW20A1	GASOLINE RANGE ORGANICS	50 ND	ug/L	1,250	TPHPRG	9936F012	
IR-07	IR07MW20A1	IRON	166 ND	ug/L	--	DMETAL	9936F012	
IR-07	IR07MW20A1	LEAD	0.8 ND	ug/L	14.4	DMETAL	9936F012	

SUMMARY OF ANALYTICAL RESULTS WITH TRIGGER LEVELS
SEPTEMBER - DECEMBER 1999, FIRST QUARTERLY GROUNDWATER SAMPLING REPORT FOR PARCEL B
HUNTERS POINT SHIPYARD, SAN FRANCISCO, CALIFORNIA

IR Site	Monitoring Well ID	Analyte	Analytical Result (ug/L)	Units	Trigger Level (ug/L)	Analytical Group	Sample Number	Associated Sample Number
IR-07	IR07MW20A1	MAGNESIUM	1,160,000	ug/L	--	DMETAL	9936F012	
IR-07	IR07MW20A1	MANGANESE	1.1 ND	ug/L	8,140	DMETAL	9936F012	
IR-07	IR07MW20A1	MERCURY	0.1 ND	ug/L	0.6	DMETAL	9936F012	
IR-07	IR07MW20A1	METHYLENE CHLORIDE	10 ND	ug/L	--	VOA	9936F012	
IR-07	IR07MW20A1	MOLYBDENUM	5.5	ug/L	--	DMETAL	9936F012	
IR-07	IR07MW20A1	MOTOR OIL RANGE ORGANICS	100 ND	ug/L	--	TPHEXT	9936F012	
IR-07	IR07MW20A1	NICKEL	35	ug/L	96.5	DMETAL	9936F012	
IR-07	IR07MW20A1	POTASSIUM	440,000	ug/L	--	DMETAL	9936F012	
IR-07	IR07MW20A1	PROPANE, 2-METHOXY-2-METHYL-	5 ND	ug/L	--	VOA	9936F012	
IR-07	IR07MW20A1	SELENIUM	11.1 ND	ug/L	--	DMETAL	9936F012	
IR-07	IR07MW20A1	SILVER	1.5 ND	ug/L	7.43	DMETAL	9936F012	
IR-07	IR07MW20A1	SODIUM	7,850,000	ug/L	--	DMETAL	9936F012	
IR-07	IR07MW20A1	STYRENE	10 ND	ug/L	--	VOA	9936F012	
IR-07	IR07MW20A1	TETRACHLOROETHENE	10 ND	ug/L	--	VOA	9936F012	
IR-07	IR07MW20A1	THALLIUM	3 ND	ug/L	13	DMETAL	9936F012	
IR-07	IR07MW20A1	TOLUENE	10 ND	ug/L	--	VOA	9936F012	
IR-07	IR07MW20A1	TPH-EXTRACTABLE UNKNOWN HYDROCARBON	100 ND	ug/L	--	TPHEXT	9936F012	
IR-07	IR07MW20A1	TRANS-1,3-DICHLOROPROPENE	10 ND	ug/L	--	VOA	9936F012	
IR-07	IR07MW20A1	TRICHLOROETHENE	10 ND	ug/L	200	VOA	9936F012	
IR-07	IR07MW20A1	VANADIUM	2.5 ND	ug/L	--	DMETAL	9936F012	
IR-07	IR07MW20A1	VINYL CHLORIDE	10 ND	ug/L	55	VOA	9936F012	
IR-07	IR07MW20A1	XYLENE (TOTAL)	10 ND	ug/L	--	VOA	9936F012	
IR-07	IR07MW20A1	ZINC	3 ND	ug/L	81	DMETAL	9936F012	
IR-07	**IR07MW21A1**	**POST-REMEDIAL-ACTION MONITORING WELL**						
IR-07	IR07MW21A1	1,1,1-TRICHLOROETHANE	10 ND	ug/L	--	VOA	9936F009	
IR-07	IR07MW21A1	1,1,2,2-TETRACHLOROETHANE	10 ND	ug/L	--	VOA	9936F009	
IR-07	IR07MW21A1	1,1,2-TRICHLOROETHANE	10 ND	ug/L	--	VOA	9936F009	
IR-07	IR07MW21A1	1,1-DICHLOROETHANE	10 ND	ug/L	--	VOA	9936F009	
IR-07	IR07MW21A1	1,1-DICHLOROETHENE	10 ND	ug/L	--	VOA	9936F009	
IR-07	IR07MW21A1	1,2-DICHLOROETHANE	10 ND	ug/L	--	VOA	9936F009	
IR-07	IR07MW21A1	1,2-DICHLOROETHENE (TOTAL)	10 ND	ug/L	22,400	VOA	9936F009	
IR-07	IR07MW21A1	1,2-DICHLOROPROPANE	10 ND	ug/L	--	VOA	9936F009	
IR-07	IR07MW21A1	2-BUTANONE	10 ND	ug/L	--	VOA	9936F009	
IR-07	IR07MW21A1	2-HEXANONE	10 ND	ug/L	--	VOA	9936F009	
IR-07	IR07MW21A1	4-METHYL-2-PENTANONE	10 ND	ug/L	--	VOA	9936F009	
IR-07	IR07MW21A1	ACETONE	10 ND	ug/L	--	VOA	9936F009	
IR-07	IR07MW21A1	ALUMINUM	20 ND	ug/L	--	DMETAL	9936F009	
IR-07	IR07MW21A1	ANTIMONY	3.7 ND	ug/L	500	DMETAL	9936F009	
IR-07	IR07MW21A1	ARSENIC	5.2 ND	ug/L	36	DMETAL	9936F009	
IR-07	IR07MW21A1	BARIUM	104	ug/L	504	DMETAL	9936F009	
IR-07	IR07MW21A1	BENZENE	10 ND	ug/L	--	VOA	9936F009	
IR-07	IR07MW21A1	BERYLLIUM	0.4 ND	ug/L	1.4	DMETAL	9936F009	
IR-07	IR07MW21A1	BROMODICHLOROMETHANE	10 ND	ug/L	--	VOA	9936F009	
IR-07	IR07MW21A1	BROMOFORM	10 ND	ug/L	--	VOA	9936F009	
IR-07	IR07MW21A1	BROMOMETHANE	10 ND	ug/L	--	VOA	9936F009	
IR-07	IR07MW21A1	CADMIUM	0.9 ND	ug/L	9.3	DMETAL	9936F009	
IR-07	IR07MW21A1	CALCIUM	94,000	ug/L	--	DMETAL	9936F009	
IR-07	IR07MW21A1	CARBON DISULFIDE	10 ND	ug/L	--	VOA	9936F009	
IR-07	IR07MW21A1	CARBON TETRACHLORIDE	10 ND	ug/L	--	VOA	9936F009	
IR-07	IR07MW21A1	CHLOROBENZENE	10 ND	ug/L	--	VOA	9936F009	
IR-07	IR07MW21A1	CHLOROETHANE	10 ND	ug/L	--	VOA	9936F009	

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IR Site	Monitoring Well ID	Analyte	Analytical Result (ug/L)	Units	Trigger Level (ug/L)	Analytical Group	Sample Number	Associated Sample Number
IR-07	IR07MW21A1	CHLOROFORM	10 ND	ug/L	--	VOA	9936F009	
IR-07	IR07MW21A1	CHLOROMETHANE	10 ND	ug/L	--	VOA	9936F009	
IR-07	IR07MW21A1	CHROMIUM	1	ug/L	15.7	DMETAL	9936F009	
IR-07	IR07MW21A1	CHROMIUM VI	10	ug/L	--	CHROM	9936F009	
IR-07	IR07MW21A1	CIS-1,3-DICHLOROPROPENE	10 ND	ug/L	--	VOA	9936F009	
IR-07	IR07MW21A1	COBALT	2.6	ug/L	20.8	DMETAL	9936F009	
IR-07	IR07MW21A1	COPPER	2.9 ND	ug/L	28	DMETAL	9936F009	
IR-07	IR07MW21A1	DIBROMOCHLOROMETHANE	10 ND	ug/L	--	VOA	9936F009	
IR-07	IR07MW21A1	ETHYLBENZENE	10 ND	ug/L	--	VOA	9936F009	
IR-07	IR07MW21A1	GASOLINE RANGE ORGANICS	50 ND	ug/L	1,250	TPHPRG	9936F009	
IR-07	IR07MW21A1	IRON	20.8 ND	ug/L	--	DMETAL	9936F009	
IR-07	IR07MW21A1	LEAD	0.8 ND	ug/L	14.4	DMETAL	9936F009	
IR-07	IR07MW21A1	MAGNESIUM	128,000	ug/L	--	DMETAL	9936F009	
IR-07	IR07MW21A1	MANGANESE	826	ug/L	8,140	DMETAL	9936F009	
IR-07	IR07MW21A1	MERCURY	0.1 ND	ug/L	0.6	DMETAL	9936F009	
IR-07	IR07MW21A1	METHYLENE CHLORIDE	10 ND	ug/L	--	VOA	9936F009	
IR-07	IR07MW21A1	MOLYBDENUM	2	ug/L	--	DMETAL	9936F009	
IR-07	IR07MW21A1	MOTOR OIL RANGE ORGANICS	100 ND	ug/L	--	TPHEXT	9936F009	
IR-07	IR07MW21A1	NICKEL	29.2	ug/L	96.5	DMETAL	9936F009	
IR-07	IR07MW21A1	POTASSIUM	18,400	ug/L	--	DMETAL	9936F009	
IR-07	IR07MW21A1	PROPANE, 2-METHOXY-2-METHYL-	5 ND	ug/L	--	VOA	9936F009	
IR-07	IR07MW21A1	SELENIUM	2.9 ND	ug/L	--	DMETAL	9936F009	
IR-07	IR07MW21A1	SILVER	1.5 ND	ug/L	7.43	DMETAL	9936F009	
IR-07	IR07MW21A1	SODIUM	206,000	ug/L	--	DMETAL	9936F009	
IR-07	IR07MW21A1	STYRENE	10 ND	ug/L	--	VOA	9936F009	
IR-07	IR07MW21A1	TETRACHLOROETHENE	10 ND	ug/L	--	VOA	9936F009	
IR-07	IR07MW21A1	THALLIUM	4.2 ND	ug/L	13	DMETAL	9936F009	
IR-07	IR07MW21A1	TOLUENE	10 ND	ug/L	--	VOA	9936F009	
IR-07	IR07MW21A1	TPH-EXTRACTABLE UNKNOWN HYDROCARBON	100 ND	ug/L	--	TPHEXT	9936F009	
IR-07	IR07MW21A1	TRANS-1,3-DICHLOROPROPENE	10 ND	ug/L	--	VOA	9936F009	
IR-07	IR07MW21A1	TRICHLOROETHENE	10 ND	ug/L	200	VOA	9936F009	
IR-07	IR07MW21A1	VANADIUM	2.5 ND	ug/L	--	DMETAL	9936F009	
IR-07	IR07MW21A1	VINYL CHLORIDE	10 ND	ug/L	55	VOA	9936F009	
IR-07	IR07MW21A1	XYLENE (TOTAL)	10 ND	ug/L	--	VOA	9936F009	
IR-07	IR07MW21A1	ZINC	3 ND	ug/L	81	DMETAL	9936F009	
IR-07	**IR07MW23A**	**SENTINEL MONITORING WELL**						
IR-07	IR07MW23A	1,1,1-TRICHLOROETHANE	10 ND	ug/L	--	VOA	9936F007	
IR-07	IR07MW23A	1,1,2,2-TETRACHLOROETHANE	10 ND	ug/L	--	VOA	9936F007	
IR-07	IR07MW23A	1,1,2-TRICHLOROETHANE	10 ND	ug/L	--	VOA	9936F007	
IR-07	IR07MW23A	1,1-DICHLOROETHANE	10 ND	ug/L	--	VOA	9936F007	
IR-07	IR07MW23A	1,1-DICHLOROETHENE	10 ND	ug/L	--	VOA	9936F007	
IR-07	IR07MW23A	1,2-DICHLOROETHANE	10 ND	ug/L	--	VOA	9936F007	
IR-07	IR07MW23A	1,2-DICHLOROETHENE (TOTAL)	10 ND	ug/L	224,000	VOA	9936F007	
IR-07	IR07MW23A	1,2-DICHLOROPROPANE	10 ND	ug/L	--	VOA	9936F007	
IR-07	IR07MW23A	2-BUTANONE	10 ND	ug/L	--	VOA	9936F007	
IR-07	IR07MW23A	2-HEXANONE	10 ND	ug/L	--	VOA	9936F007	
IR-07	IR07MW23A	4-METHYL-2-PENTANONE	10 ND	ug/L	--	VOA	9936F007	
IR-07	IR07MW23A	ACETONE	10 ND	ug/L	--	VOA	9936F007	
IR-07	IR07MW23A	ALUMINUM	20 ND	ug/L	--	DMETAL	9936F007	
IR-07	IR07MW23A	ANTIMONY	3.7 ND	ug/L	5,000	DMETAL	9936F007	
IR-07	IR07MW23A	ARSENIC	5.2 ND	ug/L	360	DMETAL	9936F007	

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IR Site	Monitoring Well ID	Analyte	Analytical Result (ug/L)	Units	Trigger Level (ug/L)	Analytical Group	Sample Number	Associated Sample Number
IR-07	IR07MW23A	BARIUM	102	ug/L	5,040	DMETAL	9936F007	
IR-07	IR07MW23A	BENZENE	10 ND	ug/L	--	VOA	9936F007	
IR-07	IR07MW23A	BERYLLIUM	0.4 ND	ug/L	14	DMETAL	9936F007	
IR-07	IR07MW23A	BROMODICHLOROMETHANE	10 ND	ug/L	--	VOA	9936F007	
IR-07	IR07MW23A	BROMOFORM	10 ND	ug/L	--	VOA	9936F007	
IR-07	IR07MW23A	BROMOMETHANE	10 ND	ug/L	--	VOA	9936F007	
IR-07	IR07MW23A	CADMIUM	0.9 ND	ug/L	93	DMETAL	9936F007	
IR-07	IR07MW23A	CALCIUM	87,900	ug/L	--	DMETAL	9936F007	
IR-07	IR07MW23A	CARBON DISULFIDE	10 ND	ug/L	--	VOA	9936F007	
IR-07	IR07MW23A	CARBON TETRACHLORIDE	10 ND	ug/L	--	VOA	9936F007	
IR-07	IR07MW23A	CHLOROBENZENE	10 ND	ug/L	--	VOA	9936F007	
IR-07	IR07MW23A	CHLOROETHANE	10 ND	ug/L	--	VOA	9936F007	
IR-07	IR07MW23A	CHLOROFORM	10 ND	ug/L	--	VOA	9936F007	
IR-07	IR07MW23A	CHLOROMETHANE	10 ND	ug/L	--	VOA	9936F007	
IR-07	IR07MW23A	CHROMIUM	3.3	ug/L	157	DMETAL	9936F007	
IR-07	IR07MW23A	CHROMIUM VI	10	ug/L	--	CHROM	9936F007	
IR-07	IR07MW23A	CIS-1,3-DICHLOROPROPENE	10 ND	ug/L	--	VOA	9936F007	
IR-07	IR07MW23A	COBALT	7.7	ug/L	208	DMETAL	9936F007	
IR-07	IR07MW23A	COPPER	2.9 ND	ug/L	280	DMETAL	9936F007	
IR-07	IR07MW23A	DIBROMOCHLOROMETHANE	10 ND	ug/L	--	VOA	9936F007	
IR-07	IR07MW23A	ETHYLBENZENE	10 ND	ug/L	--	VOA	9936F007	
IR-07	IR07MW23A	GASOLINE RANGE ORGANICS	50 ND	ug/L	1,250	TPHPRG	9936F007	
IR-07	IR07MW23A	IRON	379	ug/L	--	DMETAL	9936F007	
IR-07	IR07MW23A	LEAD	0.8 ND	ug/L	144	DMETAL	9936F007	
IR-07	IR07MW23A	MAGNESIUM	107,000	ug/L	--	DMETAL	9936F007	
IR-07	IR07MW23A	MANGANESE	2,070	ug/L	81,400	DMETAL	9936F007	
IR-07	IR07MW23A	MERCURY	0.1 ND	ug/L	6	DMETAL	9936F007	
IR-07	IR07MW23A	METHYLENE CHLORIDE	10 ND	ug/L	--	VOA	9936F007	
IR-07	IR07MW23A	MOLYBDENUM	1.6	ug/L	--	DMETAL	9936F007	
IR-07	IR07MW23A	MOTOR OIL RANGE ORGANICS	200	ug/L	--	TPHEXT	9936F007	
IR-07	IR07MW23A	NICKEL	40.3	ug/L	965	DMETAL	9936F007	
IR-07	IR07MW23A	POTASSIUM	12,200	ug/L	--	DMETAL	9936F007	
IR-07	IR07MW23A	PROPANE, 2-METHOXY-2-METHYL-	5 ND	ug/L	--	VOA	9936F007	
IR-07	IR07MW23A	SELENIUM	2.9 ND	ug/L	--	DMETAL	9936F007	
IR-07	IR07MW23A	SILVER	1.5 ND	ug/L	74.3	DMETAL	9936F007	
IR-07	IR07MW23A	SODIUM	116,000	ug/L	--	DMETAL	9936F007	
IR-07	IR07MW23A	STYRENE	10 ND	ug/L	--	VOA	9936F007	
IR-07	IR07MW23A	TETRACHLOROETHENE	10 ND	ug/L	--	VOA	9936F007	
IR-07	IR07MW23A	THALLIUM	7.4 ND	ug/L	130	DMETAL	9936F007	
IR-07	IR07MW23A	TOLUENE	10 ND	ug/L	--	VOA	9936F007	
IR-07	IR07MW23A	TPH-EXTRACTABLE UNKNOWN HYDROCARBON	100 ND	ug/L	--	TPHEXT	9936F007	
IR-07	IR07MW23A	TRANS-1,3-DICHLOROPROPENE	10 ND	ug/L	--	VOA	9936F007	
IR-07	IR07MW23A	TRICHLOROETHENE	10 ND	ug/L	2,000	VOA	9936F007	
IR-07	IR07MW23A	VANADIUM	2.5 ND	ug/L	--	DMETAL	9936F007	
IR-07	IR07MW23A	VINYL CHLORIDE	10 ND	ug/L	550	VOA	9936F007	
IR-07	IR07MW23A	XYLENE (TOTAL)	10 ND	ug/L	--	VOA	9936F007	
IR-07	IR07MW23A	ZINC	16.4 ND	ug/L	810	DMETAL	9936F007	
IR-07	**IR07MW24A**	**POST-REMEDIAL-ACTION MONITORING WELL**						
IR-07	IR07MW24A	1,1,1-TRICHLOROETHANE	10 ND	ug/L	--	VOA	9936F008	
IR-07	IR07MW24A	1,1,2,2-TETRACHLOROETHANE	10 ND	ug/L	--	VOA	9936F008	
IR-07	IR07MW24A	1,1,2-TRICHLOROETHANE	10 ND	ug/L	--	VOA	9936F008	

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IR Site	Monitoring Well ID	Analyte	Analytical Result (ug/L)	Units	Trigger Level (ug/L)	Analytical Group	Sample Number	Associated Sample Number
IR-07	IR07MW24A	1,1-DICHLOROETHANE	10 ND	ug/L	--	VOA	9936F008	
IR-07	IR07MW24A	1,1-DICHLOROETHENE	10 ND	ug/L	--	VOA	9936F008	
IR-07	IR07MW24A	1,2-DICHLOROETHANE	10 ND	ug/L	--	VOA	9936F008	
IR-07	IR07MW24A	1,2-DICHLOROETHENE (TOTAL)	10 ND	ug/L	22,400	VOA	9936F008	
IR-07	IR07MW24A	1,2-DICHLOROPROPANE	10 ND	ug/L	--	VOA	9936F008	
IR-07	IR07MW24A	2-BUTANONE	10 ND	ug/L	--	VOA	9936F008	
IR-07	IR07MW24A	2-HEXANONE	10 ND	ug/L	--	VOA	9936F008	
IR-07	IR07MW24A	4-METHYL-2-PENTANONE	10 ND	ug/L	--	VOA	9936F008	
IR-07	IR07MW24A	ACETONE	10 ND	ug/L	--	VOA	9936F008	
IR-07	IR07MW24A	ALUMINUM	20 ND	ug/L	--	DMETAL	9936F008	
IR-07	IR07MW24A	ANTIMONY	3.7 ND	ug/L	500	DMETAL	9936F008	
IR-07	IR07MW24A	ARSENIC	5.2 ND	ug/L	36	DMETAL	9936F008	
IR-07	IR07MW24A	BARIUM	132	ug/L	504	DMETAL	9936F008	
IR-07	IR07MW24A	BENZENE	10 ND	ug/L	--	VOA	9936F008	
IR-07	IR07MW24A	BERYLLIUM	0.4 ND	ug/L	1.4	DMETAL	9936F008	
IR-07	IR07MW24A	BROMODICHLOROMETHANE	10 ND	ug/L	--	VOA	9936F008	
IR-07	IR07MW24A	BROMOFORM	10 ND	ug/L	--	VOA	9936F008	
IR-07	IR07MW24A	BROMOMETHANE	10 ND	ug/L	--	VOA	9936F008	
IR-07	IR07MW24A	CADMIUM	0.9 ND	ug/L	9.3	DMETAL	9936F008	
IR-07	IR07MW24A	CALCIUM	112,000	ug/L	--	DMETAL	9936F008	
IR-07	IR07MW24A	CARBON DISULFIDE	10 ND	ug/L	--	VOA	9936F008	
IR-07	IR07MW24A	CARBON TETRACHLORIDE	10 ND	ug/L	--	VOA	9936F008	
IR-07	IR07MW24A	CHLOROBENZENE	10 ND	ug/L	--	VOA	9936F008	
IR-07	IR07MW24A	CHLOROETHANE	10 ND	ug/L	--	VOA	9936F008	
IR-07	IR07MW24A	CHLOROFORM	10 ND	ug/L	--	VOA	9936F008	
IR-07	IR07MW24A	CHLOROMETHANE	10 ND	ug/L	--	VOA	9936F008	
IR-07	IR07MW24A	CHROMIUM	1.1	ug/L	15.7	DMETAL	9936F008	
IR-07	IR07MW24A	CHROMIUM VI	10	ug/L	--	CHROM	9936F008	
IR-07	IR07MW24A	CIS-1,3-DICHLOROPROPENE	10 ND	ug/L	--	VOA	9936F008	
IR-07	IR07MW24A	COBALT	5.9	ug/L	20.8	DMETAL	9936F008	
IR-07	IR07MW24A	COPPER	2.9 ND	ug/L	28	DMETAL	9936F008	
IR-07	IR07MW24A	DIBROMOCHLOROMETHANE	10 ND	ug/L	--	VOA	9936F008	
IR-07	IR07MW24A	ETHYLBENZENE	10 ND	ug/L	--	VOA	9936F008	
IR-07	IR07MW24A	GASOLINE RANGE ORGANICS	50 ND	ug/L	1,250	TPHPRG	9936F008	
IR-07	IR07MW24A	IRON	161 ND	ug/L	--	DMETAL	9936F008	
IR-07	IR07MW24A	LEAD	0.8 ND	ug/L	14.4	DMETAL	9936F008	
IR-07	IR07MW24A	MAGNESIUM	91,000	ug/L	--	DMETAL	9936F008	
IR-07	IR07MW24A	MANGANESE	1,770	ug/L	8,140	DMETAL	9936F008	
IR-07	IR07MW24A	MERCURY	0.1 ND	ug/L	0.6	DMETAL	9936F008	
IR-07	IR07MW24A	METHYLENE CHLORIDE	10 ND	ug/L	--	VOA	9936F008	
IR-07	IR07MW24A	MOLYBDENUM	2.2	ug/L	--	DMETAL	9936F008	
IR-07	IR07MW24A	MOTOR OIL RANGE ORGANICS	100	ug/L	--	TPHEXT	9936F008	
IR-07	IR07MW24A	NICKEL	39	ug/L	96.5	DMETAL	9936F008	
IR-07	IR07MW24A	POTASSIUM	18,600	ug/L	--	DMETAL	9936F008	
IR-07	IR07MW24A	PROPANE, 2-METHOXY-2-METHYL-	5 ND	ug/L	--	VOA	9936F008	
IR-07	IR07MW24A	SELENIUM	2.9 ND	ug/L	--	DMETAL	9936F008	
IR-07	IR07MW24A	SILVER	1.5 ND	ug/L	7.43	DMETAL	9936F008	
IR-07	IR07MW24A	SODIUM	192,000	ug/L	--	DMETAL	9936F008	
IR-07	IR07MW24A	STYRENE	10 ND	ug/L	--	VOA	9936F008	
IR-07	IR07MW24A	TETRACHLOROETHENE	10 ND	ug/L	--	VOA	9936F008	
IR-07	IR07MW24A	THALLIUM	4.6 ND	ug/L	13	DMETAL	9936F008	

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IR Site	Monitoring Well ID	Analyte	Analytical Result (ug/L)	Units	Trigger Level (ug/L)	Analytical Group	Sample Number	Associated Sample Number
IR-07	IR07MW24A	TOLUENE	10 ND	ug/L	--	VOA	9936F008	
IR-07	IR07MW24A	TPH-EXTRACTABLE UNKNOWN HYDROCARBON	100 ND	ug/L	--	TPHEXT	9936F008	
IR-07	IR07MW24A	TRANS-1,3-DICHLOROPROPENE	10 ND	ug/L	--	VOA	9936F008	
IR-07	IR07MW24A	TRICHLOROETHENE	10 ND	ug/L	200	VOA	9936F008	
IR-07	IR07MW24A	VANADIUM	2.5 ND	ug/L	--	DMETAL	9936F008	
IR-07	IR07MW24A	VINYL CHLORIDE	10 ND	ug/L	55	VOA	9936F008	
IR-07	IR07MW24A	XYLENE (TOTAL)	10 ND	ug/L	--	VOA	9936F008	
IR-07	IR07MW24A	ZINC	3.8 ND	ug/L	81	DMETAL	9936F008	
IR-07	**IR07MW25A**	**POST-REMEDIAL-ACTION MONITORING WELL**						
IR-07	IR07MW25A	1,1,1-TRICHLOROETHANE	10 ND	ug/L	--	VOA	9936M003	
IR-07	IR07MW25A	1,1,2,2-TETRACHLOROETHANE	10 ND	ug/L	--	VOA	9936M003	
IR-07	IR07MW25A	1,1,2-TRICHLOROETHANE	10 ND	ug/L	--	VOA	9936M003	
IR-07	IR07MW25A	1,1-DICHLOROETHANE	10 ND	ug/L	--	VOA	9936M003	
IR-07	IR07MW25A	1,1-DICHLOROETHENE	10 ND	ug/L	--	VOA	9936M003	
IR-07	IR07MW25A	1,2-DICHLOROETHANE	10 ND	ug/L	--	VOA	9936M003	
IR-07	IR07MW25A	1,2-DICHLOROETHENE (TOTAL)	10 ND	ug/L	22,400	VOA	9936M003	
IR-07	IR07MW25A	1,2-DICHLOROPROPANE	10 ND	ug/L	--	VOA	9936M003	
IR-07	IR07MW25A	2-BUTANONE	10 ND	ug/L	--	VOA	9936M003	
IR-07	IR07MW25A	2-HEXANONE	10 ND	ug/L	--	VOA	9936M003	
IR-07	IR07MW25A	4-METHYL-2-PENTANONE	10 ND	ug/L	--	VOA	9936M003	
IR-07	IR07MW25A	ACETONE	10 ND	ug/L	--	VOA	9936M003	
IR-07	IR07MW25A	ALUMINUM	27.1 ND	ug/L	--	DMETAL	9936M003	
IR-07	IR07MW25A	ANTIMONY	3.7 ND	ug/L	500	DMETAL	9936M003	
IR-07	IR07MW25A	ARSENIC	5.2 ND	ug/L	36	DMETAL	9936M003	
IR-07	IR07MW25A	BARIUM	165	ug/L	504	DMETAL	9936M003	
IR-07	IR07MW25A	BENZENE	10 ND	ug/L	--	VOA	9936M003	
IR-07	IR07MW25A	BERYLLIUM	0.4 ND	ug/L	1.4	DMETAL	9936M003	
IR-07	IR07MW25A	BROMODICHLOROMETHANE	10 ND	ug/L	--	VOA	9936M003	
IR-07	IR07MW25A	BROMOFORM	10 ND	ug/L	--	VOA	9936M003	
IR-07	IR07MW25A	BROMOMETHANE	10 ND	ug/L	--	VOA	9936M003	
IR-07	IR07MW25A	CADMIUM	0.9 ND	ug/L	9.3	DMETAL	9936M003	
IR-07	IR07MW25A	CALCIUM	153,000	ug/L	--	DMETAL	9936M003	
IR-07	IR07MW25A	CARBON DISULFIDE	10 ND	ug/L	--	VOA	9936M003	
IR-07	IR07MW25A	CARBON TETRACHLORIDE	10 ND	ug/L	--	VOA	9936M003	
IR-07	IR07MW25A	CHLOROBENZENE	10 ND	ug/L	--	VOA	9936M003	
IR-07	IR07MW25A	CHLOROETHANE	10 ND	ug/L	--	VOA	9936M003	
IR-07	IR07MW25A	CHLOROFORM	10 ND	ug/L	--	VOA	9936M003	
IR-07	IR07MW25A	CHLOROMETHANE	10 ND	ug/L	--	VOA	9936M003	
IR-07	IR07MW25A	CHROMIUM	0.8 ND	ug/L	15.7	DMETAL	9936M003	
IR-07	IR07MW25A	CHROMIUM VI	10	ug/L	--	CHROM	9936M003	
IR-07	IR07MW25A	CIS-1,3-DICHLOROPROPENE	10 ND	ug/L	--	VOA	9936M003	
IR-07	IR07MW25A	COBALT	2.5 ND	ug/L	20.8	DMETAL	9936M003	
IR-07	IR07MW25A	COPPER	2.9 ND	ug/L	28	DMETAL	9936M003	
IR-07	IR07MW25A	DIBROMOCHLOROMETHANE	10 ND	ug/L	--	VOA	9936M003	
IR-07	IR07MW25A	ETHYLBENZENE	10 ND	ug/L	--	VOA	9936M003	
IR-07	IR07MW25A	GASOLINE RANGE ORGANICS	50 ND	ug/L	1,250	TPHPRG	9936M003	
IR-07	IR07MW25A	IRON	903	ug/L	--	DMETAL	9936M003	
IR-07	IR07MW25A	LEAD	0.8 ND	ug/L	14.4	DMETAL	9936M003	
IR-07	IR07MW25A	MAGNESIUM	80,600	ug/L	--	DMETAL	9936M003	
IR-07	IR07MW25A	MANGANESE	656	ug/L	8,140	DMETAL	9936M003	
IR-07	IR07MW25A	MERCURY	0.1 ND	ug/L	0.6	DMETAL	9936M003	

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IR Site	Monitoring Well ID	Analyte	Analytical Result (ug/L)	Units	Trigger Level (ug/L)	Analytical Group	Sample Number	Associated Sample Number
IR-07	IR07MW25A	METHYLENE CHLORIDE	10 ND	ug/L	--	VOA	9936M003	
IR-07	IR07MW25A	MOLYBDENUM	2.8	ug/L	--	DMETAL	9936M003	
IR-07	IR07MW25A	MOTOR OIL RANGE ORGANICS	300	ug/L	--	TPHEXT	9936M003	
IR-07	IR07MW25A	NICKEL	4 ND	ug/L	96.5	DMETAL	9936M003	
IR-07	IR07MW25A	POTASSIUM	31,200	ug/L	--	DMETAL	9936M003	
IR-07	IR07MW25A	PROPANE, 2-METHOXY-2-METHYL-	5 ND	ug/L	--	VOA	9936M003	
IR-07	IR07MW25A	SELENIUM	2.9 ND	ug/L	--	DMETAL	9936M003	
IR-07	IR07MW25A	SILVER	1.5 ND	ug/L	7.43	DMETAL	9936M003	
IR-07	IR07MW25A	SODIUM	373,000	ug/L	--	DMETAL	9936M003	
IR-07	IR07MW25A	STYRENE	10 ND	ug/L	--	VOA	9936M003	
IR-07	IR07MW25A	TETRACHLOROETHENE	10 ND	ug/L	--	VOA	9936M003	
IR-07	IR07MW25A	THALLIUM	4.5 ND	ug/L	13	DMETAL	9936M003	
IR-07	IR07MW25A	TOLUENE	10 ND	ug/L	--	VOA	9936M003	
IR-07	IR07MW25A	TPH-EXTRACTABLE UNKNOWN HYDROCARBON	100 ND	ug/L	--	TPHEXT	9936M003	
IR-07	IR07MW25A	TRANS-1,3-DICHLOROPROPENE	10 ND	ug/L	--	VOA	9936M003	
IR-07	IR07MW25A	TRICHLOROETHENE	10 ND	ug/L	200	VOA	9936M003	
IR-07	IR07MW25A	VANADIUM	2.5 ND	ug/L	--	DMETAL	9936M003	
IR-07	IR07MW25A	VINYL CHLORIDE	10 ND	ug/L	55	VOA	9936M003	
IR-07	IR07MW25A	XYLENE (TOTAL)	10 ND	ug/L	--	VOA	9936M003	
IR-07	IR07MW25A	ZINC	3 ND	ug/L	81	DMETAL	9936M003	
IR-07	**IR07MW26A**	**POST-REMEDIAL-ACTION MONITORING WELL**						
IR-07	IR07MW26A	1,1,1-TRICHLOROETHANE	10 ND	ug/L	--	VOA	9936M005	
IR-07	IR07MW26A	1,1,2,2-TETRACHLOROETHANE	10 ND	ug/L	--	VOA	9936M005	
IR-07	IR07MW26A	1,1,2-TRICHLOROETHANE	10 ND	ug/L	--	VOA	9936M005	
IR-07	IR07MW26A	1,1-DICHLOROETHANE	10 ND	ug/L	--	VOA	9936M005	
IR-07	IR07MW26A	1,1-DICHLOROETHENE	10 ND	ug/L	--	VOA	9936M005	
IR-07	IR07MW26A	1,2-DICHLOROETHANE	10 ND	ug/L	--	VOA	9936M005	
IR-07	IR07MW26A	1,2-DICHLOROETHENE (TOTAL)	10 ND	ug/L	22,400	VOA	9936M005	
IR-07	IR07MW26A	1,2-DICHLOROPROPANE	10 ND	ug/L	--	VOA	9936M005	
IR-07	IR07MW26A	2-BUTANONE	10 ND	ug/L	--	VOA	9936M005	
IR-07	IR07MW26A	2-HEXANONE	10 ND	ug/L	--	VOA	9936M005	
IR-07	IR07MW26A	4-METHYL-2-PENTANONE	10 ND	ug/L	--	VOA	9936M005	
IR-07	IR07MW26A	ACETONE	10 ND	ug/L	--	VOA	9936M005	
IR-07	IR07MW26A	ALUMINUM	20 ND	ug/L	--	DMETAL	9936M005	
IR-07	IR07MW26A	ANTIMONY	8.1 ND	ug/L	500	DMETAL	9936M005	
IR-07	IR07MW26A	ARSENIC	5.2 ND	ug/L	36	DMETAL	9936M005	
IR-07	IR07MW26A	BARIUM	237	ug/L	504	DMETAL	9936M005	
IR-07	IR07MW26A	BENZENE	10 ND	ug/L	--	VOA	9936M005	
IR-07	IR07MW26A	BERYLLIUM	0.69	ug/L	1.4	DMETAL	9936M005	
IR-07	IR07MW26A	BROMODICHLOROMETHANE	10 ND	ug/L	--	VOA	9936M005	
IR-07	IR07MW26A	BROMOFORM	10 ND	ug/L	--	VOA	9936M005	
IR-07	IR07MW26A	BROMOMETHANE	10 ND	ug/L	--	VOA	9936M005	
IR-07	IR07MW26A	CADMIUM	1.1	ug/L	9.3	DMETAL	9936M005	
IR-07	IR07MW26A	CALCIUM	346,000	ug/L	--	DMETAL	9936M005	
IR-07	IR07MW26A	CARBON DISULFIDE	10 ND	ug/L	--	VOA	9936M005	
IR-07	IR07MW26A	CARBON TETRACHLORIDE	10 ND	ug/L	--	VOA	9936M005	
IR-07	IR07MW26A	CHLOROBENZENE	10 ND	ug/L	--	VOA	9936M005	
IR-07	IR07MW26A	CHLOROETHANE	10 ND	ug/L	--	VOA	9936M005	
IR-07	IR07MW26A	CHLOROFORM	10 ND	ug/L	--	VOA	9936M005	
IR-07	IR07MW26A	CHLOROMETHANE	10 ND	ug/L	--	VOA	9936M005	
IR-07	IR07MW26A	CHROMIUM	8.9	ug/L	15.7	DMETAL	9936M005	

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IR Site	Monitoring Well ID	Analyte	Analytical Result (ug/L)	Units	Trigger Level (ug/L)	Analytical Group	Sample Number	Associated Sample Number
IR-07	IR07MW26A	CHROMIUM VI	10	ug/L	--	CHROM	9936M005	
IR-07	IR07MW26A	CIS-1,3-DICHLOROPROPENE	10 ND	ug/L	--	VOA	9936M005	
IR-07	IR07MW26A	COBALT	2.8	ug/L	20.8	DMETAL	9936M005	
IR-07	IR07MW26A	COPPER	2.9 ND	ug/L	28	DMETAL	9936M005	
IR-07	IR07MW26A	DIBROMOCHLOROMETHANE	10 ND	ug/L	--	VOA	9936M005	
IR-07	IR07MW26A	ETHYLBENZENE	10 ND	ug/L	--	VOA	9936M005	
IR-07	IR07MW26A	GASOLINE RANGE ORGANICS	50 ND	ug/L	1,250	TPHPRG	9936M005	
IR-07	IR07MW26A	IRON	186	ug/L	--	DMETAL	9936M005	
IR-07	IR07MW26A	LEAD	0.8 ND	ug/L	14.4	DMETAL	9936M005	
IR-07	IR07MW26A	MAGNESIUM	1,160,000	ug/L	--	DMETAL	9936M005	
IR-07	IR07MW26A	MANGANESE	56.2	ug/L	8,140	DMETAL	9936M005	
IR-07	IR07MW26A	MERCURY	0.1 ND	ug/L	0.6	DMETAL	9936M005	
IR-07	IR07MW26A	METHYLENE CHLORIDE	10 ND	ug/L	--	VOA	9936M005	
IR-07	IR07MW26A	MOLYBDENUM	3.6	ug/L	--	DMETAL	9936M005	
IR-07	IR07MW26A	MOTOR OIL RANGE ORGANICS	100 ND	ug/L	--	TPHEXT	9936M005	
IR-07	IR07MW26A	NICKEL	38.7	ug/L	96.5	DMETAL	9936M005	
IR-07	IR07MW26A	POTASSIUM	374,000	ug/L	--	DMETAL	9936M005	
IR-07	IR07MW26A	PROPANE, 2-METHOXY-2-METHYL-	5 ND	ug/L	--	VOA	9936M005	
IR-07	IR07MW26A	SELENIUM	3.9 ND	ug/L	--	DMETAL	9936M005	
IR-07	IR07MW26A	SILVER	2.5 ND	ug/L	7.43	DMETAL	9936M005	
IR-07	IR07MW26A	SODIUM	7,580,000	ug/L	--	DMETAL	9936M005	
IR-07	IR07MW26A	STYRENE	10 ND	ug/L	--	VOA	9936M005	
IR-07	IR07MW26A	TETRACHLOROETHENE	10 ND	ug/L	--	VOA	9936M005	
IR-07	IR07MW26A	THALLIUM	3 ND	ug/L	13	DMETAL	9936M005	
IR-07	IR07MW26A	TOLUENE	10 ND	ug/L	--	VOA	9936M005	
IR-07	IR07MW26A	TPH-EXTRACTABLE UNKNOWN HYDROCARBON	100 ND	ug/L	--	TPHEXT	9936M005	
IR-07	IR07MW26A	TRANS-1,3-DICHLOROPROPENE	10 ND	ug/L	--	VOA	9936M005	
IR-07	IR07MW26A	TRICHLOROETHENE	10 ND	ug/L	200	VOA	9936M005	
IR-07	IR07MW26A	VANADIUM	5.3	ug/L	--	DMETAL	9936M005	
IR-07	IR07MW26A	VINYL CHLORIDE	10 ND	ug/L	55	VOA	9936M005	
IR-07	IR07MW26A	XYLENE (TOTAL)	10 ND	ug/L	--	VOA	9936M005	
IR-07	IR07MW26A	ZINC	5.3 ND	ug/L	81	DMETAL	9936M005	
IR-07	**IR07MW27A**	**SENTINEL MONITORING WELL**						
IR-07	IR07MW27A	1,1,1-TRICHLOROETHANE	10 ND	ug/L	--	VOA	9936M004	
IR-07	IR07MW27A	1,1,2,2-TETRACHLOROETHANE	10 ND	ug/L	--	VOA	9936M004	
IR-07	IR07MW27A	1,1,2-TRICHLOROETHANE	10 ND	ug/L	--	VOA	9936M004	
IR-07	IR07MW27A	1,1-DICHLOROETHANE	10 ND	ug/L	--	VOA	9936M004	
IR-07	IR07MW27A	1,1-DICHLOROETHENE	10 ND	ug/L	--	VOA	9936M004	
IR-07	IR07MW27A	1,2-DICHLOROETHANE	10 ND	ug/L	--	VOA	9936M004	
IR-07	IR07MW27A	1,2-DICHLOROETHENE (TOTAL)	10 ND	ug/L	224,000	VOA	9936M004	
IR-07	IR07MW27A	1,2-DICHLOROPROPANE	10 ND	ug/L	--	VOA	9936M004	
IR-07	IR07MW27A	2-BUTANONE	10 ND	ug/L	--	VOA	9936M004	
IR-07	IR07MW27A	2-HEXANONE	10 ND	ug/L	--	VOA	9936M004	
IR-07	IR07MW27A	4-METHYL-2-PENTANONE	10 ND	ug/L	--	VOA	9936M004	
IR-07	IR07MW27A	ACETONE	10 ND	ug/L	--	VOA	9936M004	
IR-07	IR07MW27A	ALUMINUM	61.1 ND	ug/L	--	DMETAL	9936M004	
IR-07	IR07MW27A	ANTIMONY	5.9 ND	ug/L	5,000	DMETAL	9936M004	
IR-07	IR07MW27A	ARSENIC	25	ug/L	360	DMETAL	9936M004	
IR-07	IR07MW27A	BARIUM	29.5	ug/L	5,040	DMETAL	9936M004	
IR-07	IR07MW27A	BENZENE	10 ND	ug/L	--	VOA	9936M004	
IR-07	IR07MW27A	BERYLLIUM	0.4 ND	ug/L	14	DMETAL	9936M004	

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IR Site	Monitoring Well ID	Analyte	Analytical Result (ug/L)	Units	Trigger Level (ug/L)	Analytical Group	Sample Number	Associated Sample Number
IR-07	IR07MW27A	BROMODICHLOROMETHANE	10 ND	ug/L	--	VOA	9936M004	
IR-07	IR07MW27A	BROMOFORM	10 ND	ug/L	--	VOA	9936M004	
IR-07	IR07MW27A	BROMOMETHANE	10 ND	ug/L	--	VOA	9936M004	
IR-07	IR07MW27A	CADMIUM	0.9 ND	ug/L	93	DMETAL	9936M004	
IR-07	IR07MW27A	CALCIUM	23,500	ug/L	--	DMETAL	9936M004	
IR-07	IR07MW27A	CARBON DISULFIDE	10 ND	ug/L	--	VOA	9936M004	
IR-07	IR07MW27A	CARBON TETRACHLORIDE	10 ND	ug/L	--	VOA	9936M004	
IR-07	IR07MW27A	CHLOROBENZENE	10 ND	ug/L	--	VOA	9936M004	
IR-07	IR07MW27A	CHLOROETHANE	10 ND	ug/L	--	VOA	9936M004	
IR-07	IR07MW27A	CHLOROFORM	10 ND	ug/L	--	VOA	9936M004	
IR-07	IR07MW27A	CHLOROMETHANE	10 ND	ug/L	--	VOA	9936M004	
IR-07	IR07MW27A	CHROMIUM	1.5	ug/L	157	DMETAL	9936M004	
IR-07	IR07MW27A	CHROMIUM VI	10	ug/L	--	CHROM	9936M004	
IR-07	IR07MW27A	CIS-1,3-DICHLOROPROPENE	10 ND	ug/L	--	VOA	9936M004	
IR-07	IR07MW27A	COBALT	2.5 ND	ug/L	208	DMETAL	9936M004	
IR-07	IR07MW27A	COPPER	8.6	ug/L	280	DMETAL	9936M004	
IR-07	IR07MW27A	DIBROMOCHLOROMETHANE	10 ND	ug/L	--	VOA	9936M004	
IR-07	IR07MW27A	ETHYLBENZENE	10 ND	ug/L	--	VOA	9936M004	
IR-07	IR07MW27A	GASOLINE RANGE ORGANICS	50 ND	ug/L	1,250	TPHPRG	9936M004	
IR-07	IR07MW27A	IRON	36.4 ND	ug/L	--	DMETAL	9936M004	
IR-07	IR07MW27A	LEAD	0.8 ND	ug/L	144	DMETAL	9936M004	
IR-07	IR07MW27A	MAGNESIUM	41,300	ug/L	--	DMETAL	9936M004	
IR-07	IR07MW27A	MANGANESE	121	ug/L	81,400	DMETAL	9936M004	
IR-07	IR07MW27A	MERCURY	0.1 ND	ug/L	6	DMETAL	9936M004	
IR-07	IR07MW27A	METHYLENE CHLORIDE	10 ND	ug/L	--	VOA	9936M004	
IR-07	IR07MW27A	MOLYBDENUM	3.2	ug/L	--	DMETAL	9936M004	
IR-07	IR07MW27A	MOTOR OIL RANGE ORGANICS	100 ND	ug/L	--	TPHEXT	9936M004	
IR-07	IR07MW27A	NICKEL	5	ug/L	965	DMETAL	9936M004	
IR-07	IR07MW27A	POTASSIUM	10,900	ug/L	--	DMETAL	9936M004	
IR-07	IR07MW27A	PROPANE, 2-METHOXY-2-METHYL-	5 ND	ug/L	--	VOA	9936M004	
IR-07	IR07MW27A	SELENIUM	2.9 ND	ug/L	--	DMETAL	9936M004	
IR-07	IR07MW27A	SILVER	1.5 ND	ug/L	74.3	DMETAL	9936M004	
IR-07	IR07MW27A	SODIUM	255,000	ug/L	--	DMETAL	9936M004	
IR-07	IR07MW27A	STYRENE	10 ND	ug/L	--	VOA	9936M004	
IR-07	IR07MW27A	TETRACHLOROETHENE	10 ND	ug/L	--	VOA	9936M004	
IR-07	IR07MW27A	THALLIUM	3 ND	ug/L	130	DMETAL	9936M004	
IR-07	IR07MW27A	TOLUENE	10 ND	ug/L	--	VOA	9936M004	
IR-07	IR07MW27A	TPH-EXTRACTABLE UNKNOWN HYDROCARBON	100 ND	ug/L	--	TPHEXT	9936M004	
IR-07	IR07MW27A	TRANS-1,3-DICHLOROPROPENE	10 ND	ug/L	--	VOA	9936M004	
IR-07	IR07MW27A	TRICHLOROETHENE	10 ND	ug/L	2,000	VOA	9936M004	
IR-07	IR07MW27A	VANADIUM	12.8	ug/L	--	DMETAL	9936M004	
IR-07	IR07MW27A	VINYL CHLORIDE	10 ND	ug/L	550	VOA	9936M004	
IR-07	IR07MW27A	XYLENE (TOTAL)	10 ND	ug/L	--	VOA	9936M004	
IR-07	IR07MW27A	ZINC	8.1 ND	ug/L	810	DMETAL	9936M004	
IR-07	**IR07MW28A**	**ON/OFF-SITE MIGRATION MONITORING WELL**						
IR-07	IR07MW28A	1,1,1-TRICHLOROETHANE	10 ND	ug/L	--	VOA	9936M002	
IR-07	IR07MW28A	1,1,2,2-TETRACHLOROETHANE	10 ND	ug/L	--	VOA	9936M002	
IR-07	IR07MW28A	1,1,2-TRICHLOROETHANE	10 ND	ug/L	--	VOA	9936M002	
IR-07	IR07MW28A	1,1-DICHLOROETHANE	10 ND	ug/L	--	VOA	9936M002	
IR-07	IR07MW28A	1,1-DICHLOROETHENE	10 ND	ug/L	--	VOA	9936M002	
IR-07	IR07MW28A	1,2,4-TRICHLOROBENZENE	10 ND	ug/L	--	SVOA	9936M002	

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IR Site	Monitoring Well ID	Analyte	Analytical Result (ug/L)	Units	Trigger Level (ug/L)	Analytical Group	Sample Number	Associated Sample Number
IR-07	IR07MW28A	1,2-DICHLOROBENZENE	5 ND	ug/L	--	SVOA	9936M002	
IR-07	IR07MW28A	1,2-DICHLOROETHANE	10 ND	ug/L	--	VOA	9936M002	
IR-07	IR07MW28A	1,2-DICHLOROETHENE (TOTAL)	10 ND	ug/L	22,400	VOA	9936M002	
IR-07	IR07MW28A	1,2-DICHLOROPROPANE	10 ND	ug/L	--	VOA	9936M002	
IR-07	IR07MW28A	1,3-DICHLOROBENZENE	5 ND	ug/L	--	SVOA	9936M002	
IR-07	IR07MW28A	1,4-DICHLOROBENZENE	5 ND	ug/L	--	SVOA	9936M002	
IR-07	IR07MW28A	2,2'-OXYBIS(1-CHLOROPROPANE)	10 ND	ug/L	--	SVOA	9936M002	
IR-07	IR07MW28A	2,4,5-TRICHLOROPHENOL	10 ND	ug/L	--	SVOA	9936M002	
IR-07	IR07MW28A	2,4,6-TRICHLOROPHENOL	10 ND	ug/L	--	SVOA	9936M002	
IR-07	IR07MW28A	2,4-DICHLOROPHENOL	10 ND	ug/L	--	SVOA	9936M002	
IR-07	IR07MW28A	2,4-DIMETHYLPHENOL	10 ND	ug/L	--	SVOA	9936M002	
IR-07	IR07MW28A	2,4-DINITROPHENOL	10 ND	ug/L	--	SVOA	9936M002	
IR-07	IR07MW28A	2,4-DINITROTOLUENE	10 ND	ug/L	--	SVOA	9936M002	
IR-07	IR07MW28A	2,6-DINITROTOLUENE	10 ND	ug/L	--	SVOA	9936M002	
IR-07	IR07MW28A	2-BUTANONE	10 ND	ug/L	--	VOA	9936M002	
IR-07	IR07MW28A	2-CHLORONAPHTHALENE	10 ND	ug/L	300	SVOA	9936M002	
IR-07	IR07MW28A	2-CHLOROPHENOL	10 ND	ug/L	--	SVOA	9936M002	
IR-07	IR07MW28A	2-HEXANONE	10 ND	ug/L	--	VOA	9936M002	
IR-07	IR07MW28A	2-METHYLNAPHTHALENE	10 ND	ug/L	300	SVOA	9936M002	
IR-07	IR07MW28A	2-METHYLPHENOL	10 ND	ug/L	--	SVOA	9936M002	
IR-07	IR07MW28A	2-NITROANILINE	10 ND	ug/L	--	SVOA	9936M002	
IR-07	IR07MW28A	2-NITROPHENOL	10 ND	ug/L	--	SVOA	9936M002	
IR-07	IR07MW28A	3,3'-DICHLOROBENZIDINE	10 ND	ug/L	--	SVOA	9936M002	
IR-07	IR07MW28A	3-NITROANILINE	10 ND	ug/L	--	SVOA	9936M002	
IR-07	IR07MW28A	4,4'-DDD	0.06	ug/L	--	PEST	9936M002	
IR-07	IR07MW28A	4,4'-DDE	0.02 ND	ug/L	--	PEST	9936M002	
IR-07	IR07MW28A	4,4'-DDT	0.02 ND	ug/L	--	PEST	9936M002	
IR-07	IR07MW28A	4,6-DINITRO-2-METHYLPHENOL	10 ND	ug/L	--	SVOA	9936M002	
IR-07	IR07MW28A	4-BROMOPHENYL-PHENYLETHER	10 ND	ug/L	--	SVOA	9936M002	
IR-07	IR07MW28A	4-CHLORO-3-METHYLPHENOL	10 ND	ug/L	--	SVOA	9936M002	
IR-07	IR07MW28A	4-CHLOROANILINE	10 ND	ug/L	--	SVOA	9936M002	
IR-07	IR07MW28A	4-CHLOROPHENYL-PHENYLETHER	10 ND	ug/L	--	SVOA	9936M002	
IR-07	IR07MW28A	4-METHYL-2-PENTANONE	10 ND	ug/L	--	VOA	9936M002	
IR-07	IR07MW28A	4-METHYLPHENOL	10 ND	ug/L	--	SVOA	9936M002	
IR-07	IR07MW28A	4-NITROANILINE	10 ND	ug/L	--	SVOA	9936M002	
IR-07	IR07MW28A	4-NITROPHENOL	10 ND	ug/L	--	SVOA	9936M002	
IR-07	IR07MW28A	ACENAPHTHENE	10 ND	ug/L	300	SVOA	9936M002	
IR-07	IR07MW28A	ACENAPHTHYLENE	10 ND	ug/L	300	SVOA	9936M002	
IR-07	IR07MW28A	ACETONE	10 ND	ug/L	--	VOA	9936M002	
IR-07	IR07MW28A	ALDRIN	0.01 ND	ug/L	--	PEST	9936M002	
IR-07	IR07MW28A	ALPHA-BHC	0.01 ND	ug/L	--	PEST	9936M002	
IR-07	IR07MW28A	ALPHA-CHLORDANE	0.01 ND	ug/L	--	PEST	9936M002	
IR-07	IR07MW28A	ALUMINUM	20 ND	ug/L	--	DMETAL	9936M002	
IR-07	IR07MW28A	ANTHRACENE	10 ND	ug/L	300	SVOA	9936M002	
IR-07	IR07MW28A	ANTIMONY	4.3 ND	ug/L	500	DMETAL	9936M002	
IR-07	IR07MW28A	AROCLOR-1016	0.1 ND	ug/L	0.19	PEST	9936M002	
IR-07	IR07MW28A	AROCLOR-1221	0.2 ND	ug/L	0.19	PEST	9936M002	
IR-07	IR07MW28A	AROCLOR-1232	0.1 ND	ug/L	0.19	PEST	9936M002	
IR-07	IR07MW28A	AROCLOR-1242	0.1 ND	ug/L	0.19	PEST	9936M002	
IR-07	IR07MW28A	AROCLOR-1248	0.1 ND	ug/L	0.19	PEST	9936M002	
IR-07	IR07MW28A	AROCLOR-1254	0.1 ND	ug/L	0.19	PEST	9936M002	

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IR Site	Monitoring Well ID	Analyte	Analytical Result (ug/L)	Units	Trigger Level (ug/L)	Analytical Group	Sample Number	Associated Sample Number
IR-07	IR07MW28A	AROCLOR-1260	0.1 ND	ug/L	0.19	PEST	9936M002	
IR-07	IR07MW28A	ARSENIC	5.2 ND	ug/L	36	DMETAL	9936M002	
IR-07	IR07MW28A	BARIUM	120	ug/L	504	DMETAL	9936M002	
IR-07	IR07MW28A	BENZENE	10 ND	ug/L	--	VOA	9936M002	
IR-07	IR07MW28A	BENZO(A)ANTHRACENE	10 ND	ug/L	300	SVOA	9936M002	
IR-07	IR07MW28A	BENZO(A)PYRENE	10 ND	ug/L	300	SVOA	9936M002	
IR-07	IR07MW28A	BENZO(B)FLUORANTHENE	10 ND	ug/L	300	SVOA	9936M002	
IR-07	IR07MW28A	BENZO(G,H,I)PERYLENE	10 ND	ug/L	300	SVOA	9936M002	
IR-07	IR07MW28A	BENZO(K)FLUORANTHENE	10 ND	ug/L	300	SVOA	9936M002	
IR-07	IR07MW28A	BERYLLIUM	0.4 ND	ug/L	1.4	DMETAL	9936M002	
IR-07	IR07MW28A	BETA-BHC	0.01 ND	ug/L	--	PEST	9936M002	
IR-07	IR07MW28A	BIS(2-CHLOROETHOXY)METHANE	10 ND	ug/L	--	SVOA	9936M002	
IR-07	IR07MW28A	BIS(2-CHLOROETHYL)ETHER	10 ND	ug/L	--	SVOA	9936M002	
IR-07	IR07MW28A	BIS(2-ETHYLHEXYL)PHTHALATE	4 ND	ug/L	--	SVOA	9936M002	
IR-07	IR07MW28A	BROMODICHLOROMETHANE	10 ND	ug/L	--	VOA	9936M002	
IR-07	IR07MW28A	BROMOFORM	10 ND	ug/L	--	VOA	9936M002	
IR-07	IR07MW28A	BROMOMETHANE	10 ND	ug/L	--	VOA	9936M002	
IR-07	IR07MW28A	BUTYLBENZYLPHTHALATE	10 ND	ug/L	--	SVOA	9936M002	
IR-07	IR07MW28A	CADMIUM	0.9 ND	ug/L	9.3	DMETAL	9936M002	
IR-07	IR07MW28A	CALCIUM	169,000	ug/L	--	DMETAL	9936M002	
IR-07	IR07MW28A	CARBAZOLE	10 ND	ug/L	--	SVOA	9936M002	
IR-07	IR07MW28A	CARBON DISULFIDE	10 ND	ug/L	--	VOA	9936M002	
IR-07	IR07MW28A	CARBON TETRACHLORIDE	10 ND	ug/L	--	VOA	9936M002	
IR-07	IR07MW28A	CHLOROBENZENE	10 ND	ug/L	--	VOA	9936M002	
IR-07	IR07MW28A	CHLOROETHANE	10 ND	ug/L	--	VOA	9936M002	
IR-07	IR07MW28A	CHLOROFORM	10 ND	ug/L	--	VOA	9936M002	
IR-07	IR07MW28A	CHLOROMETHANE	10 ND	ug/L	--	VOA	9936M002	
IR-07	IR07MW28A	CHROMIUM	1.1	ug/L	15.7	DMETAL	9936M002	
IR-07	IR07MW28A	CHROMIUM VI	10	ug/L	--	CHROM	9936M002	
IR-07	IR07MW28A	CHRYSENE	10 ND	ug/L	300	SVOA	9936M002	
IR-07	IR07MW28A	CIS-1,3-DICHLOROPROPENE	10 ND	ug/L	--	VOA	9936M002	
IR-07	IR07MW28A	COBALT	2.5 ND	ug/L	20.8	DMETAL	9936M002	
IR-07	IR07MW28A	COPPER	2.9 ND	ug/L	28	DMETAL	9936M002	
IR-07	IR07MW28A	DELTA-BHC	0.005	ug/L	--	PEST	9936M002	
IR-07	IR07MW28A	DIBENZ(A,H)ANTHRACENE	10 ND	ug/L	300	SVOA	9936M002	
IR-07	IR07MW28A	DIBENZOFURAN	10 ND	ug/L	--	SVOA	9936M002	
IR-07	IR07MW28A	DIBROMOCHLOROMETHANE	10 ND	ug/L	--	VOA	9936M002	
IR-07	IR07MW28A	DIELDRIN	0.02 ND	ug/L	--	PEST	9936M002	
IR-07	IR07MW28A	DIETHYLPHTHALATE	10 ND	ug/L	--	SVOA	9936M002	
IR-07	IR07MW28A	DIMETHYLPHTHALATE	10 ND	ug/L	--	SVOA	9936M002	
IR-07	IR07MW28A	DI-N-BUTYLPHTHALATE	10 ND	ug/L	--	SVOA	9936M002	
IR-07	IR07MW28A	DI-N-OCTYLPHTHALATE	10 ND	ug/L	--	SVOA	9936M002	
IR-07	IR07MW28A	ENDOSULFAN I	0.01 ND	ug/L	--	PEST	9936M002	
IR-07	IR07MW28A	ENDOSULFAN II	0.02 ND	ug/L	--	PEST	9936M002	
IR-07	IR07MW28A	ENDOSULFAN SULFATE	0.02 ND	ug/L	--	PEST	9936M002	
IR-07	IR07MW28A	ENDRIN	0.02 ND	ug/L	--	PEST	9936M002	
IR-07	IR07MW28A	ENDRIN ALDEHYDE	0.02 ND	ug/L	--	PEST	9936M002	
IR-07	IR07MW28A	ENDRIN KETONE	0.02 ND	ug/L	--	PEST	9936M002	
IR-07	IR07MW28A	ETHYLBENZENE	10 ND	ug/L	--	VOA	9936M002	
IR-07	IR07MW28A	FLUORANTHENE	10 ND	ug/L	300	SVOA	9936M002	
IR-07	IR07MW28A	FLUORENE	10 ND	ug/L	300	SVOA	9936M002	

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IR Site	Monitoring Well ID	Analyte	Analytical Result (ug/L)	Units	Trigger Level (ug/L)	Analytical Group	Sample Number	Associated Sample Number
IR-07	IR07MW28A	GAMMA-BHC (LINDANE)	0.01 ND	ug/L	--	PEST	9936M002	
IR-07	IR07MW28A	GAMMA-CHLORDANE	0.01 ND	ug/L	--	PEST	9936M002	
IR-07	IR07MW28A	GASOLINE RANGE ORGANICS	50 ND	ug/L	1,250	TPHPRG	9936M002	
IR-07	IR07MW28A	HEPTACHLOR	0.002 ND	ug/L	--	PEST	9936M002	
IR-07	IR07MW28A	HEPTACHLOR EPOXIDE	0.002 ND	ug/L	--	PEST	9936M002	
IR-07	IR07MW28A	HEXACHLOROBENZENE	10 ND	ug/L	--	SVOA	9936M002	
IR-07	IR07MW28A	HEXACHLOROBUTADIENE	10 ND	ug/L	--	SVOA	9936M002	
IR-07	IR07MW28A	HEXACHLOROCYCLOPENTADIENE	10 ND	ug/L	--	SVOA	9936M002	
IR-07	IR07MW28A	HEXACHLOROETHANE	10 ND	ug/L	--	SVOA	9936M002	
IR-07	IR07MW28A	INDENO(1,2,3-CD)PYRENE	10 ND	ug/L	300	SVOA	9936M002	
IR-07	IR07MW28A	IRON	1,140	ug/L	--	DMETAL	9936M002	
IR-07	IR07MW28A	ISOPHORONE	10 ND	ug/L	--	SVOA	9936M002	
IR-07	IR07MW28A	LEAD	0.8 ND	ug/L	14.4	DMETAL	9936M002	
IR-07	IR07MW28A	MAGNESIUM	78,000	ug/L	--	DMETAL	9936M002	
IR-07	IR07MW28A	MANGANESE	992	ug/L	8,140	DMETAL	9936M002	
IR-07	IR07MW28A	MERCURY	0.1 ND	ug/L	0.6	DMETAL	9936M002	
IR-07	IR07MW28A	METHOXYCHLOR	0.1 ND	ug/L	--	PEST	9936M002	
IR-07	IR07MW28A	METHYLENE CHLORIDE	10 ND	ug/L	--	VOA	9936M002	
IR-07	IR07MW28A	MOLYBDENUM	2.5	ug/L	--	DMETAL	9936M002	
IR-07	IR07MW28A	MOTOR OIL RANGE ORGANICS	800	ug/L	--	TPHEXT	9936M002	
IR-07	IR07MW28A	NAPHTHALENE	10 ND	ug/L	300	SVOA	9936M002	
IR-07	IR07MW28A	NICKEL	4 ND	ug/L	96.5	DMETAL	9936M002	
IR-07	IR07MW28A	NITROBENZENE	10 ND	ug/L	--	SVOA	9936M002	
IR-07	IR07MW28A	N-NITROSO-DI-N-PROPYLAMINE	10 ND	ug/L	--	SVOA	9936M002	
IR-07	IR07MW28A	N-NITROSODIPHENYLAMINE	10 ND	ug/L	--	SVOA	9936M002	
IR-07	IR07MW28A	PENTACHLOROPHENOL	10 ND	ug/L	--	SVOA	9936M002	
IR-07	IR07MW28A	PHENANTHRENE	10 ND	ug/L	300	SVOA	9936M002	
IR-07	IR07MW28A	PHENOL	10 ND	ug/L	--	SVOA	9936M002	
IR-07	IR07MW28A	POTASSIUM	20,200	ug/L	--	DMETAL	9936M002	
IR-07	IR07MW28A	PROPANE, 2-METHOXY-2-METHYL-	5 ND	ug/L	--	VOA	9936M002	
IR-07	IR07MW28A	PYRENE	10 ND	ug/L	300	SVOA	9936M002	
IR-07	IR07MW28A	SELENIUM	2.9 ND	ug/L	--	DMETAL	9936M002	
IR-07	IR07MW28A	SILVER	1.5 ND	ug/L	7.43	DMETAL	9936M002	
IR-07	IR07MW28A	SODIUM	161,000	ug/L	--	DMETAL	9936M002	
IR-07	IR07MW28A	STYRENE	10 ND	ug/L	--	VOA	9936M002	
IR-07	IR07MW28A	TETRACHLOROETHENE	10 ND	ug/L	--	VOA	9936M002	
IR-07	IR07MW28A	THALLIUM	5.6 ND	ug/L	13	DMETAL	9936M002	
IR-07	IR07MW28A	TOLUENE	10 ND	ug/L	--	VOA	9936M002	
IR-07	IR07MW28A	TOXAPHENE	0.6 ND	ug/L	--	PEST	9936M002	
IR-07	IR07MW28A	TPH-EXTRACTABLE UNKNOWN HYDROCARBON	100 ND	ug/L	--	TPHEXT	9936M002	
IR-07	IR07MW28A	TRANS-1,3-DICHLOROPROPENE	10 ND	ug/L	--	VOA	9936M002	
IR-07	IR07MW28A	TRICHLOROETHENE	10 ND	ug/L	200	VOA	9936M002	
IR-07	IR07MW28A	VANADIUM	2.5 ND	ug/L	--	DMETAL	9936M002	
IR-07	IR07MW28A	VINYL CHLORIDE	10 ND	ug/L	55	VOA	9936M002	
IR-07	IR07MW28A	XYLENE (TOTAL)	10 ND	ug/L	--	VOA	9936M002	
IR-07	IR07MW28A	ZINC	3.6 ND	ug/L	81	DMETAL	9936M002	
IR-07	**IR07MWS-2**	**POINT-OF-COMPLIANCE MONITORING WELL**						
IR-07	IR07MWS-2	1,1,1-TRICHLOROETHANE	10 ND	ug/L	--	VOA	9936F010	
IR-07	IR07MWS-2	1,1,2,2-TETRACHLOROETHANE	10 ND	ug/L	--	VOA	9936F010	
IR-07	IR07MWS-2	1,1,2-TRICHLOROETHANE	10 ND	ug/L	--	VOA	9936F010	
IR-07	IR07MWS-2	1,1-DICHLOROETHANE	10 ND	ug/L	--	VOA	9936F010	

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IR Site	Monitoring Well ID	Analyte	Analytical Result (ug/L)	Units	Trigger Level (ug/L)	Analytical Group	Sample Number	Associated Sample Number
IR-07	IR07MWS-2	1,1-DICHLOROETHENE	10 ND	ug/L	--	VOA	9936F010	
IR-07	IR07MWS-2	1,2-DICHLOROETHANE	10 ND	ug/L	--	VOA	9936F010	
IR-07	IR07MWS-2	1,2-DICHLOROETHENE (TOTAL)	10 ND	ug/L	22,400	VOA	9936F010	
IR-07	IR07MWS-2	1,2-DICHLOROPROPANE	10 ND	ug/L	--	VOA	9936F010	
IR-07	IR07MWS-2	2-BUTANONE	10 ND	ug/L	--	VOA	9936F010	
IR-07	IR07MWS-2	2-HEXANONE	10 ND	ug/L	--	VOA	9936F010	
IR-07	IR07MWS-2	4-METHYL-2-PENTANONE	10 ND	ug/L	--	VOA	9936F010	
IR-07	IR07MWS-2	ACETONE	10 ND	ug/L	--	VOA	9936F010	
IR-07	IR07MWS-2	ALUMINUM	20 ND	ug/L	--	DMETAL	9936F010	
IR-07	IR07MWS-2	ANTIMONY	8.7 ND	ug/L	500	DMETAL	9936F010	
IR-07	IR07MWS-2	ARSENIC	5.2 ND	ug/L	36	DMETAL	9936F010	
IR-07	IR07MWS-2	BARIUM	101	ug/L	504	DMETAL	9936F010	
IR-07	IR07MWS-2	BENZENE	10 ND	ug/L	--	VOA	9936F010	
IR-07	IR07MWS-2	BERYLLIUM	0.69	ug/L	1.4	DMETAL	9936F010	
IR-07	IR07MWS-2	BROMODICHLOROMETHANE	10 ND	ug/L	--	VOA	9936F010	
IR-07	IR07MWS-2	BROMOFORM	10 ND	ug/L	--	VOA	9936F010	
IR-07	IR07MWS-2	BROMOMETHANE	10 ND	ug/L	--	VOA	9936F010	
IR-07	IR07MWS-2	CADMIUM	1.5	ug/L	9.3	DMETAL	9936F010	
IR-07	IR07MWS-2	CALCIUM	626,000	ug/L	--	DMETAL	9936F010	
IR-07	IR07MWS-2	CARBON DISULFIDE	10 ND	ug/L	--	VOA	9936F010	
IR-07	IR07MWS-2	CARBON TETRACHLORIDE	10 ND	ug/L	--	VOA	9936F010	
IR-07	IR07MWS-2	CHLOROBENZENE	10 ND	ug/L	--	VOA	9936F010	
IR-07	IR07MWS-2	CHLOROETHANE	10 ND	ug/L	--	VOA	9936F010	
IR-07	IR07MWS-2	CHLOROFORM	10 ND	ug/L	--	VOA	9936F010	
IR-07	IR07MWS-2	CHLOROMETHANE	10 ND	ug/L	--	VOA	9936F010	
IR-07	IR07MWS-2	CHROMIUM	1.4	ug/L	15.7	DMETAL	9936F010	
IR-07	IR07MWS-2	CHROMIUM VI	10	ug/L	--	CHROM	9936F010	
IR-07	IR07MWS-2	CIS-1,3-DICHLOROPROPENE	10 ND	ug/L	--	VOA	9936F010	
IR-07	IR07MWS-2	COBALT	16.2	ug/L	20.8	DMETAL	9936F010	
IR-07	IR07MWS-2	COPPER	6.2	ug/L	28	DMETAL	9936F010	
IR-07	IR07MWS-2	DIBROMOCHLOROMETHANE	10 ND	ug/L	--	VOA	9936F010	
IR-07	IR07MWS-2	ETHYLBENZENE	10 ND	ug/L	--	VOA	9936F010	
IR-07	IR07MWS-2	GASOLINE RANGE ORGANICS	50 ND	ug/L	1,250	TPHPRG	9936F010	
IR-07	IR07MWS-2	IRON	66.1 ND	ug/L	--	DMETAL	9936F010	
IR-07	IR07MWS-2	LEAD	0.8 ND	ug/L	14.4	DMETAL	9936F010	
IR-07	IR07MWS-2	MAGNESIUM	854,000	ug/L	--	DMETAL	9936F010	
IR-07	IR07MWS-2	MANGANESE	766	ug/L	8,140	DMETAL	9936F010	
IR-07	IR07MWS-2	MERCURY	0.1 ND	ug/L	0.6	DMETAL	9936F010	
IR-07	IR07MWS-2	METHYLENE CHLORIDE	10 ND	ug/L	--	VOA	9936F010	
IR-07	IR07MWS-2	MOLYBDENUM	12.5	ug/L	--	DMETAL	9936F010	
IR-07	IR07MWS-2	MOTOR OIL RANGE ORGANICS	100 ND	ug/L	--	TPHEXT	9936F010	
IR-07	IR07MWS-2	NICKEL	85.9	ug/L	96.5	DMETAL	9936F010	
IR-07	IR07MWS-2	POTASSIUM	232,000	ug/L	--	DMETAL	9936F010	
IR-07	IR07MWS-2	PROPANE, 2-METHOXY-2-METHYL-	5 ND	ug/L	--	VOA	9936F010	
IR-07	IR07MWS-2	SELENIUM	10.8 ND	ug/L	--	DMETAL	9936F010	
IR-07	IR07MWS-2	SILVER	2.5	ug/L	7.43	DMETAL	9936F010	
IR-07	IR07MWS-2	SODIUM	5,420,000	ug/L	--	DMETAL	9936F010	
IR-07	IR07MWS-2	STYRENE	10 ND	ug/L	--	VOA	9936F010	
IR-07	IR07MWS-2	TETRACHLOROETHENE	10 ND	ug/L	--	VOA	9936F010	
IR-07	IR07MWS-2	THALLIUM	6.6 ND	ug/L	13	DMETAL	9936F010	
IR-07	IR07MWS-2	TOLUENE	10 ND	ug/L	--	VOA	9936F010	

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IR-07	IR07MWS-2	TPH-EXTRACTABLE UNKNOWN HYDROCARBON	100 ND	ug/L	--	TPHEXT	9936F010	
IR-07	IR07MWS-2	TRANS-1,3-DICHLOROPROPENE	10 ND	ug/L	--	VOA	9936F010	
IR-07	IR07MWS-2	TRICHLOROETHENE	10 ND	ug/L	200	VOA	9936F010	
IR-07	IR07MWS-2	VANADIUM	2.5 ND	ug/L	--	DMETAL	9936F010	
IR-07	IR07MWS-2	VINYL CHLORIDE	10 ND	ug/L	55	VOA	9936F010	
IR-07	IR07MWS-2	XYLENE (TOTAL)	10 ND	ug/L	--	VOA	9936F010	
IR-07	IR07MWS-2	ZINC	3 ND	ug/L	81	DMETAL	9936F010	
IR-07	**IR07MWS-4**	**POINT-OF-COMPLIANCE MONITORING WELL**						
IR-07	IR07MWS-4	1,1,1-TRICHLOROETHANE	10 ND	ug/L	--	VOA	9936F003	
IR-07	IR07MWS-4	1,1,2,2-TETRACHLOROETHANE	10 ND	ug/L	--	VOA	9936F003	
IR-07	IR07MWS-4	1,1,2-TRICHLOROETHANE	10 ND	ug/L	--	VOA	9936F003	
IR-07	IR07MWS-4	1,1-DICHLOROETHANE	10 ND	ug/L	--	VOA	9936F003	
IR-07	IR07MWS-4	1,1-DICHLOROETHENE	10 ND	ug/L	--	VOA	9936F003	
IR-07	IR07MWS-4	1,2-DICHLOROETHANE	10 ND	ug/L	--	VOA	9936F003	
IR-07	IR07MWS-4	1,2-DICHLOROETHENE (TOTAL)	10 ND	ug/L	22,400	VOA	9936F003	
IR-07	IR07MWS-4	1,2-DICHLOROPROPANE	10 ND	ug/L	--	VOA	9936F003	
IR-07	IR07MWS-4	2-BUTANONE	10 ND	ug/L	--	VOA	9936F003	
IR-07	IR07MWS-4	2-HEXANONE	10 ND	ug/L	--	VOA	9936F003	
IR-07	IR07MWS-4	4-METHYL-2-PENTANONE	10 ND	ug/L	--	VOA	9936F003	
IR-07	IR07MWS-4	ACETONE	10 ND	ug/L	--	VOA	9936F003	
IR-07	IR07MWS-4	ALUMINUM	20 ND	ug/L	--	DMETAL	9936F003	
IR-07	IR07MWS-4	ALUMINUM	20 ND	ug/L	--	TMETAL	9936F003	
IR-07	IR07MWS-4	ANTIMONY	5.2 ND	ug/L	500	DMETAL	9936F003	
IR-07	IR07MWS-4	ANTIMONY	4 ND	ug/L	500	TMETAL	9936F003	
IR-07	IR07MWS-4	ARSENIC	5.2 ND	ug/L	36	DMETAL	9936F003	
IR-07	IR07MWS-4	ARSENIC	5.2 ND	ug/L	36	TMETAL	9936F003	
IR-07	IR07MWS-4	BARIUM	57.7	ug/L	504	DMETAL	9936F003	
IR-07	IR07MWS-4	BARIUM	58.4	ug/L	504	TMETAL	9936F003	
IR-07	IR07MWS-4	BENZENE	10 ND	ug/L	--	VOA	9936F003	
IR-07	IR07MWS-4	BERYLLIUM	0.49	ug/L	1.4	DMETAL	9936F003	
IR-07	IR07MWS-4	BERYLLIUM	0.59	ug/L	1.4	TMETAL	9936F003	
IR-07	IR07MWS-4	BROMODICHLOROMETHANE	10 ND	ug/L	--	VOA	9936F003	
IR-07	IR07MWS-4	BROMOFORM	10 ND	ug/L	--	VOA	9936F003	
IR-07	IR07MWS-4	BROMOMETHANE	10 ND	ug/L	--	VOA	9936F003	
IR-07	IR07MWS-4	CADMIUM	1.2	ug/L	9.3	DMETAL	9936F003	
IR-07	IR07MWS-4	CADMIUM	1.9	ug/L	9.3	TMETAL	9936F003	
IR-07	IR07MWS-4	CALCIUM	293,000	ug/L	--	DMETAL	9936F003	
IR-07	IR07MWS-4	CALCIUM	293,000	ug/L	--	TMETAL	9936F003	
IR-07	IR07MWS-4	CARBON DISULFIDE	10 ND	ug/L	--	VOA	9936F003	
IR-07	IR07MWS-4	CARBON TETRACHLORIDE	10 ND	ug/L	--	VOA	9936F003	
IR-07	IR07MWS-4	CHLOROBENZENE	10 ND	ug/L	--	VOA	9936F003	
IR-07	IR07MWS-4	CHLOROETHANE	10 ND	ug/L	--	VOA	9936F003	
IR-07	IR07MWS-4	CHLOROFORM	10 ND	ug/L	--	VOA	9936F003	
IR-07	IR07MWS-4	CHLOROMETHANE	10 ND	ug/L	--	VOA	9936F003	
IR-07	**IR07MWS-4**	**CHROMIUM**	**23.6**	**ug/L**	**15.7**	**DMETAL**	**9936F003**	
IR-07	**IR07MWS-4**	**CHROMIUM**	**24.5**	**ug/L**	**15.7**	**TMETAL**	**9936F003**	
IR-07	IR07MWS-4	CHROMIUM VI	20	ug/L	--	CHROM	9936F003	
IR-07	IR07MWS-4	CIS-1,3-DICHLOROPROPENE	10 ND	ug/L	--	VOA	9936F003	
IR-07	IR07MWS-4	COBALT	2.5 ND	ug/L	20.8	DMETAL	9936F003	
IR-07	IR07MWS-4	COBALT	2.5 ND	ug/L	20.8	TMETAL	9936F003	
IR-07	IR07MWS-4	COPPER	4	ug/L	28	DMETAL	9936F003	

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IR Site	Monitoring Well ID	Analyte	Analytical Result (ug/L)	Units	Trigger Level (ug/L)	Analytical Group	Sample Number	Associated Sample Number
IR-07	IR07MWS-4	COPPER	6.1	ug/L	28	TMETAL	9936F003	
IR-07	IR07MWS-4	DIBROMOCHLOROMETHANE	10 ND	ug/L	--	VOA	9936F003	
IR-07	IR07MWS-4	ETHYLBENZENE	10 ND	ug/L	--	VOA	9936F003	
IR-07	IR07MWS-4	GASOLINE RANGE ORGANICS	50 ND	ug/L	1,250	TPHPRG	9936F003	
IR-07	IR07MWS-4	IRON	57 ND	ug/L	--	DMETAL	9936F003	
IR-07	IR07MWS-4	IRON	124 ND	ug/L	--	TMETAL	9936F003	
IR-07	IR07MWS-4	LEAD	0.8 ND	ug/L	14.4	DMETAL	9936F003	
IR-07	IR07MWS-4	LEAD	0.8 ND	ug/L	14.4	TMETAL	9936F003	
IR-07	IR07MWS-4	MAGNESIUM	883,000	ug/L	--	DMETAL	9936F003	
IR-07	IR07MWS-4	MAGNESIUM	881,000	ug/L	--	TMETAL	9936F003	
IR-07	IR07MWS-4	MANGANESE	1.1 ND	ug/L	8,140	DMETAL	9936F003	
IR-07	IR07MWS-4	MANGANESE	1.1 ND	ug/L	8,140	TMETAL	9936F003	
IR-07	IR07MWS-4	MERCURY	0.1 ND	ug/L	0.6	DMETAL	9936F003	
IR-07	IR07MWS-4	MERCURY	0.1 ND	ug/L	0.6	TMETAL	9936F003	
IR-07	IR07MWS-4	METHYLENE CHLORIDE	10 ND	ug/L	--	VOA	9936F003	
IR-07	IR07MWS-4	MOLYBDENUM	2.7	ug/L	--	DMETAL	9936F003	
IR-07	IR07MWS-4	MOLYBDENUM	4.1	ug/L	--	TMETAL	9936F003	
IR-07	IR07MWS-4	MOTOR OIL RANGE ORGANICS	300	ug/L	--	TPHEXT	9936F003	
IR-07	IR07MWS-4	NICKEL	54.2	ug/L	96.5	DMETAL	9936F003	
IR-07	IR07MWS-4	NICKEL	55.2	ug/L	96.5	TMETAL	9936F003	
IR-07	IR07MWS-4	POTASSIUM	308,000	ug/L	--	DMETAL	9936F003	
IR-07	IR07MWS-4	POTASSIUM	302,000	ug/L	--	TMETAL	9936F003	
IR-07	IR07MWS-4	PROPANE, 2-METHOXY-2-METHYL-	5 ND	ug/L	--	VOA	9936F003	
IR-07	IR07MWS-4	SELENIUM	2.9 ND	ug/L	--	DMETAL	9936F003	
IR-07	IR07MWS-4	SELENIUM	3.7 ND	ug/L	--	TMETAL	9936F003	
IR-07	IR07MWS-4	SILVER	4.1	ug/L	7.43	DMETAL	9936F003	
IR-07	IR07MWS-4	SILVER	1.5 ND	ug/L	7.43	TMETAL	9936F003	
IR-07	IR07MWS-4	SODIUM	5,820,000	ug/L	--	DMETAL	9936F003	
IR-07	IR07MWS-4	SODIUM	5,580,000	ug/L	--	TMETAL	9936F003	
IR-07	IR07MWS-4	STYRENE	10 ND	ug/L	--	VOA	9936F003	
IR-07	IR07MWS-4	TETRACHLOROETHENE	10 ND	ug/L	--	VOA	9936F003	
IR-07	IR07MWS-4	THALLIUM	3 ND	ug/L	13	DMETAL	9936F003	
IR-07	IR07MWS-4	THALLIUM	3 ND	ug/L	13	TMETAL	9936F003	
IR-07	IR07MWS-4	TOLUENE	10 ND	ug/L	--	VOA	9936F003	
IR-07	IR07MWS-4	TPH-EXTRACTABLE UNKNOWN HYDROCARBON	100 ND	ug/L	--	TPHEXT	9936F003	
IR-07	IR07MWS-4	TRANS-1,3-DICHLOROPROPENE	10 ND	ug/L	--	VOA	9936F003	
IR-07	IR07MWS-4	TRICHLOROETHENE	10 ND	ug/L	200	VOA	9936F003	
IR-07	IR07MWS-4	VANADIUM	2.5 ND	ug/L	--	DMETAL	9936F003	
IR-07	IR07MWS-4	VANADIUM	2.5 ND	ug/L	--	TMETAL	9936F003	
IR-07	IR07MWS-4	VINYL CHLORIDE	10 ND	ug/L	55	VOA	9936F003	
IR-07	IR07MWS-4	XYLENE (TOTAL)	10 ND	ug/L	--	VOA	9936F003	
IR-07	IR07MWS-4	ZINC	6.4 ND	ug/L	81	DMETAL	9936F003	
IR-07	IR07MWS-4	ZINC	6.2 ND	ug/L	81	TMETAL	9936F003	
IR-10	**IR10MW28A**	**SENTINEL MONITORING WELL**						
IR-10	IR10MW28A	1,1,1-TRICHLOROETHANE	3 ND	ug/L	--	LVOA	9936M010	
IR-10	IR10MW28A	1,1,2,2-TETRACHLOROETHANE	3 ND	ug/L	--	LVOA	9936M010	
IR-10	IR10MW28A	1,1,2-TRICHLOROETHANE	3 ND	ug/L	--	LVOA	9936M010	
IR-10	IR10MW28A	1,1-DICHLOROETHANE	3 ND	ug/L	--	LVOA	9936M010	
IR-10	IR10MW28A	1,1-DICHLOROETHENE	3 ND	ug/L	--	LVOA	9936M010	
IR-10	IR10MW28A	1,2-DICHLOROETHANE	2 ND	ug/L	--	LVOA	9936M010	
IR-10	IR10MW28A	1,2-DICHLOROPROPANE	3 ND	ug/L	--	LVOA	9936M010	

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IR Site	Monitoring Well ID	Analyte	Analytical Result (ug/L)	Units	Trigger Level (ug/L)	Analytical Group	Sample Number	Associated Sample Number
IR-10	IR10MW28A	2-BUTANONE	16 ND	ug/L	--	LVOA	9936M010	
IR-10	IR10MW28A	2-HEXANONE	16 ND	ug/L	--	LVOA	9936M010	
IR-10	IR10MW28A	4-METHYL-2-PENTANONE	16 ND	ug/L	--	LVOA	9936M010	
IR-10	IR10MW28A	ACETONE	16 ND	ug/L	--	LVOA	9936M010	
IR-10	IR10MW28A	ALUMINUM	3,410	ug/L	--	DMETAL	9936M010A	
IR-10	IR10MW28A	ANTIMONY	5.2 ND	ug/L	5,000	DMETAL	9936M010A	
IR-10	IR10MW28A	ARSENIC	2.5 ND	ug/L	360	DMETAL	9936M010A	
IR-10	IR10MW28A	BARIUM	266	ug/L	5,040	DMETAL	9936M010A	
IR-10	IR10MW28A	BENZENE	2 ND	ug/L	--	LVOA	9936M010	
IR-10	IR10MW28A	BERYLLIUM	0.4 ND	ug/L	14	DMETAL	9936M010A	
IR-10	IR10MW28A	BROMODICHLOROMETHANE	3 ND	ug/L	--	LVOA	9936M010	
IR-10	IR10MW28A	BROMOFORM	3 ND	ug/L	--	LVOA	9936M010	
IR-10	IR10MW28A	BROMOMETHANE	3 ND	ug/L	--	LVOA	9936M010	
IR-10	IR10MW28A	CADMIUM	0.4 ND	ug/L	93	DMETAL	9936M010A	
IR-10	IR10MW28A	CALCIUM	83,800	ug/L	--	DMETAL	9936M010A	
IR-10	IR10MW28A	CARBON DISULFIDE	3 ND	ug/L	--	LVOA	9936M010	
IR-10	IR10MW28A	CARBON TETRACHLORIDE	2 ND	ug/L	--	LVOA	9936M010	
IR-10	IR10MW28A	CHLOROBENZENE	3 ND	ug/L	--	LVOA	9936M010	
IR-10	IR10MW28A	CHLOROETHANE	3 ND	ug/L	--	LVOA	9936M010	
IR-10	IR10MW28A	CHLOROFORM	3 ND	ug/L	--	LVOA	9936M010	
IR-10	IR10MW28A	CHLOROMETHANE	3 ND	ug/L	--	LVOA	9936M010	
IR-10	IR10MW28A	CHROMIUM	35.4	ug/L	157	DMETAL	9936M010A	
IR-10	IR10MW28A	CHROMIUM VI	10	ug/L	--	CHROM	9936M010A	
IR-10	IR10MW28A	CIS-1,2-DICHLOROETHENE	3 ND	ug/L	224,000	LVOA	9936M010	
IR-10	IR10MW28A	CIS-1,3-DICHLOROPROPENE	3 ND	ug/L	--	LVOA	9936M010	
IR-10	IR10MW28A	COBALT	6.5	ug/L	208	DMETAL	9936M010A	
IR-10	IR10MW28A	COPPER	8.6	ug/L	280	DMETAL	9936M010A	
IR-10	IR10MW28A	DIBROMOCHLOROMETHANE	3 ND	ug/L	--	LVOA	9936M010	
IR-10	IR10MW28A	ETHYLBENZENE	3 ND	ug/L	--	LVOA	9936M010	
IR-10	IR10MW28A	GASOLINE RANGE ORGANICS	50 ND	ug/L	1,250	TPHPRG	9936M010A	
IR-10	IR10MW28A	IRON	5,530	ug/L	--	DMETAL	9936M010A	
IR-10	IR10MW28A	LEAD	5.8	ug/L	144	DMETAL	9936M010A	
IR-10	IR10MW28A	MAGNESIUM	429,000	ug/L	--	DMETAL	9936M010A	
IR-10	IR10MW28A	MANGANESE	242	ug/L	81,400	DMETAL	9936M010A	
IR-10	IR10MW28A	MERCURY	0.1 ND	ug/L	6	DMETAL	9936M010A	
IR-10	IR10MW28A	METHYLENE CHLORIDE	6 ND	ug/L	--	LVOA	9936M010	
IR-10	IR10MW28A	MOLYBDENUM	7.1	ug/L	--	DMETAL	9936M010A	
IR-10	IR10MW28A	MOTOR OIL RANGE ORGANICS	100 ND	ug/L	--	TPHEXT	9936M010A	
IR-10	IR10MW28A	NICKEL	93.8	ug/L	965	DMETAL	9936M010A	
IR-10	IR10MW28A	POTASSIUM	2,490	ug/L	--	DMETAL	9936M010A	
IR-10	IR10MW28A	PROPANE, 2-METHOXY-2-METHYL-	3 ND	ug/L	--	LVOA	9936M010	
IR-10	IR10MW28A	SELENIUM	4.2	ug/L	--	DMETAL	9936M010A	
IR-10	IR10MW28A	SILVER	1.9 ND	ug/L	74.3	DMETAL	9936M010A	
IR-10	IR10MW28A	SODIUM	167,000	ug/L	--	DMETAL	9936M010A	
IR-10	IR10MW28A	STYRENE	3 ND	ug/L	--	LVOA	9936M010	
IR-10	IR10MW28A	TETRACHLOROETHENE	3 ND	ug/L	--	LVOA	9936M010	
IR-10	IR10MW28A	THALLIUM	3 ND	ug/L	130	DMETAL	9936M010A	
IR-10	IR10MW28A	TOLUENE	3 ND	ug/L	--	LVOA	9936M010	
IR-10	IR10MW28A	TPH-EXTRACTABLE UNKNOWN HYDROCARBON	100 ND	ug/L	--	TPHEXT	9936M010A	
IR-10	IR10MW28A	TRANS-1,2-DICHLOROETHENE	3 ND	ug/L	224,000	LVOA	9936M010	
IR-10	IR10MW28A	TRANS-1,3-DICHLOROPROPENE	2 ND	ug/L	--	LVOA	9936M010	

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IR Site	Monitoring Well ID	Analyte	Analytical Result (ug/L)	Units	Trigger Level (ug/L)	Analytical Group	Sample Number	Associated Sample Number
IR-10	IR10MW28A	TRICHLOROETHENE	54	ug/L	2,000	LVOA	9936M010	
IR-10	IR10MW28A	VANADIUM	14.3	ug/L	--	DMETAL	9936M010A	
IR-10	IR10MW28A	VINYL CHLORIDE	2 ND	ug/L	550	LVOA	9936M010	
IR-10	IR10MW28A	XYLENE (TOTAL)	3 ND	ug/L	--	LVOA	9936M010	
IR-10	IR10MW28A	ZINC	48.8	ug/L	810	DMETAL	9936M010A	
IR-10	**IR10MW31A1**	**POINT-OF-COMPLIANCE MONITORING WELL**						
IR-10	IR10MW31A1	1,1,1-TRICHLOROETHANE	1 ND	ug/L	--	LVOA	9936F014	
IR-10	IR10MW31A1	1,1,2,2-TETRACHLOROETHANE	1 ND	ug/L	--	LVOA	9936F014	
IR-10	IR10MW31A1	1,1,2-TRICHLOROETHANE	1 ND	ug/L	--	LVOA	9936F014	
IR-10	IR10MW31A1	1,1-DICHLOROETHANE	1 ND	ug/L	--	LVOA	9936F014	
IR-10	IR10MW31A1	1,1-DICHLOROETHENE	1 ND	ug/L	--	LVOA	9936F014	
IR-10	IR10MW31A1	1,2-DICHLOROETHANE	0.5 ND	ug/L	--	LVOA	9936F014	
IR-10	IR10MW31A1	1,2-DICHLOROPROPANE	1 ND	ug/L	--	LVOA	9936F014	
IR-10	IR10MW31A1	2-BUTANONE	5 ND	ug/L	--	LVOA	9936F014	
IR-10	IR10MW31A1	2-HEXANONE	5 ND	ug/L	--	LVOA	9936F014	
IR-10	IR10MW31A1	4-METHYL-2-PENTANONE	5 ND	ug/L	--	LVOA	9936F014	
IR-10	IR10MW31A1	ACETONE	5 ND	ug/L	--	LVOA	9936F014	
IR-10	IR10MW31A1	ALUMINUM	20 ND	ug/L	--	DMETAL	9936F014	
IR-10	IR10MW31A1	ANTIMONY	3.7 ND	ug/L	500	DMETAL	9936F014	
IR-10	IR10MW31A1	ARSENIC	5.2 ND	ug/L	36	DMETAL	9936F014	
IR-10	IR10MW31A1	BARIUM	64.5	ug/L	504	DMETAL	9936F014	
IR-10	IR10MW31A1	BENZENE	0.5 ND	ug/L	--	LVOA	9936F014	
IR-10	IR10MW31A1	BERYLLIUM	0.4 ND	ug/L	1.4	DMETAL	9936F014	
IR-10	IR10MW31A1	BROMODICHLOROMETHANE	1 ND	ug/L	--	LVOA	9936F014	
IR-10	IR10MW31A1	BROMOFORM	1 ND	ug/L	--	LVOA	9936F014	
IR-10	IR10MW31A1	BROMOMETHANE	1 ND	ug/L	--	LVOA	9936F014	
IR-10	IR10MW31A1	CADMIUM	0.9 ND	ug/L	9.3	DMETAL	9936F014	
IR-10	IR10MW31A1	CALCIUM	201,000	ug/L	--	DMETAL	9936F014	
IR-10	IR10MW31A1	CARBON DISULFIDE	1 ND	ug/L	--	LVOA	9936F014	
IR-10	IR10MW31A1	CARBON TETRACHLORIDE	0.5 ND	ug/L	--	LVOA	9936F014	
IR-10	IR10MW31A1	CHLOROBENZENE	1 ND	ug/L	--	LVOA	9936F014	
IR-10	IR10MW31A1	CHLOROETHANE	1 ND	ug/L	--	LVOA	9936F014	
IR-10	IR10MW31A1	CHLOROFORM	1 ND	ug/L	--	LVOA	9936F014	
IR-10	IR10MW31A1	CHLOROMETHANE	1 ND	ug/L	--	LVOA	9936F014	
IR-10	IR10MW31A1	CHROMIUM	0.8 ND	ug/L	15.7	DMETAL	9936F014	
IR-10	IR10MW31A1	CHROMIUM VI	10	ug/L	--	CHROM	9936F014	
IR-10	IR10MW31A1	CIS-1,2-DICHLOROETHENE	1 ND	ug/L	22,400	LVOA	9936F014	
IR-10	IR10MW31A1	CIS-1,3-DICHLOROPROPENE	1 ND	ug/L	--	LVOA	9936F014	
IR-10	IR10MW31A1	COBALT	2.5 ND	ug/L	20.8	DMETAL	9936F014	
IR-10	IR10MW31A1	COPPER	2.9 ND	ug/L	28	DMETAL	9936F014	
IR-10	IR10MW31A1	DIBROMOCHLOROMETHANE	1 ND	ug/L	--	LVOA	9936F014	
IR-10	IR10MW31A1	ETHYLBENZENE	1 ND	ug/L	--	LVOA	9936F014	
IR-10	IR10MW31A1	GASOLINE RANGE ORGANICS	50 ND	ug/L	1,250	TPHPRG	9936F014	
IR-10	IR10MW31A1	IRON	20.8 ND	ug/L	--	DMETAL	9936F014	
IR-10	IR10MW31A1	LEAD	0.8 ND	ug/L	14.4	DMETAL	9936F014	
IR-10	IR10MW31A1	MAGNESIUM	432,000	ug/L	--	DMETAL	9936F014	
IR-10	IR10MW31A1	MANGANESE	1,810	ug/L	8,140	DMETAL	9936F014	
IR-10	IR10MW31A1	MERCURY	0.1 ND	ug/L	0.6	DMETAL	9936F014	
IR-10	IR10MW31A1	METHYLENE CHLORIDE	2 ND	ug/L	--	LVOA	9936F014	
IR-10	IR10MW31A1	MOLYBDENUM	11.3	ug/L	--	DMETAL	9936F014	
IR-10	IR10MW31A1	MOTOR OIL RANGE ORGANICS	100 ND	ug/L	--	TPHEXT	9936F014	

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IR Site	Monitoring Well ID	Analyte	Analytical Result (ug/L)	Units	Trigger Level (ug/L)	Analytical Group	Sample Number	Associated Sample Number
IR-10	IR10MW31A1	NICKEL	16.9	ug/L	96.5	DMETAL	9936F014	
IR-10	IR10MW31A1	POTASSIUM	75,300	ug/L	--	DMETAL	9936F014	
IR-10	IR10MW31A1	PROPANE, 2-METHOXY-2-METHYL-	1 ND	ug/L	--	LVOA	9936F014	
IR-10	IR10MW31A1	SELENIUM	2.9 ND	ug/L	--	DMETAL	9936F014	
IR-10	IR10MW31A1	SILVER	1.5 ND	ug/L	7.43	DMETAL	9936F014	
IR-10	IR10MW31A1	SODIUM	2,460,000	ug/L	--	DMETAL	9936F014	
IR-10	IR10MW31A1	STYRENE	1 ND	ug/L	--	LVOA	9936F014	
IR-10	IR10MW31A1	TETRACHLOROETHENE	1 ND	ug/L	--	LVOA	9936F014	
IR-10	IR10MW31A1	THALLIUM	3 ND	ug/L	13	DMETAL	9936F014	
IR-10	IR10MW31A1	TOLUENE	1	ug/L	--	LVOA	9936F014	
IR-10	IR10MW31A1	TPH-EXTRACTABLE UNKNOWN HYDROCARBON	100 ND	ug/L	--	TPHEXT	9936F014	
IR-10	IR10MW31A1	TRANS-1,2-DICHLOROETHENE	1 ND	ug/L	22,400	LVOA	9936F014	
IR-10	IR10MW31A1	TRANS-1,3-DICHLOROPROPENE	0.5 ND	ug/L	--	LVOA	9936F014	
IR-10	IR10MW31A1	TRICHLOROETHENE	1 ND	ug/L	200	LVOA	9936F014	
IR-10	IR10MW31A1	VANADIUM	2.5 ND	ug/L	--	DMETAL	9936F014	
IR-10	IR10MW31A1	VINYL CHLORIDE	0.5 ND	ug/L	55	LVOA	9936F014	
IR-10	IR10MW31A1	XYLENE (TOTAL)	1 ND	ug/L	--	LVOA	9936F014	
IR-10	IR10MW31A1	ZINC	3 ND	ug/L	81	DMETAL	9936F014	
IR-10	**IR10MW33A**	**VOC MONITORING WELL**						
IR-10	IR10MW33A	1,1,1-TRICHLOROETHANE	1 ND	ug/L	--	LVOA	9936M009	
IR-10	IR10MW33A	1,1,2,2-TETRACHLOROETHANE	1 ND	ug/L	--	LVOA	9936M009	
IR-10	IR10MW33A	1,1,2-TRICHLOROETHANE	1 ND	ug/L	--	LVOA	9936M009	
IR-10	IR10MW33A	1,1-DICHLOROETHANE	1 ND	ug/L	--	LVOA	9936M009	
IR-10	IR10MW33A	1,1-DICHLOROETHENE	1 ND	ug/L	--	LVOA	9936M009	
IR-10	IR10MW33A	1,2-DICHLOROETHANE	0.5 ND	ug/L	--	LVOA	9936M009	
IR-10	IR10MW33A	1,2-DICHLOROPROPANE	1 ND	ug/L	--	LVOA	9936M009	
IR-10	IR10MW33A	2-BUTANONE	5 ND	ug/L	--	LVOA	9936M009	
IR-10	IR10MW33A	2-HEXANONE	5 ND	ug/L	--	LVOA	9936M009	
IR-10	IR10MW33A	4-METHYL-2-PENTANONE	5 ND	ug/L	--	LVOA	9936M009	
IR-10	IR10MW33A	ACETONE	5 ND	ug/L	--	LVOA	9936M009	
IR-10	IR10MW33A	BENZENE	0.5 ND	ug/L	--	LVOA	9936M009	
IR-10	IR10MW33A	BROMODICHLOROMETHANE	1 ND	ug/L	--	LVOA	9936M009	
IR-10	IR10MW33A	BROMOFORM	1 ND	ug/L	--	LVOA	9936M009	
IR-10	IR10MW33A	BROMOMETHANE	1 ND	ug/L	--	LVOA	9936M009	
IR-10	IR10MW33A	CARBON DISULFIDE	1 ND	ug/L	--	LVOA	9936M009	
IR-10	IR10MW33A	CARBON TETRACHLORIDE	0.5 ND	ug/L	--	LVOA	9936M009	
IR-10	IR10MW33A	CHLOROBENZENE	1 ND	ug/L	--	LVOA	9936M009	
IR-10	IR10MW33A	CHLOROETHANE	1 ND	ug/L	--	LVOA	9936M009	
IR-10	IR10MW33A	CHLOROFORM	1 ND	ug/L	--	LVOA	9936M009	
IR-10	IR10MW33A	CHLOROMETHANE	1 ND	ug/L	--	LVOA	9936M009	
IR-10	IR10MW33A	CIS-1,2-DICHLOROETHENE	10	ug/L	--	LVOA	9936M009	
IR-10	IR10MW33A	CIS-1,3-DICHLOROPROPENE	1 ND	ug/L	--	LVOA	9936M009	
IR-10	IR10MW33A	DIBROMOCHLOROMETHANE	1 ND	ug/L	--	LVOA	9936M009	
IR-10	IR10MW33A	ETHYLBENZENE	1 ND	ug/L	--	LVOA	9936M009	
IR-10	IR10MW33A	METHYLENE CHLORIDE	2 ND	ug/L	--	LVOA	9936M009	
IR-10	IR10MW33A	PROPANE, 2-METHOXY-2-METHYL-	1 ND	ug/L	--	LVOA	9936M009	
IR-10	IR10MW33A	STYRENE	1 ND	ug/L	--	LVOA	9936M009	
IR-10	IR10MW33A	TETRACHLOROETHENE	1 ND	ug/L	--	LVOA	9936M009	
IR-10	IR10MW33A	TOLUENE	1 ND	ug/L	--	LVOA	9936M009	
IR-10	IR10MW33A	TRANS-1,2-DICHLOROETHENE	1 ND	ug/L	--	LVOA	9936M009	
IR-10	IR10MW33A	TRANS-1,3-DICHLOROPROPENE	0.5 ND	ug/L	--	LVOA	9936M009	

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IR Site	Monitoring Well ID	Analyte	Analytical Result (ug/L)	Units	Trigger Level (ug/L)	Analytical Group	Sample Number	Associated Sample Number
IR-10	IR10MW33A	TRICHLOROETHENE	19	ug/L	--	LVOA	9936M009	
IR-10	IR10MW33A	VINYL CHLORIDE	0.5 ND	ug/L	--	LVOA	9936M009	
IR-10	IR10MW33A	XYLENE (TOTAL)	1 ND	ug/L	--	LVOA	9936M009	
IR-18	**IR18MW21A**	**ON/OFF-SITE MIGRATION MONITORING WELL**						
IR-18	IR18MW21A	1,1,1-TRICHLOROETHANE	10 ND	ug/L	--	VOA	9936F002	
IR-18	IR18MW21A	1,1,2,2-TETRACHLOROETHANE	10 ND	ug/L	--	VOA	9936F002	
IR-18	IR18MW21A	1,1,2-TRICHLOROETHANE	10 ND	ug/L	--	VOA	9936F002	
IR-18	IR18MW21A	1,1-DICHLOROETHANE	10 ND	ug/L	--	VOA	9936F002	
IR-18	IR18MW21A	1,1-DICHLOROETHENE	10 ND	ug/L	--	VOA	9936F002	
IR-18	IR18MW21A	1,2,4-TRICHLOROBENZENE	10 ND	ug/L	--	SVOA	9936F002	
IR-18	IR18MW21A	1,2-DICHLOROBENZENE	5 ND	ug/L	--	SVOA	9936F002	
IR-18	IR18MW21A	1,2-DICHLOROETHANE	10 ND	ug/L	--	VOA	9936F002	
IR-18	IR18MW21A	1,2-DICHLOROETHENE (TOTAL)	10 ND	ug/L	224,000	VOA	9936F002	
IR-18	IR18MW21A	1,2-DICHLOROPROPANE	10 ND	ug/L	--	VOA	9936F002	
IR-18	IR18MW21A	1,3-DICHLOROBENZENE	5 ND	ug/L	--	SVOA	9936F002	
IR-18	IR18MW21A	1,4-DICHLOROBENZENE	5 ND	ug/L	--	SVOA	9936F002	
IR-18	IR18MW21A	2,2'-OXYBIS(1-CHLOROPROPANE)	10 ND	ug/L	--	SVOA	9936F002	
IR-18	IR18MW21A	2,4,5-TRICHLOROPHENOL	10 ND	ug/L	--	SVOA	9936F002	
IR-18	IR18MW21A	2,4,6-TRICHLOROPHENOL	10 ND	ug/L	--	SVOA	9936F002	
IR-18	IR18MW21A	2,4-DICHLOROPHENOL	10 ND	ug/L	--	SVOA	9936F002	
IR-18	IR18MW21A	2,4-DIMETHYLPHENOL	10 ND	ug/L	--	SVOA	9936F002	
IR-18	IR18MW21A	2,4-DINITROPHENOL	10 ND	ug/L	--	SVOA	9936F002	
IR-18	IR18MW21A	2,4-DINITROTOLUENE	10 ND	ug/L	--	SVOA	9936F002	
IR-18	IR18MW21A	2,6-DINITROTOLUENE	10 ND	ug/L	--	SVOA	9936F002	
IR-18	IR18MW21A	2-BUTANONE	10 ND	ug/L	--	VOA	9936F002	
IR-18	IR18MW21A	2-CHLORONAPHTHALENE	10 ND	ug/L	3,000	SVOA	9936F002	
IR-18	IR18MW21A	2-CHLOROPHENOL	10 ND	ug/L	--	SVOA	9936F002	
IR-18	IR18MW21A	2-HEXANONE	10 ND	ug/L	--	VOA	9936F002	
IR-18	IR18MW21A	2-METHYLNAPHTHALENE	10 ND	ug/L	3,000	SVOA	9936F002	
IR-18	IR18MW21A	2-METHYLPHENOL	10 ND	ug/L	--	SVOA	9936F002	
IR-18	IR18MW21A	2-NITROANILINE	10 ND	ug/L	--	SVOA	9936F002	
IR-18	IR18MW21A	2-NITROPHENOL	10 ND	ug/L	--	SVOA	9936F002	
IR-18	IR18MW21A	3,3'-DICHLOROBENZIDINE	10 ND	ug/L	--	SVOA	9936F002	
IR-18	IR18MW21A	3-NITROANILINE	10 ND	ug/L	--	SVOA	9936F002	
IR-18	IR18MW21A	4,4'-DDD	0.02 ND	ug/L	--	PEST	9936F002	
IR-18	IR18MW21A	4,4'-DDE	0.02 ND	ug/L	--	PEST	9936F002	
IR-18	IR18MW21A	4,4'-DDT	0.02 ND	ug/L	--	PEST	9936F002	
IR-18	IR18MW21A	4,6-DINITRO-2-METHYLPHENOL	10 ND	ug/L	--	SVOA	9936F002	
IR-18	IR18MW21A	4-BROMOPHENYL-PHENYLETHER	10 ND	ug/L	--	SVOA	9936F002	
IR-18	IR18MW21A	4-CHLORO-3-METHYLPHENOL	10 ND	ug/L	--	SVOA	9936F002	
IR-18	IR18MW21A	4-CHLOROANILINE	10 ND	ug/L	--	SVOA	9936F002	
IR-18	IR18MW21A	4-CHLOROPHENYL-PHENYLETHER	10 ND	ug/L	--	SVOA	9936F002	
IR-18	IR18MW21A	4-METHYL-2-PENTANONE	10 ND	ug/L	--	VOA	9936F002	
IR-18	IR18MW21A	4-METHYLPHENOL	10 ND	ug/L	--	SVOA	9936F002	
IR-18	IR18MW21A	4-NITROANILINE	10 ND	ug/L	--	SVOA	9936F002	
IR-18	IR18MW21A	4-NITROPHENOL	10 ND	ug/L	--	SVOA	9936F002	
IR-18	IR18MW21A	ACENAPHTHENE	10 ND	ug/L	3,000	SVOA	9936F002	
IR-18	IR18MW21A	ACENAPHTHYLENE	10 ND	ug/L	3,000	SVOA	9936F002	
IR-18	IR18MW21A	ACETONE	10 ND	ug/L	--	VOA	9936F002	
IR-18	IR18MW21A	ALDRIN	0.01 ND	ug/L	--	PEST	9936F002	
IR-18	IR18MW21A	ALPHA-BHC	0.01 ND	ug/L	--	PEST	9936F002	

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IR-18	IR18MW21A	ALPHA-CHLORDANE	0.01 ND	ug/L	--	PEST	9936F002	
IR-18	IR18MW21A	ALUMINUM	20 ND	ug/L	--	DMETAL	9936F002	
IR-18	IR18MW21A	ALUMINUM	20 ND	ug/L	--	TMETAL	9936F002	
IR-18	IR18MW21A	ANTHRACENE	10 ND	ug/L	3,000	SVOA	9936F002	
IR-18	IR18MW21A	ANTIMONY	3.7 ND	ug/L	5,000	DMETAL	9936F002	
IR-18	IR18MW21A	ANTIMONY	4 ND	ug/L	5,000	TMETAL	9936F002	
IR-18	IR18MW21A	AROCLOR-1016	0.1 ND	ug/L	1.9	PEST	9936F002	
IR-18	IR18MW21A	AROCLOR-1221	0.2 ND	ug/L	1.9	PEST	9936F002	
IR-18	IR18MW21A	AROCLOR-1232	0.1 ND	ug/L	1.9	PEST	9936F002	
IR-18	IR18MW21A	AROCLOR-1242	0.1 ND	ug/L	1.9	PEST	9936F002	
IR-18	IR18MW21A	AROCLOR-1248	0.1 ND	ug/L	1.9	PEST	9936F002	
IR-18	IR18MW21A	AROCLOR-1254	0.1 ND	ug/L	1.9	PEST	9936F002	
IR-18	IR18MW21A	AROCLOR-1260	0.1 ND	ug/L	1.9	PEST	9936F002	
IR-18	IR18MW21A	ARSENIC	5.2 ND	ug/L	360	DMETAL	9936F002	
IR-18	IR18MW21A	ARSENIC	5.2 ND	ug/L	360	TMETAL	9936F002	
IR-18	IR18MW21A	BARIUM	159	ug/L	5,040	DMETAL	9936F002	
IR-18	IR18MW21A	BARIUM	155	ug/L	5,040	TMETAL	9936F002	
IR-18	IR18MW21A	BENZENE	10 ND	ug/L	--	VOA	9936F002	
IR-18	IR18MW21A	BENZO(A)ANTHRACENE	10 ND	ug/L	3,000	SVOA	9936F002	
IR-18	IR18MW21A	BENZO(A)PYRENE	10 ND	ug/L	3,000	SVOA	9936F002	
IR-18	IR18MW21A	BENZO(B)FLUORANTHENE	10 ND	ug/L	3,000	SVOA	9936F002	
IR-18	IR18MW21A	BENZO(G,H,I)PERYLENE	10 ND	ug/L	3,000	SVOA	9936F002	
IR-18	IR18MW21A	BENZO(K)FLUORANTHENE	10 ND	ug/L	3,000	SVOA	9936F002	
IR-18	IR18MW21A	BERYLLIUM	0.4 ND	ug/L	14	DMETAL	9936F002	
IR-18	IR18MW21A	BERYLLIUM	0.4 ND	ug/L	14	TMETAL	9936F002	
IR-18	IR18MW21A	BETA-BHC	0.01 ND	ug/L	--	PEST	9936F002	
IR-18	IR18MW21A	BIS(2-CHLOROETHOXY)METHANE	10 ND	ug/L	--	SVOA	9936F002	
IR-18	IR18MW21A	BIS(2-CHLOROETHYL)ETHER	10 ND	ug/L	--	SVOA	9936F002	
IR-18	IR18MW21A	BIS(2-ETHYLHEXYL)PHTHALATE	14 ND	ug/L	--	SVOA	9936F002	
IR-18	IR18MW21A	BROMODICHLOROMETHANE	10 ND	ug/L	--	VOA	9936F002	
IR-18	IR18MW21A	BROMOFORM	10 ND	ug/L	--	VOA	9936F002	
IR-18	IR18MW21A	BROMOMETHANE	10 ND	ug/L	--	VOA	9936F002	
IR-18	IR18MW21A	BUTYLBENZYLPHTHALATE	10 ND	ug/L	--	SVOA	9936F002	
IR-18	IR18MW21A	CADMIUM	0.9 ND	ug/L	93	DMETAL	9936F002	
IR-18	IR18MW21A	CADMIUM	0.9 ND	ug/L	93	TMETAL	9936F002	
IR-18	IR18MW21A	CALCIUM	95,400	ug/L	--	DMETAL	9936F002	
IR-18	IR18MW21A	CALCIUM	93,100	ug/L	--	TMETAL	9936F002	
IR-18	IR18MW21A	CARBAZOLE	10 ND	ug/L	--	SVOA	9936F002	
IR-18	IR18MW21A	CARBON DISULFIDE	10 ND	ug/L	--	VOA	9936F002	
IR-18	IR18MW21A	CARBON TETRACHLORIDE	10 ND	ug/L	--	VOA	9936F002	
IR-18	IR18MW21A	CHLOROBENZENE	10 ND	ug/L	--	VOA	9936F002	
IR-18	IR18MW21A	CHLOROETHANE	10 ND	ug/L	--	VOA	9936F002	
IR-18	IR18MW21A	CHLOROFORM	10 ND	ug/L	--	VOA	9936F002	
IR-18	IR18MW21A	CHLOROMETHANE	10 ND	ug/L	--	VOA	9936F002	
IR-18	IR18MW21A	CHROMIUM	1	ug/L	157	DMETAL	9936F002	
IR-18	IR18MW21A	CHROMIUM	1.3	ug/L	157	TMETAL	9936F002	
IR-18	IR18MW21A	CHROMIUM VI	10 ND	ug/L	--	CHROM	9936F002	
IR-18	IR18MW21A	CHRYSENE	10 ND	ug/L	3,000	SVOA	9936F002	
IR-18	IR18MW21A	CIS-1,3-DICHLOROPROPENE	10 ND	ug/L	--	VOA	9936F002	
IR-18	IR18MW21A	COBALT	2.5 ND	ug/L	208	DMETAL	9936F002	
IR-18	IR18MW21A	COBALT	2.5 ND	ug/L	208	TMETAL	9936F002	

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IR-18	IR18MW21A	COPPER	2.9 ND	ug/L	280	DMETAL	9936F002	
IR-18	IR18MW21A	COPPER	2.9 ND	ug/L	280	TMETAL	9936F002	
IR-18	IR18MW21A	DELTA-BHC	0.01 ND	ug/L	--	PEST	9936F002	
IR-18	IR18MW21A	DIBENZ(A,H)ANTHRACENE	10 ND	ug/L	3,000	SVOA	9936F002	
IR-18	IR18MW21A	DIBENZOFURAN	10 ND	ug/L	--	SVOA	9936F002	
IR-18	IR18MW21A	DIBROMOCHLOROMETHANE	10 ND	ug/L	--	VOA	9936F002	
IR-18	IR18MW21A	DIELDRIN	0.02 ND	ug/L	--	PEST	9936F002	
IR-18	IR18MW21A	DIETHYLPHTHALATE	10 ND	ug/L	--	SVOA	9936F002	
IR-18	IR18MW21A	DIMETHYLPHTHALATE	10 ND	ug/L	--	SVOA	9936F002	
IR-18	IR18MW21A	DI-N-BUTYLPHTHALATE	10 ND	ug/L	--	SVOA	9936F002	
IR-18	IR18MW21A	DI-N-OCTYLPHTHALATE	10 ND	ug/L	--	SVOA	9936F002	
IR-18	IR18MW21A	ENDOSULFAN I	0.01 ND	ug/L	--	PEST	9936F002	
IR-18	IR18MW21A	ENDOSULFAN II	0.02 ND	ug/L	--	PEST	9936F002	
IR-18	IR18MW21A	ENDOSULFAN SULFATE	0.02 ND	ug/L	--	PEST	9936F002	
IR-18	IR18MW21A	ENDRIN	0.02 ND	ug/L	--	PEST	9936F002	
IR-18	IR18MW21A	ENDRIN ALDEHYDE	0.02 ND	ug/L	--	PEST	9936F002	
IR-18	IR18MW21A	ENDRIN KETONE	0.02 ND	ug/L	--	PEST	9936F002	
IR-18	IR18MW21A	ETHYLBENZENE	10 ND	ug/L	--	VOA	9936F002	
IR-18	IR18MW21A	FLUORANTHENE	10 ND	ug/L	3,000	SVOA	9936F002	
IR-18	IR18MW21A	FLUORENE	10 ND	ug/L	3,000	SVOA	9936F002	
IR-18	IR18MW21A	GAMMA-BHC (LINDANE)	0.01 ND	ug/L	--	PEST	9936F002	
IR-18	IR18MW21A	GAMMA-CHLORDANE	0.01 ND	ug/L	--	PEST	9936F002	
IR-18	IR18MW21A	GASOLINE RANGE ORGANICS	50 ND	ug/L	1,250	TPHPRG	9936F002	
IR-18	IR18MW21A	HEPTACHLOR	0.002 ND	ug/L	--	PEST	9936F002	
IR-18	IR18MW21A	HEPTACHLOR EPOXIDE	0.002 ND	ug/L	--	PEST	9936F002	
IR-18	IR18MW21A	HEXACHLOROBENZENE	10 ND	ug/L	--	SVOA	9936F002	
IR-18	IR18MW21A	HEXACHLOROBUTADIENE	10 ND	ug/L	--	SVOA	9936F002	
IR-18	IR18MW21A	HEXACHLOROCYCLOPENTADIENE	10 ND	ug/L	--	SVOA	9936F002	
IR-18	IR18MW21A	HEXACHLOROETHANE	10 ND	ug/L	--	SVOA	9936F002	
IR-18	IR18MW21A	INDENO(1,2,3-CD)PYRENE	10 ND	ug/L	3,000	SVOA	9936F002	
IR-18	IR18MW21A	IRON	2,220	ug/L	--	DMETAL	9936F002	
IR-18	IR18MW21A	IRON	2,200	ug/L	--	TMETAL	9936F002	
IR-18	IR18MW21A	ISOPHORONE	10 ND	ug/L	--	SVOA	9936F002	
IR-18	IR18MW21A	LEAD	0.8 ND	ug/L	144	DMETAL	9936F002	
IR-18	IR18MW21A	LEAD	0.8 ND	ug/L	144	TMETAL	9936F002	
IR-18	IR18MW21A	MAGNESIUM	71,600	ug/L	--	DMETAL	9936F002	
IR-18	IR18MW21A	MAGNESIUM	69,100	ug/L	--	TMETAL	9936F002	
IR-18	IR18MW21A	MANGANESE	1,190	ug/L	81,400	DMETAL	9936F002	
IR-18	IR18MW21A	MANGANESE	1,160	ug/L	81,400	TMETAL	9936F002	
IR-18	IR18MW21A	MERCURY	0.1 ND	ug/L	6	DMETAL	9936F002	
IR-18	IR18MW21A	MERCURY	0.1 ND	ug/L	6	TMETAL	9936F002	
IR-18	IR18MW21A	METHOXYCHLOR	0.1 ND	ug/L	--	PEST	9936F002	
IR-18	IR18MW21A	METHYLENE CHLORIDE	10 ND	ug/L	--	VOA	9936F002	
IR-18	IR18MW21A	MOLYBDENUM	1.1	ug/L	--	DMETAL	9936F002	
IR-18	IR18MW21A	MOLYBDENUM	1.9	ug/L	--	TMETAL	9936F002	
IR-18	IR18MW21A	MOTOR OIL RANGE ORGANICS	200	ug/L	--	TPHEXT	9936F002	
IR-18	IR18MW21A	NAPHTHALENE	10 ND	ug/L	3,000	SVOA	9936F002	
IR-18	IR18MW21A	NICKEL	4 ND	ug/L	965	DMETAL	9936F002	
IR-18	IR18MW21A	NICKEL	4 ND	ug/L	965	TMETAL	9936F002	
IR-18	IR18MW21A	NITROBENZENE	10 ND	ug/L	--	SVOA	9936F002	
IR-18	IR18MW21A	N-NITROSO-DI-N-PROPYLAMINE	10 ND	ug/L	--	SVOA	9936F002	

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IR Site	Monitoring Well ID	Analyte	Analytical Result (ug/L)	Units	Trigger Level (ug/L)	Analytical Group	Sample Number	Associated Sample Number
IR-18	IR18MW21A	N-NITROSODIPHENYLAMINE	10 ND	ug/L	--	SVOA	9936F002	
IR-18	IR18MW21A	PENTACHLOROPHENOL	10 ND	ug/L	--	SVOA	9936F002	
IR-18	IR18MW21A	PHENANTHRENE	10 ND	ug/L	3,000	SVOA	9936F002	
IR-18	IR18MW21A	PHENOL	10 ND	ug/L	--	SVOA	9936F002	
IR-18	IR18MW21A	POTASSIUM	12,600	ug/L	--	DMETAL	9936F002	
IR-18	IR18MW21A	POTASSIUM	12,400	ug/L	--	TMETAL	9936F002	
IR-18	IR18MW21A	PROPANE, 2-METHOXY-2-METHYL-	5 ND	ug/L	--	VOA	9936F002	
IR-18	IR18MW21A	PYRENE	10 ND	ug/L	3,000	SVOA	9936F002	
IR-18	IR18MW21A	SELENIUM	2.9 ND	ug/L	--	DMETAL	9936F002	
IR-18	IR18MW21A	SELENIUM	4.8 ND	ug/L	--	TMETAL	9936F002	
IR-18	IR18MW21A	SILVER	1.5 ND	ug/L	74.3	DMETAL	9936F002	
IR-18	IR18MW21A	SILVER	1.5 ND	ug/L	74.3	TMETAL	9936F002	
IR-18	IR18MW21A	SODIUM	99,600	ug/L	--	DMETAL	9936F002	
IR-18	IR18MW21A	SODIUM	103,000	ug/L	--	TMETAL	9936F002	
IR-18	IR18MW21A	STYRENE	10 ND	ug/L	--	VOA	9936F002	
IR-18	IR18MW21A	TETRACHLOROETHENE	10 ND	ug/L	--	VOA	9936F002	
IR-18	IR18MW21A	THALLIUM	5.6 ND	ug/L	130	DMETAL	9936F002	
IR-18	IR18MW21A	THALLIUM	9.5 ND	ug/L	130	TMETAL	9936F002	
IR-18	IR18MW21A	TOLUENE	10 ND	ug/L	--	VOA	9936F002	
IR-18	IR18MW21A	TOXAPHENE	0.6 ND	ug/L	--	PEST	9936F002	
IR-18	IR18MW21A	TPH-EXTRACTABLE UNKNOWN HYDROCARBON	100 ND	ug/L	--	TPHEXT	9936F002	
IR-18	IR18MW21A	TRANS-1,3-DICHLOROPROPENE	10 ND	ug/L	--	VOA	9936F002	
IR-18	IR18MW21A	TRICHLOROETHENE	10 ND	ug/L	2,000	VOA	9936F002	
IR-18	IR18MW21A	VANADIUM	2.5 ND	ug/L	--	DMETAL	9936F002	
IR-18	IR18MW21A	VANADIUM	2.5 ND	ug/L	--	TMETAL	9936F002	
IR-18	IR18MW21A	VINYL CHLORIDE	10 ND	ug/L	550	VOA	9936F002	
IR-18	IR18MW21A	XYLENE (TOTAL)	10 ND	ug/L	--	VOA	9936F002	
IR-18	IR18MW21A	ZINC	4.4 ND	ug/L	810	DMETAL	9936F002	
IR-18	IR18MW21A	ZINC	103	ug/L	810	TMETAL	9936F002	
IR-23	**UT03MW11A**	**SENTINEL MONITORING WELL**						
IR-23	UT03MW11A	1,1,1-TRICHLOROETHANE	10 ND	ug/L	--	VOA	9936M006	
IR-23	UT03MW11A	1,1,2,2-TETRACHLOROETHANE	10 ND	ug/L	--	VOA	9936M006	
IR-23	UT03MW11A	1,1,2-TRICHLOROETHANE	10 ND	ug/L	--	VOA	9936M006	
IR-23	UT03MW11A	1,1-DICHLOROETHANE	10 ND	ug/L	--	VOA	9936M006	
IR-23	UT03MW11A	1,1-DICHLOROETHENE	10 ND	ug/L	--	VOA	9936M006	
IR-23	UT03MW11A	1,2-DICHLOROETHANE	10 ND	ug/L	--	VOA	9936M006	
IR-23	UT03MW11A	1,2-DICHLOROETHENE (TOTAL)	10 ND	ug/L	224,000	VOA	9936M006	
IR-23	UT03MW11A	1,2-DICHLOROPROPANE	10 ND	ug/L	--	VOA	9936M006	
IR-23	UT03MW11A	2-BUTANONE	10 ND	ug/L	--	VOA	9936M006	
IR-23	UT03MW11A	2-HEXANONE	10 ND	ug/L	--	VOA	9936M006	
IR-23	UT03MW11A	4-METHYL-2-PENTANONE	10 ND	ug/L	--	VOA	9936M006	
IR-23	UT03MW11A	ACETONE	10 ND	ug/L	--	VOA	9936M006	
IR-23	UT03MW11A	ALUMINUM	22.3 ND	ug/L	--	DMETAL	9936M006	
IR-23	UT03MW11A	ANTIMONY	3.7 ND	ug/L	5,000	DMETAL	9936M006	
IR-23	UT03MW11A	ARSENIC	5.2 ND	ug/L	360	DMETAL	9936M006	
IR-23	UT03MW11A	BARIUM	87.7	ug/L	5,040	DMETAL	9936M006	
IR-23	UT03MW11A	BENZENE	10 ND	ug/L	--	VOA	9936M006	
IR-23	UT03MW11A	BERYLLIUM	0.4 ND	ug/L	14	DMETAL	9936M006	
IR-23	UT03MW11A	BROMODICHLOROMETHANE	10 ND	ug/L	--	VOA	9936M006	
IR-23	UT03MW11A	BROMOFORM	10 ND	ug/L	--	VOA	9936M006	
IR-23	UT03MW11A	BROMOMETHANE	10 ND	ug/L	--	VOA	9936M006	

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IR Site	Monitoring Well ID	Analyte	Analytical Result (ug/L)	Units	Trigger Level (ug/L)	Analytical Group	Sample Number	Associated Sample Number
IR-23	UT03MW11A	CADMIUM	0.9 ND	ug/L	93	DMETAL	9936M006	
IR-23	UT03MW11A	CALCIUM	27,800	ug/L	--	DMETAL	9936M006	
IR-23	UT03MW11A	CARBON DISULFIDE	10 ND	ug/L	--	VOA	9936M006	
IR-23	UT03MW11A	CARBON TETRACHLORIDE	10 ND	ug/L	--	VOA	9936M006	
IR-23	UT03MW11A	CHLOROBENZENE	10 ND	ug/L	--	VOA	9936M006	
IR-23	UT03MW11A	CHLOROETHANE	10 ND	ug/L	--	VOA	9936M006	
IR-23	UT03MW11A	CHLOROFORM	10 ND	ug/L	--	VOA	9936M006	
IR-23	UT03MW11A	CHLOROMETHANE	10 ND	ug/L	--	VOA	9936M006	
IR-23	UT03MW11A	CHROMIUM	7.9	ug/L	157	DMETAL	9936M006	
IR-23	UT03MW11A	CHROMIUM VI	10	ug/L	--	CHROM	9936M006	
IR-23	UT03MW11A	CIS-1,3-DICHLOROPROPENE	10 ND	ug/L	--	VOA	9936M006	
IR-23	UT03MW11A	COBALT	2.5 ND	ug/L	208	DMETAL	9936M006	
IR-23	UT03MW11A	COPPER	2.9 ND	ug/L	280	DMETAL	9936M006	
IR-23	UT03MW11A	DIBROMOCHLOROMETHANE	10 ND	ug/L	--	VOA	9936M006	
IR-23	UT03MW11A	ETHYLBENZENE	10 ND	ug/L	--	VOA	9936M006	
IR-23	UT03MW11A	GASOLINE RANGE ORGANICS	50 ND	ug/L	1,250	TPHPRG	9936M006	
IR-23	UT03MW11A	IRON	20.8 ND	ug/L	--	DMETAL	9936M006	
IR-23	UT03MW11A	LEAD	0.8 ND	ug/L	144	DMETAL	9936M006	
IR-23	UT03MW11A	MAGNESIUM	131,000	ug/L	--	DMETAL	9936M006	
IR-23	UT03MW11A	MANGANESE	147	ug/L	81,400	DMETAL	9936M006	
IR-23	UT03MW11A	MERCURY	0.1 ND	ug/L	6	DMETAL	9936M006	
IR-23	UT03MW11A	METHYLENE CHLORIDE	10 ND	ug/L	--	VOA	9936M006	
IR-23	UT03MW11A	MOLYBDENUM	2.1	ug/L	--	DMETAL	9936M006	
IR-23	UT03MW11A	MOTOR OIL RANGE ORGANICS	100 ND	ug/L	--	TPHEXT	9936M006	
IR-23	UT03MW11A	NICKEL	11.2	ug/L	965	DMETAL	9936M006	
IR-23	UT03MW11A	POTASSIUM	29,600	ug/L	--	DMETAL	9936M006	
IR-23	UT03MW11A	PROPANE, 2-METHOXY-2-METHYL-	5 ND	ug/L	--	VOA	9936M006	
IR-23	UT03MW11A	SELENIUM	6.9 ND	ug/L	--	DMETAL	9936M006	
IR-23	UT03MW11A	SILVER	1.5 ND	ug/L	74.3	DMETAL	9936M006	
IR-23	UT03MW11A	SODIUM	517,000	ug/L	--	DMETAL	9936M006	
IR-23	UT03MW11A	STYRENE	10 ND	ug/L	--	VOA	9936M006	
IR-23	UT03MW11A	TETRACHLOROETHENE	10 ND	ug/L	--	VOA	9936M006	
IR-23	UT03MW11A	THALLIUM	3 ND	ug/L	130	DMETAL	9936M006	
IR-23	UT03MW11A	TOLUENE	10 ND	ug/L	--	VOA	9936M006	
IR-23	UT03MW11A	TPH-EXTRACTABLE UNKNOWN HYDROCARBON	100 ND	ug/L	--	TPHEXT	9936M006	
IR-23	UT03MW11A	TRANS-1,3-DICHLOROPROPENE	10 ND	ug/L	--	VOA	9936M006	
IR-23	UT03MW11A	TRICHLOROETHENE	10 ND	ug/L	2,000	VOA	9936M006	
IR-23	UT03MW11A	VANADIUM	3.4	ug/L	--	DMETAL	9936M006	
IR-23	UT03MW11A	VINYL CHLORIDE	10 ND	ug/L	550	VOA	9936M006	
IR-23	UT03MW11A	XYLENE (TOTAL)	10 ND	ug/L	--	VOA	9936M006	
IR-23	UT03MW11A	ZINC	3.2 ND	ug/L	810	DMETAL	9936M006	
IR-25	**IR06MW42A**	**UTILITY LINE MONITORING WELL**						
IR-25	IR06MW42A	1,1,1-TRICHLOROETHANE	10 ND	ug/L	--	VOA	9937F017	
IR-25	IR06MW42A	1,1,2,2-TETRACHLOROETHANE	10 ND	ug/L	--	VOA	9937F017	
IR-25	IR06MW42A	1,1,2-TRICHLOROETHANE	10 ND	ug/L	--	VOA	9937F017	
IR-25	IR06MW42A	1,1-DICHLOROETHANE	10 ND	ug/L	--	VOA	9937F017	
IR-25	IR06MW42A	1,1-DICHLOROETHENE	10 ND	ug/L	--	VOA	9937F017	
IR-25	IR06MW42A	1,2,4-TRICHLOROBENZENE	11 ND	ug/L	--	SVOA	9937F017A	
IR-25	IR06MW42A	1,2-DICHLOROBENZENE	5 ND	ug/L	--	SVOA	9937F017A	
IR-25	IR06MW42A	1,2-DICHLOROETHANE	10 ND	ug/L	--	VOA	9937F017	
IR-25	IR06MW42A	1,2-DICHLOROETHENE (TOTAL)	10 ND	ug/L	--	VOA	9937F017	

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IR Site	Monitoring Well ID	Analyte	Analytical Result (ug/L)	Units	Trigger Level (ug/L)	Analytical Group	Sample Number	Associated Sample Number
IR-25	IR06MW42A	1,2-DICHLOROPROPANE	10 ND	ug/L	--	VOA	9937F017	
IR-25	IR06MW42A	1,3-DICHLOROBENZENE	5 ND	ug/L	--	SVOA	9937F017A	
IR-25	IR06MW42A	1,4-DICHLOROBENZENE	5 ND	ug/L	--	SVOA	9937F017A	
IR-25	IR06MW42A	2,2'-OXYBIS(1-CHLOROPROPANE)	11 ND	ug/L	--	SVOA	9937F017A	
IR-25	IR06MW42A	2,4,5-TRICHLOROPHENOL	11 ND	ug/L	--	SVOA	9937F017A	
IR-25	IR06MW42A	2,4,6-TRICHLOROPHENOL	11 ND	ug/L	--	SVOA	9937F017A	
IR-25	IR06MW42A	2,4-DICHLOROPHENOL	11 ND	ug/L	--	SVOA	9937F017A	
IR-25	IR06MW42A	2,4-DIMETHYLPHENOL	11 ND	ug/L	--	SVOA	9937F017A	
IR-25	IR06MW42A	2,4-DINITROPHENOL	11 ND	ug/L	--	SVOA	9937F017A	
IR-25	IR06MW42A	2,4-DINITROTOLUENE	11 ND	ug/L	--	SVOA	9937F017A	
IR-25	IR06MW42A	2,6-DINITROTOLUENE	11 ND	ug/L	--	SVOA	9937F017A	
IR-25	IR06MW42A	2-BUTANONE	10 ND	ug/L	--	VOA	9937F017	
IR-25	IR06MW42A	2-CHLORONAPHTHALENE	11 ND	ug/L	--	SVOA	9937F017A	
IR-25	IR06MW42A	2-CHLOROPHENOL	11 ND	ug/L	--	SVOA	9937F017A	
IR-25	IR06MW42A	2-HEXANONE	10 ND	ug/L	--	VOA	9937F017	
IR-25	IR06MW42A	2-METHYLNAPHTHALENE	0.7	ug/L	--	SVOA	9937F017A	
IR-25	IR06MW42A	2-METHYLPHENOL	11 ND	ug/L	--	SVOA	9937F017A	
IR-25	IR06MW42A	2-NITROANILINE	11 ND	ug/L	--	SVOA	9937F017A	
IR-25	IR06MW42A	2-NITROPHENOL	11 ND	ug/L	--	SVOA	9937F017A	
IR-25	IR06MW42A	3,3'-DICHLOROBENZIDINE	11 ND	ug/L	--	SVOA	9937F017A	
IR-25	IR06MW42A	3-NITROANILINE	11 ND	ug/L	--	SVOA	9937F017A	
IR-25	IR06MW42A	4,4'-DDD	0.1 ND	ug/L	--	PEST	9937F017A	
IR-25	IR06MW42A	4,4'-DDE	0.1 ND	ug/L	--	PEST	9937F017A	
IR-25	IR06MW42A	4,4'-DDT	0.1 ND	ug/L	--	PEST	9937F017A	
IR-25	IR06MW42A	4,6-DINITRO-2-METHYLPHENOL	11 ND	ug/L	--	SVOA	9937F017A	
IR-25	IR06MW42A	4-BROMOPHENYL-PHENYLETHER	11 ND	ug/L	--	SVOA	9937F017A	
IR-25	IR06MW42A	4-CHLORO-3-METHYLPHENOL	11 ND	ug/L	--	SVOA	9937F017A	
IR-25	IR06MW42A	4-CHLOROANILINE	11 ND	ug/L	--	SVOA	9937F017A	
IR-25	IR06MW42A	4-CHLOROPHENYL-PHENYLETHER	11 ND	ug/L	--	SVOA	9937F017A	
IR-25	IR06MW42A	4-METHYL-2-PENTANONE	10 ND	ug/L	--	VOA	9937F017	
IR-25	IR06MW42A	4-METHYLPHENOL	11 ND	ug/L	--	SVOA	9937F017A	
IR-25	IR06MW42A	4-NITROANILINE	11 ND	ug/L	--	SVOA	9937F017A	
IR-25	IR06MW42A	4-NITROPHENOL	11 ND	ug/L	--	SVOA	9937F017A	
IR-25	IR06MW42A	ACENAPHTHENE	27	ug/L	--	SVOA	9937F017A	
IR-25	IR06MW42A	ACENAPHTHYLENE	0.5	ug/L	--	SVOA	9937F017A	
IR-25	IR06MW42A	ACETONE	10 ND	ug/L	--	VOA	9937F017	
IR-25	IR06MW42A	ALDRIN	0.05 ND	ug/L	--	PEST	9937F017A	
IR-25	IR06MW42A	ALPHA-BHC	0.05 ND	ug/L	--	PEST	9937F017A	
IR-25	IR06MW42A	ALPHA-CHLORDANE	0.05 ND	ug/L	--	PEST	9937F017A	
IR-25	IR06MW42A	ALUMINUM	18.9 ND	ug/L	--	DMETAL	9937F017	
IR-25	IR06MW42A	ANTHRACENE	0.5	ug/L	--	SVOA	9937F017A	
IR-25	IR06MW42A	ANTIMONY	5.2 ND	ug/L	15,000	DMETAL	9937F017	
IR-25	IR06MW42A	AROCLOR-1016	1 ND	ug/L	5,000	PEST	9937F017A	
IR-25	IR06MW42A	AROCLOR-1221	2 ND	ug/L	5,000	PEST	9937F017A	
IR-25	IR06MW42A	AROCLOR-1232	1 ND	ug/L	5,000	PEST	9937F017A	
IR-25	IR06MW42A	AROCLOR-1242	1 ND	ug/L	5,000	PEST	9937F017A	
IR-25	IR06MW42A	AROCLOR-1248	1 ND	ug/L	5,000	PEST	9937F017A	
IR-25	IR06MW42A	AROCLOR-1254	1 ND	ug/L	5,000	PEST	9937F017A	
IR-25	IR06MW42A	AROCLOR-1260	1 ND	ug/L	5,000	PEST	9937F017A	
IR-25	IR06MW42A	ARSENIC	2.5 ND	ug/L	4,000	DMETAL	9937F017	
IR-25	IR06MW42A	BARIUM	806	ug/L	100,000	DMETAL	9937F017	

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IR Site	Monitoring Well ID	Analyte	Analytical Result (ug/L)	Units	Trigger Level (ug/L)	Analytical Group	Sample Number	Associated Sample Number
IR-25	IR06MW42A	BENZENE	10 ND	ug/L	--	VOA	9937F017	
IR-25	IR06MW42A	BENZO(A)ANTHRACENE	11 ND	ug/L	--	SVOA	9937F017A	
IR-25	IR06MW42A	BENZO(A)PYRENE	11 ND	ug/L	--	SVOA	9937F017A	
IR-25	IR06MW42A	BENZO(B)FLUORANTHENE	11 ND	ug/L	--	SVOA	9937F017A	
IR-25	IR06MW42A	BENZO(G,H,I)PERYLENE	11 ND	ug/L	--	SVOA	9937F017A	
IR-25	IR06MW42A	BENZO(K)FLUORANTHENE	11 ND	ug/L	--	SVOA	9937F017A	
IR-25	IR06MW42A	BERYLLIUM	0.4 ND	ug/L	750	DMETAL	9937F017	
IR-25	IR06MW42A	BETA-BHC	0.05 ND	ug/L	--	PEST	9937F017A	
IR-25	IR06MW42A	BIS(2-CHLOROETHOXY)METHANE	11 ND	ug/L	--	SVOA	9937F017A	
IR-25	IR06MW42A	BIS(2-CHLOROETHYL)ETHER	11 ND	ug/L	--	SVOA	9937F017A	
IR-25	IR06MW42A	BIS(2-ETHYLHEXYL)PHTHALATE	4 ND	ug/L	--	SVOA	9937F017A	
IR-25	IR06MW42A	BROMODICHLOROMETHANE	10 ND	ug/L	--	VOA	9937F017	
IR-25	IR06MW42A	BROMOFORM	10 ND	ug/L	--	VOA	9937F017	
IR-25	IR06MW42A	BROMOMETHANE	10 ND	ug/L	--	VOA	9937F017	
IR-25	IR06MW42A	BUTYLBENZYLPHTHALATE	11 ND	ug/L	--	SVOA	9937F017A	
IR-25	IR06MW42A	CADMIUM	0.4 ND	ug/L	500	DMETAL	9937F017	
IR-25	IR06MW42A	CALCIUM	94,000	ug/L	--	DMETAL	9937F017	
IR-25	IR06MW42A	CARBAZOLE	11 ND	ug/L	--	SVOA	9937F017A	
IR-25	IR06MW42A	CARBON DISULFIDE	10 ND	ug/L	--	VOA	9937F017	
IR-25	IR06MW42A	CARBON TETRACHLORIDE	10 ND	ug/L	--	VOA	9937F017	
IR-25	IR06MW42A	CHLOROBENZENE	10 ND	ug/L	--	VOA	9937F017	
IR-25	IR06MW42A	CHLOROETHANE	10 ND	ug/L	--	VOA	9937F017	
IR-25	IR06MW42A	CHLOROFORM	10 ND	ug/L	--	VOA	9937F017	
IR-25	IR06MW42A	CHLOROMETHANE	10 ND	ug/L	--	VOA	9937F017	
IR-25	IR06MW42A	CHROMIUM	1.3 ND	ug/L	5,000	DMETAL	9937F017	
IR-25	IR06MW42A	CHROMIUM VI	10	ug/L	5	CHROM	9937F017	
IR-25	IR06MW42A	CHRYSENE	11 ND	ug/L	--	SVOA	9937F017A	
IR-25	IR06MW42A	CIS-1,3-DICHLOROPROPENE	10 ND	ug/L	--	VOA	9937F017	
IR-25	IR06MW42A	COBALT	2.5 ND	ug/L	80,000	DMETAL	9937F017	
IR-25	IR06MW42A	COPPER	2.2 ND	ug/L	4,000	DMETAL	9937F017	
IR-25	IR06MW42A	DELTA-BHC	0.05 ND	ug/L	--	PEST	9937F017A	
IR-25	IR06MW42A	DIBENZ(A,H)ANTHRACENE	11 ND	ug/L	--	SVOA	9937F017A	
IR-25	IR06MW42A	DIBENZOFURAN	1	ug/L	--	SVOA	9937F017A	
IR-25	IR06MW42A	DIBROMOCHLOROMETHANE	10 ND	ug/L	--	VOA	9937F017	
IR-25	IR06MW42A	DIELDRIN	0.1 ND	ug/L	--	PEST	9937F017A	
IR-25	IR06MW42A	DIETHYLPHTHALATE	11 ND	ug/L	--	SVOA	9937F017A	
IR-25	IR06MW42A	DIMETHYLPHTHALATE	11 ND	ug/L	--	SVOA	9937F017A	
IR-25	IR06MW42A	DI-N-BUTYLPHTHALATE	11 ND	ug/L	--	SVOA	9937F017A	
IR-25	IR06MW42A	DI-N-OCTYLPHTHALATE	11 ND	ug/L	--	SVOA	9937F017A	
IR-25	IR06MW42A	ENDOSULFAN I	0.05 ND	ug/L	--	PEST	9937F017A	
IR-25	IR06MW42A	ENDOSULFAN II	0.1 ND	ug/L	--	PEST	9937F017A	
IR-25	IR06MW42A	ENDOSULFAN SULFATE	0.1 ND	ug/L	--	PEST	9937F017A	
IR-25	IR06MW42A	ENDRIN	0.1 ND	ug/L	--	PEST	9937F017A	
IR-25	IR06MW42A	ENDRIN ALDEHYDE	0.1 ND	ug/L	--	PEST	9937F017A	
IR-25	IR06MW42A	ENDRIN KETONE	0.1 ND	ug/L	--	PEST	9937F017A	
IR-25	IR06MW42A	ETHYLBENZENE	10 ND	ug/L	--	VOA	9937F017	
IR-25	IR06MW42A	FLUORANTHENE	1	ug/L	--	SVOA	9937F017A	
IR-25	IR06MW42A	FLUORENE	11 ND	ug/L	--	SVOA	9937F017A	
IR-25	IR06MW42A	GAMMA-BHC (LINDANE)	0.05 ND	ug/L	--	PEST	9937F017A	
IR-25	IR06MW42A	GAMMA-CHLORDANE	0.02 ND	ug/L	--	PEST	9937F017A	
IR-25	IR06MW42A	GASOLINE RANGE ORGANICS	50 ND	ug/L	1,250	TPHPRG	9937F017	

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IR Site	Monitoring Well ID	Analyte	Analytical Result (ug/L)	Units	Trigger Level (ug/L)	Analytical Group	Sample Number	Associated Sample Number
IR-25	IR06MW42A	HEPTACHLOR	0.05 ND	ug/L	--	PEST	9937F017A	
IR-25	IR06MW42A	HEPTACHLOR EPOXIDE	0.05 ND	ug/L	--	PEST	9937F017A	
IR-25	IR06MW42A	HEXACHLOROBENZENE	11 ND	ug/L	--	SVOA	9937F017A	
IR-25	IR06MW42A	HEXACHLOROBUTADIENE	11 ND	ug/L	--	SVOA	9937F017A	
IR-25	IR06MW42A	HEXACHLOROCYCLOPENTADIENE	11 ND	ug/L	--	SVOA	9937F017A	
IR-25	IR06MW42A	HEXACHLOROETHANE	11 ND	ug/L	--	SVOA	9937F017A	
IR-25	IR06MW42A	INDENO(1,2,3-CD)PYRENE	11 ND	ug/L	--	SVOA	9937F017A	
IR-25	IR06MW42A	IRON	7,570	ug/L	--	DMETAL	9937F017	
IR-25	IR06MW42A	ISOPHORONE	11 ND	ug/L	--	SVOA	9937F017A	
IR-25	IR06MW42A	LEAD	0.8 ND	ug/L	1,500	DMETAL	9937F017	
IR-25	IR06MW42A	MAGNESIUM	228,000	ug/L	--	DMETAL	9937F017	
IR-25	IR06MW42A	MANGANESE	2,590	ug/L	--	DMETAL	9937F017	
IR-25	IR06MW42A	MERCURY	0.1 ND	ug/L	50	DMETAL	9937F017	
IR-25	IR06MW42A	METHOXYCHLOR	0.5 ND	ug/L	--	PEST	9937F017A	
IR-25	IR06MW42A	METHYLENE CHLORIDE	10 ND	ug/L	--	VOA	9937F017	
IR-25	IR06MW42A	MOLYBDENUM	1.4 ND	ug/L	--	DMETAL	9937F017	
IR-25	IR06MW42A	MOTOR OIL RANGE ORGANICS	100 ND	ug/L	--	TPHEXT	9937F017	
IR-25	IR06MW42A	NAPHTHALENE	11 ND	ug/L	--	SVOA	9937F017A	
IR-25	IR06MW42A	NICKEL	2.3 ND	ug/L	2,000	DMETAL	9937F017	
IR-25	IR06MW42A	NITROBENZENE	11 ND	ug/L	--	SVOA	9937F017A	
IR-25	IR06MW42A	N-NITROSO-DI-N-PROPYLAMINE	11 ND	ug/L	--	SVOA	9937F017A	
IR-25	IR06MW42A	N-NITROSODIPHENYLAMINE	11 ND	ug/L	--	SVOA	9937F017A	
IR-25	IR06MW42A	PENTACHLOROPHENOL	11 ND	ug/L	--	SVOA	9937F017A	
IR-25	IR06MW42A	PHENANTHRENE	2	ug/L	--	SVOA	9937F017A	
IR-25	IR06MW42A	PHENOL	11 ND	ug/L	--	SVOA	9937F017A	
IR-25	IR06MW42A	POTASSIUM	34,000	ug/L	--	DMETAL	9937F017	
IR-25	IR06MW42A	PROPANE, 2-METHOXY-2-METHYL-	5 ND	ug/L	--	VOA	9937F017	
IR-25	IR06MW42A	PYRENE	0.8	ug/L	--	SVOA	9937F017A	
IR-25	IR06MW42A	SELENIUM	2.9 ND	ug/L	--	DMETAL	9937F017	
IR-25	IR06MW42A	SILVER	1.5 ND	ug/L	600	DMETAL	9937F017	
IR-25	IR06MW42A	SODIUM	1,070,000	ug/L	--	DMETAL	9937F017	
IR-25	IR06MW42A	STYRENE	10 ND	ug/L	--	VOA	9937F017	
IR-25	IR06MW42A	TETRACHLOROETHENE	10 ND	ug/L	--	VOA	9937F017	
IR-25	IR06MW42A	THALLIUM	16.2 ND	ug/L	7,000	DMETAL	9937F017	
IR-25	IR06MW42A	TOLUENE	10 ND	ug/L	--	VOA	9937F017	
IR-25	IR06MW42A	TOXAPHENE	5 ND	ug/L	--	PEST	9937F017A	
IR-25	IR06MW42A	TPH-EXTRACTABLE UNKNOWN HYDROCARBON	300	ug/L	--	TPHEXT	9937F017	
IR-25	IR06MW42A	TRANS-1,3-DICHLOROPROPENE	10 ND	ug/L	--	VOA	9937F017	
IR-25	IR06MW42A	TRICHLOROETHENE	10 ND	ug/L	--	VOA	9937F017	
IR-25	IR06MW42A	VANADIUM	2.9 ND	ug/L	--	DMETAL	9937F017	
IR-25	IR06MW42A	VINYL CHLORIDE	10 ND	ug/L	200	VOA	9937F017	
IR-25	IR06MW42A	XYLENE (TOTAL)	10 ND	ug/L	--	VOA	9937F017	
IR-25	IR06MW42A	ZINC	3	ug/L	7,000	DMETAL	9937F017	
IR-25	**IR06MW45A**	**SENTINEL MONITORING WELL**						
IR-25	IR06MW45A	1,1,1-TRICHLOROETHANE	10 ND	ug/L	--	VOA	9937M012	
IR-25	IR06MW45A	1,1,2,2-TETRACHLOROETHANE	10 ND	ug/L	--	VOA	9937M012	
IR-25	IR06MW45A	1,1,2-TRICHLOROETHANE	10 ND	ug/L	--	VOA	9937M012	
IR-25	IR06MW45A	1,1-DICHLOROETHANE	10 ND	ug/L	--	VOA	9937M012	
IR-25	IR06MW45A	1,1-DICHLOROETHENE	10 ND	ug/L	--	VOA	9937M012	
IR-25	IR06MW45A	1,2-DICHLOROETHANE	10 ND	ug/L	--	VOA	9937M012	
IR-25	IR06MW45A	1,2-DICHLOROETHENE (TOTAL)	10 ND	ug/L	224,000	VOA	9937M012	

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IR Site	Monitoring Well ID	Analyte	Analytical Result (ug/L)	Units	Trigger Level (ug/L)	Analytical Group	Sample Number	Associated Sample Number
IR-25	IR06MW45A	1,2-DICHLOROPROPANE	10 ND	ug/L	--	VOA	9937M012	
IR-25	IR06MW45A	2-BUTANONE	10 ND	ug/L	--	VOA	9937M012	
IR-25	IR06MW45A	2-HEXANONE	10 ND	ug/L	--	VOA	9937M012	
IR-25	IR06MW45A	4-METHYL-2-PENTANONE	10 ND	ug/L	--	VOA	9937M012	
IR-25	IR06MW45A	ACETONE	10 ND	ug/L	--	VOA	9937M012	
IR-25	IR06MW45A	ALUMINUM	18.9 ND	ug/L	--	DMETAL	9937M012	
IR-25	IR06MW45A	ANTIMONY	5.2 ND	ug/L	5,000	DMETAL	9937M012	
IR-25	IR06MW45A	ARSENIC	6.9	ug/L	360	DMETAL	9937M012	
IR-25	IR06MW45A	BARIUM	127	ug/L	5,040	DMETAL	9937M012	
IR-25	IR06MW45A	BENZENE	10 ND	ug/L	--	VOA	9937M012	
IR-25	IR06MW45A	BERYLLIUM	0.67	ug/L	14	DMETAL	9937M012	
IR-25	IR06MW45A	BROMODICHLOROMETHANE	10 ND	ug/L	--	VOA	9937M012	
IR-25	IR06MW45A	BROMOFORM	10 ND	ug/L	--	VOA	9937M012	
IR-25	IR06MW45A	BROMOMETHANE	10 ND	ug/L	--	VOA	9937M012	
IR-25	IR06MW45A	CADMIUM	0.4 ND	ug/L	93	DMETAL	9937M012	
IR-25	IR06MW45A	CALCIUM	332,000	ug/L	--	DMETAL	9937M012	
IR-25	IR06MW45A	CARBON DISULFIDE	10 ND	ug/L	--	VOA	9937M012	
IR-25	IR06MW45A	CARBON TETRACHLORIDE	10 ND	ug/L	--	VOA	9937M012	
IR-25	IR06MW45A	CHLOROBENZENE	10 ND	ug/L	--	VOA	9937M012	
IR-25	IR06MW45A	CHLOROETHANE	10 ND	ug/L	--	VOA	9937M012	
IR-25	IR06MW45A	CHLOROFORM	10 ND	ug/L	--	VOA	9937M012	
IR-25	IR06MW45A	CHLOROMETHANE	10 ND	ug/L	--	VOA	9937M012	
IR-25	IR06MW45A	CHROMIUM	2.2	ug/L	157	DMETAL	9937M012	
IR-25	IR06MW45A	CHROMIUM VI	10	ug/L	--	CHROM	9937M012	
IR-25	IR06MW45A	CIS-1,3-DICHLOROPROPENE	10 ND	ug/L	--	VOA	9937M012	
IR-25	IR06MW45A	COBALT	2.5 ND	ug/L	208	DMETAL	9937M012	
IR-25	IR06MW45A	COPPER	2.2 ND	ug/L	280	DMETAL	9937M012	
IR-25	IR06MW45A	DIBROMOCHLOROMETHANE	10 ND	ug/L	--	VOA	9937M012	
IR-25	IR06MW45A	ETHYLBENZENE	10 ND	ug/L	--	VOA	9937M012	
IR-25	IR06MW45A	GASOLINE RANGE ORGANICS	50 ND	ug/L	1,250	TPHPRG	9937M012	
IR-25	IR06MW45A	IRON	245 ND	ug/L	--	DMETAL	9937M012	
IR-25	IR06MW45A	LEAD	0.8 ND	ug/L	144	DMETAL	9937M012	
IR-25	IR06MW45A	MAGNESIUM	1,060,000	ug/L	--	DMETAL	9937M012	
IR-25	IR06MW45A	MANGANESE	394	ug/L	81,400	DMETAL	9937M012	
IR-25	IR06MW45A	MERCURY	0.1 ND	ug/L	6	DMETAL	9937M012	
IR-25	IR06MW45A	METHYLENE CHLORIDE	10 ND	ug/L	--	VOA	9937M012	
IR-25	IR06MW45A	MOLYBDENUM	10.1	ug/L	--	DMETAL	9937M012	
IR-25	IR06MW45A	MOTOR OIL RANGE ORGANICS	100 ND	ug/L	--	TPHEXT	9937M012	
IR-25	IR06MW45A	NICKEL	16.2	ug/L	965	DMETAL	9937M012	
IR-25	IR06MW45A	POTASSIUM	395,000	ug/L	--	DMETAL	9937M012	
IR-25	IR06MW45A	PROPANE, 2-METHOXY-2-METHYL-	5 ND	ug/L	--	VOA	9937M012	
IR-25	IR06MW45A	SELENIUM	7.7	ug/L	--	DMETAL	9937M012	
IR-25	IR06MW45A	SILVER	3.2 ND	ug/L	74.3	DMETAL	9937M012	
IR-25	IR06MW45A	SODIUM	7,690,000	ug/L	--	DMETAL	9937M012	
IR-25	IR06MW45A	STYRENE	10 ND	ug/L	--	VOA	9937M012	
IR-25	IR06MW45A	TETRACHLOROETHENE	10 ND	ug/L	--	VOA	9937M012	
IR-25	IR06MW45A	THALLIUM	3 ND	ug/L	130	DMETAL	9937M012	
IR-25	IR06MW45A	TOLUENE	10 ND	ug/L	--	VOA	9937M012	
IR-25	IR06MW45A	TPH-EXTRACTABLE UNKNOWN HYDROCARBON	100 ND	ug/L	--	TPHEXT	9937M012	
IR-25	IR06MW45A	TRANS-1,3-DICHLOROPROPENE	10 ND	ug/L	--	VOA	9937M012	
IR-25	IR06MW45A	TRICHLOROETHENE	10 ND	ug/L	2,000	VOA	9937M012	

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IR Site	Monitoring Well ID	Analyte	Analytical Result (ug/L)	Units	Trigger Level (ug/L)	Analytical Group	Sample Number	Associated Sample Number
IR-25	IR06MW45A	VANADIUM	4.6	ug/L	--	DMETAL	9937M012	
IR-25	IR06MW45A	VINYL CHLORIDE	10 ND	ug/L	550	VOA	9937M012	
IR-25	IR06MW45A	XYLENE (TOTAL)	10 ND	ug/L	--	VOA	9937M012	
IR-25	IR06MW45A	ZINC	29.4	ug/L	810	DMETAL	9937M012	
IR-25	**IR25MW17A**	**SENTINEL MONITORING WELL**						
IR-25	IR25MW17A	1,1,1-TRICHLOROETHANE	10 ND	ug/L	--	VOA	9937M011	
IR-25	IR25MW17A	1,1,2,2-TETRACHLOROETHANE	10 ND	ug/L	--	VOA	9937M011	
IR-25	IR25MW17A	1,1,2-TRICHLOROETHANE	10 ND	ug/L	--	VOA	9937M011	
IR-25	IR25MW17A	1,1-DICHLOROETHANE	10 ND	ug/L	--	VOA	9937M011	
IR-25	IR25MW17A	1,1-DICHLOROETHENE	10 ND	ug/L	--	VOA	9937M011	
IR-25	IR25MW17A	1,2-DICHLOROETHANE	5	ug/L	--	VOA	9937M011	
IR-25	IR25MW17A	1,2-DICHLOROETHENE (TOTAL)	10 ND	ug/L	224,000	VOA	9937M011	
IR-25	IR25MW17A	1,2-DICHLOROPROPANE	10 ND	ug/L	--	VOA	9937M011	
IR-25	IR25MW17A	2-BUTANONE	10 ND	ug/L	--	VOA	9937M011	
IR-25	IR25MW17A	2-HEXANONE	10 ND	ug/L	--	VOA	9937M011	
IR-25	IR25MW17A	4-METHYL-2-PENTANONE	10 ND	ug/L	--	VOA	9937M011	
IR-25	IR25MW17A	ACETONE	10 ND	ug/L	--	VOA	9937M011	
IR-25	IR25MW17A	ALUMINUM	18.9 ND	ug/L	--	DMETAL	9937M011	
IR-25	IR25MW17A	ANTIMONY	5.2 ND	ug/L	5,000	DMETAL	9937M011	
IR-25	IR25MW17A	ARSENIC	3.2	ug/L	360	DMETAL	9937M011	
IR-25	IR25MW17A	BARIUM	36.8	ug/L	5,040	DMETAL	9937M011	
IR-25	IR25MW17A	BENZENE	10 ND	ug/L	--	VOA	9937M011	
IR-25	IR25MW17A	BERYLLIUM	0.4 ND	ug/L	14	DMETAL	9937M011	
IR-25	IR25MW17A	BROMODICHLOROMETHANE	10 ND	ug/L	--	VOA	9937M011	
IR-25	IR25MW17A	BROMOFORM	10 ND	ug/L	--	VOA	9937M011	
IR-25	IR25MW17A	BROMOMETHANE	10 ND	ug/L	--	VOA	9937M011	
IR-25	IR25MW17A	CADMIUM	0.4 ND	ug/L	93	DMETAL	9937M011	
IR-25	IR25MW17A	CALCIUM	147,000	ug/L	--	DMETAL	9937M011	
IR-25	IR25MW17A	CARBON DISULFIDE	10 ND	ug/L	--	VOA	9937M011	
IR-25	IR25MW17A	CARBON TETRACHLORIDE	10 ND	ug/L	--	VOA	9937M011	
IR-25	IR25MW17A	CHLOROBENZENE	10 ND	ug/L	--	VOA	9937M011	
IR-25	IR25MW17A	CHLOROETHANE	10 ND	ug/L	--	VOA	9937M011	
IR-25	IR25MW17A	CHLOROFORM	10 ND	ug/L	--	VOA	9937M011	
IR-25	IR25MW17A	CHLOROMETHANE	10 ND	ug/L	--	VOA	9937M011	
IR-25	IR25MW17A	CHROMIUM	1.7	ug/L	157	DMETAL	9937M011	
IR-25	IR25MW17A	CHROMIUM VI	10	ug/L	--	CHROM	9937M011	
IR-25	IR25MW17A	CIS-1,3-DICHLOROPROPENE	10 ND	ug/L	--	VOA	9937M011	
IR-25	IR25MW17A	COBALT	2.5 ND	ug/L	208	DMETAL	9937M011	
IR-25	IR25MW17A	COPPER	2.2 ND	ug/L	280	DMETAL	9937M011	
IR-25	IR25MW17A	DIBROMOCHLOROMETHANE	10 ND	ug/L	--	VOA	9937M011	
IR-25	IR25MW17A	ETHYLBENZENE	10 ND	ug/L	--	VOA	9937M011	
IR-25	IR25MW17A	GASOLINE RANGE ORGANICS	50 ND	ug/L	1,250	TPHPRG	9937M011	
IR-25	IR25MW17A	IRON	20.8 ND	ug/L	--	DMETAL	9937M011	
IR-25	IR25MW17A	LEAD	0.8 ND	ug/L	144	DMETAL	9937M011	
IR-25	IR25MW17A	MAGNESIUM	604,000	ug/L	--	DMETAL	9937M011	
IR-25	IR25MW17A	MANGANESE	369	ug/L	81,400	DMETAL	9937M011	
IR-25	IR25MW17A	MERCURY	0.1 ND	ug/L	6	DMETAL	9937M011	
IR-25	IR25MW17A	METHYLENE CHLORIDE	10 ND	ug/L	--	VOA	9937M011	
IR-25	IR25MW17A	MOLYBDENUM	2.3	ug/L	--	DMETAL	9937M011	
IR-25	IR25MW17A	MOTOR OIL RANGE ORGANICS	200 ND	ug/L	--	TPHEXT	9937M011	
IR-25	IR25MW17A	NICKEL	15.3	ug/L	965	DMETAL	9937M011	

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IR Site	Monitoring Well ID	Analyte	Analytical Result (ug/L)	Units	Trigger Level (ug/L)	Analytical Group	Sample Number	Associated Sample Number
IR-25	IR25MW17A	POTASSIUM	2,690	ug/L	--	DMETAL	9937M011	
IR-25	IR25MW17A	PROPANE, 2-METHOXY-2-METHYL-	5 ND	ug/L	--	VOA	9937M011	
IR-25	IR25MW17A	SELENIUM	6.6	ug/L	--	DMETAL	9937M011	
IR-25	IR25MW17A	SILVER	1.5 ND	ug/L	74.3	DMETAL	9937M011	
IR-25	IR25MW17A	SODIUM	212,000	ug/L	--	DMETAL	9937M011	
IR-25	IR25MW17A	STYRENE	10 ND	ug/L	--	VOA	9937M011	
IR-25	IR25MW17A	TETRACHLOROETHENE	10 ND	ug/L	--	VOA	9937M011	
IR-25	IR25MW17A	THALLIUM	3.5 ND	ug/L	130	DMETAL	9937M011	
IR-25	IR25MW17A	TOLUENE	10 ND	ug/L	--	VOA	9937M011	
IR-25	IR25MW17A	TPH-EXTRACTABLE UNKNOWN HYDROCARBON	100 ND	ug/L	--	TPHEXT	9937M011	
IR-25	IR25MW17A	TRANS-1,3-DICHLOROPROPENE	10 ND	ug/L	--	VOA	9937M011	
IR-25	IR25MW17A	TRICHLOROETHENE	10 ND	ug/L	2,000	VOA	9937M011	
IR-25	IR25MW17A	VANADIUM	4.9	ug/L	--	DMETAL	9937M011	
IR-25	IR25MW17A	VINYL CHLORIDE	10 ND	ug/L	550	VOA	9937M011	
IR-25	IR25MW17A	XYLENE (TOTAL)	10 ND	ug/L	--	VOA	9937M011	
IR-25	IR25MW17A	ZINC	5.6	ug/L	810	DMETAL	9937M011	
IR-26	**IR26MW41A**	**POINT-OF-COMPLIANCE MONITORING WELL**						
IR-26	IR26MW41A	1,1,1-TRICHLOROETHANE	10 ND	ug/L	--	VOA	9937M013	
IR-26	IR26MW41A	1,1,2,2-TETRACHLOROETHANE	10 ND	ug/L	--	VOA	9937M013	
IR-26	IR26MW41A	1,1,2-TRICHLOROETHANE	10 ND	ug/L	--	VOA	9937M013	
IR-26	IR26MW41A	1,1-DICHLOROETHANE	10 ND	ug/L	--	VOA	9937M013	
IR-26	IR26MW41A	1,1-DICHLOROETHENE	10 ND	ug/L	--	VOA	9937M013	
IR-26	IR26MW41A	1,2-DICHLOROETHANE	10 ND	ug/L	--	VOA	9937M013	
IR-26	IR26MW41A	1,2-DICHLOROETHENE (TOTAL)	10 ND	ug/L	22,400	VOA	9937M013	
IR-26	IR26MW41A	1,2-DICHLOROPROPANE	10 ND	ug/L	--	VOA	9937M013	
IR-26	IR26MW41A	2-BUTANONE	10 ND	ug/L	--	VOA	9937M013	
IR-26	IR26MW41A	2-HEXANONE	10 ND	ug/L	--	VOA	9937M013	
IR-26	IR26MW41A	4-METHYL-2-PENTANONE	10 ND	ug/L	--	VOA	9937M013	
IR-26	IR26MW41A	ACETONE	10 ND	ug/L	--	VOA	9937M013	
IR-26	IR26MW41A	ALUMINUM	24 ND	ug/L	--	DMETAL	9937M013	
IR-26	IR26MW41A	ANTIMONY	5.2 ND	ug/L	500	DMETAL	9937M013	
IR-26	IR26MW41A	ARSENIC	2.5 ND	ug/L	36	DMETAL	9937M013	
IR-26	IR26MW41A	BARIUM	148	ug/L	504	DMETAL	9937M013	
IR-26	IR26MW41A	BENZENE	10 ND	ug/L	--	VOA	9937M013	
IR-26	IR26MW41A	BERYLLIUM	0.4 ND	ug/L	1.4	DMETAL	9937M013	
IR-26	IR26MW41A	BROMODICHLOROMETHANE	10 ND	ug/L	--	VOA	9937M013	
IR-26	IR26MW41A	BROMOFORM	10 ND	ug/L	--	VOA	9937M013	
IR-26	IR26MW41A	BROMOMETHANE	10 ND	ug/L	--	VOA	9937M013	
IR-26	IR26MW41A	CADMIUM	0.4 ND	ug/L	9.3	DMETAL	9937M013	
IR-26	IR26MW41A	CALCIUM	280,000	ug/L	--	DMETAL	9937M013	
IR-26	IR26MW41A	CARBON DISULFIDE	10 ND	ug/L	--	VOA	9937M013	
IR-26	IR26MW41A	CARBON TETRACHLORIDE	10 ND	ug/L	--	VOA	9937M013	
IR-26	IR26MW41A	CHLOROBENZENE	10 ND	ug/L	--	VOA	9937M013	
IR-26	IR26MW41A	CHLOROETHANE	10 ND	ug/L	--	VOA	9937M013	
IR-26	IR26MW41A	CHLOROFORM	10 ND	ug/L	--	VOA	9937M013	
IR-26	IR26MW41A	CHLOROMETHANE	10 ND	ug/L	--	VOA	9937M013	
IR-26	IR26MW41A	CHROMIUM	1.4	ug/L	15.7	DMETAL	9937M013	
IR-26	IR26MW41A	CHROMIUM VI	10	ug/L	--	CHROM	9937M013	
IR-26	IR26MW41A	CIS-1,3-DICHLOROPROPENE	10 ND	ug/L	--	VOA	9937M013	
IR-26	IR26MW41A	COBALT	15.7	ug/L	20.8	DMETAL	9937M013	
IR-26	IR26MW41A	COPPER	2.2 ND	ug/L	28	DMETAL	9937M013	

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IR Site	Monitoring Well ID	Analyte	Analytical Result (ug/L)	Units	Trigger Level (ug/L)	Analytical Group	Sample Number	Associated Sample Number
IR-26	IR26MW41A	DIBROMOCHLOROMETHANE	10 ND	ug/L	--	VOA	9937M013	
IR-26	IR26MW41A	ETHYLBENZENE	10 ND	ug/L	--	VOA	9937M013	
IR-26	IR26MW41A	GASOLINE RANGE ORGANICS	50 ND	ug/L	1,250	TPHPRG	9937M013	
IR-26	IR26MW41A	IRON	2,770	ug/L	--	DMETAL	9937M013	
IR-26	IR26MW41A	LEAD	0.8 ND	ug/L	14.4	DMETAL	9937M013	
IR-26	IR26MW41A	MAGNESIUM	861,000	ug/L	--	DMETAL	9937M013	
IR-26	**IR26MW41A**	**MANGANESE**	**13,900**	**ug/L**	**8,140**	**DMETAL**	**9937M013**	
IR-26	IR26MW41A	MERCURY	0.1 ND	ug/L	0.6	DMETAL	9937M013	
IR-26	IR26MW41A	METHYLENE CHLORIDE	10 ND	ug/L	--	VOA	9937M013	
IR-26	IR26MW41A	MOLYBDENUM	1.4 ND	ug/L	--	DMETAL	9937M013	
IR-26	IR26MW41A	MOTOR OIL RANGE ORGANICS	100 ND	ug/L	--	TPHEXT	9937M013	
IR-26	**IR26MW41A**	**NICKEL**	**105**	**ug/L**	**96.5**	**DMETAL**	**9937M013**	
IR-26	IR26MW41A	POTASSIUM	3,820	ug/L	--	DMETAL	9937M013	
IR-26	IR26MW41A	PROPANE, 2-METHOXY-2-METHYL-	5 ND	ug/L	--	VOA	9937M013	
IR-26	IR26MW41A	SELENIUM	10.6	ug/L	--	DMETAL	9937M013	
IR-26	IR26MW41A	SILVER	1.5 ND	ug/L	7.43	DMETAL	9937M013	
IR-26	IR26MW41A	SODIUM	691,000	ug/L	--	DMETAL	9937M013	
IR-26	IR26MW41A	STYRENE	10 ND	ug/L	--	VOA	9937M013	
IR-26	IR26MW41A	TETRACHLOROETHENE	10 ND	ug/L	--	VOA	9937M013	
IR-26	**IR26MW41A**	**THALLIUM**	**59.7**	**ug/L**	**13**	**DMETAL**	**9937M013**	
IR-26	IR26MW41A	TOLUENE	10 ND	ug/L	--	VOA	9937M013	
IR-26	IR26MW41A	TPH-EXTRACTABLE UNKNOWN HYDROCARBON	100 ND	ug/L	--	TPHEXT	9937M013	
IR-26	IR26MW41A	TRANS-1,3-DICHLOROPROPENE	10 ND	ug/L	--	VOA	9937M013	
IR-26	IR26MW41A	TRICHLOROETHENE	10 ND	ug/L	200	VOA	9937M013	
IR-26	IR26MW41A	VANADIUM	2.9 ND	ug/L	--	DMETAL	9937M013	
IR-26	IR26MW41A	VINYL CHLORIDE	10 ND	ug/L	55	VOA	9937M013	
IR-26	IR26MW41A	XYLENE (TOTAL)	10 ND	ug/L	--	VOA	9937M013	
IR-26	IR26MW41A	ZINC	7.7	ug/L	81	DMETAL	9937M013	
IR-26	**IR26MW45A**	**POINT-OF-COMPLIANCE MONITORING WELL**						
IR-26	IR26MW45A	1,1,1-TRICHLOROETHANE	10 ND	ug/L	--	VOA	9937F018	
IR-26	IR26MW45A	1,1,1-TRICHLOROETHANE	10 ND	ug/L	--	VOA	9937F019	9937F018
IR-26	IR26MW45A	1,1,2,2-TETRACHLOROETHANE	10 ND	ug/L	--	VOA	9937F018	
IR-26	IR26MW45A	1,1,2,2-TETRACHLOROETHANE	10 ND	ug/L	--	VOA	9937F019	9937F018
IR-26	IR26MW45A	1,1,2-TRICHLOROETHANE	10 ND	ug/L	--	VOA	9937F018	
IR-26	IR26MW45A	1,1,2-TRICHLOROETHANE	10 ND	ug/L	--	VOA	9937F019	9937F018
IR-26	IR26MW45A	1,1-DICHLOROETHANE	10 ND	ug/L	--	VOA	9937F018	
IR-26	IR26MW45A	1,1-DICHLOROETHANE	10 ND	ug/L	--	VOA	9937F019	9937F018
IR-26	IR26MW45A	1,1-DICHLOROETHENE	10 ND	ug/L	--	VOA	9937F018	
IR-26	IR26MW45A	1,1-DICHLOROETHENE	10 ND	ug/L	--	VOA	9937F019	9937F018
IR-26	IR26MW45A	1,2-DICHLOROETHANE	10 ND	ug/L	--	VOA	9937F018	
IR-26	IR26MW45A	1,2-DICHLOROETHANE	10 ND	ug/L	--	VOA	9937F019	9937F018
IR-26	IR26MW45A	1,2-DICHLOROETHENE (TOTAL)	10 ND	ug/L	22,400	VOA	9937F018	
IR-26	IR26MW45A	1,2-DICHLOROETHENE (TOTAL)	10 ND	ug/L	22,400	VOA	9937F019	9937F018
IR-26	IR26MW45A	1,2-DICHLOROPROPANE	10 ND	ug/L	--	VOA	9937F018	
IR-26	IR26MW45A	1,2-DICHLOROPROPANE	10 ND	ug/L	--	VOA	9937F019	9937F018
IR-26	IR26MW45A	2-BUTANONE	10 ND	ug/L	--	VOA	9937F018	
IR-26	IR26MW45A	2-BUTANONE	10 ND	ug/L	--	VOA	9937F019	9937F018
IR-26	IR26MW45A	2-HEXANONE	10 ND	ug/L	--	VOA	9937F018	
IR-26	IR26MW45A	2-HEXANONE	10 ND	ug/L	--	VOA	9937F019	9937F018
IR-26	IR26MW45A	4-METHYL-2-PENTANONE	10 ND	ug/L	--	VOA	9937F018	
IR-26	IR26MW45A	4-METHYL-2-PENTANONE	10 ND	ug/L	--	VOA	9937F019	9937F018

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IR Site	Monitoring Well ID	Analyte	Analytical Result (ug/L)	Units	Trigger Level (ug/L)	Analytical Group	Sample Number	Associated Sample Number
IR-26	IR26MW45A	ACETONE	10 ND	ug/L	--	VOA	9937F018	
IR-26	IR26MW45A	ACETONE	10 ND	ug/L	--	VOA	9937F019	9937F018
IR-26	IR26MW45A	ALUMINUM	18.9 ND	ug/L	--	DMETAL	9937F018	
IR-26	IR26MW45A	ALUMINUM	18.9 ND	ug/L	--	DMETAL	9937F019	9937F018
IR-26	IR26MW45A	ANTIMONY	5.2 ND	ug/L	500	DMETAL	9937F018	
IR-26	IR26MW45A	ANTIMONY	5.2 ND	ug/L	500	DMETAL	9937F019	9937F018
IR-26	IR26MW45A	ARSENIC	3.1	ug/L	36	DMETAL	9937F018	
IR-26	IR26MW45A	ARSENIC	3.6	ug/L	36	DMETAL	9937F019	9937F018
IR-26	IR26MW45A	BARIUM	146	ug/L	504	DMETAL	9937F018	
IR-26	IR26MW45A	BARIUM	149	ug/L	504	DMETAL	9937F019	9937F018
IR-26	IR26MW45A	BENZENE	10 ND	ug/L	--	VOA	9937F018	
IR-26	IR26MW45A	BENZENE	10 ND	ug/L	--	VOA	9937F019	9937F018
IR-26	IR26MW45A	BERYLLIUM	0.4 ND	ug/L	1.4	DMETAL	9937F018	
IR-26	IR26MW45A	BERYLLIUM	0.4 ND	ug/L	1.4	DMETAL	9937F019	9937F018
IR-26	IR26MW45A	BROMODICHLOROMETHANE	10 ND	ug/L	--	VOA	9937F018	
IR-26	IR26MW45A	BROMODICHLOROMETHANE	10 ND	ug/L	--	VOA	9937F019	9937F018
IR-26	IR26MW45A	BROMOFORM	10 ND	ug/L	--	VOA	9937F018	
IR-26	IR26MW45A	BROMOFORM	10 ND	ug/L	--	VOA	9937F019	9937F018
IR-26	IR26MW45A	BROMOMETHANE	10 ND	ug/L	--	VOA	9937F018	
IR-26	IR26MW45A	BROMOMETHANE	10 ND	ug/L	--	VOA	9937F019	9937F018
IR-26	IR26MW45A	CADMIUM	0.4 ND	ug/L	9.3	DMETAL	9937F018	
IR-26	IR26MW45A	CADMIUM	0.4 ND	ug/L	9.3	DMETAL	9937F019	9937F018
IR-26	IR26MW45A	CALCIUM	203,000	ug/L	--	DMETAL	9937F018	
IR-26	IR26MW45A	CALCIUM	193,000	ug/L	--	DMETAL	9937F019	9937F018
IR-26	IR26MW45A	CARBON DISULFIDE	10 ND	ug/L	--	VOA	9937F018	
IR-26	IR26MW45A	CARBON DISULFIDE	10 ND	ug/L	--	VOA	9937F019	9937F018
IR-26	IR26MW45A	CARBON TETRACHLORIDE	10 ND	ug/L	--	VOA	9937F018	
IR-26	IR26MW45A	CARBON TETRACHLORIDE	10 ND	ug/L	--	VOA	9937F019	9937F018
IR-26	IR26MW45A	CHLOROBENZENE	10 ND	ug/L	--	VOA	9937F018	
IR-26	IR26MW45A	CHLOROBENZENE	10 ND	ug/L	--	VOA	9937F019	9937F018
IR-26	IR26MW45A	CHLOROETHANE	10 ND	ug/L	--	VOA	9937F018	
IR-26	IR26MW45A	CHLOROETHANE	10 ND	ug/L	--	VOA	9937F019	9937F018
IR-26	IR26MW45A	CHLOROFORM	10 ND	ug/L	--	VOA	9937F018	
IR-26	IR26MW45A	CHLOROFORM	10 ND	ug/L	--	VOA	9937F019	9937F018
IR-26	IR26MW45A	CHLOROMETHANE	10 ND	ug/L	--	VOA	9937F018	
IR-26	IR26MW45A	CHLOROMETHANE	10 ND	ug/L	--	VOA	9937F019	9937F018
IR-26	IR26MW45A	CHROMIUM	1.9	ug/L	15.7	DMETAL	9937F018	
IR-26	IR26MW45A	CHROMIUM	2.6	ug/L	15.7	DMETAL	9937F019	9937F018
IR-26	IR26MW45A	CHROMIUM VI	10	ug/L	--	CHROM	9937F018	
IR-26	IR26MW45A	CHROMIUM VI	10	ug/L	--	CHROM	9937F019	9937F018
IR-26	IR26MW45A	CIS-1,3-DICHLOROPROPENE	10 ND	ug/L	--	VOA	9937F018	
IR-26	IR26MW45A	CIS-1,3-DICHLOROPROPENE	10 ND	ug/L	--	VOA	9937F019	9937F018
IR-26	IR26MW45A	COBALT	3.4	ug/L	20.8	DMETAL	9937F018	
IR-26	IR26MW45A	COBALT	3.8	ug/L	20.8	DMETAL	9937F019	9937F018
IR-26	IR26MW45A	COPPER	2.2 ND	ug/L	28	DMETAL	9937F018	
IR-26	IR26MW45A	COPPER	2.2 ND	ug/L	28	DMETAL	9937F019	9937F018
IR-26	IR26MW45A	DIBROMOCHLOROMETHANE	10 ND	ug/L	--	VOA	9937F018	
IR-26	IR26MW45A	DIBROMOCHLOROMETHANE	10 ND	ug/L	--	VOA	9937F019	9937F018
IR-26	IR26MW45A	ETHYLBENZENE	10 ND	ug/L	--	VOA	9937F018	
IR-26	IR26MW45A	ETHYLBENZENE	10 ND	ug/L	--	VOA	9937F019	9937F018
IR-26	IR26MW45A	GASOLINE RANGE ORGANICS	50 ND	ug/L	1,250	TPHPRG	9937F018	

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IR Site	Monitoring Well ID	Analyte	Analytical Result (ug/L)	Units	Trigger Level (ug/L)	Analytical Group	Sample Number	Associated Sample Number
IR-26	IR26MW45A	GASOLINE RANGE ORGANICS	50 ND	ug/L	1,250	TPHPRG	9937F019	9937F018
IR-26	IR26MW45A	IRON	24.1 ND	ug/L	--	DMETAL	9937F018	
IR-26	IR26MW45A	IRON	20.8 ND	ug/L	--	DMETAL	9937F019	9937F018
IR-26	IR26MW45A	LEAD	0.8 ND	ug/L	14.4	DMETAL	9937F018	
IR-26	IR26MW45A	LEAD	0.8 ND	ug/L	14.4	DMETAL	9937F019	9937F018
IR-26	IR26MW45A	MAGNESIUM	608,000	ug/L	--	DMETAL	9937F018	
IR-26	IR26MW45A	MAGNESIUM	556,000	ug/L	--	DMETAL	9937F019	9937F018
IR-26	IR26MW45A	MANGANESE	129	ug/L	8,140	DMETAL	9937F018	
IR-26	IR26MW45A	MANGANESE	156	ug/L	8,140	DMETAL	9937F019	9937F018
IR-26	IR26MW45A	MERCURY	0.1 ND	ug/L	0.6	DMETAL	9937F018	
IR-26	IR26MW45A	MERCURY	0.1 ND	ug/L	0.6	DMETAL	9937F019	9937F018
IR-26	IR26MW45A	METHYLENE CHLORIDE	10 ND	ug/L	--	VOA	9937F018	
IR-26	IR26MW45A	METHYLENE CHLORIDE	10 ND	ug/L	--	VOA	9937F019	9937F018
IR-26	IR26MW45A	MOLYBDENUM	4.7	ug/L	--	DMETAL	9937F018	
IR-26	IR26MW45A	MOLYBDENUM	4.9	ug/L	--	DMETAL	9937F019	9937F018
IR-26	IR26MW45A	MOTOR OIL RANGE ORGANICS	100 ND	ug/L	--	TPHEXT	9937F018	
IR-26	IR26MW45A	MOTOR OIL RANGE ORGANICS	100 ND	ug/L	--	TPHEXT	9937F019	9937F018
IR-26	IR26MW45A	NICKEL	14.5	ug/L	96.5	DMETAL	9937F018	
IR-26	IR26MW45A	NICKEL	18	ug/L	96.5	DMETAL	9937F019	9937F018
IR-26	IR26MW45A	POTASSIUM	222,000	ug/L	--	DMETAL	9937F018	
IR-26	IR26MW45A	POTASSIUM	196,000	ug/L	--	DMETAL	9937F019	9937F018
IR-26	IR26MW45A	PROPANE, 2-METHOXY-2-METHYL-	5 ND	ug/L	--	VOA	9937F018	
IR-26	IR26MW45A	PROPANE, 2-METHOXY-2-METHYL-	5 ND	ug/L	--	VOA	9937F019	9937F018
IR-26	IR26MW45A	SELENIUM	6.5	ug/L	--	DMETAL	9937F018	
IR-26	IR26MW45A	SELENIUM	2.9 ND	ug/L	--	DMETAL	9937F019	9937F018
IR-26	IR26MW45A	SILVER	1.5 ND	ug/L	7.43	DMETAL	9937F018	
IR-26	IR26MW45A	SILVER	1.5 ND	ug/L	7.43	DMETAL	9937F019	9937F018
IR-26	IR26MW45A	SODIUM	4,460,000	ug/L	--	DMETAL	9937F018	
IR-26	IR26MW45A	SODIUM	4,100,000	ug/L	--	DMETAL	9937F019	9937F018
IR-26	IR26MW45A	STYRENE	10 ND	ug/L	--	VOA	9937F018	
IR-26	IR26MW45A	STYRENE	10 ND	ug/L	--	VOA	9937F019	9937F018
IR-26	IR26MW45A	TETRACHLOROETHENE	10 ND	ug/L	--	VOA	9937F018	
IR-26	IR26MW45A	TETRACHLOROETHENE	10 ND	ug/L	--	VOA	9937F019	9937F018
IR-26	IR26MW45A	THALLIUM	5.4 ND	ug/L	13	DMETAL	9937F018	
IR-26	IR26MW45A	THALLIUM	2.2 ND	ug/L	13	DMETAL	9937F019	9937F018
IR-26	IR26MW45A	TOLUENE	10 ND	ug/L	--	VOA	9937F018	
IR-26	IR26MW45A	TOLUENE	10 ND	ug/L	--	VOA	9937F019	9937F018
IR-26	IR26MW45A	TPH-EXTRACTABLE UNKNOWN HYDROCARBON	100 ND	ug/L	--	TPHEXT	9937F018	
IR-26	IR26MW45A	TPH-EXTRACTABLE UNKNOWN HYDROCARBON	100 ND	ug/L	--	TPHEXT	9937F019	9937F018
IR-26	IR26MW45A	TRANS-1,3-DICHLOROPROPENE	10 ND	ug/L	--	VOA	9937F018	
IR-26	IR26MW45A	TRANS-1,3-DICHLOROPROPENE	10 ND	ug/L	--	VOA	9937F019	9937F018
IR-26	IR26MW45A	TRICHLOROETHENE	10 ND	ug/L	200	VOA	9937F018	
IR-26	IR26MW45A	TRICHLOROETHENE	10 ND	ug/L	200	VOA	9937F019	9937F018
IR-26	IR26MW45A	VANADIUM	3.3	ug/L	--	DMETAL	9937F018	
IR-26	IR26MW45A	VANADIUM	5.2	ug/L	--	DMETAL	9937F019	9937F018
IR-26	IR26MW45A	VINYL CHLORIDE	10 ND	ug/L	55	VOA	9937F018	
IR-26	IR26MW45A	VINYL CHLORIDE	10 ND	ug/L	55	VOA	9937F019	9937F018
IR-26	IR26MW45A	XYLENE (TOTAL)	10 ND	ug/L	--	VOA	9937F018	
IR-26	IR26MW45A	XYLENE (TOTAL)	10 ND	ug/L	--	VOA	9937F019	9937F018
IR-26	IR26MW45A	ZINC	3.2	ug/L	81	DMETAL	9937F018	
IR-26	IR26MW45A	ZINC	3 ND	ug/L	81	DMETAL	9937F019	9937F018

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IR Site	Monitoring Well ID	Analyte	Analytical Result (ug/L)	Units	Trigger Level (ug/L)	Analytical Group	Sample Number	Associated Sample Number
IR-46	IR46MW37A	POINT-OF-COMPLIANCE MONITORING WELL						
IR-46	IR46MW37A	1,1,1-TRICHLOROETHANE	10 ND	ug/L	--	VOA	9937F016	
IR-46	IR46MW37A	1,1,2,2-TETRACHLOROETHANE	10 ND	ug/L	--	VOA	9937F016	
IR-46	IR46MW37A	1,1,2-TRICHLOROETHANE	10 ND	ug/L	--	VOA	9937F016	
IR-46	IR46MW37A	1,1-DICHLOROETHANE	10 ND	ug/L	--	VOA	9937F016	
IR-46	IR46MW37A	1,1-DICHLOROETHENE	10 ND	ug/L	--	VOA	9937F016	
IR-46	IR46MW37A	1,2-DICHLOROETHANE	10 ND	ug/L	--	VOA	9937F016	
IR-46	IR46MW37A	1,2-DICHLOROETHENE (TOTAL)	10 ND	ug/L	22,400	VOA	9937F016	
IR-46	IR46MW37A	1,2-DICHLOROPROPANE	10 ND	ug/L	--	VOA	9937F016	
IR-46	IR46MW37A	2-BUTANONE	10 ND	ug/L	--	VOA	9937F016	
IR-46	IR46MW37A	2-HEXANONE	10 ND	ug/L	--	VOA	9937F016	
IR-46	IR46MW37A	4-METHYL-2-PENTANONE	10 ND	ug/L	--	VOA	9937F016	
IR-46	IR46MW37A	ACETONE	10 ND	ug/L	--	VOA	9937F016	
IR-46	IR46MW37A	ALUMINUM	25.8 ND	ug/L	--	DMETAL	9937F016	
IR-46	IR46MW37A	ANTIMONY	5.2 ND	ug/L	500	DMETAL	9937F016	
IR-46	IR46MW37A	ARSENIC	2.5 ND	ug/L	36	DMETAL	9937F016	
IR-46	IR46MW37A	BARIUM	58.6	ug/L	504	DMETAL	9937F016	
IR-46	IR46MW37A	BENZENE	10 ND	ug/L	--	VOA	9937F016	
IR-46	IR46MW37A	BERYLLIUM	0.4 ND	ug/L	1.4	DMETAL	9937F016	
IR-46	IR46MW37A	BROMODICHLOROMETHANE	10 ND	ug/L	--	VOA	9937F016	
IR-46	IR46MW37A	BROMOFORM	10 ND	ug/L	--	VOA	9937F016	
IR-46	IR46MW37A	BROMOMETHANE	10 ND	ug/L	--	VOA	9937F016	
IR-46	IR46MW37A	CADMIUM	0.4 ND	ug/L	9.3	DMETAL	9937F016	
IR-46	IR46MW37A	CALCIUM	20,000	ug/L	--	DMETAL	9937F016	
IR-46	IR46MW37A	CARBON DISULFIDE	10 ND	ug/L	--	VOA	9937F016	
IR-46	IR46MW37A	CARBON TETRACHLORIDE	10 ND	ug/L	--	VOA	9937F016	
IR-46	IR46MW37A	CHLOROBENZENE	10 ND	ug/L	--	VOA	9937F016	
IR-46	IR46MW37A	CHLOROETHANE	10 ND	ug/L	--	VOA	9937F016	
IR-46	IR46MW37A	CHLOROFORM	10 ND	ug/L	--	VOA	9937F016	
IR-46	IR46MW37A	CHLOROMETHANE	10 ND	ug/L	--	VOA	9937F016	
IR-46	IR46MW37A	CHROMIUM	1.3 ND	ug/L	15.7	DMETAL	9937F016	
IR-46	IR46MW37A	CHROMIUM VI	10	ug/L	--	CHROM	9937F016	
IR-46	IR46MW37A	CIS-1,3-DICHLOROPROPENE	10 ND	ug/L	--	VOA	9937F016	
IR-46	IR46MW37A	COBALT	2.5 ND	ug/L	20.8	DMETAL	9937F016	
IR-46	IR46MW37A	COPPER	2.2 ND	ug/L	28	DMETAL	9937F016	
IR-46	IR46MW37A	DIBROMOCHLOROMETHANE	10 ND	ug/L	--	VOA	9937F016	
IR-46	IR46MW37A	ETHYLBENZENE	10 ND	ug/L	--	VOA	9937F016	
IR-46	IR46MW37A	GASOLINE RANGE ORGANICS	50 ND	ug/L	1,250	TPHPRG	9937F016	
IR-46	IR46MW37A	IRON	20.8 ND	ug/L	--	DMETAL	9937F016	
IR-46	IR46MW37A	LEAD	0.8 ND	ug/L	14.4	DMETAL	9937F016	
IR-46	IR46MW37A	MAGNESIUM	201,000	ug/L	--	DMETAL	9937F016	
IR-46	IR46MW37A	MANGANESE	32.5	ug/L	8,140	DMETAL	9937F016	
IR-46	IR46MW37A	MERCURY	0.1 ND	ug/L	0.6	DMETAL	9937F016	
IR-46	IR46MW37A	METHYLENE CHLORIDE	10 ND	ug/L	--	VOA	9937F016	
IR-46	IR46MW37A	MOLYBDENUM	3.6	ug/L	--	DMETAL	9937F016	
IR-46	IR46MW37A	MOTOR OIL RANGE ORGANICS	100 ND	ug/L	--	TPHEXT	9937F016	
IR-46	IR46MW37A	NICKEL	5.4	ug/L	96.5	DMETAL	9937F016	
IR-46	IR46MW37A	POTASSIUM	4,690	ug/L	--	DMETAL	9937F016	
IR-46	IR46MW37A	PROPANE, 2-METHOXY-2-METHYL-	5 ND	ug/L	--	VOA	9937F016	
IR-46	IR46MW37A	SELENIUM	2.9 ND	ug/L	--	DMETAL	9937F016	
IR-46	IR46MW37A	SILVER	1.5 ND	ug/L	7.43	DMETAL	9937F016	

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IR Site	Monitoring Well ID	Analyte	Analytical Result (ug/L)	Units	Trigger Level (ug/L)	Analytical Group	Sample Number	Associated Sample Number
IR-46	IR46MW37A	SODIUM	157,000	ug/L	--	DMETAL	9937F016	
IR-46	IR46MW37A	STYRENE	10 ND	ug/L	--	VOA	9937F016	
IR-46	IR46MW37A	TETRACHLOROETHENE	10 ND	ug/L	--	VOA	9937F016	
IR-46	IR46MW37A	THALLIUM	3.8 ND	ug/L	13	DMETAL	9937F016	
IR-46	IR46MW37A	TOLUENE	10 ND	ug/L	--	VOA	9937F016	
IR-46	IR46MW37A	TPH-EXTRACTABLE UNKNOWN HYDROCARBON	100 ND	ug/L	--	TPHEXT	9937F016	
IR-46	IR46MW37A	TRANS-1,3-DICHLOROPROPENE	10 ND	ug/L	--	VOA	9937F016	
IR-46	IR46MW37A	TRICHLOROETHENE	10 ND	ug/L	200	VOA	9937F016	
IR-46	IR46MW37A	VANADIUM	2.9 ND	ug/L	--	DMETAL	9937F016	
IR-46	IR46MW37A	VINYL CHLORIDE	10 ND	ug/L	55	VOA	9937F016	
IR-46	IR46MW37A	XYLENE (TOTAL)	10 ND	ug/L	--	VOA	9937F016	
IR-46	IR46MW37A	ZINC	3.2	ug/L	81	DMETAL	9937F016	
IR-61	**IR61MW05A**	**SENTINEL MONITORING WELL**						
IR-61	IR61MW05A	1,1,1-TRICHLOROETHANE	10 ND	ug/L	--	VOA	9936M007	
IR-61	IR61MW05A	1,1,1-TRICHLOROETHANE	10 ND	ug/L	--	VOA	9936M008	9936M007
IR-61	IR61MW05A	1,1,2,2-TETRACHLOROETHANE	10 ND	ug/L	--	VOA	9936M007	
IR-61	IR61MW05A	1,1,2,2-TETRACHLOROETHANE	10 ND	ug/L	--	VOA	9936M008	9936M007
IR-61	IR61MW05A	1,1,2-TRICHLOROETHANE	10 ND	ug/L	--	VOA	9936M007	
IR-61	IR61MW05A	1,1,2-TRICHLOROETHANE	10 ND	ug/L	--	VOA	9936M008	9936M007
IR-61	IR61MW05A	1,1-DICHLOROETHANE	10 ND	ug/L	--	VOA	9936M007	
IR-61	IR61MW05A	1,1-DICHLOROETHANE	10 ND	ug/L	--	VOA	9936M008	9936M007
IR-61	IR61MW05A	1,1-DICHLOROETHENE	10 ND	ug/L	--	VOA	9936M007	
IR-61	IR61MW05A	1,1-DICHLOROETHENE	10 ND	ug/L	--	VOA	9936M008	9936M007
IR-61	IR61MW05A	1,2-DICHLOROETHANE	10 ND	ug/L	--	VOA	9936M007	
IR-61	IR61MW05A	1,2-DICHLOROETHANE	10 ND	ug/L	--	VOA	9936M008	9936M007
IR-61	IR61MW05A	1,2-DICHLOROETHENE (TOTAL)	10 ND	ug/L	224,000	VOA	9936M007	
IR-61	IR61MW05A	1,2-DICHLOROETHENE (TOTAL)	10 ND	ug/L	224,000	VOA	9936M008	9936M007
IR-61	IR61MW05A	1,2-DICHLOROPROPANE	10 ND	ug/L	--	VOA	9936M007	
IR-61	IR61MW05A	1,2-DICHLOROPROPANE	10 ND	ug/L	--	VOA	9936M008	9936M007
IR-61	IR61MW05A	2-BUTANONE	10 ND	ug/L	--	VOA	9936M007	
IR-61	IR61MW05A	2-BUTANONE	10 ND	ug/L	--	VOA	9936M008	9936M007
IR-61	IR61MW05A	2-HEXANONE	10 ND	ug/L	--	VOA	9936M007	
IR-61	IR61MW05A	2-HEXANONE	10 ND	ug/L	--	VOA	9936M008	9936M007
IR-61	IR61MW05A	4-METHYL-2-PENTANONE	10 ND	ug/L	--	VOA	9936M007	
IR-61	IR61MW05A	4-METHYL-2-PENTANONE	10 ND	ug/L	--	VOA	9936M008	9936M007
IR-61	IR61MW05A	ACETONE	10 ND	ug/L	--	VOA	9936M007	
IR-61	IR61MW05A	ACETONE	10 ND	ug/L	--	VOA	9936M008	9936M007
IR-61	IR61MW05A	ALUMINUM	21.2 ND	ug/L	--	DMETAL	9936M007	
IR-61	IR61MW05A	ALUMINUM	20 ND	ug/L	--	DMETAL	9936M008	9936M007
IR-61	IR61MW05A	ANTIMONY	3.7 ND	ug/L	5,000	DMETAL	9936M007	
IR-61	IR61MW05A	ANTIMONY	3.7 ND	ug/L	5,000	DMETAL	9936M008	9936M007
IR-61	IR61MW05A	ARSENIC	5.2 ND	ug/L	360	DMETAL	9936M007	
IR-61	IR61MW05A	ARSENIC	5.2 ND	ug/L	360	DMETAL	9936M008	9936M007
IR-61	IR61MW05A	BARIUM	267	ug/L	5,040	DMETAL	9936M007	
IR-61	IR61MW05A	BARIUM	262	ug/L	5,040	DMETAL	9936M008	9936M007
IR-61	IR61MW05A	BENZENE	10 ND	ug/L	--	VOA	9936M007	
IR-61	IR61MW05A	BENZENE	10 ND	ug/L	--	VOA	9936M008	9936M007
IR-61	IR61MW05A	BERYLLIUM	0.4 ND	ug/L	14	DMETAL	9936M007	
IR-61	IR61MW05A	BERYLLIUM	0.4 ND	ug/L	14	DMETAL	9936M008	9936M007
IR-61	IR61MW05A	BROMODICHLOROMETHANE	10 ND	ug/L	--	VOA	9936M007	
IR-61	IR61MW05A	BROMODICHLOROMETHANE	10 ND	ug/L	--	VOA	9936M008	9936M007

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IR Site	Monitoring Well ID	Analyte	Analytical Result (ug/L)	Units	Trigger Level (ug/L)	Analytical Group	Sample Number	Associated Sample Number
IR-61	IR61MW05A	BROMOFORM	10 ND	ug/L	--	VOA	9936M007	
IR-61	IR61MW05A	BROMOFORM	10 ND	ug/L	--	VOA	9936M008	9936M007
IR-61	IR61MW05A	BROMOMETHANE	10 ND	ug/L	--	VOA	9936M007	
IR-61	IR61MW05A	BROMOMETHANE	10 ND	ug/L	--	VOA	9936M008	9936M007
IR-61	IR61MW05A	CADMIUM	0.9 ND	ug/L	93	DMETAL	9936M007	
IR-61	IR61MW05A	CADMIUM	0.9 ND	ug/L	93	DMETAL	9936M008	9936M007
IR-61	IR61MW05A	CALCIUM	57,100	ug/L	--	DMETAL	9936M007	
IR-61	IR61MW05A	CALCIUM	58,400	ug/L	--	DMETAL	9936M008	9936M007
IR-61	IR61MW05A	CARBON DISULFIDE	10 ND	ug/L	--	VOA	9936M007	
IR-61	IR61MW05A	CARBON DISULFIDE	10 ND	ug/L	--	VOA	9936M008	9936M007
IR-61	IR61MW05A	CARBON TETRACHLORIDE	10 ND	ug/L	--	VOA	9936M007	
IR-61	IR61MW05A	CARBON TETRACHLORIDE	10 ND	ug/L	--	VOA	9936M008	9936M007
IR-61	IR61MW05A	CHLOROBENZENE	10 ND	ug/L	--	VOA	9936M007	
IR-61	IR61MW05A	CHLOROBENZENE	10 ND	ug/L	--	VOA	9936M008	9936M007
IR-61	IR61MW05A	CHLOROETHANE	10 ND	ug/L	--	VOA	9936M007	
IR-61	IR61MW05A	CHLOROETHANE	10 ND	ug/L	--	VOA	9936M008	9936M007
IR-61	IR61MW05A	CHLOROFORM	10 ND	ug/L	--	VOA	9936M007	
IR-61	IR61MW05A	CHLOROFORM	10 ND	ug/L	--	VOA	9936M008	9936M007
IR-61	IR61MW05A	CHLOROMETHANE	10 ND	ug/L	--	VOA	9936M007	
IR-61	IR61MW05A	CHLOROMETHANE	10 ND	ug/L	--	VOA	9936M008	9936M007
IR-61	IR61MW05A	CHROMIUM	0.99	ug/L	157	DMETAL	9936M007	
IR-61	IR61MW05A	CHROMIUM	0.8 ND	ug/L	157	DMETAL	9936M008	9936M007
IR-61	IR61MW05A	CHROMIUM VI	10	ug/L	--	CHROM	9936M007	
IR-61	IR61MW05A	CHROMIUM VI	10	ug/L	--	CHROM	9936M008	9936M007
IR-61	IR61MW05A	CIS-1,3-DICHLOROPROPENE	10 ND	ug/L	--	VOA	9936M007	
IR-61	IR61MW05A	CIS-1,3-DICHLOROPROPENE	10 ND	ug/L	--	VOA	9936M008	9936M007
IR-61	IR61MW05A	COBALT	4.5	ug/L	208	DMETAL	9936M007	
IR-61	IR61MW05A	COBALT	3.5	ug/L	208	DMETAL	9936M008	9936M007
IR-61	IR61MW05A	COPPER	2.9 ND	ug/L	280	DMETAL	9936M007	
IR-61	IR61MW05A	COPPER	2.9 ND	ug/L	280	DMETAL	9936M008	9936M007
IR-61	IR61MW05A	DIBROMOCHLOROMETHANE	10 ND	ug/L	--	VOA	9936M007	
IR-61	IR61MW05A	DIBROMOCHLOROMETHANE	10 ND	ug/L	--	VOA	9936M008	9936M007
IR-61	IR61MW05A	ETHYLBENZENE	10 ND	ug/L	--	VOA	9936M007	
IR-61	IR61MW05A	ETHYLBENZENE	10 ND	ug/L	--	VOA	9936M008	9936M007
IR-61	IR61MW05A	GASOLINE RANGE ORGANICS	50 ND	ug/L	1,250	TPHPRG	9936M007	
IR-61	IR61MW05A	GASOLINE RANGE ORGANICS	50 ND	ug/L	1,250	TPHPRG	9936M008	9936M007
IR-61	IR61MW05A	IRON	39.6 ND	ug/L	--	DMETAL	9936M007	
IR-61	IR61MW05A	IRON	20.8 ND	ug/L	--	DMETAL	9936M008	9936M007
IR-61	IR61MW05A	LEAD	0.8 ND	ug/L	144	DMETAL	9936M007	
IR-61	IR61MW05A	LEAD	0.8 ND	ug/L	144	DMETAL	9936M008	9936M007
IR-61	IR61MW05A	MAGNESIUM	385,000	ug/L	--	DMETAL	9936M007	
IR-61	IR61MW05A	MAGNESIUM	381,000	ug/L	--	DMETAL	9936M008	9936M007
IR-61	IR61MW05A	MANGANESE	468	ug/L	81,400	DMETAL	9936M007	
IR-61	IR61MW05A	MANGANESE	439	ug/L	81,400	DMETAL	9936M008	9936M007
IR-61	IR61MW05A	MERCURY	0.1 ND	ug/L	6	DMETAL	9936M007	
IR-61	IR61MW05A	MERCURY	0.1 ND	ug/L	6	DMETAL	9936M008	9936M007
IR-61	IR61MW05A	METHYLENE CHLORIDE	10 ND	ug/L	--	VOA	9936M007	
IR-61	IR61MW05A	METHYLENE CHLORIDE	10 ND	ug/L	--	VOA	9936M008	9936M007
IR-61	IR61MW05A	MOLYBDENUM	1.3	ug/L	--	DMETAL	9936M007	
IR-61	IR61MW05A	MOLYBDENUM	1.1 ND	ug/L	--	DMETAL	9936M008	9936M007
IR-61	IR61MW05A	MOTOR OIL RANGE ORGANICS	100 ND	ug/L	--	TPHEXT	9936M007	

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IR Site	Monitoring Well ID	Analyte	Analytical Result (ug/L)	Units	Trigger Level (ug/L)	Analytical Group	Sample Number	Associated Sample Number
IR-61	IR61MW05A	MOTOR OIL RANGE ORGANICS	100 ND	ug/L	--	TPHEXT	9936M008	9936M007
IR-61	IR61MW05A	NICKEL	20.6	ug/L	965	DMETAL	9936M007	
IR-61	IR61MW05A	NICKEL	20.7	ug/L	965	DMETAL	9936M008	9936M007
IR-61	IR61MW05A	POTASSIUM	4,480	ug/L	--	DMETAL	9936M007	
IR-61	IR61MW05A	POTASSIUM	4,480	ug/L	--	DMETAL	9936M008	9936M007
IR-61	IR61MW05A	PROPANE, 2-METHOXY-2-METHYL-	5 ND	ug/L	--	VOA	9936M007	
IR-61	IR61MW05A	PROPANE, 2-METHOXY-2-METHYL-	5 ND	ug/L	--	VOA	9936M008	9936M007
IR-61	IR61MW05A	SELENIUM	2.9 ND	ug/L	--	DMETAL	9936M007	
IR-61	IR61MW05A	SELENIUM	3.9 ND	ug/L	--	DMETAL	9936M008	9936M007
IR-61	IR61MW05A	SILVER	1.5 ND	ug/L	74.3	DMETAL	9936M007	
IR-61	IR61MW05A	SILVER	1.5 ND	ug/L	74.3	DMETAL	9936M008	9936M007
IR-61	IR61MW05A	SODIUM	384,000	ug/L	--	DMETAL	9936M007	
IR-61	IR61MW05A	SODIUM	388,000	ug/L	--	DMETAL	9936M008	9936M007
IR-61	IR61MW05A	STYRENE	10 ND	ug/L	--	VOA	9936M007	
IR-61	IR61MW05A	STYRENE	10 ND	ug/L	--	VOA	9936M008	9936M007
IR-61	IR61MW05A	TETRACHLOROETHENE	10 ND	ug/L	--	VOA	9936M007	
IR-61	IR61MW05A	TETRACHLOROETHENE	10 ND	ug/L	--	VOA	9936M008	9936M007
IR-61	IR61MW05A	THALLIUM	3 ND	ug/L	130	DMETAL	9936M007	
IR-61	IR61MW05A	THALLIUM	5.3 ND	ug/L	130	DMETAL	9936M008	9936M007
IR-61	IR61MW05A	TOLUENE	10 ND	ug/L	--	VOA	9936M007	
IR-61	IR61MW05A	TOLUENE	10 ND	ug/L	--	VOA	9936M008	9936M007
IR-61	IR61MW05A	TPH-EXTRACTABLE UNKNOWN HYDROCARBON	100 ND	ug/L	--	TPHEXT	9936M007	
IR-61	IR61MW05A	TPH-EXTRACTABLE UNKNOWN HYDROCARBON	100 ND	ug/L	--	TPHEXT	9936M008	9936M007
IR-61	IR61MW05A	TRANS-1,3-DICHLOROPROPENE	10 ND	ug/L	--	VOA	9936M007	
IR-61	IR61MW05A	TRANS-1,3-DICHLOROPROPENE	10 ND	ug/L	--	VOA	9936M008	9936M007
IR-61	IR61MW05A	TRICHLOROETHENE	10 ND	ug/L	2,000	VOA	9936M007	
IR-61	IR61MW05A	TRICHLOROETHENE	10 ND	ug/L	2,000	VOA	9936M008	9936M007
IR-61	IR61MW05A	VANADIUM	2.5 ND	ug/L	--	DMETAL	9936M007	
IR-61	IR61MW05A	VANADIUM	2.5 ND	ug/L	--	DMETAL	9936M008	9936M007
IR-61	IR61MW05A	VINYL CHLORIDE	10 ND	ug/L	550	VOA	9936M007	
IR-61	IR61MW05A	VINYL CHLORIDE	10 ND	ug/L	550	VOA	9936M008	9936M007
IR-61	IR61MW05A	XYLENE (TOTAL)	10 ND	ug/L	--	VOA	9936M007	
IR-61	IR61MW05A	XYLENE (TOTAL)	10 ND	ug/L	--	VOA	9936M008	9936M007
IR-61	IR61MW05A	ZINC	5.4 ND	ug/L	810	DMETAL	9936M007	
IR-61	IR61MW05A	ZINC	5.4 ND	ug/L	810	DMETAL	9936M008	9936M007
PA-50	**PA50MW01A**	**POINT-OF-COMPLIANCE MONITORING WELL**						
PA-50	PA50MW01A	1,1,1-TRICHLOROETHANE	10 ND	ug/L	--	VOA	9936F004	
PA-50	PA50MW01A	1,1,2,2-TETRACHLOROETHANE	10 ND	ug/L	--	VOA	9936F004	
PA-50	PA50MW01A	1,1,2-TRICHLOROETHANE	10 ND	ug/L	--	VOA	9936F004	
PA-50	PA50MW01A	1,1-DICHLOROETHANE	10 ND	ug/L	--	VOA	9936F004	
PA-50	PA50MW01A	1,1-DICHLOROETHENE	10 ND	ug/L	--	VOA	9936F004	
PA-50	PA50MW01A	1,2-DICHLOROETHANE	10 ND	ug/L	--	VOA	9936F004	
PA-50	PA50MW01A	1,2-DICHLOROETHENE (TOTAL)	10 ND	ug/L	22,400	VOA	9936F004	
PA-50	PA50MW01A	1,2-DICHLOROPROPANE	10 ND	ug/L	--	VOA	9936F004	
PA-50	PA50MW01A	2-BUTANONE	10 ND	ug/L	--	VOA	9936F004	
PA-50	PA50MW01A	2-HEXANONE	10 ND	ug/L	--	VOA	9936F004	
PA-50	PA50MW01A	4-METHYL-2-PENTANONE	10 ND	ug/L	--	VOA	9936F004	
PA-50	PA50MW01A	ACETONE	10 ND	ug/L	--	VOA	9936F004	
PA-50	PA50MW01A	ALUMINUM	20 ND	ug/L	--	DMETAL	9936F004	
PA-50	PA50MW01A	ALUMINUM	20 ND	ug/L	--	TMETAL	9936F004	
PA-50	PA50MW01A	ANTIMONY	3.7 ND	ug/L	500	DMETAL	9936F004	

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PA-50	PA50MW01A	ANTIMONY	5.2 ND	ug/L	500	TMETAL	9936F004	
PA-50	PA50MW01A	ARSENIC	5.2 ND	ug/L	36	DMETAL	9936F004	
PA-50	PA50MW01A	ARSENIC	5.2	ug/L	36	TMETAL	9936F004	
PA-50	PA50MW01A	BARIUM	166	ug/L	504	DMETAL	9936F004	
PA-50	PA50MW01A	BARIUM	169	ug/L	504	TMETAL	9936F004	
PA-50	PA50MW01A	BENZENE	10 ND	ug/L	--	VOA	9936F004	
PA-50	PA50MW01A	BERYLLIUM	0.4 ND	ug/L	1.4	DMETAL	9936F004	
PA-50	PA50MW01A	BERYLLIUM	0.4 ND	ug/L	1.4	TMETAL	9936F004	
PA-50	PA50MW01A	BROMODICHLOROMETHANE	10 ND	ug/L	--	VOA	9936F004	
PA-50	PA50MW01A	BROMOFORM	10 ND	ug/L	--	VOA	9936F004	
PA-50	PA50MW01A	BROMOMETHANE	10 ND	ug/L	--	VOA	9936F004	
PA-50	PA50MW01A	CADMIUM	0.9 ND	ug/L	9.3	DMETAL	9936F004	
PA-50	PA50MW01A	CADMIUM	0.9 ND	ug/L	9.3	TMETAL	9936F004	
PA-50	PA50MW01A	CALCIUM	51,600	ug/L	--	DMETAL	9936F004	
PA-50	PA50MW01A	CALCIUM	52,700	ug/L	--	TMETAL	9936F004	
PA-50	PA50MW01A	CARBON DISULFIDE	10 ND	ug/L	--	VOA	9936F004	
PA-50	PA50MW01A	CARBON TETRACHLORIDE	10 ND	ug/L	--	VOA	9936F004	
PA-50	PA50MW01A	CHLOROBENZENE	10 ND	ug/L	--	VOA	9936F004	
PA-50	PA50MW01A	CHLOROETHANE	10 ND	ug/L	--	VOA	9936F004	
PA-50	PA50MW01A	CHLOROFORM	10 ND	ug/L	--	VOA	9936F004	
PA-50	PA50MW01A	CHLOROMETHANE	10 ND	ug/L	--	VOA	9936F004	
PA-50	PA50MW01A	CHROMIUM	3.2	ug/L	15.7	DMETAL	9936F004	
PA-50	PA50MW01A	CHROMIUM	1.2	ug/L	15.7	TMETAL	9936F004	
PA-50	PA50MW01A	CHROMIUM VI	10 ND	ug/L	--	CHROM	9936F004	
PA-50	PA50MW01A	CIS-1,3-DICHLOROPROPENE	10 ND	ug/L	--	VOA	9936F004	
PA-50	PA50MW01A	COBALT	2.5 ND	ug/L	20.8	DMETAL	9936F004	
PA-50	PA50MW01A	COBALT	2.5 ND	ug/L	20.8	TMETAL	9936F004	
PA-50	PA50MW01A	COPPER	2.9 ND	ug/L	28	DMETAL	9936F004	
PA-50	PA50MW01A	COPPER	2.9 ND	ug/L	28	TMETAL	9936F004	
PA-50	PA50MW01A	DIBROMOCHLOROMETHANE	10 ND	ug/L	--	VOA	9936F004	
PA-50	PA50MW01A	ETHYLBENZENE	10 ND	ug/L	--	VOA	9936F004	
PA-50	PA50MW01A	GASOLINE RANGE ORGANICS	50 ND	ug/L	1,250	TPHPRG	9936F004	
PA-50	PA50MW01A	IRON	20.8 ND	ug/L	--	DMETAL	9936F004	
PA-50	PA50MW01A	IRON	20.8 ND	ug/L	--	TMETAL	9936F004	
PA-50	PA50MW01A	LEAD	0.8 ND	ug/L	14.4	DMETAL	9936F004	
PA-50	PA50MW01A	LEAD	0.8 ND	ug/L	14.4	TMETAL	9936F004	
PA-50	PA50MW01A	MAGNESIUM	118,000	ug/L	--	DMETAL	9936F004	
PA-50	PA50MW01A	MAGNESIUM	120,000	ug/L	--	TMETAL	9936F004	
PA-50	PA50MW01A	MANGANESE	219	ug/L	8,140	DMETAL	9936F004	
PA-50	PA50MW01A	MANGANESE	241	ug/L	8,140	TMETAL	9936F004	
PA-50	PA50MW01A	MERCURY	0.1 ND	ug/L	0.6	DMETAL	9936F004	
PA-50	PA50MW01A	MERCURY	0.1 ND	ug/L	0.6	TMETAL	9936F004	
PA-50	PA50MW01A	METHYLENE CHLORIDE	10 ND	ug/L	--	VOA	9936F004	
PA-50	PA50MW01A	MOLYBDENUM	4.4	ug/L	--	DMETAL	9936F004	
PA-50	PA50MW01A	MOLYBDENUM	4.9	ug/L	--	TMETAL	9936F004	
PA-50	PA50MW01A	MOTOR OIL RANGE ORGANICS	100 ND	ug/L	--	TPHEXT	9936F004	
PA-50	PA50MW01A	NICKEL	15.4	ug/L	96.5	DMETAL	9936F004	
PA-50	PA50MW01A	NICKEL	8.7	ug/L	96.5	TMETAL	9936F004	
PA-50	PA50MW01A	POTASSIUM	6,400	ug/L	--	DMETAL	9936F004	
PA-50	PA50MW01A	POTASSIUM	6,850	ug/L	--	TMETAL	9936F004	
PA-50	PA50MW01A	PROPANE, 2-METHOXY-2-METHYL-	5 ND	ug/L	--	VOA	9936F004	

SUMMARY OF ANALYTICAL RESULTS WITH TRIGGER LEVELS
SEPTEMBER - DECEMBER 1999, FIRST QUARTERLY GROUNDWATER SAMPLING REPORT FOR PARCEL B
HUNTERS POINT SHIPYARD, SAN FRANCISCO, CALIFORNIA

IR Site	Monitoring Well ID	Analyte	Analytical Result (ug/L)	Units	Trigger Level (ug/L)	Analytical Group	Sample Number	Associated Sample Number
PA-50	PA50MW01A	SELENIUM	2.9 ND	ug/L	--	DMETAL	9936F004	
PA-50	PA50MW01A	SELENIUM	3.1 ND	ug/L	--	TMETAL	9936F004	
PA-50	PA50MW01A	SILVER	1.5 ND	ug/L	7.43	DMETAL	9936F004	
PA-50	PA50MW01A	SILVER	1.5 ND	ug/L	7.43	TMETAL	9936F004	
PA-50	PA50MW01A	SODIUM	268,000	ug/L	--	DMETAL	9936F004	
PA-50	PA50MW01A	SODIUM	280,000	ug/L	--	TMETAL	9936F004	
PA-50	PA50MW01A	STYRENE	10 ND	ug/L	--	VOA	9936F004	
PA-50	PA50MW01A	TETRACHLOROETHENE	10 ND	ug/L	--	VOA	9936F004	
PA-50	PA50MW01A	THALLIUM	3 ND	ug/L	13	DMETAL	9936F004	
PA-50	PA50MW01A	THALLIUM	3 ND	ug/L	13	TMETAL	9936F004	
PA-50	PA50MW01A	TOLUENE	10 ND	ug/L	--	VOA	9936F004	
PA-50	PA50MW01A	TPH-EXTRACTABLE UNKNOWN HYDROCARBON	100 ND	ug/L	--	TPHEXT	9936F004	
PA-50	PA50MW01A	TRANS-1,3-DICHLOROPROPENE	10 ND	ug/L	--	VOA	9936F004	
PA-50	PA50MW01A	TRICHLOROETHENE	10 ND	ug/L	200	VOA	9936F004	
PA-50	PA50MW01A	VANADIUM	2.9	ug/L	--	DMETAL	9936F004	
PA-50	PA50MW01A	VANADIUM	3.8	ug/L	--	TMETAL	9936F004	
PA-50	PA50MW01A	VINYL CHLORIDE	10 ND	ug/L	55	VOA	9936F004	
PA-50	PA50MW01A	XYLENE (TOTAL)	10 ND	ug/L	--	VOA	9936F004	
PA-50	PA50MW01A	ZINC	3 ND	ug/L	81	DMETAL	9936F004	
PA-50	PA50MW01A	ZINC	5.8 ND	ug/L	81	TMETAL	9936F004	

NOTES: Bold font indicates a trigger level exceedance

CHROM	Chromium
DMETAL	Dissolved metal
IR	Installation Restoration
LVOA	Low-level volatile organic compound
ND	Not detected. Concentration reported is the analytical detection limit
PEST	Pesticide
SVOA	Semivolatile volatile organic compound
TMETAL	Total metal
TPHEXT	Total petroleum hydrocarbon - extractable
TPHPRG	Total petroleum hydrocarbon - purgeable
ug/L	Micrograms per milliliter
VOA	Volatile organic compound

APPENDIX B

SEPTEMBER 1999 MONITORING WELL SAMPLING SHEETS

RECORD OF WATER SAMPLING

PROJECT NO: CTO-270 SAMPLE DATE: 9/7/99 WELL NO: IR06MW45A

PROJECT NAME: Parcel B RAMP Wells WELL DIAMETER: 4"

PROJECT LOCATION: Hunters Point TOC ELEV:

SAMPLER: J. Mrakovich LOCK NO:

ANALYSES: VOC, Metals, TPH-E, TPH-P

WELL DEPTH: (from construction detail)

WELL DEPTH: (measured) 12.70 SOFT BOTTOM?: YES

DEPTH TO WATER: 6.48 TIME: 1216

DATE: 8/31/99

WATER VOLUME IN WELL: 4 GAL

[2-INCH CASING=0.16 GAL/FT] [4-INCH CASING=0.65 GAL/FT]

[6-INCH CASING=1.47 GAL/FT] [1 GAL=3.78L]

Location Map

CALCULATED PURGE VOL. (GAL) 12 ACTUAL PURGE VOL. (GAL) 11

PURGE METHOD: SUB. PUMP SAMPLING METHOD: DISP. BAILER

TIME	D.T.W. (ft)	VOL. (gal)	TEMP (C)	pH	D.O. (ppm)	COND.	S.C. (M.S.)	SAL. (%)	TURB.
0937		2	18	7.8	-0.3	43		2.7	99
0940		4	18	7.8	-0.3	44		2.9	99
0942		6	18	7.8	-0.3	44		2.8	99
0944		8	18	7.8	-0.3	44		2.8	99
0946		10	18	7.7	-0.3	44		2.8	99
0948		11	DRY						
1110	Sample								

SIGNATURE: J. Mrakovich

WATER VOL. IN DRUM:

NEED NEW DRUM?:

RECORD OF WATER SAMPLING

PROJECT NO: CTO-270 SAMPLE DATE: 9/2/99

PROJECT NAME: Parcel B RAMP Wells

PROJECT LOCATION: Hunters Point

SAMPLER: J. Mrakovich

ANALYSES: VOC, Metals, TPH-P, TPH-E

WELL DEPTH: (from construction detail)

WELL NO: IR07-MW25A

WELL DIAMETER: 4"

TOC ELEV:

LOCK NO:

WELL DEPTH: (measured) 21.61 SOFT BOTTOM?: NO

DEPTH TO WATER: 10.27 TIME: 1321

DATE: 8/31/99

WATER VOLUME IN WELL: 7.34 GAL

[2-INCH CASING=0.16 GAL/FT] [4-INCH CASING=0.65 GAL/FT]

[6-INCH CASING=1.47 GAL/FT] [1 GAL=3.78L]

Location Map

CALCULATED PURGE VOL. (GAL) 22.11 ACTUAL PURGE VOL. (GAL) 22

PURGE METHOD: SUB. PUMP SAMPLING METHOD: DISP. BAILER

TIME	D.T.W. (ft)	VOL. (gal)	TEMP (C)	pH	D.O. (ppm)	COND.	S.C. (M.S.)	SAL. (%)	TURB.
1101		3	17	7.4	0.0		6.8	0.3	26
1105		6	17	7.3	0.2		2.5	0.1	8
1109		9	18	7.3	0.0		2.1	0.1	2
1111		12	18	7.3	0.2		2.1	0.1	1
1115		15	18	7.4	0.1		2.1	0.1	1
1118		18	18	7.4	0.1		2.1	0.1	3
1121		21	18	7.4	0.2		2.0	0.1	3
1123		22	18	7.4	0.1		2.2	0.1	3
1130	SAMPLE								

SIGNATURE: J. Mrakovich

WATER VOL. IN DRUM:

NEED NEW DRUM?:

RECORD OF WATER SAMPLING

PROJECT NO: CTO-270 SAMPLE DATE: 9/7/99 WELL NO: IR06-MW42A

PROJECT NAME: Parcel B RAMP Wells WELL DIAMETER: 4"

PROJECT LOCATION: Hunters Point TOC ELEV:

SAMPLER: J. Fortuna LOCK NO:

ANALYSES: VOC, SVOC, Pest/PCB, Metals, TPH-P, TPH-E

WELL DEPTH: (from construction detail)

WELL DEPTH: (measured) 13.75 SOFT BOTTOM?: NO

DEPTH TO WATER: 10.95 TIME: 1347

DATE: 8/31/99

WATER VOLUME IN WELL: 1.82 GAL

[2-INCH CASING=0.16 GAL/FT] [4-INCH CASING=0.65 GAL/FT]

[6-INCH CASING=1.47 GAL/FT] [1 GAL=3.78L]

Location Map

CALCULATED PURGE VOL. (GAL) 5.46 ACTUAL PURGE VOL. (GAL) 4.0

PURGE METHOD: SUB. PUMP SAMPLING METHOD: DISP. BAILER

TIME	D.T.W. (ft)	VOL. (gal)	TEMP (C)	pH	D.O. (ppm)	COND.	S.C. (M.S.)	SAL. (%)	TURB.
0941	10.13	2.0	19.7	5.19	1.00	5.87		0.33	0
0944	DRY	4.0	19.7	5.18	1.10	6.08		0.32	0
1000	10.28								
1010	SAMPLE								

SIGNATURE: [signature]

WATER VOL. IN DRUM:

NEED NEW DRUM?:

RECORD OF WATER SAMPLING

PROJECT NO: CTO-270 SAMPLE DATE: 9/3/99 WELL NO: IR07-MWS2

PROJECT NAME: Parcel B RAMP Wells WELL DIAMETER: 4"

PROJECT LOCATION: Hunters Point TOC ELEV:

SAMPLER: J. Fortuna LOCK NO:

ANALYSES: VOC, Metals, TPH-P, TPH-E

WELL DEPTH: (from construction detail)

WELL DEPTH: (measured) 18.39 SOFT BOTTOM?: NO

DEPTH TO WATER: 10.9 TIME: 1301

DATE: 8/31/99

WATER VOLUME IN WELL: 4.9 GAL

[2-INCH CASING=0.16 GAL/FT] [4-INCH CASING=0.65 GAL/FT]

[6-INCH CASING=1.47 GAL/FT] [1 GAL=3.78L]

Location Map

CALCULATED PURGE VOL. (GAL) 14.7 ACTUAL PURGE VOL. (GAL) 19.0

PURGE METHOD: SUB. PUMP SAMPLING METHOD: DISP. BAILER

TIME	D.T.W. (ft)	VOL. (gal)	TEMP (C)	pH	D.O. (ppm)	COND.	S.C. (M.S.)	SAL. (%)	TURB.
0836	10.84	3	18.1	5.34	0.86	35.4		2.24	5
0839	10.90	6	18.4	5.29	1.43	33.9		2.13	94
0844	10.91	9	19.1	5.24	1.42	33.5		2.11	24
0847	10.86	12	19.1	5.23	1.02	33.7		2.12	10
0851	10.86	15	19.1	5.24	1.54	33.8		2.13	8
0854	10.88	17	19.1	5.24	1.44	33.8		2.13	6
0859	10.90	19	19.1	5.25	1.71	33.8		2.13	6
0910	SAMPLE								

SIGNATURE: [signature]

WATER VOL. IN DRUM:

NEED NEW DRUM?:

RECORD OF WATER SAMPLING

PROJECT NO: CTO-270 SAMPLE DATE: 9/1/99 WELL NO: IR07-MWS-4

PROJECT NAME: Parcel B RAMP Wells WELL DIAMETER: 4"

PROJECT LOCATION: Hunters Point TOC ELEV:

SAMPLER: J. Mrakovich LOCK NO:

ANALYSES: VOC, Metals, TPH-E, TPH-P

WELL DEPTH: (from construction detail)

WELL DEPTH: (measured) 20.99 SOFT BOTTOM?:

DEPTH TO WATER: 14.39 TIME: 1307

DATE: 8/31/99

WATER VOLUME IN WELL: 4.4 GAL

[2-INCH CASING=0.16 GAL/FT] [4-INCH CASING=0.65 GAL/FT]

[6-INCH CASING=1.47 GAL/FT] [1 GAL=3.78L]

Location Map

CALCULATED PURGE VOL. (L) NA ACTUAL PURGE VOL. (L) 15

PURGE METHOD: Peristaltic/Micropurge SAMPLING METHOD: Peristaltic pump

TIME	D.T.W. (ft)	VOL. (L)	TEMP (F)	pH	D.O. (ppm)	COND.	S.C. (M.S.)	SAL. (ppt)	TURB.
1304	14.33	2	65.30	6.78	1.34	27.35	31.24	19.49	-0.8
1308	14.37	3	65.35	6.76	0.98	27.52	31.40	19.60	-0.9
1311	14.36	4	65.20	6.77	0.83	27.55	31.50	19.67	-0.8
1315	14.37	5	65.31	6.75	0.77	27.69	31.60	19.74	-0.5
1319	14.37	6	65.33	6.75	0.87	27.75	31.67	19.79	-0.5
1322	14.37	7	65.35	6.75	0.59	27.82	31.75	19.84	-0.8
1327	14.37	8	65.33	6.75	0.55	27.87	31.80	19.88	-0.7
1329	14.37	9	65.30	6.75	0.55	27.87	31.82	19.89	-0.1
1333	14.37	10	65.39	6.75	0.53	27.93	31.85	19.91	-0.9
1336	14.36	11	65.45	6.75	0.52	28.02	31.93	19.97	-0.9
1340	14.36	12	65.48	6.75	0.54	28.11	32.02	20.03	-0.8
1343	14.36	13	65.37	6.75	0.54	28.09	32.04	20.04	-0.9
1346	14.36	14	65.38	6.75	0.53	28.17	32.13	20.11	-0.9
1350	14.36	15	65.43	6.75	0.50	28.21	32.16	20.12	-0.9
1350	Sample								

SIGNATURE: J. Mrakovich WATER VOL. IN DRUM:

RECORD OF WATER SAMPLING

PROJECT NO: CTO-270 SAMPLE DATE: 9/2/99 WELL NO: IR07-MW28A

PROJECT NAME: Parcel B RAMP Wells WELL DIAMETER: 4"

PROJECT LOCATION: Hunters Point TOC ELEV:

SAMPLER: J. Mrakovich LOCK NO:

ANALYSES: VOC (low level), SVOC, Met, TPH-(P)(G), Pest,, PCB

WELL DEPTH: (from construction detail)

WELL DEPTH: (measured) 17.88 SOFT BOTTOM?: NO

DEPTH TO WATER: 10.14 TIME: 1336

DATE: 8/31/99

WATER VOLUME IN WELL: 5 GAL

[2-INCH CASING=0.16 GAL/FT] [4-INCH CASING=0.65 GAL/FT]

[6-INCH CASING=1.47 GAL/FT] [1 GAL=3.78L]

Location Map

CALCULATED PURGE VOL. (GAL) 15 ACTUAL PURGE VOL. (GAL) 15

PURGE METHOD: SUB. PUMP SAMPLING METHOD: DISP. BAILER

TIME	D.T.W. (ft)	VOL. (gal)	TEMP (C)	pH	D.O. (ppm)	COND.	S.C. (M.S.)	SAL. (%)	TURB.
0930		1	17	7.6	9.6		2.3	0.1	68
0935		2	17	7.4	1.3		2.1	0.1	41
0937		3	17	7.4	7.7		2.1	0.0	8
0934		4	17	7.4	0.5		2.0	0.1	4
0940		5	17	7.4	0.5		2.0	0.1	1
0943		7	17	7.4	1.2		2.0	0.1	1
0946		10	17	7.4	0.3		2.0	0.1	0.0
0950		12	17	7.4	1.0		2.0	0.1	0.0
0952		15	17	7.4	0.0		2.0	0.1	0.0
1000	Sample								

SIGNATURE: J. Mrakovich

WATER VOL. IN DRUM:

NEED NEW DRUM?:

RECORD OF WATER SAMPLING

PROJECT NO: CTO-270 SAMPLE DATE: 9/2/99 WELL NO: IR07-MW21A

PROJECT NAME: Parcel B RAMP Wells WELL DIAMETER: 4"

PROJECT LOCATION: Hunters Point TOC ELEV:

SAMPLER: J. Fortuna LOCK NO:

ANALYSES: VOC, Metals, TPH-E, TPH-P

WELL DEPTH: (from construction detail)

WELL DEPTH: (measured) 17.99 SOFT BOTTOM?: no

DEPTH TO WATER: 13.25 TIME: 1314

DATE: 8/31/99

WATER VOLUME IN WELL: 3.1 GAL

[2-INCH CASING=0.16 GAL/FT] [4-INCH CASING=0.65 GAL/FT]

[6-INCH CASING=1.47 GAL/FT] [1 GAL=3.78L]

Location Map

CALCULATED PURGE VOL. (GAL) 9.3 ACTUAL PURGE VOL. (GAL) 16

PURGE METHOD: SUB. PUMP SAMPLING METHOD: DISP. BAILER

TIME	D.T.W. (ft)	VOL. (gal)	TEMP (C)	pH	D.O. (ppm)	COND.	SAL. (%)	TURB.
1348	13.20	3.0	17.7	5.04	1.20	2.09	0.10	1
1352	13.24	6.0	17.3	5.08	1.13	2.12	0.10	0
1356	13.29	9.0	17.1	5.09	1.60	2.14	0.10	0
1400	13.28	12.0	17.1	5.09	2.04	2.14	0.10	1
1404	13.26	14.0	17.1	5.09	2.02	2.15	0.10	0
1408	13.27	16.0	17.1	5.09	2.04	2.14	0.10	0
1415	Sample							

SIGNATURE: [signature]

WATER VOL. IN DRUM:

NEED NEW DRUM?:

RECORD OF WATER SAMPLING

PROJECT NO: CTO-270 SAMPLE DATE: 9/799 WELL NO: IR46-MW37A

PROJECT NAME: Parcel B RAMP Wells WELL DIAMETER: 4"

PROJECT LOCATION: Hunters Point TOC ELEV:

SAMPLER: J. Fortuna LOCK NO:

ANALYSES: VOC, Metals, TPH-E, TPH-P

WELL DEPTH: (from construction detail)

WELL DEPTH: (measured) 21.1 SOFT BOTTOM?: YES

DEPTH TO WATER: 7.47 TIME: 1224

DATE: 8/31/99

WATER VOLUME IN WELL: 8.8 GAL

[2-INCH CASING=0.16 GAL/FT] [4-INCH CASING=0.65 GAL/FT]

[6-INCH CASING=1.47 GAL/FT] [1 GAL=3.78L]

Location Map

CALCULATED PURGE VOL. (GAL) 26.4 ACTUAL PURGE VOL. (GAL) 27

PURGE METHOD: SUB. PUMP SAMPLING METHOD: DISP. BAILER

TIME	D.T.W. (ft)	VOL. (gal)	TEMP (C)	pH	D.O. (ppm)	COND.	S.C. (M.S.)	SAL. (%)	TURB.
0846	9.72	3	18.7	5.14	0.39	2.42		0.12	3
0850	9.72	6	18.8	5.21	0.51	2.17		0.10	2
0854	10.45	10	19.1	5.23	1.13	2.18		0.10	3
0857	10.84	13	19.2	5.23	0.80	2.17		0.10	13
0900	11.17	16	19.2	5.22	0.50	2.18		0.10	29
0903	11.98	19	19.2	5.21	0.80	2.20		0.10	30
0906	11.93	22	19.2	5.21	0.40	2.18		0.10	37
0909	11.34	25	19.2	5.21	0.62	2.21		0.10	32
0912	11.17	27	19.2	5.21	0.61	2.20		0.10	33
0920	SAMPLE								

SIGNATURE: _____

WATER VOL. IN DRUM:

NEED NEW DRUM?:

RECORD OF WATER SAMPLING

PROJECT NO: CTO-270 SAMPLE DATE: 9/2/99

PROJECT NAME: Parcel B RAMP Wells

PROJECT LOCATION: Hunters Point

SAMPLER: J. Mrakovich

ANALYSES: VOC, METALS, TPH-p, TPH-e

WELL DEPTH: (from construction detail)

WELL NO: IR07-MW27A

WELL DIAMETER: 4"

TOC ELEV:

LOCK NO:

WELL DEPTH: (measured) 21.18 SOFT BOTTOM?: NO

DEPTH TO WATER: 13.35 TIME: 1310

DATE: 8/31/99

WATER VOLUME IN WELL: 5 GAL

[2-INCH CASING=0.16 GAL/FT] [4-INCH CASING=0.65 GAL/FT]

[6-INCH CASING=1.47 GAL/FT] [1 GAL=3.78L]

Location Map

CALCULATED PURGE VOL. (GAL) 15 ACTUAL PURGE VOL. (GAL) 15

PURGE METHOD: SUB. PUMP SAMPLING METHOD: DISP. BAILER

TIME	D.T.W. (ft)	VOL. (gal)	TEMP (C)	pH	D.O. (ppm)	COND.	S.C. (M.S.)	SAL. (%)	TURB.
1335		3.0	19	7.0	0.0		1.6	0.1	38
1337		5.0	19	7.0	0.0		1.6	0.1	7
1340		8.0	18	7.1	0.1		1.5	0.1	1
1343		10.0	18	7.1	0.1		1.5	0.1	1
1346		13.0	18	7.2	-0.2		1.5	0.1	1
1349		15.0	18	7.1	-0.2		1.5	0.1	1
1400	SAMPLE								

SIGNATURE: J. Mrakovich

WATER VOL. IN DRUM:

RECORD OF WATER SAMPLING

PROJECT NO: CTO-270 SAMPLE DATE: 9/2/99

WELL NO: IR07-MW26A

PROJECT NAME: Parcel B RAMP Wells

WELL DIAMETER: 4"

PROJECT LOCATION: Hunters Point

TOC ELEV:

SAMPLER: J. Mrakovich

LOCK NO:

ANALYSES: VOC, Metals, TPH-P, TPH-E

WELL DEPTH: (from construction detail)

WELL DEPTH: (measured) 17.9 SOFT BOTTOM?: NO

DEPTH TO WATER: 11.69 TIME: 1305

DATE: 8/31/99

WATER VOLUME IN WELL: 4 GAL

[2-INCH CASING=0.16 GAL/FT] [4-INCH CASING=0.65 GAL/FT]

[6-INCH CASING=1.47 GAL/FT] [1 GAL=3.78L]

Location Map

CALCULATED PURGE VOL. (GAL) 12 ACTUAL PURGE VOL. (GAL) 12

PURGE METHOD: SUB. PUMP SAMPLING METHOD: DISP. BAILER

TIME	D.T.W. (ft)	VOL. (gal)	TEMP (C)	pH	D.O. (ppm)	COND.	S.C. (M.S.)	SAL. (%)	TURB.
1212		2.0	18	7.4	2.0		39	2.5	3
1216		4.0	18	7.3	-0.1		37	2.4	1
1219		6.0	18	7.3	-0.2		36	2.3	1
1221		8.0	18	7.3	-0.2		36	2.3	1
1224		10.0	18	7.3	-0.2		37	2.3	1
1226		12.0	18	7.3	-0.1		37	2.3	1
1235		SAMPLE							

SIGNATURE: J. Mrakovich

WATER VOL. IN DRUM:

NEED NEW DRUM?:

RECORD OF WATER SAMPLING

PROJECT NO: CTO-270 SAMPLE DATE: 9/2/99 WELL NO: IR07-MW24A

PROJECT NAME: Parcel B RAMP Wells WELL DIAMETER: 4"

PROJECT LOCATION: Hunters Point TOC ELEV:

SAMPLER: J. Fortuna LOCK NO:

ANALYSES: VOC, Metals, TPH-E, TPH-P

WELL DEPTH: (from construction detail)

WELL DEPTH: (measured) 18.8 SOFT BOTTOM?: NO

DEPTH TO WATER: 12.09 TIME: 1319

DATE: 8/31/99

Location Map

WATER VOLUME IN WELL: 4.36 GAL

[2-INCH CASING=0.16 GAL/FT] [4-INCH CASING=0.65 GAL/FT]

[6-INCH CASING=1.47 GAL/FT] [1 GAL=3.78L]

CALCULATED PURGE VOL. (GAL) 13.1 ACTUAL PURGE VOL. (GAL) 16.5

PURGE METHOD: SUB. PUMP SAMPLING METHOD: DISP, BAILER

TIME	D.T.W. (ft)	VOL. (gal)	TEMP (C)	pH	D.O. (ppm)	COND.	SAL. (%)	TURB.
1216	12.08	3.0	18.0	5.15	1.55	2.02	0.10	25
1221	12.08	5.0	17.6	5.21	1.13	1.96	0.09	9
1225	12.09	8.0	17.6	5.20	1.78	1.94	0.09	3
1229	12.08	11.0	17.6	5.21	1.36	1.94	0.09	3
1234	12.10	14.0	17.6	5.20	1.10	1.93	0.09	1
1238	12.10	16.5	17.6	5.20	1.33	1.94	0.09	2
1245	Sample							

SIGNATURE: [signature]

WATER VOL. IN DRUM:

NEED NEW DRUM?:

RECORD OF WATER SAMPLING

PROJECT NO: CTO-270 SAMPLE DATE: 9/2/99

PROJECT NAME: Parcel B RAMP Wells

PROJECT LOCATION: Hunters Point

SAMPLER: J. Fortuna

ANALYSES: VOCs, METALS, TPH-E, TPH-P

WELL DEPTH: (from construction detail)

WELL NO: IR07-MW23A

WELL DIAMETER: 4"

TOC ELEV:

LOCK NO:

WELL DEPTH: (measured) 16.65 SOFT BOTTOM?: NO

DEPTH TO WATER: 13.97 TIME: 1325

DATE: 8/31/99

WATER VOLUME IN WELL: 1.74 GAL

[2-INCH CASING=0.16 GAL/FT] [4-INCH CASING=0.65 GAL/FT]

[6-INCH CASING=1.47 GAL/FT] [1 GAL=3.78L]

Location Map

CALCULATED PURGE VOL. (GAL) 5.23 ACTUAL PURGE VOL. (GAL) 8.5

PURGE METHOD: SUB, PUMP SAMPLING METHOD: DISP. BAILER

TIME	D.T.W. (ft)	VOL. (gal)	TEMP (C)	pH	D.O. (ppm)	COND.	SAL. (%)	TURB.
0958	13.98	1.75	18.6	5.30	9.71	1.66	0.07	5
1016	14.01	3.75	18.2	5.47	0.84	1.69	0.07	0
1021	14.12	5.50	18.1	5.46	1.51	1.61	0.07	0
1026	14.21	7.0	18.0	5.46	1.45	1.61	0.07	0
1031	14.03	8.5	18.0	5.45	1.52	1.61	0.07	0
1045	Sample							

SIGNATURE: [signature]

WATER VOL. IN DRUM:

NEED NEW DRUM?:

RECORD OF WATER SAMPLING

PROJECT NO: CTO-270 SAMPLE DATE: 9/3/99 WELL NO: IR07-MW20A1

PROJECT NAME: Parcel B RAMP Wells WELL DIAMETER: 4"

PROJECT LOCATION: Hunters Point TOC ELEV:

SAMPLER: J. Fortuna LOCK NO:

ANALYSES: VOC, Metals, TPH-E, TPH-P

WELL DEPTH: (from construction detail)

WELL DEPTH: (measured) 23.60 SOFT BOTTOM?: YES

DEPTH TO WATER: 9.24 TIME: 1258

DATE: 8/31/99

WATER VOLUME IN WELL: 9.36 GAL

[2-INCH CASING=0.16 GAL/FT] [4-INCH CASING=0.65 GAL/FT]

[6-INCH CASING=1.47 GAL/FT] [1 GAL=3.78L]

Location Map

CALCULATED PURGE VOL. (GAL) 28.1 ACTUAL PURGE VOL. (GAL) 32

PURGE METHOD: SUB. PUMP SAMPLING METHOD: DISP. BAILER

TIME	D.T.W. (ft)	VOL. (gal)	TEMP (C)	pH	D.O. (ppm)	COND.	S.C. (M.S.)	SAL. (%)	TURB.
0951	8.16	3	17.0	5.08	4.60	42.7		2.75	1
0954	8.14	6	17.2	5.08	4.44	43.0		2.77	0
0958	8.13	9	17.5	5.07	5.62	43.2		2.78	0
1002	8.14	12	17.7	5.07	5.58	43.3		2.79	0
1006	8.15	16	17.8	5.06	5.85	43.4		2.80	1
1010	8.14	20	17.9	5.06	4.40	43.5		2.81	0
1017	8.15	23	17.7	5.08	5.08	43.5		2.81	0
1021	8.15	26	17.7	5.07	4.02	43.6		2.81	0
1025	8.17	29	17.7	5.07	4.33	43.6		2.81	0
1029	8.08	32	17.7	5.07	4.10	43.6		2.81	0
1040	SAMPLE								

SIGNATURE: [signature]

WATER VOL. IN DRUM:

NEED NEW DRUM?:

RECORD OF WATER SAMPLING

PROJECT NO: CTO-270 SAMPLE DATE: 9/3/99

PROJECT NAME: Parcel B RAMP Wells

PROJECT LOCATION: Hunters Point

SAMPLER: J. Fortuna

ANALYSES: VOC, Metals, TPH-E, TPH-P

WELL DEPTH: (from construction detail)

WELL NO: IR07-MW19A

WELL DIAMETER: 4"

TOC ELEV:

LOCK NO:

WELL DEPTH: (measured) 15.95 SOFT BOTTOM?: NO

DEPTH TO WATER: 9.57 TIME: 1249

DATE: 8/31/99

WATER VOLUME IN WELL: 4.16 GAL

[2-INCH CASING=0.16 GAL/FT] [4-INCH CASING=0.65 GAL/FT]

[6-INCH CASING=1.47 GAL/FT] [1 GAL=3.78L]

Location Map

CALCULATED PURGE VOL. (GAL) 12.51

PURGE METHOD: SUB. PUMP

ACTUAL PURGE VOL. (GAL) 19

SAMPLING METHOD: DISP. BAILER

TIME	D.T.W. (ft)	VOL. (gal)	TEMP. (C)	pH	D.O. (ppm)	COND.	S.C. (M.S.)	SAL. (%)	TURB.
1120	8.74	3	18.0	4.99	3.46	33.9		2.13	1
1123	8.70	6	17.8	5.02	4.30	33.9		2.13	6
1126	8.70	9	17.8	5.05	4.08	35.0		2.21	4
1130	8.71	11	17.8	5.06	4.04	35.7		2.26	10
1134	8.74	13	17.8	5.06	4.57	36.2		2.29	2
1137	8.76	15	17.8	5.07	4.16	36.5		2.32	2
1140	8.81	17	17.8	5.06	4.29	36.6		2.32	0
1144	8.79	19	17.8	5.06	4.28	36.5		2.32	1
1155	SAMPLE								

SIGNATURE:

WATER VOL. IN DRUM:

NEED NEW DRUM?:

RECORD OF WATER SAMPLING

PROJECT NO: CTO-270 SAMPLE DATE: 9/3/99 WELL NO: IR10-MW33A

PROJECT NAME: Parcel B RAMP Wells WELL DIAMETER: 4"

PROJECT LOCATION: Hunters Point TOC ELEV:

SAMPLER: J. Mrakovich LOCK NO:

ANALYSES: VOC (low level)

WELL DEPTH: (from construction detail)

WELL DEPTH: (measured) 15.16 SOFT BOTTOM?: YES

DEPTH TO WATER: 7.94 TIME: 1234

DATE: 8/31/99

WATER VOLUME IN WELL: 4.7 GAL

[2-INCH CASING=0.16 GAL/FT] [4-INCH CASING=0.65 GAL/FT]

[6-INCH CASING=1.47 GAL/FT] [1 GAL=3.78L]

Location Map

CALCULATED PURGE VOL. (GAL) 14 ACTUAL PURGE VOL. (GAL) 14

PURGE METHOD: SUB. PUMP SAMPLING METHOD: DISP. BAILER

TIME	D.T.W. (ft)	VOL. (gal)	TEMP (C)	pH	D.O. (ppm)	COND.	S.C. (M.S.)	SAL. (%)	TURB.
1110		2	17	7.5	-0.1		10	0.6	15
1113		4	17	7.5	-0.1		7.5	0.4	9
1115		6	17	7.5	-0.1		6.9	0.4	3
1117		8	17	7.5	-0.1		6.4	0.3	2
1119		10	17	7.5	-0.1		6.5	0.4	2
1121		12	17	7.5	-0.1		6.3	0.3	2
1123		14	17	7.5	-0.1		6.0	0.3	2
1130		SAMPLE							

SIGNATURE: J. Mrakovich

WATER VOL. IN DRUM:

NEED NEW DRUM?:

RECORD OF WATER SAMPLING

PROJECT NO: CTO-270 SAMPLE DATE: 9/7/99 WELL NO: IR25-MW17A

PROJECT NAME: Parcel B RAMP Wells WELL DIAMETER: 4"

PROJECT LOCATION: Hunters Point TOC ELEV:

SAMPLER: J. Mrakovich LOCK NO:

ANALYSES: VOC, Metals, TPH-E, TPH-P

WELL DEPTH: (from construction detail)

WELL DEPTH: (measured) 12.08 SOFT BOTTOM?: NO

DEPTH TO WATER: 8.3 TIME: 12.21

DATE: 8/31/99

WATER VOLUME IN WELL: 2.5 GAL

[2-INCH CASING=0.16 GAL/FT] [4-INCH CASING=0.65 GAL/FT]

[6-INCH CASING=1.47 GAL/FT] [1 GAL=3.78L]

Location Map

CALCULATED PURGE VOL. (GAL) 7.4 ACTUAL PURGE VOL. (GAL) 8

PURGE METHOD: SUB. PUMP SAMPLING METHOD: DISP. BAILER

TIME	D.T.W. (ft)	VOL. (gal)	TEMP (C)	pH	D.O. (ppm)	COND.	S.C. (M.S.)	SAL. (%)	TURB.
0837		1	18	7.7	-0.3	6.5		0.3	1
0838		2	18	7.7	-0.3	6.6		0.4	1
0840		3	18	7.7	-0.3	6.5		0.3	0
0841		4	18	7.7	-0.3	6.4		0.3	0
0844		5	18	7.7	-0.3	6.3		0.3	0
0846		6	19	7.7	-0.3	6.1		0.3	5
0847		7	19	7.7	-0.3	5.7		0.3	1
0850		8	19	7.7	-0.3	5.8		0.3	1
0900		SAMPLE							

SIGNATURE: J. Mrakovich

WATER VOL. IN DRUM:

NEED NEW DRUM?:

RECORD OF WATER SAMPLING

PROJECT NO: CTO-270 SAMPLE DATE: 9/3/99 WELL NO: IR10-MW31A

PROJECT NAME: Parcel B RAMP Wells WELL DIAMETER: 4"

PROJECT LOCATION: Hunters Point TOC ELEV:

SAMPLER: J. Fortuna LOCK NO:

ANALYSES: VOC, Metals, TPH-E, TPH-P

WELL DEPTH: (from construction detail)

WELL DEPTH: (measured) 17.25 SOFT BOTTOM?: NO

DEPTH TO WATER: 10.42 TIME: 1237

DATE: 8/31/99

WATER VOLUME IN WELL: 4.4 GAL

[2-INCH CASING=0.16 GAL/FT] [4-INCH CASING=0.65 GAL/FT]

[6-INCH CASING=1.47 GAL/FT] [1 GAL=3.78L]

Location Map

CALCULATED PURGE VOL. (GAL) 13.2 ACTUAL PURGE VOL. (GAL) 24

PURGE METHOD: SUB. PUMP SAMPLING METHOD: DISP. BAILER

TIME	D.T.W. (ft)	VOL. (gal)	TEMP (C)	pH	D.O. (ppm)	COND.	S.C. (M.S.)	SAL. (%)	TURB.
1238	10.36	3	18.6	5.03	0.91	14.8		0.87	9
1241	11.15	6	18.6	5.04	2.39	14.3		0.83	3
1245	11.19	9	18.7	5.04	2.08	14.1		0.81	10
1250	11.83	12	18.6	5.05	1.46	14.3		0.82	17
1254	12.04	15	18.5	5.29	1.32	14.4		0.83	35
1258	12.04	18	18.4	5.36	1.01	14.4		0.83	56
1302	11.85	20	18.5	5.29	1.01	14.6		0.85	38
1306	11.91	22	18.4	5.30	0.80	14.5		0.84	57
1309	11.10	24	18.4	5.30	1.18	14.5		0.84	54
1315	SAMPLE								

SIGNATURE: [signature]

WATER VOL. IN DRUM:

NEED NEW DRUM?:

RECORD OF WATER SAMPLING

PROJECT NO: CTO-270 SAMPLE DATE: 9/3/99 WELL NO: UT03-MW11A

PROJECT NAME: Parcel B RAMP Wells WELL DIAMETER: 4"

PROJECT LOCATION: Hunters Point TOC ELEV:

SAMPLER: J. Mrakovich LOCK NO:

ANALYSES: VOC, Metals, TPH-E, TPH-P

WELL DEPTH: (from construction detail)

WELL DEPTH: (measured) 19.79 SOFT BOTTOM?: NO

DEPTH TO WATER: 7.47 TIME: 1253 DATE: 8/31/99

WATER VOLUME IN WELL: 8 GAL.

[2-INCH CASING=0.16 GAL/FT] [4-INCH CASING=0.65 GAL/FT]

[6-INCH CASING=1.47 GAL/FT] [1 GAL=3.78L]

CALCULATED PURGE VOL. (GAL) 24 (L) ACTUAL PURGE VOL. (GAL) 24 (L)

PURGE METHOD: PURGE PUMP SAMPLING METHOD: DISP. BAILER

TIME	D.T.W. (ft)	VOL. (gal)	TEMP (C)	pH	D.O. (ppm)	COND.	S.C. (M.S.)	SALINITY (%)	TURB
0852		3	18	7.6	0.3		8.3	0.4	99
0855		6	19	7.5	-0.2		7.5	0.4	22
0858		9	19	7.5	-0.2		4.3	0.2	21
0901		12	19	7.5	-0.2		3.6	0.2	8
0904		15	19	7.5	-0.2		3.5	0.2	13
0906		18	19	7.5	-0.2		3.5	0.2	2
0908		21	19	7.5	-0.2		3.5	0.2	1
0912		24	19	7.5	-0.2		3.5	0.2	1
0920		SAMPLE							

SIGNATURE: [signature] for J. Mrakovich

WATER VOL. IN DRUM:

NEED NEW DRUM?:

RECORD OF WATER SAMPLING

PROJECT NO: CTO-270 SAMPLE DATE: 9/7/99 WELL NO: IR26-MW41A

PROJECT NAME: Parcel B RAMP Wells WELL DIAMETER: 4"

PROJECT LOCATION: Hunters Point TOC ELEV:

SAMPLER: J. Mrakovich LOCK NO:

ANALYSES: VOC, Metals, TPH-E, TPH-P

WELL DEPTH: (from construction detail)

WELL DEPTH: (measured) 20.9 SOFT BOTTOM?: NO

DEPTH TO WATER: 7.47 TIME: 1211

DATE: 8/31/99

WATER VOLUME IN WELL: 8.7 GAL

[2-INCH CASING=0.16 GAL/FT] [4-INCH CASING=0.65 GAL/FT]

[6-INCH CASING=1.47 GAL/FT] [1 GAL=3.78L]

Location Map

CALCULATED PURGE VOL. (GAL) 26 ACTUAL PURGE VOL. (GAL) 26

PURGE METHOD: SUB. PUMP SAMPLING METHOD: DISP, BAILER

TIME	D.T.W. (ft)	VOL. (gal)	TEMP (C)	pH	D.O. (ppm)	COND.	S.C. (M.S.)	SAL. (%)	TURB.
1017		3	19	7.3	-0.3		13	0.8	12
1021		6	19	7.2	-0.2		8.2	0.4	5
1023		9	19	7.1	-0.3		2.4	0.1	1
1026		12	20	7.1	-0.3		1.9	0.1	1
1029		16	19	7.1	-0.3		2.1	0.1	1
1031		19	19	7.1	-0.3		3.0	0.2	1
1034		22	19	7.2	-0.3		6.2	0.3	1
1038		26	19	7.2	-0.3		8.2	0.5	1
1045		SAMPLE							

SIGNATURE: J. Mrakovich

WATER VOL. IN DRUM:

NEED NEW DRUM?:

RECORD OF WATER SAMPLING

PROJECT NO: CTO-270 SAMPLE DATE: 9/3/99 WELL NO: IR61MW05A

PROJECT NAME: Parcel B RAMP Wells WELL DIAMETER: 4"

PROJECT LOCATION: Hunters Point TOC ELEV:

SAMPLER: J. Mrakovich LOCK NO:

ANALYSES: VOC, Metals, TPH-E, TPH-D

WELL DEPTH: (from construction detail)

WELL DEPTH: (measured) 20.71 SOFT BOTTOM?: NO

DEPTH TO WATER: 7.67 TIME: 1244

DATE: 8/31/99

WATER VOLUME IN WELL: 8.5 GAL

[2-INCH CASING=0.16 GAL/FT] [4-INCH CASING=0.65 GAL/FT]

[6-INCH CASING=1.47 GAL/FT] [1 GAL=3.78L]

Location Map

CALCULATED PURGE VOL. (GAL) 25.4 ACTUAL PURGE VOL. (GAL) 25

PURGE METHOD: SUB. PURGE PUMP SAMPLING METHOD: DISP. BAILER

TIME	D.T.W. (ft)	VOL. (gal)	TEMP (C)	pH	D.O. (ppm)	COND.	S.C. (M.S.)	SAL. (%)	TURB.
0950		3	17	7.5	0.2		3.9	0.2	0
0953		6	17	7.5	0.2		3.7	0.2	0
0955		9	17	7.5	-0.1		3.5	0.2	0
0958		12	17	7.5	-0.2		3.4	0.2	0
1001		15	17	7.5	-0.2		3.5	0.2	0
1004		18	17	7.5	-0.2		3.7	0.2	0
1006		21	17	7.5	-0.2		3.8	0.2	0
1010		25	17	7.5	-0.2		4.0	0.2	0
1020		SAMPLE							

SIGNATURE: J. Mrakovich

WATER VOL. IN DRUM:

NEED NEW DRUM?:

RECORD OF WATER SAMPLING

PROJECT NO: CTO-270 SAMPLE DATE: 9/7/99 WELL NO: IR26-MW45A

PROJECT NAME: Parcel B RAMP Wells WELL DIAMETER: 4"

PROJECT LOCATION: Hunters Point TOC ELEV:

SAMPLER: J. Fortuna LOCK NO:

ANALYSES: VOC, Metals, TPH-E, TPH-P

WELL DEPTH: (from construction detail)

WELL DEPTH: (measured) 15.93 SOFT BOTTOM?: NO

DEPTH TO WATER: 7.07 TIME: 1207

DATE: 8/31/99

WATER VOLUME IN WELL: 5.75 GAL

[2-INCH CASING=0.16 GAL/FT] [4-INCH CASING=0.65 GAL/FT]

[6-INCH CASING=1.47 GAL/FT] [1 GAL=3.78L]

Location Map

CALCULATED PURGE VOL. (GAL) 17.25 ACTUAL PURGE VOL. (GAL) 21

PURGE METHOD: SUB. PUMP SAMPLING METHOD: DISP. BAILER

TIME	D.T.W. (ft)	VOL. (gal)	TEMP (C)	pH	D.O. (ppm)	COND.	S.C. (M.S.)	SAL. (%)	TURB.
1035	8.17	3	19.2	5.17	0.66	27.5		1.69	0
1038	9.53	6	19.8	5.21	1.64	21.8		1.32	513
1041	9.82	9	19.9	5.21	1.40	22.1		1.33	523
1044	11.41	12	19.6	5.22	1.81	23.1		1.40	455
1047	11.35	15	19.3	5.21	1.36	25.0		1.53	238
1050	13.56	18	19.2	5.22	1.40	25.0		1.53	83
1054	14.20	21	19.1	5.23	1.05	24.7		1.53	30
1058	DRY	23.5							
1120	8.86	SAMPLE							
1143	DUPL.	SAMPLE							

SIGNATURE: _____

WATER VOL. IN DRUM:

NEED NEW DRUM?:

RECORD OF WATER SAMPLING

PROJECT NO: CTO-270 SAMPLE DATE: 9/1/99 WELL NO: IR18-MW21A

PROJECT NAME: Parcel B RAMP Wells WELL DIAMETER: 4"

PROJECT LOCATION: Hunters Point TOC ELEV:

SAMPLER: J. Fortuna LOCK NO:

ANALYSES: VOC, SVOC, Pest/PCB, Metals, TPH-E, TPH-P

WELL DEPTH: (from construction detail)

WELL DEPTH: (measured) 19.04 SOFT BOTTOM?: NO

DEPTH TO WATER: 15.39 TIME: 1328

DATE: 8/31/99

WATER VOLUME IN WELL:

[2-INCH CASING=0.16 GAL/FT] [4-INCH CASING=0.65 GAL/FT]

[6-INCH CASING=1.47 GAL/FT] [1 GAL=3.78L]

Location Map

CALCULATED PURGE VOL. (L) n/a ACTUAL PURGE VOL. (GAL) (L) 16

PURGE METHOD: Peristaltic/micropurge SAMPLING METHOD: Peristaltic pump

TIME	D.T.W. (ft)	VOL. (L)	TEMP (F)	pH	D.O. (ppm)	COND.	S.C. (M.S.)	SAL. (%)	TURB.
1103	15.4	1	65.75	7.12	1.74	1.472	1.671	0.85	52
1107	15.5	2	64.68	7.11	1.24	1.367	1.572	0.79	15
1110	15.5	3	64.89	7.09	0.70	1.271	1.456	0.73	6.7
1114	15.5	4	65.04	7.06	0.63	1.232	1.411	0.71	5.1
1119	15.5	5	65.20	7.06	0.49	1.224	1.398	0.70	4.5
1123	15.5	6	65.34	7.06	0.43	1.221	1.393	0.70	5.6
1126	15.5	7	65.34	7.08	0.35	1.213	1.385	0.70	2.9
1130	15.5	8	65.51	7.1	0.38	1.205	1.373	0.69	1.9
1134	15.5	9	65.53	7.13	0.33	1.192	1.357	0.68	1.1
1137	15.5	10	65.51	7.16	0.32	1.182	1.346	0.68	0.8
1141	15.5	11	65.62	7.17	0.30	1.175	1.336	0.67	0.3
1145	15.5	12	65.34	7.20	0.28	1.160	1.323	0.66	0.0
1152	15.5	14	65.36	7.23	0.28	1.148	1.310	0.66	0.0
1155	15.5	15	65.47	7.25	0.26	1.145	1.305	0.65	0.0
1159	15.5	16	65.27	7.25	0.23	1.141	1.303	0.65	0.0
1200	Sample								

SIGNATURE: [signature]

WATER VOL. IN DRUM:

NEED NEW DRUM?:

RECORD OF WATER SAMPLING

PROJECT NO: CTO-270 SAMPLE DATE: 9/1/99 WELL NO: PA50-MW01A

PROJECT NAME: Parcel B RAMP Wells WELL DIAMETER: 4"

PROJECT LOCATION: Hunters Point TOC ELEV:

SAMPLER: J. Mrakovich LOCK NO:

ANALYSES: VOC, Metals, TPH-E, TPH-P

WELL DEPTH: (from construction detail)

WELL DEPTH: (measured) 16.03 SOFT BOTTOM?: NO

DEPTH TO WATER: 8.11 TIME: 1241

DATE: 8/31/99

WATER VOLUME IN WELL:

[2-INCH CASING=0.16 GAL/FT] [4-INCH CASING=0.65 GAL/FT]

[6-INCH CASING=1.47 GAL/FT] [1 GAL=3.78L]

Location Map

CALCULATED PURGE VOL. (L) n/a ACTUAL PURGE VOL. (L) 11

PURGE METHOD: Peristaltic/micropurge SAMPLING METHOD: Peristaltic pump

TIME	D.T.W. (ft)	VOL. (L)	TEMP (F)	pH	D.O. (ppm)	COND.	S.C. (M.S.)	SAL. (%)	TURB.
0938	8.03	2	66.22	7.52	1.21	2.076	2.344	1.21	0.5
0941	8.03	3	66.22	7.52	1.01	2.071	2.339	1.21	0.5
0944	8.05	4	66.30	7.53	0.83	2.072	2.338	1.21	0.5
0947	8.05	5	66.36	7.53	0.69	2.074	2.337	1.21	0.5
0915	8.03	6	66.33	7.53	0.72	2.116	2.386	1.23	0.4
0953	8.01	7	66.38	7.53	0.65	2.079	2.343	1.21	0.3
0956	8.00	8	66.38	7.53	0.53	2.078	2.342	1.21	0.4
0959	8.00	9	66.39	7.54	0.52	2.081	2.345	1.21	0.3
1002	8.03	10	66.37	7.54	0.50	2.082	2.347	1.21	0.4
1004	8.04	11	66.42	7.54	0.45	2.086	2.349	1.21	0.5

SIGNATURE: J. Mrakovich

WATER VOL. IN DRUM:

NEED NEW DRUM?:

RECORD OF WATER SAMPLING

PROJECT NO: CTO-270 SAMPLE DATE: 9/3/99 WELL NO: IR10-MW28A

PROJECT NAME: Parcel B RAMP Wells WELL DIAMETER: 2"

PROJECT LOCATION: Hunters Point TOC ELEV:

SAMPLER: J. Mrakovich/J. Fortuna LOCK NO:

ANALYSES: VOCs (low level), Metals, TPH-P, TPH-E

WELL DEPTH: (from construction detail)

WELL DEPTH: (measured) 17.37 SOFT BOTTOM?:

DEPTH TO WATER: 11.0 TIME: 1230

DATE: 8/31/99

WATER VOLUME IN WELL: 1 GAL

[2-INCH CASING=0.16 GAL/FT] [4-INCH CASING=0.65 GAL/FT]

[6-INCH CASING=1.47 GAL/FT] [1 GAL=3.78L]

Location Map

CALCULATED PURGE VOL. (GAL) 3 ACTUAL PURGE VOL. (GAL) 1.25

PURGE METHOD: DISP. BAILER SAMPLING METHOD: DISP. BAILER

TIME	D.T.W. (ft)	VOL. (gal)	TEMP (C)	pH	D.O. (ppm)	COND.	S.C. (M.S.)	SAL. (%)	TURB.
1147	DRY	1.25	16	7.5	0.0		4.3	0.2	99
1235	2 ft. in well	SAMPLE							

SIGNATURE: J. Mrakovich / J. Fortuna

WATER VOL. IN DRUM:

NEED NEW DRUM?:

APPENDIX C

SEPTEMBER 1999 CHAIN-OF-CUSTODY RECORDS FOR SAMPLES

Tetra Tech EM Inc.
San Francisco Office

135 Main St. Suite 1800
San Francisco, CA 94105
415-543-4880
Fax 415-543-5480

Chain of Custody Record

PO#: T.B.D.

Lab: Severn Trent (802) 655-1203

Project name: Parcel B Ramp Wells

TtEMI technical contact: Rameen Moezzi (415) 222-8278

Field samplers: J. Fortuna / J. Mrakovich

Project number: CTO-270

TtEMI project manager: Tom Shoff (415) 222-8278

Field samplers' signatures:

Preservative Added: HCl, HNO3, HCl, HNO3, 0000

No./Container Types: 40 ml VOA, 1 Liter Amber, ~~1 Liter~~ Poly 500 ml, Brass Tube, Glass Jar

Analysis Required: CLP VOA, CLP SVOA, CLP Pest/PCBs, CLP Metals, TPH Purgeables, TPH Extractables, CLP Metals (filtered)

Sample ID	Sample Description/Notes	Date	Time	Matrix	40 ml VOA	1 Liter Amber	Poly 500 ml	Brass Tube	Glass Jar	CLP VOA	CLP SVOA	CLP Pest/PCBs	CLP Metals	TPH Purgeables	TPH Extractables	CLP Metals (filtered)
9936F001		9/1/99	0920	Water	2					X						
9936F002		9/1/99	1200	Water	4					X				X		
↓		↓	↓	↓		6					XX				X	
							2						X			X
9936F003		9/1/99	1350	Water	4					X				X		
↓		↓	↓	↓		2									X	
							2						X			X
9936F004		9/1/99	1005	Water	4					X				X		
↓		↓	↓	↓		2									X	
							2						X			X
9936F005		9/1/99	1445	Water	4					X				X		
↓		↓	↓	↓		6					XX				X	

	Name (print)	Company Name	Date	Time
Relinquished by:	John Fortuna	R&M Environmental	9/1/99	1630
Received by: Relinquished to FedEx				
Relinquished by:				
Received by:	Don Dawicki	STC	9/2/99	0930
Relinquished by:				
Received by:				
Relinquished by:				
Received by:				

Turnaround time/remarks:
FedEx airbill # 8121 8868 1636
Associated w/ COC 0418

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San Francisco, CA 94105
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0418

Chain of Custody Record

Project name:	Parcel B Ramp Wells
Project number:	CTO-270
PO#	T.B.D.
TtEMI technical contact:	Rameen Moezzi (415) 222-8278
TtEMI project manager:	Tom Shoff (415) 222-8278
Lab:	Severn Trent (802) 655-1203
Field samplers:	J. Fortuna/J. Mrakovich
Field samplers' signatures:	

Sample ID	Sample Description/Notes	Date	Time	Matrix	40 ml VOA	1 Liter Amber	~~1 Liter~~ Poly 500 ml	Brass Tube	Glass Jar	CLP VOA	CLP SVOA	CLP Pest/PCBs	CLP Metals	TPH Purgeables	TPH Extractables	CLP metals (filtered)
9936F005		9/1/99	1445	Water	—		2	—	—	—	—	—	X	—	—	X

No./Container Types

Preservative Added: HCl, HNO3, Ice

Analysis Required

9/1/99

	Name (print)	Company Name	Date	Time
Relinquished by: / Received by: Relinquished to FEDEX	John Fortuna	R+M Environmental	9/1/99	1630
Relinquished by: / Received by:	Don Dawicki	STL	9/2/99	0930
Relinquished by: / Received by:				
Relinquished by: / Received by:				

Turnaround time/remarks:
FedEx airbill # 812188681636
Associated w/ COC 0417

42U

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Page 1 of 1

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PO# 992262

Lab: Severn Trent (802) 655 1203

Project name: Parcel B Ramp Wells

TtEMI technical contact: Rameen Moezzi (415) 222 8278

Field samplers: J. Fortuna / J. Mrakovich

Project number: CTO 270

TtEMI project manager: Tom Shoff (415) 222 8347

Field samplers' signatures:

Preservative Added: HCl, NaOH, 8000

No./Container Types: 40 ml VOA, 1 Liter Amber, 1 Liter Poly, Brass Tube, Glass Jar

Analysis Required: CLP VOA, CLP SVOA, CLP Pest/PCBs, CLP Metals, TPH Purgeables, TPH Extractables

Sample ID	Sample Description/Notes	Date	Time	Matrix	40 ml VOA	1 Liter Amber	1 Liter Poly	Brass Tube	Glass Jar	CLP VOA	CLP SVOA	CLP Pest/PCBs	CLP Metals	TPH Purgeables	TPH Extractables
9936M001		9/2/99	0800	Water	2					X					
9936F006			0830	Water	2					X					
9936M002			1000	Water	4	6	1			X	X	X	X	X	X
9936F007			1045	Water	4	2	1			X	—		X	X	X
9936M003			1130	Water	4	2	1			X	—		X	X	X
9936F008			1245	Water	4	2	1			X	—		X	X	X
9936M004			1400	Water	4	2	1			X	—		X	X	X
9936M005			1235	Water	4	2	1			X	—		X	X	X
9936F009			1415	Water	4	2	1			X	—		X	X	X

	Name (print)	Company Name	Date	Time
Relinquished by:	John Fortuna	R&M E/E	9/2/99	1630
Received by:	Relinquishes to FEDEX			
Relinquished by:	DON DAWICKI	STL	9/3/99	0930
Received by:				
Relinquished by:				
Received by:				
Relinquished by:				
Received by:				

Turnaround time/remarks: Standard

FedEx Airbill # 8121 8868 1647

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0422

Chain of Custody Record

Page 1 of 1

Project name:	Parcel B Ramp Wells
Project number:	CTO 270
PO#	992262
TtEMI technical contact:	Rameen Moezzi (415) 222 8278
TtEMI project manager:	Tom Shoff (415) 222 8347
Lab:	Severn Trent (802) 655 1203
Field samplers:	J. Fortuna / J. Markovich
Field samplers' signatures:	

Preservative Added: HCl, HNO3, HCl, 0000

Sample ID	Sample Description/Notes	Date	Time	Matrix	40 ml VOA	1 Liter Amber	1 Liter Poly	Brass Tube	Glass Jar	CLP VOA	CLP SVOA	CLP Pest/PCBs	CLP Metals	TPH Purgeables	TPH Extractables	CLP VOA Low Level
9936F010		9/3/99	0910	Water	4	2	1			X			X	X	X	
9936F011			0830	Water	2					X						
9936F012			1040	Water	4	2	1			X			X	X	X	
9936F013	MS/MSD		1155	Water	8	4	2			X			X	X	X	
9936F014			1315	Water	4	2	1						X	X	X	X
9936M006			0920	Water	4	2	1			X			X	X	X	
9936M007			1020	Water	4	2	1			X			X	X	X	
9936M008			1020	Water	4	2	1			X			X	X	X	
9936M009			1130	Water	2											X
9936M010			1235	Water	2											X

	Name (print)	Company Name	Date	Time
Relinquished by:	John Fortuna	R&M Environmental	9/3/99	1600
Received by:	Relinquished to FedEx			
Relinquished by:				
Received by:				
Relinquished by:				
Received by:				
Relinquished by:				
Received by:	Scott Lavigne	STL	9/7/99	0930

Turnaround time/remarks: Standard / CLP VOA analyses for the following samples are Low-Level: 9936F014, 9936M009, 9936M010

FedEx airbill # 8121 8868 1658

0426

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Page 1 of 1

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PO#: 992262

Lab: Severn Trent (802) 655 1203

Project name: Parcel B RAMP wells

TtEMI technical contact: Raneen Mozzi (415)222-8278

Field samplers: J. Fortuna / J. Mrakovich

Project number: CTO 270

TtEMI project manager: Tom Shoff (415) 222-8347

Field samplers' signatures:

Sample ID	Sample Description/Notes	Date	Time	Matrix	40 ml VOA	1 Liter Amber	1 Liter Poly	Brass Tube	Glass Jar	CLP VOA	CLP SVOA	CLP Pest/PCBs	CLP Metals	TPH Purgeables	TPH Extractables
9937 F015		9/7/99	0822	Water	2					X					
9937 F016			0920	Water	4	2	1			X	—		X	X	X
9937 F017			1010	Water	4	2	1			X	—		X	X	X
9937 F018			1120	Water	4	6	1			X	X	X	X	X	X
9937 F019			1143	Water	4	6	1			X	X	X	X	X	X
9937 M011	MS/MSD		900	Water	8	4	2			X	—		X	X	X
9937 M012			1110	Water	4	2	1			X	—		X	X	X
9937 M013			1045	Water	4	2	1			X	—		X	X	X
9937 M014			1315	Water	4	6	1			X	X	X	X	X	X

Preservative Added: HCl, HNO3

	Name (print)	Company Name	Date	Time
Relinquished by:	John Fortuna	R&M EIE	9/9/99	1600
Received by: Relinquished to FEDEX				
Relinquished by:				
Received by:				
Relinquished by:				
Received by:				
Relinquished by:				
Received by:				

Turnaround time/remarks: Standard

Sample 9937M011 is a MS/MSD

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0430

Chain of Custody Record

Page 1 of 1

Project name:	Parcel B RAMP wells
Project number:	CTO 270
PO#	992262
TtEMI technical contact:	Ramen Moezzi (415) 222 8278
TtEMI project manager:	Tom Shoff (415) 222 8347
Lab:	Severn Trent
Field samplers:	John Fortuna
Field samplers' signatures:	

Sample ID	Sample Description/Notes	Date	Time	Matrix	40 ml VOA	1 Liter Amber	1 Liter Poly	Brass Tube	Glass Jar	CLP VOA	CLP SVOA	CLP Pest/PCBs	CLP Metals	TPH Purgeables	TPH Extractables
9937F020		9/7/99	1500	Water	2	2	1						X	X	X

	Name (print)	Company Name	Date	Time
Relinquished by:	John Fortuna	R&M EIE	9/7/99	1600
Received by: Relinquished to FedEx				
Relinquished by:				
Received by:				
Relinquished by:				
Received by:				
Relinquished by:				
Received by: Scott Lau	Scott Lavigne	STL	9/8/99	1000

Turnaround time/remarks:

FedEx airbill # 8121 8868 1669

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0431

Chain of Custody Record

| | | |

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H1249

Chain of Custody Record

Project name: Parcel B Ramp Wells	PO#: T.B.D.	Lab: (510) 486-0900 Curtis + Tompkins
Project number: CTO-270	TtEMI technical contact: (415) Rancen Moezzi 222-8278	Field samplers: J. Fortuna
	TtEMI project manager: (415) Tom Shott 222-8278	Field samplers' signatures:

Sample ID	Sample Description/Notes	Date	Time	Matrix	40 ml VOA	1 Liter Amber	1 Liter Poly	Brass Tube	Glass Jar	CLP VOA	CLP SVOA	CLP Pest/PCBs	CLP Metals	TPH Purgeables	TPH Extractables	Hex. Chromium
9936 F002		9/1/99	1200	Water			X									X
9936 F003		↓	1350	↓			X									X
9936 F004			1005				X									X
9936 F005			1445				X									X

Preservative Added

No./Container Types

Analysis Required

	Name (print)	Company Name	Date	Time
Relinquished by:	John Fortuna	R&M Environmental	9/1/99	1638
Received by:	LISA Bennetts	Curtis + Tompkins	9/1/99	4.40
Relinquished by:				
Received by:				
Relinquished by:				
Received by:				
Relinquished by:				
Received by:				

Turnaround time/remarks:

Te[redacted]ec[redacted]M In[redacted]
San [redacted]cisco Office

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M1278

Chain of Custody Record

Page 1 of 1

Project name: Parcel B Ramp Wells	PO# 992264	Lab: Curtis & Tompkins
Project number: CTO 270	TtEMI technical contact: Rameen Moezzi (415) 222 8278	Field samplers: J. Fortuna / J. Mrakovich
	TtEMI project manager: Tom Shoff (415) 222-8347	Field samplers' signatures: [signature]

Sample ID	Sample Description/Notes	Date	Time	Matrix	40 ml VOA	1 Liter Amber	1 Liter Poly	Brass Tube	Glass Jar	CLP VOA	CLP SVOA	CLP Pest/PCBs	CLP Metals	TPH Purgeables	TPH Extractables	Hex Chromium
9936 M002		9/2/99	1000	Water	—		X									X
9936 F007 (JF)		↓	1045	Water	—		X									X
~~9936 M003~~	No sample 9/2/99 [illegible]		~~1130~~	~~Water~~	—		X									X
9936 F008			1245	Water	—		X									X
9936 M004			1400	Water	—		X									X
9936 M005			1235	Water	—		X									X
9936 F009		↓	1415	Water	—		X									X

	Name (print)	Company Name	Date	Time
Relinquished by: ~~Joff~~ (JF) [signature]	John Fortuna	Rtm Environmental	9/2/99	1700
Received by: [signature]	J. Williams	C&T	9/2/99	1700
Relinquished by:				
Received by:				
Relinquished by:				
Received by:				
Relinquished by:				
Received by:				

Turnaround time/remarks:

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141300

Chain of Custody Record

PO#	992264
Lab:	(510) 486-0900 Curtis + Tompkins
Project name:	Parcel B RAMP wells
TtEMI technical contact:	Rameen Moezzi (415) 222-8278
Field samplers:	J. Fortuna / J. Mrakovich
Project number:	CTO 270
TtEMI project manager:	Tom Shott (415) 222-8347
Field samplers' signatures:	

Preservative Added

No./Container Types

Analysis Required

Sample ID	Sample Description/Notes	Date	Time	Matrix	40 ml VOA	1 Liter Amber	1 Liter Poly	Brass Tube	Glass Jar	CLP VOA	CLP SVOA	CLP Pest/PCBs	CLP Metals	TPH Purgeables	TPH Extractables	Hex Chromium
9936 M003		1215	9/3/99	Water			1									X
9936 M006		0920					1									X
9936 M007		1020					1									X
9936 M008		1020					1									X
9936 F010		0910					1									X
9936 F012		1040					1									X
9936 F013	MS/MSD	1155					2									X
9936 F014		1315					1									X

	Name (print)	Company Name	Date	Time
Relinquished by:	John Fortuna	R & M Environmental	9/3/99	
Received by:	LISA Bennetts	Curtis + Tompkins	9/3/99	3:50
Relinquished by:				
Received by:				
Relinquished by:				
Received by:				
Relinquished by:				
Received by:				

Turnaround time/remarks: Standard (24-hr holding)

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Chain of Custody Record

141321

PO#	992264
Lab:	Curtis & Tompkins (510) 486 0900
Project name:	Parcel B Ramp wells
TtEMI technical contact:	Rameen Moezzi (415) 222 8278
Field samplers:	J. Fortuna / J. Mrakovich
Project number:	CTO 270
TtEMI project manager:	Tom Scott (415) 222 8347
Field samplers' signatures:	

Sample ID	Sample Description/Notes	Date	Time	Matrix	40 ml VOA	1 Liter Amber	1 Liter Poly	Brass Tube	Glass Jar	CLP VOA	CLP SVOA	CLP Pest/PCBs	CLP Metals	TPH Purgeables	TPH Extractables	Hex. Chromium
9937F016		9/7/99	0920	Water			1									X
9937F017			1010	Water			1									X
9937F018			1120	Water			1									X
9937F019			1143	Water			1									X
9937M011	MS/MSD		0900	Water			2									X
9937M012			1110	Water			1									X
9937M013			1045	Water			1 2									X
9937M014			1315	Water			1									X

	Name (print)	Company Name	Date	Time
Relinquished by:	John Fortuna	R&M ETE		
Received by:	Lisa Bennetts	CTT	9/7/99	4:25
Relinquished by:				
Received by:				
Relinquished by:				
Received by:				
Relinquished by:				
Received by:				

Turnaround time/remarks: Sample 9937M011 is a MS/MSD

TEMP RECEIVED: From field
RECEIVED BY:

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141321

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Chain of Custody Record

PO#	992264
Lab:	Curtis + Tompkins
Project name:	Parcel B Ramp Wells
TtEMI technical contact:	(415) Ramen Moe 222-8278
Field samplers:	John Fortuna
Project number:	CTO 270
TtEMI project manager:	(415) Tom Shuff 222-8347
Field samplers' signatures:	

Preservative Added

Sample ID	Sample Description/Notes	Date	Time	Matrix	40 ml VOA	1 Liter Amber	1 Liter Poly	Brass Tube	Glass Jar	CLP VOA	CLP SVOA	CLP Pest/PCBs	CLP Metals	TPH Purgeables	TPH Extractables	Hex. Chromium
9 9937F020		9/7/99	1500	Water	—	1	—									X

	Name (print)	Company Name	Date	Time
Relinquished by:	John Fortuna	RTM EIE	9/7/99	
Received by:	Lisa Bennetts	Curtis + Tompkins	9/7/99	4:25
Relinquished by:				
Received by:				
Relinquished by:				
Received by:				
Relinquished by:				
Received by:				

Turnaround time/remarks:

WHITE-[redacted]ory Co[redacted] YELLOW-[redacted]ffice C[redacted]