APPENDIX A

Background Details

PA Summary

DoD Site #
27
Area: I

☑ NDAI ☐ FAR ☐ IRR ☐ Potential OE

SITE DESCRIPTION

Parcel # (APN)	Owner Name	Site Address
0080-150-200	ROBBINS J REED	1063 JEFFERSON STREET

Year Bldg. Built	1861	Year Bldg. Removed	Not applicable	Site Area (SqFt)	7725

Current Land Use Mixed Use-Lower Arsenal

OPERATIONAL HISTORY

DoD Use Type
Housing

DoD Uses
Captain's Quarters

Secondary DoD Uses
Fuel Type

Post-Army Uses
Residence

Flooring
Wood

Disposal Information
None Listed

Activities (inside/outside)
Inside

Records Research Report Addenda Data
250-gallon fuel oil tank and burner installed in October 1928.

Records Research Report Comments
Located east of Buildings 25 and 26.

ENVIRONMENTAL SUMMARY

Vessel Inventory

	Type	Original Owner	Size (Gal.)	Construction	Commodity Stored	Date Installed	Date Removed	Post-Army	Installed Post-Army
Vessel # 1	UST	US Army	250	Steel	Fuel oil	1928	1/5/2006	Unknown	☐

Uses: Fuel Storage

Comments: Unknown if tank is still present.

Furthest Stage of Environmental Investigation
RI

COMMENTS

A geophysical survey performed in December 2005 identified a fuel oil UST on the south side of the property. A 250-gallon steel UST was uncovered. The UST appeared to be in good condition with a few minor holes. Rainwater was removed from the tank. Soil was visibly impacted beneath the UST. Additional soil and sandstone was over excavated to a depth of 11 feet bgs. Residual hydrocarbons were reported in the fractures of the sandstone. There is no groundwater at the site. Therefore, there is no threat to groundwater.

PA Summary

DoD Site #
27
Area: I

RECOMMENDATIONS

No further DoD action is indicated for this site.

PA Summary

DoD Site #
51
Area: I

☐ NDAI ☑ FAR ☐ IRR ☐ Potential OE

SITE DESCRIPTION

Parcel # (APN)	Owner Name	Site Address
0080-150-100	WELSH RALPH T & ANN	932 GRANT STREET

Year Bldg. Built 1909 **Year Bldg. Removed** Not applicable **Site Area (SqFt)** 7192

Current Land Use Mixed Use-Lower Arsenal

OPERATIONAL HISTORY

DoD Use Type
Industrial/Manufacturing Shops

DoD Uses
Stable/Maintenance

Secondary DoD Uses
Unknown

Post-Army Uses
1968-1977: Office and storage of electrical supplies for Contra Costa Electric, Inc.

Flooring
Unknown

Disposal Information
Unknown

Activities (inside/outside)
Inside. Some storage was outside.

Records Research Report Addenda Data
Underground services cleared for construction in 1909. The building was located just north of Building 98. Following removal of mules in the 1940's, several 55-gallon drums filled with fuel for maintenance operations in the area were stored directly south of Building 51. According to Drawing 5091, dated 1 October 1951 (ref 288), plans were made to enclose a steam cleaning shed just behind Building 51. In this drawing, Building 51 was identified as a shop that included a hydraulic lift, a catch basin, an existing sump, and a drain trap. According to a 1957 inventory of buildings, the structure was being used by the Signal Corps for fork truck repair.

Records Research Report Comments
Record research indicates building was demolished, date not listed.

ENVIRONMENTAL SUMMARY

Vessel Inventory

	Type	Original Owner	Size (Gal.)	Construction	Commodity Stored	Date Installed	Date Removed	Post-Army	Installed Post-Army
Vessel # 1	ASTs	US Army	55	Steel	Unknown Fuel	Unknown	Unknown	Unknown	☐

Uses: Fuel Storage

Comments: Following the removal of the mules from the stable in the 1940's, several 55-gallon drums filled with fuel for maintenance operations in the area directly south of Building 51.

Furthest Stage of Environmental Investigation
RI

PA Summary

DoD Site #

51

Area: I

COMMENTS

Unknown where fuel drums were stored and the type of maintenance activities occurred in the former building. Soil samples were collected during the 2004 Expanded Site Inspection investigation. PAHs were detected at 1.5 feet below ground surface at concentrations ranging from 0.0037 mg/kg (benzo(a)anthracene) to 0.34 mg/kg (pyrene). No petroleum hydrocarbons were detected above ESLs. Lead was reported at 798 mg/kg in the soil duplicate at 0.5 feet below ground surface. Groundwater was not encountered. During the 2006 Expanded SI Addendum, additional soil samples were collected to delineate and confirm the lead concentration. The additional soil samples contained lead at concentrations around 150 mg/kg. The previous sample that contained 798 mg/kg is considered an anomaly.

RECOMMENDATIONS

A risk evaulation is recommended.

PA Summary

DoD Site #
58(A)
Area: I

☐ NDAI ☑ FAR ☐ IRR ☐ Potential OE

SITE DESCRIPTION

Parcel # (APN)	Owner Name	Site Address
0080-280-030	HISTORIC ARSENAL PARK LTD	900 JACKSON STREET

Year Bldg. Built 1900s **Year Bldg. Removed** 1932-1944 **Site Area (SqFt)** 2341

Current Land Use Mixed Use-Lower Arsenal

OPERATIONAL HISTORY

DoD Use Type
Industrial/Manufacturing Shops

DoD Uses
Small Arms Repair and Retinning/Boiler Room

Secondary DoD Uses
None Listed

Post-Army Uses
None Listed

Flooring
Unknown

Disposal Information
Unknown

Activities (inside/outside)
Inside

Records Research Report Addenda Data
In the early 1900's, Building 58(A) served as a facility for loading projectiles with explosive powder. The original boiler room was presumably was removed at about the time Building 56A was constructed in 1944. A letter to the Commanding Officer at the Arsenal, from the Inspector General, dated April 3, 1908 discussed the dust from the ramming of Explosive D into projectiles in the shop boiler room. The dust was described as "very disagreeable and must prove injurious to the energy of employees inhaling it for a long period" (ref 206). Jim Milburn recalled this building used as a boiler room during his tenure.

Records Research Report Comments
Removed by DoD. Building also used as a tinning plant and small arms repair. Over 1,100 armor-piercing shells were loaded, as were nearly 2,000 pounds of D.P Shells. Building shows up on a 1932 Map (ref 651).

ENVIRONMENTAL SUMMARY

Vessel Inventory

	Type	Original Owner	Size (Gal.)	Construction	Commodity Stored	Date Installed	Date Removed	Post-Army	Installed Post-Army
Vessel # 1	AST or UST?	US Army	0	Unknown (likely steel)	Fuel oil	1900s	Pre 1944	No	☐

Uses: Fuel Storage

Comments: This tank was not listed in the Records Research Report. However, boiler houses required a fuel source. Based on other boiler houses during this time period, it was likely that a fuel tank was located in the area and may be the same one for B65(A).

Furthest Stage of Environmental Investigation
RI

PA Summary

DoD Site #

58(A)

Area: I

COMMENTS

Building 56A was built over the former Building 58(A). USACE conducted a geophysical survey in March 1999 to evaluate the thickness of Building 56A concrete slab and to plan for sampling activities in order to avoid underground piping and utilities. Underground utilities were not identified and the thickness of the slab could not be determined. This survey did not identify any features that would indicate the presence of former Building 58(A) or any associated UST for the boiler house (ref 1207). In 1999, USACE collected soil beneath the concrete floor of Building 56A in the area of the former Building 58(A). Hydrocarbons were reported in the soil samples. The source of the contamination could not be totally attributed to former Building 58(A) because an known source of TPH approximately 50 feet away at Building 154, a former UST site. Depth to groundwater is less than 5 feet. During the 2004 Expanded Site Inspection investigation, TPH and PAHs were laterally and vertically defined in soil and groundwater. Fuels and PAHs were below their respective ESLs/BSLs. Lead was detected in soil at 7560 mg/kg, above the BSL of 750 mg/kg and defined nothrt , west, and east of boring B058ASB001. The landowner has refused USACE access to the property.

RECOMMENDATIONS

Additional investgation is recommended to determine the lateral extent of lead and in soil south of Expanded SI boring B058ASB001.

PA Summary

DoD Site #
90
Area: I

☐ NDAI ☑ FAR ☐ IRR ☐ Potential OE

SITE DESCRIPTION

Parcel # (APN)	Owner Name	Site Address
0080-140-440	BENICIA INTERNTL ASSOC	711 JACKSON STREET

Year Bldg. Built	1941	Year Bldg. Removed	Not applicable	Site Area (SqFt)	2343

Current Land Use Mixed Use-Lower Arsenal

OPERATIONAL HISTORY

DoD Use Type
Industrial/Manufacturing Shops

DoD Uses
Locomotive Building

Secondary DoD Uses
Fuel type

Post-Army Uses
1972-1975 Leased to Leon Bates to manufacture and distribute tile (ref 587). Operations at Building 165 and Building 90 included manufactured aluminum wheels for automobiles and installing fiberglass truck beds on pick-up trucks. The aluminum wheel process included pouring the aluminum into a form. This was done in Building 90. The aluminum wheel was then grinded and cleaned. The finished wheels were then sold and distributed.
The types of cleaning activities are unknown. Currently used as an industrial painting operation.

Flooring
Concrete

Disposal Information
If Building 90 was built as shown in the November 1940 drawing then the building had a had a drain and sump in the far corner of the pit. A locomotive pit in the east half of the building had drainage that included 55 feet of 6 inch vitrified clay pipe. The outlet of the drain line is unknown.

Activities (inside/outside)
Inside

Records Research Report Addenda Data
Constructed in 1941 to house the Arsenals two (2) diesel locomotives and associated maintenance facilities. A drawing for a Proposed Locomotive Building dated 8 November 1940 identified, in the center of the facility, a concrete locomotive pit that measured 4 feet deep and 4 feet wide.

Records Research Report Comments
One year after its completion, Building 90 proved inadequate for the storage and repair required by the Arsenals locomotives. A request was formally made for a suitable locomotive facility, plus additional storage track. Historical maps show that the first building was located south of Building 91, but was moved to its present location northwest of Building 156.

ENVIRONMENTAL SUMMARY

Vessel Inventory

Type	Original Owner	Size (Gal.)	Construction	Commodity Stored	Date Installed	Date Removed	Post-Army	Installed Post-Army

PA Summary

DoD Site #
90
Area: I

Vessel Inventory

	Type	Original Owner	Size (Gal.)	Construction	Commodity Stored	Date Installed	Date Removed	Post-Army	Installed Post-Army
Vessel # 1	Locomotive pit?	US Army	0	Concrete	Unknown	Unknown	Unknown	Unknown	☐

Uses: Maintenance

Comments: A proposed locomotive building shows a pit, located in the center of the facility. A sump and drain would have been associated with the pit (ref 625) (Appendix C1).

Furthest Stage of Environmental Investigation

RI

COMMENTS

The location of a proposed locomotive building was approximately 90 feet south-southeast of Building 55 along the railroad tracks that align with the southern edge of Building 56A. Building 90 was actually built northwest of Building 156. There are no detailed drawings of Building 90, only this proposed plan. The actual location of the sump or drain lines from a pit are unknown. During the 2004 Expanded Site Inspection investigation, a boring was advanced downgradient of the building. Diesel fuel was reported at 97 ug/L in groundwater, below the ESL of 640 ug/L. Napthalene and PCE were detected at concentrations of 0.63 and 0.52 ug/L. Cis-1,2 DCE and TCE were detected at 13 and 2.4 ug/L. This contamination could be associated with the wheel manufacturing. A building is adjacent to the groundwater sample location, therefore, a soil gas sample was collected. The soil gas concentrations do not exceed their ESLs.

RECOMMENDATIONS

A risk assessment should be performed on detected contaminates.

PA Summary

DoD Site #
101
Area: I

☑ NDAI ☐ FAR ☐ IRR ☐ Potential OE

SITE DESCRIPTION

Parcel # (APN)	Owner Name	Site Address
0080-140-100	BENICIA INDUSTRIES INC	1200 ADAMS STREET

Year Bldg. Built 1942 **Year Bldg. Removed** 1973-1998 **Site Area (SqFt)** 7711

Current Land Use Industrial-Waterfront

OPERATIONAL HISTORY

DoD Use Type
Industrial/Manufacturing Shops

DoD Uses
Battery Charge Building

Secondary DoD Uses
Battery

Post-Army Uses
1973: Lutz Tire for a garage and repair facility (ref 418). 1973: De Van Robins for a metal shop (ref 418). Currently owned by Benicia Industries.

Flooring
Concrete

Disposal Information
None Listed

Activities (inside/outside)
Inside

Records Research Report Addenda Data
Date to vacate 7/13/62 (ref 713). SERVICE SHOPS: Battery Shop: acid tank (2) (3.5'x3'x4'), steam cleaner (ref 714). 30 June 1942 drawing shows a septic tank constructed of wood with an outflow trench across the road and under the railroad tracks to a point above high water (ref 619). Also identified are floor drains along with a hydraulic lift casing and a raceway approximately 26 feet long and 2 feet deep (ref 619). 1952; Brown and Caldwell identifies building operations including steam cleaning of battery cases (ref 405). The 1952 report also states that Building 101 is served by a 6-inch line that discharges at Point C directly into the Carquinez Strait. According to a disposition, dated 1 December 1953, the batteries were not identified as ordnance items because of deterioration. 6 May 1954, referenced 90 batteries (S/N 3B65L)(not an automotive type) found to be salvage. Does not list disposal location. According to a 1945 and 1954 Arsenal maps, Building 101 was named a "Battery Charging" Building (ref 650 and 646, respectively).

Records Research Report Comments
Demolished by Benicia Industries. The sewage line in front of Building 101 repeatedly clogged according to the records research report. The building had a septic tank with an outflow to a point above high water. Floor drains existed along with a hydraulic lift casing and a raceway (approximately 26 feet long and 2 feet deep).

ENVIRONMENTAL SUMMARY

Vessel Inventory

Type	Original Owner	Size (Gal.)	Construction	Commodity Stored	Date Installed	Date Removed	Post-Army	Installed Post-Army

PA Summary

DoD Site #
101
Area: I

Vessel Inventory

	Type	Original Owner	Size (Gal.)	Construction	Commodity Stored	Date Installed	Date Removed	Post-Army	Installed Post-Army
Vessel # 1	Septic Tank	US Army	0	Wooden	Sewage	1942	Unknown	Unknown	☐
Uses: Septic Tank									
Comments: a drawing dated 30 July 1942 (ref 619)(Appendix C1) identifies the location of a septic tank east of the building. The tank was to be constructed of wood with an outflow trench running across road and under railroad tracks, to a point above hi water.									
Vessel # 2	AST	US Army	0	Unknown	Acid	Pre-1957	Unknown	Unknown	☐
Uses: Dip Tank									
Comments: Pre-1957 based on Reference 714, Equipment list for new facility.									
Vessel # 3	AST	US Army	0	Unknown	Acid	Pre-1957	Unknown	Unknown	☐
Uses: Dip Tank									
Comments: Pre-1957 based on Reference 714, Equipment list for new facility.									

Furthest Stage of Environmental Investigation

RI

COMMENTS

Building operations include steam cleaning of battery cases. Wastes flowed into floor drains. During the 2004 Expanded Site Inspection investigation, two borings were advanced downgradient of the building's foundation. Low to trace concentrations of metals and fuels were reported in groundwater. These concentrations do not exceed their respective RWQCB ESLs and indicate no significant DoD impact. During the 2006 Expanded SI Addendum, a soil sample was collected near the bottom of a darin in the concrete foundation. It was analyzed for lead. The concentration of lead did not exceed the ESL.

RECOMMENDATIONS

No further DoD action is indicated (NDAI) for this site.

PA Summary

DoD Site #
111
Area: M

☑ NDAI ☐ FAR ☐ IRR ☐ Potential OE

SITE DESCRIPTION

Parcel # (APN)	Owner Name	Site Address
0080-140-050	BENICIA CITY	

Year Bldg. Built	Pre-1945	Year Bldg. Removed	1957-1961	Site Area (SqFt)	1728

Current Land Use Industrial-General

OPERATIONAL HISTORY

DoD Use Type
Heavy Equipment Yard

DoD Uses
Heavy Equipment Shop

Secondary DoD Uses
Unknown

Post-Army Uses
None Identified

Flooring
Unknown

Disposal Information
None Identified

Activities (inside/outside)
Outside/Inside

Records Research Report Addenda Data
(According to ref 167, the building was present in 1957). Presumably, building was demolished by DoD prior to 1961, because the buildings is not listed in the 1961 Facility Data Sheet (ref 196), and no building remains today.

Records Research Report Comments
The third sanitary line handled waste from Buildings 50, 111, and 136 and discharged at Point D (ref 405). Building 136 is shown attached to the east side of Building 111. Records research offered little detail regarding operations in the heavy equipment yard.

ENVIRONMENTAL SUMMARY

Furthest Stage of Environmental Investigation
SI

COMMENTS

Records Research is unclear on site activities. Unknown what happened to the shop. During the 2004 Expanded Site Inspection investigation, downgradient groundwater and soil gas samples were collected. The only analyte detected was MTBE at a concentration of 0.32 ug/L in groundwater. The army never used fuel with MTBE, therefore, this is a post-Army release. A geophysical survey was performed on behalf of USACE on 18 February 2005 to determine if the Army tanks were USTs. The area was surveyed with vertical magnetics, line-locators and ground penetrating radar. The area surveyed was around the footprint of the existing building. The geophysical survey found a reinforced concrete pad, some anomalies that were confirmed by GPR to likely be buried debris, and a buried petroleum pipeline. Otherwise, there were no other anomalies that would indicate the presence of any USTs in this area.

PA Summary

DoD Site #
111
Area: M

RECOMMENDATIONS

No additional DoD action is indicated.

PA Summary

DoD Site #
161
Area: I

☐ NDAI ☑ FAR ☐ IRR ☐ Potential OE

SITE DESCRIPTION

Parcel # (APN)	Owner Name	Site Address
0080-280-010	HISTORIC ARSENAL PARK LTD	920 JACKSON STREET

Year Bldg. Built	Year Bldg. Removed	Site Area (SqFt)
Pre-1945	1981-1998	11200

Current Land Use Mixed Use-Lower Arsenal

OPERATIONAL HISTORY

DoD Use Type
Industrial/Manufacturing Shops

DoD Uses
Motor Cleaning Building/Steam Cleaning/Paint Spray/Fuel Storage

Secondary DoD Uses
Fuel/Paint/Fuel Storage Facilities

Post-Army Uses
1967-1981: International Manufacturing Company for office space and a facility for the manufacture and storage of pumps, water systems, swimming pools, automobile wheels and accessories (ref 425, 587, 702).

Flooring
Concrete

Disposal Information
Drawing 4619, dated 6 October 1949 identifies service pit in the floor of paint booth and the sump connected to the storm drain along the eastern side of the building.

Activities (inside/outside)
Inside and Outside

Records Research Report Addenda Data
A drawing dated 31 May 1944 (ref 609) shows a kerosene storage tank (adjacent to the north side of the building), paint spray booth, degreaser, steam cleaner, storm drains, catch basins and underground gas lines (ref 609). Record Research identified a dip tank line, stripping tank, acid dip tank (2), water dip tank (2), neutralizer tank (ref 714). Drawing 4619, dated 6 October 1949 identifies service pit in the floor of paint booth. The pit measured 10x3.5 feet and had a 6-inch drain that ran directly to the storm drain. A 1952 survey by Brown and Caldwell indicated the building operations included steam cleaning of large components, dipping and painting (ref 405). Guide Sheet A dated 1957 stated the building had been constructed in a temporary-type manner on reclaimed tidelands without pilings. Drawing 6105, dated 28 August 1958 identifies 4 catch basins and 4 drain trenches proposed as part of the building rehabilitation. Drawing 6270, dated 22 Sept. 1959 identifies boiler house, spray paint booth, and proposed drying oven. 1962 vacate date (ref 713).

Records Research Report Comments
Demolished by Benicia Industries. Temporary construction of building resulted in uneven settling, creating excessive stresses in trussed members to the extent that numerous failures occurred. Floors sank so badly that the floor drains could not operate (ref 54). A 1952 report indicated that there were sewer system deficiencies in the area of Buildings 56, 57, 89, and 161 which frequently needed rodding to keep the sewage lines open. Drain trenches and foundation remain.

ENVIRONMENTAL SUMMARY

Vessel Inventory

Type	Original Owner	Size (Gal.)	Construction	Commodity Stored	Date Installed	Date Removed	Post-Army	Installed Post-Army

PA Summary

DoD Site #
161
Area: I

Vessel Inventory

	Type	Original Owner	Size (Gal.)	Construction	Commodity Stored	Date Installed	Date Removed	Post-Army	Installed Post-Army
Vessel # 1	UST	US Army	3000	Steel	Kerosene, Diesel?	1945	1/5/2006	Unknown	☐
Uses: Fuel Storage									
Comments: Assumed size based on reports of a similar kerosene tank at adjacent Building 103 that was not found in 1999 but likely this tank at Building 161 (FA/BC Ref 1077). Pre-1944 based on Reference 609, 1944 Map									
Vessel # 2	Trench	US Army	0	Unknown	Wastes	1945 -1958	Present	Unknown	☐
Uses: Drain Trench									
Comments: Constructed with a catch basin at each end. Still exists. Pre-1958 based on Reference 610, 1958 Drawing.									
Vessel # 3	Trench	US Army	0	Unknown	Wastes	1945 -1958	Present	Unknown	☐
Uses: Drain Trench									
Comments: Constructed with a catch basin at each end. Still exists. Pre-1958 based on Reference 610, 1958 Drawing.									
Vessel # 4	Trench	US Army	0	Unknown	Wastes	1945 -1958	Present	Unknown	☐
Uses: Drain Trench									
Comments: Constructed with a catch basin at each end. Still exists. Pre-1958 based on Reference 610, 1958 Drawing.									
Vessel # 5	Trench	US Army	0	Unknown	Wastes	1945 -1958	Present	Unknown	☐
Uses: Drain Trench									
Comments: Constructed with a catch basin at each end. Still exists. Pre-1958 based on Reference 610, 1958 Drawing.									
Vessel # 6	Pit	US Army	0	Unknown	Wastes	Pre-1949	Present	Unknown	☐
Uses: Service Pit									
Comments: Still exists. Pre-1949 based on Reference 612, 1949 Drawing.									
Vessel # 7	AST	US Army	0	Unknown	Solvents	Pre-1944	Unknown	Unknown	☐
Uses: Degreasing Dip Tank									
Comments: Pre-1944 based on Reference 609, 1944 Drawing.									
Vessel # 8	Booth	US Army	0	Unknown	Paints	Pre-1944	Not present	Unknown	☐
Uses: Paint Booth									
Comments: Pre 1944 based on Reference 609, 1944 Drawing.									
Vessel # 9	AST	US Army	0	Unknown	Unknown	Pre-1957	Not present	Unknown	☐
Uses: Stripping Tank									
Comments: Pre-1957 based on Reference 714, Equipment List for New Facility. Tank is listed as being 3' deep.									
Vessel # 10	AST	US Army	0	Unknown	Water	Pre-1957	Not present	Unknown	☐
Uses: Dip Tank									
Comments: Pre-1957 based on Reference 714, Equipment List for New Facility. Tank is listed as being 3' deep.									
Vessel # 11	AST	US Army	0	Unknown	Water	Pre-1957	Not present	Unknown	☐
Uses: Dip Tank									
Comments: Pre-1957 based on Reference 714, Equipment List for New Facility. Tank is listed as being 3' deep.									
Vessel # 12	AST	US Army	0	Unknown	Acid	Pre-1957	Not present	Unknown	☐
Uses: Dip Tank									
Comments: Pre-1957 based on Reference 714, Equipment List for New Facility. Tank is listed as being 3' deep.									
Vessel # 13	AST	US Army	0	Unknown	Acid	Pre-1957	Not present	Unknown	☐
Uses: Dip Tank									
Comments: Pre-1957 based on Reference 714, Equipment List for New Facility. Tank is listed as being 3' deep.									

PA Summary

DoD Site #
161
Area: I

Vessel Inventory

	Type	Original Owner	Size (Gal.)	Construction	Commodity Stored	Date Installed	Date Removed	Post-Army	Installed Post-Army
Vessel # 14	AST	US Army	0	Unknown	Unknown	Pre-1957	Not present	Unknown	☐

Uses: Neutralizer Tank

Comments: Pre-1957 based on Reference 714, Equipment List for New Facility. Tank is listed as being 3' deep.

Furthest Stage of Environmental Investigation

RI

COMMENTS

Service pit below paint booth had a drain going directly to the storm drain. The site is being used beneficially. During a site visit by Brown and Caldwell in 2003, the area is being used for storage of heavy equipment. The concrete was heavily stained with oils, especially in the area of several catch basins. The service pit was partially filled with water. In June 2004, a tank fill pipe was located and waste oil found in the tank. The tank limits were not determined due to interference of a concrete surface during the geophysical survey. Downgradient groundwater samples reported fuels and lead below their respective BSLs and ESLs. TCE and its degradation products were detected in groundwater. In January 2006, a 3,400-gallon single-walled steel tank was uncovered. The UST appeared to be is good condition with a few minor holes. Rainwater and residual fuels/waste oil-like substance was removed from the tank. Soil was visibly impacted on the west side of the excavation. Four soil borings were advanced around the impacted soil and delineated the impact.

RECOMMENDATIONS

A risk evaluation is recommended for the non-petroleum related fuels in soil. The remedial alternative for the residual fuels in groundwater will be evaluated in the Feasibility Study.

PA Summary

DoD Site #
168
Area: I

☑ NDAI ☐ FAR ☐ IRR ☐ Potential OE

SITE DESCRIPTION

Parcel # (APN)	Owner Name	Site Address
0080-140-450	BENICIA INDUSTRIES	981 BAYSHORE ROAD

Year Bldg. Built	1945	Year Bldg. Removed	Not applicable	Site Area (SqFt)	8500

Current Land Use Industrial-Waterfront

OPERATIONAL HISTORY

DoD Use Type
Industrial/Manufacturing Shops

DoD Uses
Bar Stock Building/Storage/Vehicle Shop for original Motor Pool

Secondary DoD Uses
Fuel type

Post-Army Uses
1973: Benicia Lumber Mill for storage and distribution of building materials (ref 418). 1974: Chrysler Motor Company for automobile storage. Current use unidentifiable. 1977: leased to Chrysler Corporation for distribution of Dodge Colt automobiles (ref 702). Mazda rented 8500 square feet for auto processing stated in a 1980 appraisal document (ref 576). Current use is storage and a sign maker.

Flooring
Concrete

Disposal Information
Unknown

Activities (inside/outside)
Unknown

Records Research Report Addenda Data
None Listed

Records Research Report Comments
Historical records identify this building and Building 167 as vehicle shops. Storage and packaging facility adjacent to the original motor pool. Records did not indicate whether maintenance work was performed.

ENVIRONMENTAL SUMMARY

Furthest Stage of Environmental Investigation
SI

COMMENTS

Unknown if maintenance work occurred in this building. During the 2004 Expanded Site Inspection investigation, two borings were advanced. Diesel fuel was detected in groundwater downgradient of the building at a concentration of 100 ug/L, below the ESL of 640 ug/L. Diesel fuel was also reported at at another location near Building 168 (SWAMPBHP002) at a concentration of 270 ug/L. No other solvents or fuels were detected. Five additional borings were advanced during the 2006 Addendum investigation. No significant impact was reported in the additional groundwater samples collected.

RECOMMENDATIONS

No further DoD action is indicated (NDAI) for this site.

PA Summary

DoD Site #
194
Area: W

☐ NDAI ☑ FAR ☐ IRR ☐ Potential OE

SITE DESCRIPTION

Parcel # (APN)	Owner Name	Site Address
0080-110-260	BENICIA INDUSTRIES INC	

Year Bldg. Built Circa 1950s **Year Bldg. Removed** By Oct 1954 **Site Area (SqFt)** 1897

Current Land Use Industrial-General

OPERATIONAL HISTORY

DoD Use Type
Sewer and Drainage Systems

DoD Uses
Septic Tank

Secondary DoD Uses
Unknown

Post-Army Uses
None Identified

Flooring
Unknown

Disposal Information
None Identified

Activities (inside/outside)
Inside

Records Research Report Addenda Data
Per Drawing 5765, dated 28 Oct 1954, septic tank Building 194 had been abandoned (ref 606). Building appears on a 1954 map (ref 646).

Records Research Report Comments
4,000-gallon capacity

ENVIRONMENTAL SUMMARY

Vessel Inventory

	Type	Original Owner	Size (Gal.)	Construction	Commodity Stored	Date Installed	Date Removed	Post-Army	Installed Post-Army
Vessel # 1	Septic Tank	US Army	4000	Unknown	Sewage	1950s	Pre 1954	No	☐
Uses: Septic Tank									
Comments:									

Furthest Stage of Environmental Investigation
NONE

COMMENTS

Located near the NIKE Missile Repair and Support Facilities. The tank was abandoned. Research of this septic tank indicates that it was abandoned by October 1954 (prior to the decommissioning and closure of the former Arsenal in 1964). Therefore the septic tank was not beneficially used and is considered an eligible property for investigation under the FUDS Program pursuant to Chapter 3, Section 7.2.3.5 of USACE Engineering Circular EC-200-3-7, DERP-FUDS Program Manual, dated 30

DoD Site #
194
Area: W

September 1999. The current landowner was in the process of selling the property at the time of the Expanded Site Inspection (2004) and were reluctant to agree to a Right-of-Entry at the time. USACE made another attempt with the new landowner in 2005. The landowner was unwilling to grant USACE access.

RECOMMENDATIONS

Additional investigation is recommended at this site to determine potential groundwater impacts from the possible discharge into the septic tank from the former NIKE missile repair and support facilities (CL1).

PA Summary

DoD Site #
CL2
Area: W

☐ NDAI ☑ FAR ☐ IRR ☐ Potential OE

SITE DESCRIPTION

Parcel # (APN)	Owner Name	Site Address
0080-090-300	DRESSER-RAND COMPANY	

Year Bldg. Built	1942	Year Bldg. Removed	1962-1998	Site Area (SqFt)	494

Current Land Use Industrial-General

OPERATIONAL HISTORY

DoD Use Type
NIKE Missile Repair and Support Facilities

DoD Uses
Boiler House

Secondary DoD Uses
None Listed

Post-Army Uses
None Identified

Flooring
Concrete Foundation

Disposal Information
None Identified

Activities (inside/outside)
Inside

Records Research Report Addenda Data
On 16 November 1955, a request for the demolition of the 3,180-gallon UST was approved by the installation Commander. The disposal was recommended due to the excessive maintenance cost of the UST (ref 74), which was later replaced with a 5,000-gallon capacity above-ground storage tank (AST) placed adjacent to Building CL2 (ref 605) and (ref 167). According to a 1962 Building Zone List, CL2 was scheduled with an approximate date to vacate of December 1962.

Records Research Report Comments
Constructed to provide heat to Building CL1. Located 100 feet west of the western corner of Building CL1, Building CL2 was constructed on a concrete foundation with 8-inch concrete walls and a concrete slab roof; the building covered an area of 494 ft2 and contained one oil boiler (ref 196). To supply fuel oil to the boiler, a 3,180-gallon underground storage tank (UST) was installed near Building CL2 at the time of the building's construction (ref 74) in 1942. The records search indicates that the building is no longer present. The records did not indicate when the building was demolished.

ENVIRONMENTAL SUMMARY

Vessel Inventory

	Type	Original Owner	Size (Gal.)	Construction	Commodity Stored	Date Installed	Date Removed	Post-Army	Installed Post-Army
Vessel # 1	UST	US Army	3180	Unknown	Fuel Oil	1940s	1955	None	☐
Uses: Fuel Storage									
Comments:									

PA Summary

DoD Site #
CL2
Area: W

Vessel Inventory

	Type	Original Owner	Size (Gal.)	Construction	Commodity Stored	Date Installed	Date Removed	Post-Army	Installed Post-Army
Vessel # 2	AST	US Army	5000	Unknown	Fuel Oil	1955	Unknown	Unknown	☐

Uses: Fuel Storage
Comments:

Furthest Stage of Environmental Investigation
NONE

COMMENTS
Status of the UST is unknown. Right-of-Entry was not granted to USACE to determine the status of the UST.

RECOMMENDATIONS
A geophysical survey is recommended to determine the status of the UST. The property owner denied access. Until USACE is granted access to the property, no further USACE actions can be conducted at this site.

PA Summary

DoD Site #
Popping pot (formerly the Incinerator)
Area: M

☐ NDAI ☑ FAR ☐ IRR ☐ Potential OE

SITE DESCRIPTION

Parcel # (APN)	Owner Name	Site Address
0080-120-010	VALERO REFINING COMPANY CALIF	
CAL TRANS Right-of-Way	STATE OF CALIFORNIA	

Year Bldg. Built Unknown **Year Bldg. Removed** Not applicable **Site Area (SqFt)** 121996

Current Land Use Industrial-General

OPERATIONAL HISTORY

DoD Use Type
Disposal Areas

DoD Uses
Incineration

Secondary DoD Uses
Unknown

Post-Army Uses
None Identified

Flooring
Soil

Disposal Information
None Identified

Activities (inside/outside)
Unknown

Records Research Report Addenda Data
A Utility map for the Interstate 680 Benicia-Martinez bridge on-ramp construction, dated October 1958, shows an incinerator adjacent to Quarry 2 (ref 720).

Records Research Report Comments
No other information about an incinerator in this area was found during the records research.

ENVIRONMENTAL SUMMARY

Furthest Stage of Environmental Investigation
SI

COMMENTS

This has also been called the Armored Fighting Vehicle (AFV) by the USACE. Currently, the area is part of the Benicia-Martinez Bridge Expansion project. The AFV is a World War II era General Grant type tank that was gutted then modified for use as a "popping pot" to destroy unserviceable ordnance. The tank turret was removed and the tank hull was modified to be used as a furnace. A conveyor belt was constructed to feed ordnance to the furnace and a small fuel line supplied diesel fuel to keep the furnace burning. The diesel fuel was likely supplied by a nearby above ground tank a short distance up hill from the AFV. Popping pot operations were periodically stopped and the burned debris dumped into a burial pit near the tank body. In November 2002, the AFV is buried with approximately 8 feet of fill material because of the construction activities in the area. This site was investigated as part of an Arsenal-wide OE investigation and removal effort conducted by USACE in 2001 (ref 1138). See Section 2 of the PA text. During the 2004 Expanded Site Inspection investigation, groundwater was collected approximately 300 feet downgradient of the AFV. Diesel fuel and motor oil was present in shallow and deep groundwater

DoD Site #

Popping pot (formerly the Incinerator)

Area: M

samples. In the deep groundwater sample diesel fuel and motor oil concentrations (90 and 160 ug/L respectively) were detected. These concentrations are below the ESLs of 640 ug/L. The shallow groundwater sample collected contained 910 ug/L diesel fuel and 3000 ug/L motor oil, both above the ESLs.

RECOMMENDATIONS

Diesel fuel and motor oil in groundwater downgradient of the AFV are attributed to the Post Dumpsite. Access restrictions prevent further investigation of DoD impact to soil.

PA Summary

DoD Site #
Post Dumpsite (formerly Landfill 3)
Area: M

☑ NDAI ☐ FAR ☐ IRR ☐ Potential OE

SITE DESCRIPTION

Parcel # (APN)	Owner Name	Site Address
0080-130-040	BENICIA CITY	1158 BAYSHORE ROAD
0080-130-060	BENICIA CITY	
0080-130-090		
0080-130-100		

Year Bldg. Built 1940 **Year Bldg. Removed** Not applicable **Site Area (SqFt)** 1247923

Current Land Use Industrial-Waterfront

OPERATIONAL HISTORY

DoD Use Type
Disposal Areas

DoD Uses
Dumpsite

Secondary DoD Uses
Currently used a storage area for cars.

Post-Army Uses
Humble Oil was given permission in 1968 to use the north end of Area M for the deposit of dredging and construction spoils. Currently used by Toyota Motor Sales Co. for open storage of imported vehicles (ref 544).

Flooring
Asphalt (currently)

Disposal Information
This landfill was in operation from 1940 to 1964 and may have received a variety of wastes to be burned and/or buried.

Activities (inside/outside)
Outside

Records Research Report Addenda Data
An interview with a former Arsenal employee indicates that this area also received drums of industrial waste including acids, metal-cleaning corrosives, DDT, high-octane gasoline, and every type of waste generated at the Arsenal (ref 1000). According to the 1961 Facility Data Sheet, "metal cleaning coorosives from tanks" were "disposed of in filled land area." (ref 196).

Records Research Report Comments
The landfill was reportedly in operation from 1940 through 1964, located near Suisun Bay. A graded outline in aerial photographs consists of 20 acres. It is suspected that the disposal and burning of scrap lumber associated with the Carpenter Shop facilities in Area I, and pilings and other waste material from repairs made to the Arsenal Wharf (ref 155) were placed at landfill. Thousands of gallons of gasoline were reportedly burned in the landfill pits (Bailey, The landfill was reportedly in operation from 1940 through 1964, located near Suisun Bay. A graded outline in aerial photographs consists of 20 acres. It is suspected that the disposal and burning of scrap lumber associated with the Carpenter Shop facilities in Area I, and pilings and other waste material from repairs made to the Arsenal Wharf (ref 155) were placed at landfill. Thousands of gallons of gasoline were reportedly burned in the landfill pits (Bailey, 1997). Based on aerial photographs, a large area at the north end of the site, that extends north to the drainage canal, and identified as the Area 10 Dump Site in the 1997 USACE Archives Search Report (ref 544), does not appear to have been used for landfill purposes. According to the aerial photographs, only a graded area. Circular pits are shown on a 1952 aerial photograph and may represent burn pits. The graded area extends to what was identified as Area 10 but does not include it. The area (including much of the area identified as Area 10) was then referred to as Spoils Area 3 (ref 439). Area is now largely paved, with several buildings constructed over the former 1997). Based on aerial photographs, a large area at the north end of the site, that extends north to the drainage canal, and identified as the Area 10

PA Summary

DoD Site #

Post Dumpsite (formerly Landfill 3)

Area: M

Dump Site in the 1997 USACE Archives Search Report (ref 544), does not appear to have been used for landfill purposes. According to the aerial photographs, only a graded area. Circular pits are shown on a 1952 aerial photograph and may represent burn pits. The graded area extends to what was identified as Area 10 but does not include it. The area (including much of the area identified as Area 10) was then referred to as Spoils Area 3 (ref 439). Area is now largely paved, with several buildings constructed over the former fill area.

ENVIRONMENTAL SUMMARY

Furthest Stage of Environmental Investigation

SI

COMMENTS

Additional research was conducted by Brown and Caldwell to determine if the current landowner had any knowledge of encountering any refuse materials in the area of a suspected landfill, also known as Area 7 and Open Storage (OS) Area 27. Brown and Caldwell interviewed the current landowner, Benicia Industries (BII) and a former employee, Mr. Don Heinitz. Mr. Heinitz has over 20 years as an engineer with BII. He also worked in the Benicia area for PG&E prior to working for BII. He was the engineer for road construction and was also involved with installing utility poles as well as digging ditches. Mr. Heintz never encountered any refuse during any excavation for repair of utilities on installing utility poles in this area. He did encounter timbers at approximately 3 to 4 feet below grade that are placed on top of the former clayey marsh with fill placed on top of the timbers. According the USACE, this was common practice. Both Mr. Heinitz and the current landowner state that water beneath this area rises and falls with the tide. Based on the lack of credible evidence of any landfilling operations, this area was not used as a landfill. There are circular pits shown on aerial photos that may have been the location of reported burn pits. A geophysical investigation conducted in March 2005 determined wastes are not buried at the Post Dumpsite. There is no known Army source of the petroleum hydrocarbons or the parent chemical for cis-1,2-DCE (TCE or PCE). Additionally, the lack of the parent solvent in groundwater indicates that there is no source.

Further analysis was performed to try to accurately depict the information available for this area. The information recorded in historical documents and interviews about this area is listed below in chronological order:

☐ 1928 aerial photograph (RRR, Appendix A-2): The area is undisturbed marshlands.

☐ 1945 aerial photograph (RRR, Appendix A-2): The area is partially filled in (closest to the railroad trestle crossing the Carquinez Strait). Dumping is not apparent.

☐ September 7, 1945 Arsenal Map (RRR, ref 650): There are no structures or activity noted on this map in this area.

☐ 1947 aerial photograph (RRR, Appendix A-2): Entire area is disturbed and filled. No other activity present. The activity seen on the 1945 aerial photo is not present.

☐ 1950s (exact date unknown): Benicia Bomber article about money-saving operations by the Arsenal Carpenter Shop states "small unusable lumber scraps are hauled to the sanitary fill on the bay shore road for open burning." (RRR, ref 155,pg 5).

☐ 1952, 1957, 1959, and 1962 aerial photographs (RRR, Appendix A-2): The first occurrence of OS27 (paved area with unknown materials neatly stored). Two black circular areas are present at the north end of the site. These maybe the burn pits mentioned in the Mr. Leroy Bailey interview (see below) and referenced as the areas of open burning in the Benicia Bomber article. Dumping is not apparent. The area surrounding Open Storage Area 27 is filled in for access. The filled area reaches near the Carquinez Strait in some places.

☐ September 7, 1954: General Map. "Post Dump" marked on map as "27-A" south of "27" and adjacent to temporary building "T-227" (RRR, ref 646). The numbers refer to "Open Surfaced Areas". Some of them are also known as Open Storage (OS) Areas. For example, OS-27.

☐ May 10, 1961: Facility Data states "Metal cleaning corrosives removed from tanks and disposed of in filled land area" (RRR, ref 196, pg 9).

☐ 1973 aerial photograph (RRR, Appendix A-2): Army gone, area defined by dirt roads, circular areas not present.

☐ 1978 aerial photograph (RRR, Appendix A-2): Area completely paved.

☐ 1997 Mr. James Milburn Interview: Mr. Milburn, a former Arsenal employee from 1941 to 1963 stated: "After the clocktower dumpsite was closed (Fillsite 2), a larger dumpsite was opened near the bay. It was used from the late 1940s until 1962." (Archive Search Report Supplemental, USACE, 1997).

☐ 1997 Mr. Leroy Bailey Interview (not found, text below from RRR, pg 2M-17): Mr. Bailey, former Arsenal employee, indicated that this area received industrial waste including acids, metal-cleaning corrosives, DDT, high-octane gasoline, and every type of waste generated at the Arsenal. He also indicates that thousands of gallons of gasoline was burned in pits.

☐ 2003 Mr. Don Heinitz Interview: Mr. Heinitz, former chief engineer for Benicia Industries, Inc. for 20 years, never encountered any refuse during any excavation to repair or install utilities in this area. Wood timbers were found.

PA Summary

DoD Site #

Post Dumpsite (formerly Landfill 3)

Area: M

In summary, the area was a dumpsite of metal cleaning corrosives that also contained residual quantities of heavy metals from approximately 1954 to 1961. At the north end of the area, burning of wood was also performed in two circular pits during the same time frame. During the 2004 Expanded Site Inspection investigation, several groundwater samples were collected. Metal results do not indicate a significant DoD impact. However, another consultant identified TCE and diesel fuel in groundwater in the southern portion of the Post Dumpsite.

RECOMMENDATIONS

No further DoD action is recommended

APPENDIX B

NORCAL 21 July 2005 Geophysical Report

NORCAL GEOPHYSICAL CONSULTANTS, INC.

July 21, 2005

Wendy Linck
Brown & Caldwell, Inc.
2701 Prospect Park Drive
Rancho Cordova, California, 95670

Subject: Geophysical Investigation
Benicia Post Dump Area
NORCAL Project No. 05-141.45

Dear Ms. Linck:

This report presents the findings of a geophysical investigation performed by NORCAL Geophysical Consultants, Inc. on a portion of the former Benicia Arsenal known as the Post Dump. NORCAL geophysicists David Bissiri and Don Kirker conducted the field investigation over a period of six days from June 6th through June 15th , 2005. They were assisted by field technicians Travis Black and Chris Blom. Assistance with site logistics was provided by Ms. Wendy Linck and Rachael Goldberg of Brown & Caldwell, Inc.

I SITE DESCRIPTION

The former Benicia Arsenal Post Dump is located along the northern shore of Suisun Bay and consists of a broad, multi-acre area located immediately northeast of the Benicia-Martinez Bridge. The current use of this portion of the arsenal is that of a storage depot / marshaling yard for new cars that are off-loaded from large ocean-going ships. The survey area, as designated by Brown & Caldwell, consisted of an approximately 1200 feet long by 300 foot wide portion of an asphalt-covered parking lot located adjacent to the office and detail shop (see Plate 1). In addition to the detail shop building, the other notable above-ground cultural features in or near the survey area include: A chain-link fence that encloses most of the site; a wooden guard shack located along the western portion of the fence; a storm drain lift station and large electrical breaker panel located along the eastern portion of the fence; several metal light standards; and various on-grade utility pull-boxes. The known subsurface features within the survey area include a Kinder-Morgan petroleum transfer line adjacent to, and roughly parallel with, the eastern fence and the various underground utility lines extending between the pull-boxes.

According to information provided to NORCAL by Brown and Caldwell, Inc. this portion of the arsenal originally consisted of wetlands that has since been buried under fill. The native material is believed to consists primarily of clay (bay mud and marsh deposits), while the fill is believed to consist primarily of imported sands and silts. In addition, it is suspected that a large amount of miscellaneous debris may have been incorporated into the fill since the current tenant encountered subsurface wood and brick debris during recent excavation work.

II PURPOSE

The purpose of this geophysical investigation was two-fold: first, to delineate zones of buried debris and possible underground utility alignments within the fill; and second, determine the approximate thickness of the fill overlying the native material.

III METHODOLOGY

We performed the geophysical investigation using vertical magnetic gradient (VMG), terrain conductivity (TC), metal detection (MD), and electrical resistivity (ER) methods. The VMG was used to detect magnetic man-made objects buried in the shallow subsurface. The TC was used to characterize the lateral changes in soil conductivity that may represent lithological contacts, areas of disturbed soil, and zones of metallic debris (both magnetic and non-magnetic). The MD was used to further characterize suspected buried metallic objects initially detected by the VMG and TC methods. The ER method was used to characterize both the lateral and vertical changes in soil conductivity at three selected profile locations. These ER variations may represent lithological contacts between the overburden/fill and native material, areas of disturbed soil, and zones of subsurface debris. It should be noted that both the TC and ER methods involve measuring electrical currents placed in the ground, but differ in how this is accomplished. Though they differ in what they measure (conductivity vs. resistivity) their results are somewhat complimentary.

A more detailed discussion of these methods, data analysis, geophysical instrumentation, and limitations is presented in Appendix A.

IV DATA ACQUISITION

VMG/ TC Data

Prior to collecting the VMG and TC data, we established a survey grid to provide horizontal control for data acquisition. The grid consisted of a series of lines spaced approximately 10-feet apart that were oriented parallel to the eastern wall-line of the detail shop. We then collected data along the lines at approximately 4-foot intervals for the VMG data and 10-foot intervals for the TC data. Following the data collection, the data were up-loaded to a field computer and processed to produce preliminary VMG and TC contour maps. These preliminary maps were then evaluated for VMG and TC variations that might be caused by buried metal objects, differences in soil composition, or above-ground features. Variations that could not be attributed to the effects of above-ground objects were considered anomalous. Areas of anomalous variations identified on the contour maps were then investigated further with the MD. Further processing and analysis of the VMG and TC data was performed at our Cotati office.

Electrical Resistivity Data

Based on the preliminary results of the VMG and TC investigations, ER data were then acquired along three east-west profiles. The three profiles were located along grid lines 540 North, 710 North, and 870 North, as shown on Plate 1. As requested by Brown & Caldwell, the profiles extended eastward from the western fence to within approximately 5 feet of the Kinder-Morgan pipeline. This resulted in profiles ranging in length from 225 to 275 feet. Along the entire length of each profile we placed an array of evenly spaced electrodes at 5-foot intervals. Following the placement of the electrodes, a computer-controlled source placed electric current into the ground using various combinations of electrode pairs. The resulting potential (voltage) differences that arose between all possible pairings of non-current electrodes was then measured and recorded. The ER data were later up-loaded to a computer and processed in our Cotati office to produce resistivity profiles showing various lithological interfaces and respective layer resistivities.

MD

The MD method was used to investigate assemblages of VMG and TC anomalies suggestive of buried utility lines and large isolated objects such as reinforced concrete pads. However, because of the multitude of anomalies and the limited time available, only those anomalies with the largest magnitude and extent could be investigated. The VMG and TC anomalies were typically investigated by conducting at least two perpendicular traverses centered over the anomaly. These initial traverses usually ranged in length from 20- to 30-feet. If subsurface objects with distinct boundaries or alignments were detected, then additional MD traverses were conducted as needed in order to more fully determine the object's shape and extent. In addition to investigating VMG and TC anomalies, the MD was also used to delineate utility lines extending between pull boxes.

V RESULTS and CONCLUSIONS

The results of the geophysical investigation are presented on Plates 1 through 6 . Plate 1 is a site map depicting the limits of the survey area and the locations of the ER profiles, pertinent above-ground features, and locations of interpreted subsurface features. Plate 2 is a VMG contour map depicting the VMG data in the form of contour lines and the locations of both above-ground features and interpreted subsurface VMG features. Plate 3 is a TC contour map depicting the TC data and the locations of pertinent above-ground features and interpreted subsurface TC features. Plates 4, 5, and 6 are the ER profiles. These profiles depict vertical "slices" of the subsurface and display variations in electrical resistivity in both the horizontal and vertical directions. The results for each geophysical method are discussed below.

VMG data

The VMG data presented on Plate 2 displays several areas of contour closures indicating the presence of ferrous material. While some of the VMG contour closures can be attributed to the magnetic effects of the Kinder-Morgan pipeline and the various pull-boxes and underground utility lines, most of the contours appear to be attributable to other subsurface sources. Most of these sources are concentrated within three areas or zones located in the eastern portion of the survey area. These three zones are depicted on Plates 1 and 2 as the shaded blue figures labeled A, B and C.

Based on the irregular shape and distribution of the VMG contour closures within the zones, we interpret these zones as being accumulations of buried ferrous debris. Notably, the VMG anomalies with the greatest magnitudes are concentrated along a generally north-south trend, most clearly shown along the eastern portion of Zone B. These concentrations may represent a former shoreline where possible "ridge-dumping" occurred prior to the placement of the current fill, or they may represent backfilled trenches of debris. Furthermore, while Zones B and C appear to be separate features, they may actually be part of a single debris zone that was disrupted by the installation of one or both of the storm drains that are located between the two zones.

The remaining anomalous VMG contour closures located outside of the three noted debris zones are interpreted to represent small concentrations of localized minor subsurface debris. While not interpreted to be due to relatively large objects such as underground storage tanks (USTs), they may represent smaller objects such as single drums.

TC data

The TC data presented on Plate 3 displays several areas of closely spaced and convoluted contour closures indicating significant lateral variations of electrical conductivity. As with the VMG results, some of the variations can be attributed to the effects of the Kinder-Morgan pipeline, or in this case, also to the effects of the chain-link fence along the eastern survey boundary. However, most of the variations appear to be attributable to additional subsurface sources. One of the most distinctive sources is the pair of storm drain lines extending eastward across the southern portion of the survey area. Additional significant variations are evident in the TC data and appear to be concentrated primarily within four areas or zones located along the eastern survey boundary . These zone are depicted on Plates 1 and 3 as the shaded purple figures labeled I through IV. TC Zones II, III, and IV are roughly coincident with VMG Zones A, B, and C, respectively. Furthermore, the conductivity values of these zones is somewhat higher than the areas outside of the zones. These two facts suggest that these corresponding VMG and TC zones may be caused by the same sources, namely buried metallic debris. As was the case with the VMG results, the adjoining TC Zones III and IV are separated by the two storm drain lines extending eastward across the southern portion of the site.

These two zones may also have previously been a single zone that was disrupted by the installation of the storm drain lines.

Further comparison of the TC and VMG data reveals some differences as well. For instance, TC Zone I has no clear corresponding equivalent in the VMG data. This suggests that a weakly magnetic source may be the cause, such as an accumulation of cast-iron material or perhaps sections of chain-link fencing fabric, both of which typically are weakly magnetic. Another possibility is that TC Zone I is an area where the fill material is relatively thin and the more conductive marsh deposits are closer to the ground surface.

ER data

The results of the ER data processing are presented on Plate 4, 5, and 6. Plate 4 displays the results for Line 870 North, Plate 5 displays the results for Line 710 North, and Plate 6 displays the results for Line 540 North. Comparison of all three profiles shows that the results are somewhat similar. Namely, the survey area appears to be comprised of a relatively resistive overburden overlying more conductive material. The more resistive material, i.e. that with a resistivity greater than approximately 4 ohm-meters, is interpreted to consist of silts and sands and probably represents fill material. The fill thickness appears to increase in thickness in a fairly uniform manner from approximately 5-feet in the east to approximately 10-feet in the west. Within the fill, there are lateral conductivity variations as well, especially in the eastern portions of the profiles that correspond to the anomalous TC zones. It is probable that the source of these lateral ER variations may, in part, be due the effects of the suspected buried debris cited in the TC results. Below the fill, there exists a layer of relatively conductive material whose resistivity is less than 4 ohm-meters. We interpret this material to represent native material. This material most likely is comprised of clay and / or marsh deposits with a high moisture content.

MD

The results of the MD follow-up investigations were limited to delineation of the two storm drain lines (depicted as the dashed green lines extending eastward across the survey area), the Kinder-Morgan petroleum line (depicted as the dashed gold line), and two electric lines (depicted as the dashed red lines). Attempts to delineate localized subsurface objects within the VMG or TC anomalous zones were not productive. Either the MD instrument did not detect any buried metallic objects at a particular survey location, or the MD instrument was overwhelmed with signal and no distinctive boundary of an individual object could be determined. Such MD results are not unusual when anomaly zones are comprised of scattered subsurface metallic debris.

VII STANDARD CARE AND WARRANTY

The scope of NORCAL's services for this project consisted of using geophysical methods to characterize the shallow subsurface. The accuracy of our findings is subject to specific site conditions and limitations inherent to the techniques used. We performed our services in a manner consistent with the level of skill ordinarily exercised by members of the profession currently employing similar methods. No warranty, with respect to the performance of services or products delivered under this agreement, expressed or implied, is made by NORCAL.

We appreciate having the opportunity to provide you with this information.

Respectfully,

NORCAL Geophysical Consultants, Inc.

David Bissiri
Geophysicist, GP-1009

DJB/KGB/tt

Enclosures: Plates 1 through 6

Appendix A - Geophysical Methodology, Instrumentation, Data Analysis, and Limitations

Appendix A

GEOPHYSICAL METHODOLOGY, INSTRUMENTATION, DATA ANALYSIS, AND LIMITATIONS

Vertical Magnetic Gradient (VMG)

VMG Methodology

VMG is a method commonly used to detect ferrous objects. This is possible because the magnetic field at any given point on the earth's surface is the vector sum of the earth's field combined with the magnetic fields of nearby metal objects. Thus, by measuring the lateral variations of the magnetic field, the locations of ferrous objects can be determined. One way to accomplish this is to measure the total intensity of the magnetic field. These are referred to as total field measurements (TF) and are recorded in units of nanoTesla (nT). In environmental and engineering investigations it is often useful to measure not just the total field intensity, but the vertical rate of change of the total field magnetic intensity as well. These are referred to as vertical magnetic gradient (VMG) measurements, and are recorded in units of nanoTesla/meter (nT/m).

While both TF and VMG measurements are related to the same phenomena (i.e. the magnetic field), each has certain advantages over the other. However, the VMG method is often chosen for environmental/engineering investigations because of the following:

1) VMG measurements are generally less affected by nearby *above* ground objects, especially objects to the side of the instrument. This reduces magnetic interference caused by such objects.

2) VMG measurements are not affected by temporal (diurnal) variations in the earth's magnetic field, unlike TF measurements. This eliminates one more variable from the data.

3) VMG effects attenuate more rapidly with increasing distance from magnetic sources, thus allowing more precise determination of a buried object's location.

It should be noted, however, that because the VMG method is very sensitive, small near surface objects can be a source of noise in VMG data.

Instrumentation

A vertical magnetic gradiometer is the device that is used to obtain the VMG data. The instrument typically used by NORCAL is a Geometrics 858 magnetometer. This instrument operates on the "optically pumping" principle and consists of a console and two total field magnetic sensors that are mounted on a vertical staff. One sensor is mounted at about shoulder-height and the other sensor is mounted at about knee-height. The magnetometer console features a built-in computer that stores the raw TF data, calculates the VMG values, and records survey grid information. The instrument obtains the VMG values by simultaneously measuring the total magnetic field intensity at the two sensors, taking their difference in magnetic intensity, and then dividing by their separation distance. The survey information is recorded and later uploaded to a field computer for further processing.

Computer Processing

VMG data are typically processed in the field on a portable computer. The uploaded data are converted into a format suitable for contouring using the program SURFER from Golden Software. This program calculates an evenly spaced array of values (data grid) based on the measured field data. These gridded values are then contoured to produce VMG contour maps for interpretation.

Contour Map Interpretation

Generally speaking, in a region with fairly uniform magnetic conditions the VMG values will vary smoothly from one area to another. Under these conditions, contour lines are usually spaced far apart. In contrast, in those areas where VMG variations are stronger, the contours are closely spaced. In some cases the variations are so strong that the contours become highly contorted and convoluted. These contorted contours may form roughly concentric circles, tightly wound loops and whorls, or elongated parallel lines. Actual magnitude and shape of the contour lines is dependent on the relative position and size of the magnetic object with respect to the location of the magnetic sensors.

Roughly concentric circles that look like bull's-eyes are generally referred to as monopoles. Monopoles that are roughly limited in extent to the data point spacing of the sampling grid are often caused by relatively small, near surface objects with limited cross-section. These typically consist of well caps, pull boxes, balls of wire, etc. On the other hand, larger monopoles that extend across an area of several data points are typically associated with larger, deeper objects such as well casings, reinforced concrete footers, ends of pipelines, etc. In other cases, two monopoles, one positive and one negative, may be in close proximity and form a paired of high-low closures known as a dipole. Dipoles are often, but not always, attributed to larger objects such as USTs, vaults, buried ordnance, etc. that have a substantial diameter or width.

Irregular patterns of loops and whorls are often indicative of several magnetic objects being present with variable shape, mass, and distribution. These VMG patterns are the most difficult to interpret. Past experience has shown that such patterns are usually associated with debris fields, landfills, and demolition sites.

A series of parallel contours typically indicates that an elongate object such as a building wall, fence, or underground pipeline is the magnetic source.

Regardless of whether the contours form monopoles, dipoles, or irregular whorls, if there are no obvious nearby above ground sources that could cause such magnetic variations, then subsurface objects are suspected. Contours are typically considered anomalous when large differences in data readings (on the order of several hundred to several thousands of nT/m) from one data station to the next are displayed. The anomalous variations are called VMG anomalies.

Limitations

Buried ferrous metal objects produce localized variations in the earth's magnetic field. The magnetic intensity associated with these objects depends on the mass of the metal and the distance the metal object is from the magnetometer sensor. As a general rule, anomaly magnitude typically decreases and anomaly width increases as distance (depth) to the source increases, thereby making detection more difficult. In addition, the ability to detect a buried metal object is based on the intensity of these variations in contrast to the intensity of background variations. The intensity of background variations is based on the amount of above and below ground metal that is present within the survey area. Cultural features such as chain-link fences, buildings, debris, railroad spurs, utilities, above ground electric lines, etc. typically produce magnetic variations with high intensities. These variations may mask the magnetic effects from buried metal objects and thus make it very difficult to determine whether the magnetic variations are associated with below ground metal or above/below ground cultural features.

Terrain Conductivity (TC)

Methodology

The TC method provides information on the lateral variation of the electrical conductivity of the subsurface. These changes in conductivity can arise from natural changes in soil composition or from buried foreign objects. Operating on the principle of electromagnetic induction, the method utilizes an instrument having two coils separated by a fixed distance. One of these coils transmits a primary signal that induces a current flow (secondary signal) in the earth. The other coil senses this secondary signal. For measurement purposes the secondary signal is broken down into both quadrature and in-phase components. The quadrature component is used to determine the value of electrical conductivity and is measured in milliSiemens/meter (mS/m). This component is useful for detecting both metallic and non-metallic objects. The in-phase component also changes with conductivity, but varies in a different way than the quadrature component. This component is useful when only the location of metallic objects is of interest. In-phase measurements are expressed in parts-per-thousand (PPT).

When highly resistive material is encountered, as is the case for most earth material, there is a linear relationship between the quadrature component and conductivity. When highly conductive materials like metals are encountered, both quadrature and in-phase components can be quite large and their behavior is often non-linear. While this non-linear effect can make the measurement of both components useful in looking for buried metal, it is typically the quadrature component that is analyzed. This is because the quadrature component is affected by both metallic and non-metallic materials, whereas the in-phase component is affected primarily only by metals.

Instrumentation

The instrument typically used by NORCAL for shallow subsurface investigations is a Geonics, Ltd. EM31-DL terrain conductivity meter. This instrument consists of transmitting and receiving coils mounted at opposites ends of a horizontal boom with a control console in between. The separation distance of the coils is approximately 12 feet. This translates into an effective sampling depth of approximately 20 feet since approximately 75% of the cumulative response of the instrument comes from this portion of the subsurface (for a homogeneous half-space). The device is carried by the operator at hip-level and TC readings are taken by pressing a trigger button. The EM31 is connected to an Omnidata data recorder that automatically stores the TC values as well as station locations and any field notes. The data logger stores the data in a way that it can be up-loaded to a computer for processing.

Computer Processing

TC data are typically processed in the field on a portable computer. The uploaded data are converted into a format suitable for contouring using the program SURFER from Golden Software. This program calculates an evenly spaced array of values (data grid) based on the measured field data. These gridded values are then contoured to produce TC contour maps for interpretation.

Contour Map Interpretation

Generally speaking, in a region with fairly uniform conductivity conditions the TC values will vary smoothly from one area to another. Under these conditions, contour lines are usually spaced far apart. In contrast, in those areas where lateral TC variations are stronger, the contours are more closely spaced. In some cases the variations are so strong that the contours become highly contorted. These contorted contours may form roughly concentric circles suggestive of bull's-eyes, tightly wound loops and whorls similar to finger prints, or elongated parallel lines. Actual magnitude and shape of the contour lines is dependent on the how rapidly the conductivity of the subsurface changes and if there are any metallic objects present that can affect the instrument readings.

Roughly concentric circles are generally referred to as monopoles. Monopoles that are roughly limited in extent to the data point spacing of the sampling grid are often caused by relatively small, near surface metallic objects with limited cross-section. These typically consist of well caps, pull boxes, balls of wire, etc. On the other hand, larger monopoles that extend across an area of several data points are typically associated with larger, deeper objects such USTs, concrete pads, backfilled zones, etc.

Irregular patterns of loops and whorls are often indicative of several conductive objects with variable shape, size, conductivity, and distribution being present. These irregular TC patterns are the most difficult to interpret. Past experience has shown that such patterns are usually associated with debris fields, landfills, and demolition sites.

A series of generally parallel contour lines typically indicates the source is an elongate object such as a building wall, fence, or underground pipeline. If the parallel contours are more or less straight, then this indicates the object was oriented roughly parallel to the direction of the EM31's coil boom during data collection. If the contour lines form a series of parallel, undulating contours (also referred to as a "herring bone" pattern), then this indicates the source was oriented roughly perpendicular to the EM31's boom during data collection.

Regardless of whether the contours form discrete monopoles, irregular patterns, or parallel lines, if there are no obvious nearby above ground sources that could cause such variations, then subsurface objects are suspected. TC contours are typically considered anomalous when differences larger than a few tens of milliSiemens per meter (mS/m) are displayed from one data station to the next.

Limitations

Buried ferrous metal objects often produce large localized variations, or anomalies, in terrain conductivity. As a general rule, anomaly magnitude typically decreases, and anomaly width increases, as distance (depth) to the source increases. This can make detection of small, deeply buried metallic objects difficult. In addition, the ability to detect a buried metal object is based on

the intensity of these variations in contrast to the intensity of background variations. The intensity of background variations is based on the conductivity of the soil and the amount of above and below ground metal present within a survey area. Cultural features such as chain link fences, buildings, debris, railroad spurs, utilities, above ground electric lines, etc. typically produce variations with high intensities. These variations may mask the TC effects of buried metal objects and thus make it very difficult to determine whether the variations are associated with below ground metal or known above/below ground cultural features.

Apart from the physical limitations of the instrument and the unwanted effects from secondary objects, the ability to detect subsurface features is also dependent upon the density of data acquisition points. If the distance between data acquisition points is significantly larger than the size of the target object, then the object may not be detected.

ELECTRICAL RESISTIVITY SURVEYS

Electrical resistivity is the physical property of a material that resists the flow of electrical current. The electrical resistivity of earth materials is directly affected by moisture content and permeability. Typically, electrical resistivity decreases as permeability and moisture content increases. The resistivity of earth materials is also greatly effected by the concentration of dissolved salts or free ions in the saturating fluid. Generally speaking, fine-grained materials such as clays typically have a lower electrical resistivity than coarser grained materials such as sands and gravels. The presence of fluids that have a high concentration of dissolved salts or free ions can significantly decrease the electrical resistivity of both fine and coarse-grained materials.

Electrical properties of rock material can vary greatly depending upon degree of weathering and fracturing, as well as composition. Rock formations that are deeply buried and not exposed to chemical weathering are generally impermeable, contain little water, and have a relatively high electrical resistivity. Conversely, highly weathered and fractured rock that contains moisture typically has lower resistivity.

Based on the above relationships, geophysical methods that measure the electrical resistivity of the subsurface can be used to evaluate corrosion potential and grounding characteristics, and to determine the thickness of landfills, the depth and thickness of clay layers and groundwater aquifers, the depth to groundwater, and in some cases, the depth to bedrock.

Methodology

Determining the variation in electrical resistivity with depth beneath a fixed point is referred to as a vertical electric sounding (VES). This involves transmitting electrical current *(I)* into the ground between two electrodes, and measuring the resulting potential drop (*V*) between two other electrodes. There are a number of different electrode configurations that can be used. The most common are the Wenner and Schlumberger arrays. With both techniques, the four electrodes are arranged in a collinear array. Current is transmitted between the outer two electrodes and the potential drop is measured across the inner two electrodes. Readings can be taken with many different electrode separations, ranging from less than a foot to hundreds of feet. The larger the separation, the deeper the current is forced to flow in order to complete a circuit. The readings for each electrode separation are used to compute a value referred to as apparent resistivity *(ρa)*. The term "apparent" is used because the value represents the resistivity of a volume of earth rather than a discrete layer. This value is computed according to the following equation:

$$\rho a = 2\pi k\ (V/I)$$

where k is a geometric factor for the electrode array that is used.

The ρa values can be plotted versus electrode separation on log-log paper to form a field curve. This curve can then be inverted using either computer or curve-matching techniques to determine the depth, thickness, and true resistivity of horizontal layers beneath the center of the electrode array.

Instrumentation

Apparent resistivity data is typically acquired by NORCAL using a SuperSting R1 Resistivity meter, manufactured by Advanced Geosciences Incorporated (AGI). The Sting is a self-contained computer-controlled unit that transmits current at outputs ranging from 1 to 500 milliAmps (mA). The unit also measures the potential drop and converts the data to values of apparent resistivity for a number of electrode arrays. The data are stored in internal memory and can be uploaded to a desk-top computer for processing.

Limitations

A common feature of all electrical methods is that the models derived from the electric profiling are not unique. That is, depending on the subsurface geo-electric structure, there may be many models that will produce essentially the same apparent resistivities. This is known as the *principal of equivalence*. To overcome this limitation, computer software programs include routines for evaluating the equivalence of a given model relative to the observed resistivity values, resulting in a model that provides the closest fit to the observed data.

Metal Detection (MD)

MD Methodology

This method uses the principle of electromagnetic induction to detect shallowly buried metal objects such as USTs, metal utility conduits, rebar in concrete, manhole covers, and various metallic debris. This is done by carrying a hand-held radio transmitter-receiver unit above the ground and continuously scanning the surface. A primary coil broadcasts a radio signal from a transmitter which induces secondary electrical currents in metal objects. These secondary currents in turn produce a magnetic field which is detected by the receiver.

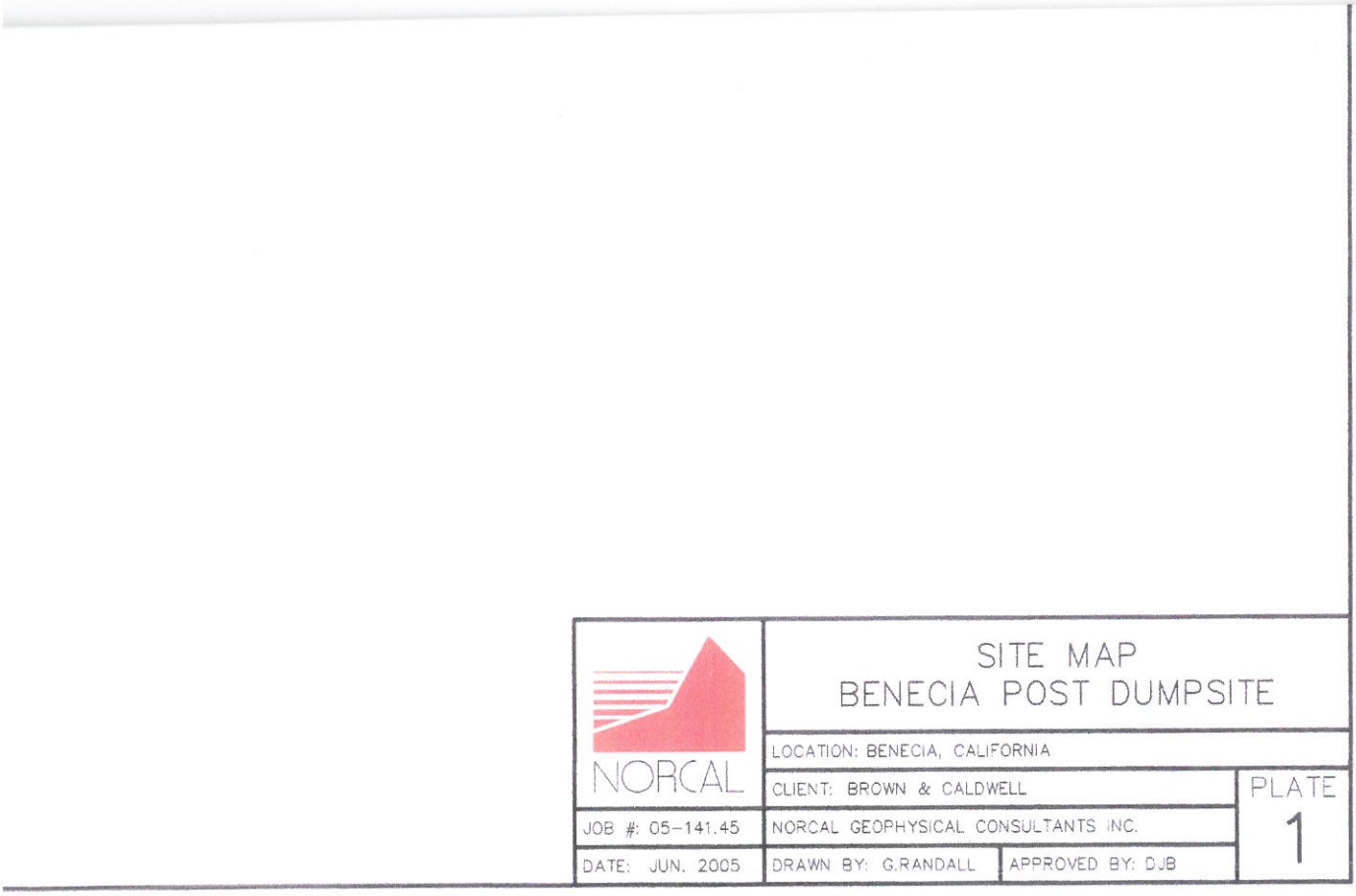
Instrumentation

The MD instrument that we typically use for shallow subsurface investigations is a Fisher TW-6 pipe and cable locator. This instrument is expressly designed to detect metallic pipes, cables, USTs, manhole covers, and other large, shallowly buried metallic objects. The instrument consists of a radio-transmitter box mounted on one end of a 4-foot horizontal staff and a radio-receiver box mounted on the other. When near a metal object the instrument generates both a meter reading (unitless) and an audible response. The peak instrument response usually occurs when the unit is directly over the object. The TW-6 does not provide a recordable data output that can be used for later computer processing. Results are generally limited to marking the interpreted outlines of detected objects in the field and mapping their locations.

Limitations

In general, the response of the MD instrument is roughly proportional to the horizontal surface area of near surface buried objects (typically in the upper three or four feet). This relationship can be used to advantage in discriminating between metal debris, reinforced concrete pads, and pipelines. However, in the presence of above ground metal objects such as fences, walls, parked cars, and metal debris, this is no longer valid. In some instances, the presence of such objects can make it very difficult to determine whether the instrument responses are associated with below ground targets or above ground cultural features. When multiple sources are present it may not be possible to identify individual targets. Also, relatively large objects that have a limited horizontal cross-section such as well casing and fence posts are sometimes difficult to detect.

AVAILABLE FOR VIEWING
IN THE CITY ATTORNEY'S OFFICE.



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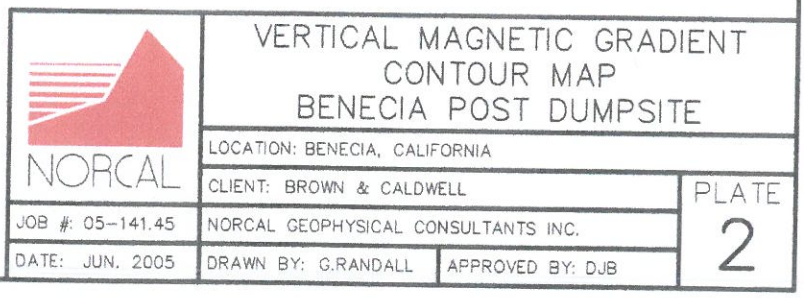

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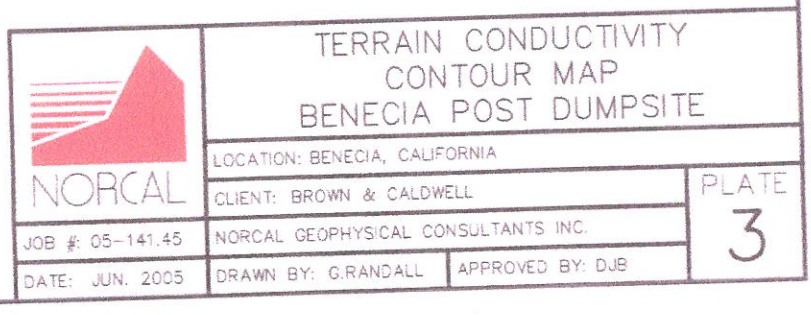
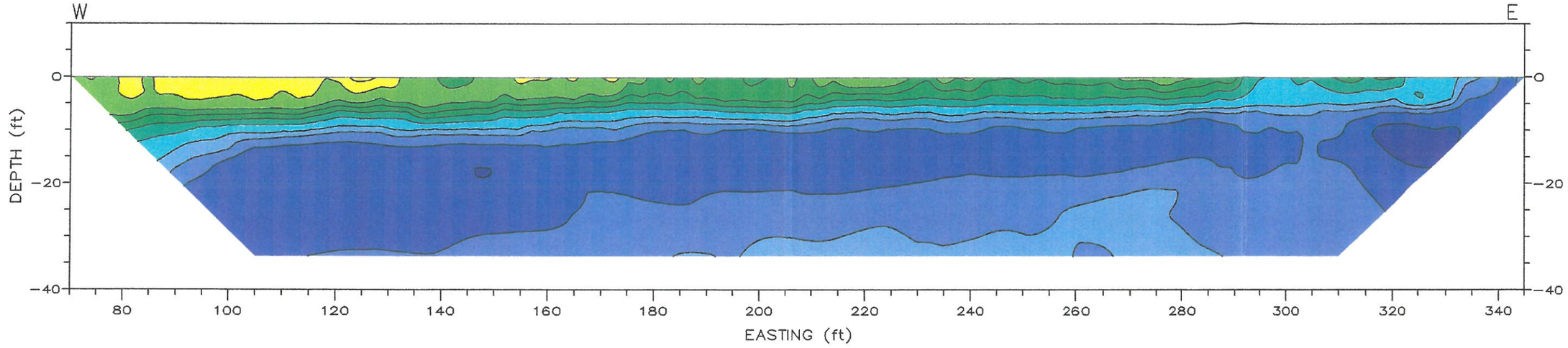




INTERPRETED LITHOLOGY

NATIVE MATERIAL (CLAY) ← | → IMPORTED FILL (SILTS & SANDS)

0 1 1.5 2 2.5 3 4 5 6 7 9 11 13 16 20 24

OHM-METERS

SCALE: 1 INCH = 20 FEET

NORCAL

ELECTRICAL RESISTIVITY PROFILE
LINE 870 NORTH
BENICIA POST DUMPSITE

LOCATION: BENECIA, CALIFORNIA

CLIENT: BROWN & CALDWELL

NORCAL GEOPHYSICAL CONSULTANTS INC.

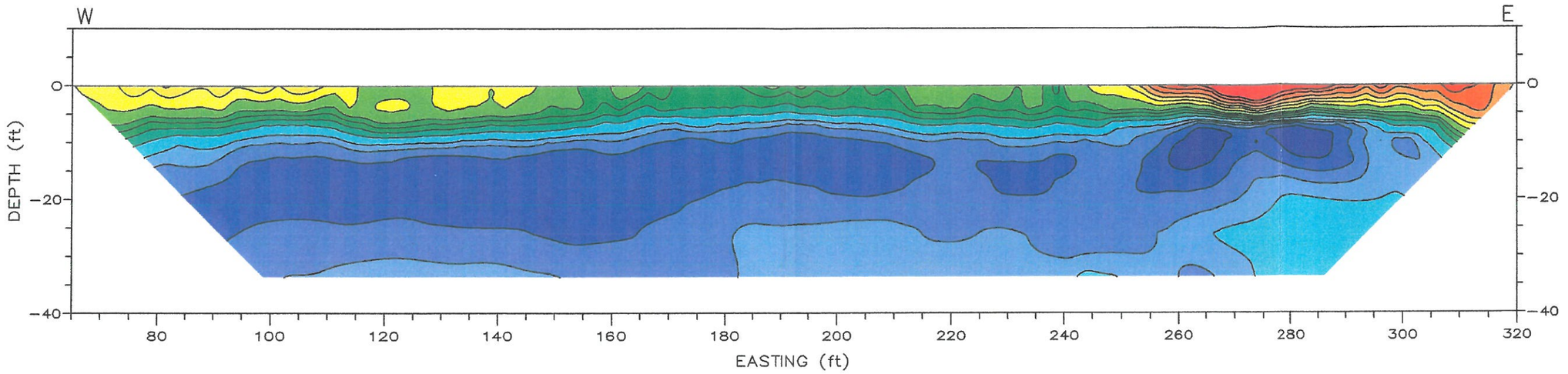
JOB #: 05-141.45

DATE: JUN. 2005

DRAWN BY: G.RANDALL

APPROVED BY: DJB

PLATE 4



INTERPRETED LITHOLOGY

NATIVE MATERIAL (CLAY) — IMPORTED FILL (SILTS & SANDS)

0 1 1.5 2 2.5 3 4 5 6 7 9 11 13 16 20 24

OHM-METERS

SCALE: 1 INCH = 20 FEET

NORCAL

ELECTRICAL RESISTIVITY PROFILE
LINE 710 NORTH
BENICIA POST DUMPSITE

LOCATION: BENECIA, CALIFORNIA

CLIENT: BROWN & CALDWELL

PLATE 5

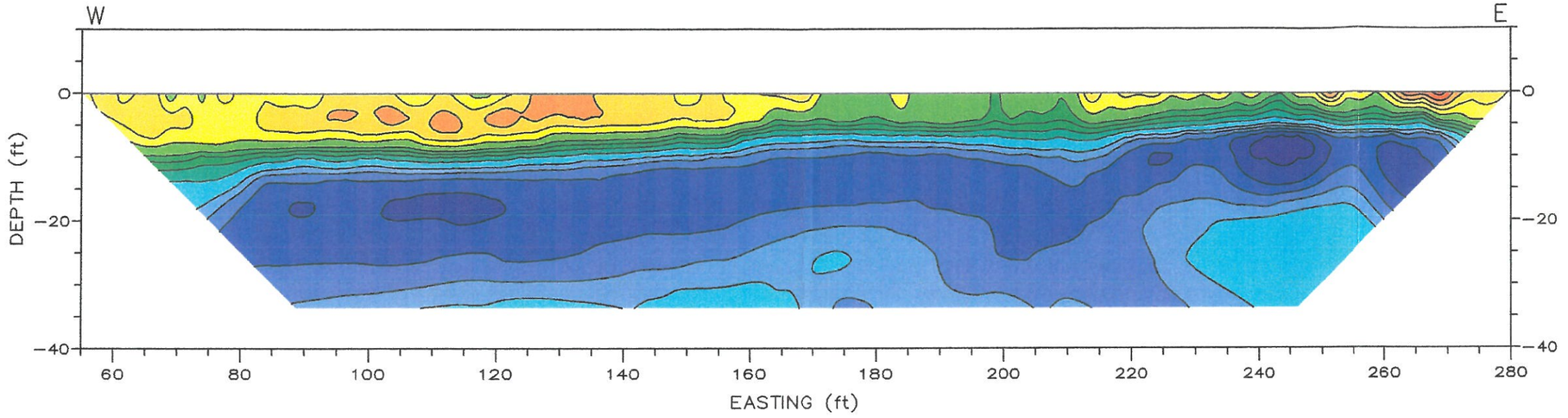
JOB #: 05-141.45

NORCAL GEOPHYSICAL CONSULTANTS INC.

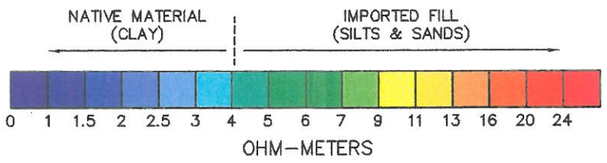
DATE: JUN. 2005

DRAWN BY: G.RANDALL

APPROVED BY: DJB



INTERPRETED LITHOLOGY



SCALE: 1 INCH = 20 FEET

NORCAL

ELECTRICAL RESISTIVITY PROFILE
LINE 540 NORTH
BENICIA POST DUMPSITE

LOCATION: BENECIA, CALIFORNIA

CLIENT: BROWN & CALDWELL

PLATE 6

JOB #: 05−141.45

NORCAL GEOPHYSICAL CONSULTANTS INC.

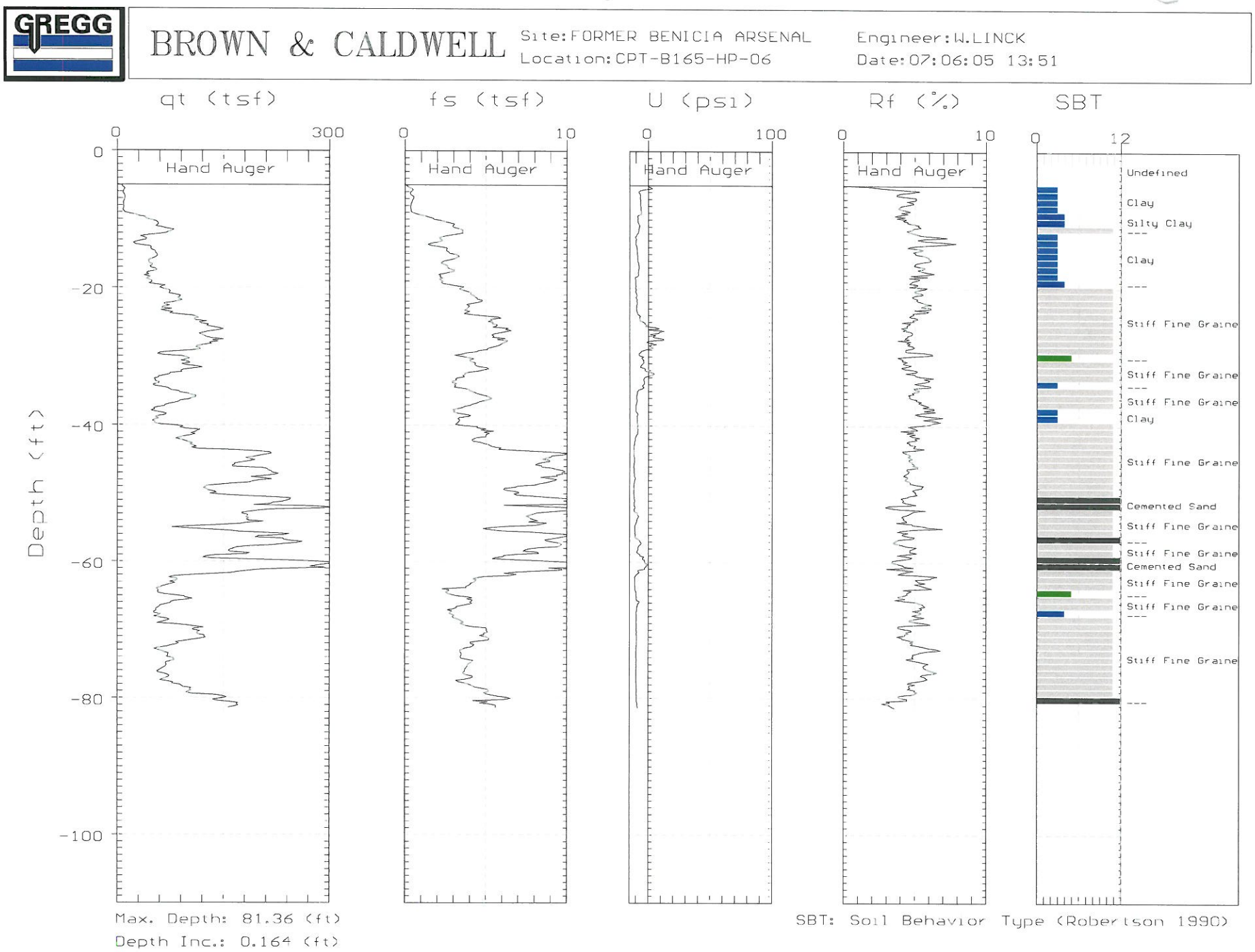
DATE: JUN. 2005

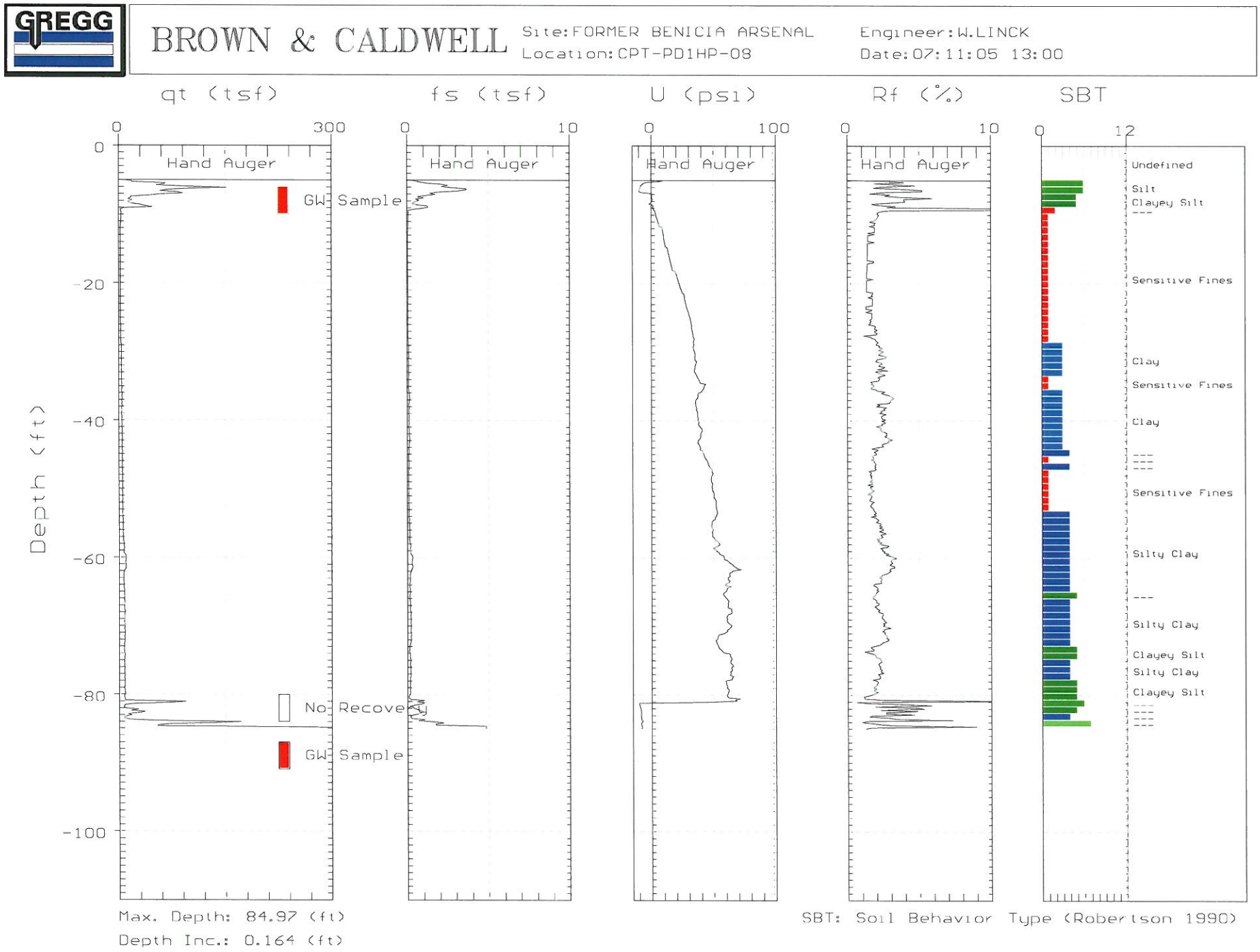
DRAWN BY: G.RANDALL

APPROVED BY: DJB

APPENDIX C

Cone Penetration Testing Logs


GREGG
BROWN & CALDWELL
Site: FORMER BENICIA ARSENAL
Location: CPT-B165-HP-06
Engineer: W.LINCK
Date: 07:06:05 13:51
qt (tsf)
fs (tsf)
U (psi)
Rf (%)
SBT
Hand Auger
Depth (ft)
0
-20
-40
-60
-80
-100
300
10
100
12
Undefined
Clay
Silty Clay
Stiff Fine Graine
Cemented Sand
Max. Depth: 81.36 (ft)
Depth Inc.: 0.164 (ft)
SBT: Soil Behavior Type (Robertson 1990)

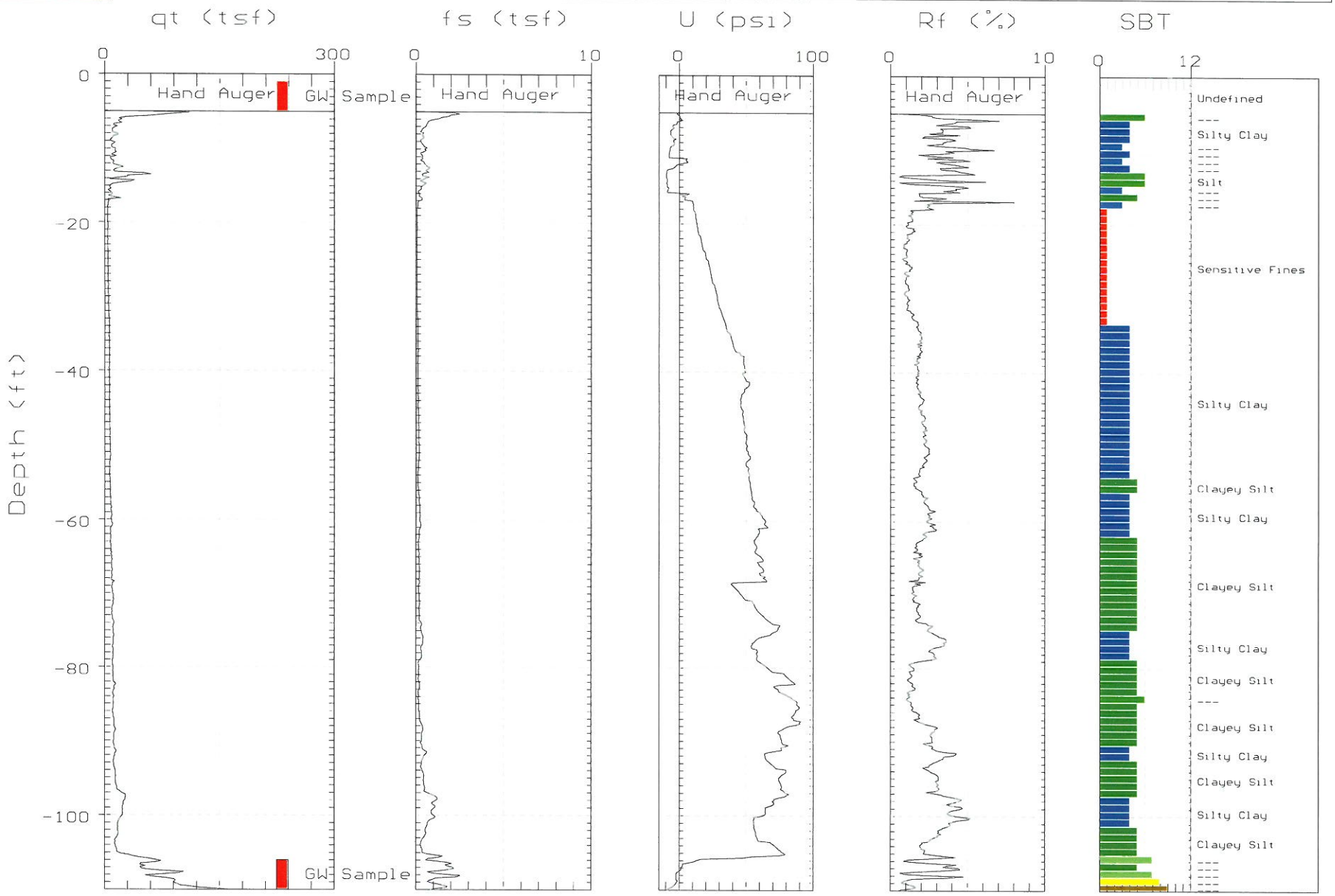

GREGG
BROWN & CALDWELL
Site: FORMER BENICIA ARSENAL
Location: CPT-PD1HP-08
Engineer: W.LINCK
Date: 07:11:05 13:00
qt (tsf)
fs (tsf)
U (psi)
Rf (%)
SBT
0
300
10
100
12
Hand Auger
GW Sample
No Recovery
GW Sample
Depth (ft)
0
-20
-40
-60
-80
-100
Undefined
Silt
Clayey Silt
Sensitive Fines
Clay
Sensitive Fines
Clay
Sensitive Fines
Silty Clay
Silty Clay
Clayey Silt
Silty Clay
Clayey Silt
Max. Depth: 84.97 (ft)
Depth Inc.: 0.164 (ft)
SBT: Soil Behavior Type (Robertson 1990)

GREGG

BROWN & CALDWELL

Site: FORMER BENICIA ARSENAL
Location: CPT-PDIHP-09

Engineer: W.LINCK
Date: 07:08:05 08:56



Max. Depth: 111.71 (ft)
Depth Inc.: 0.164 (ft)

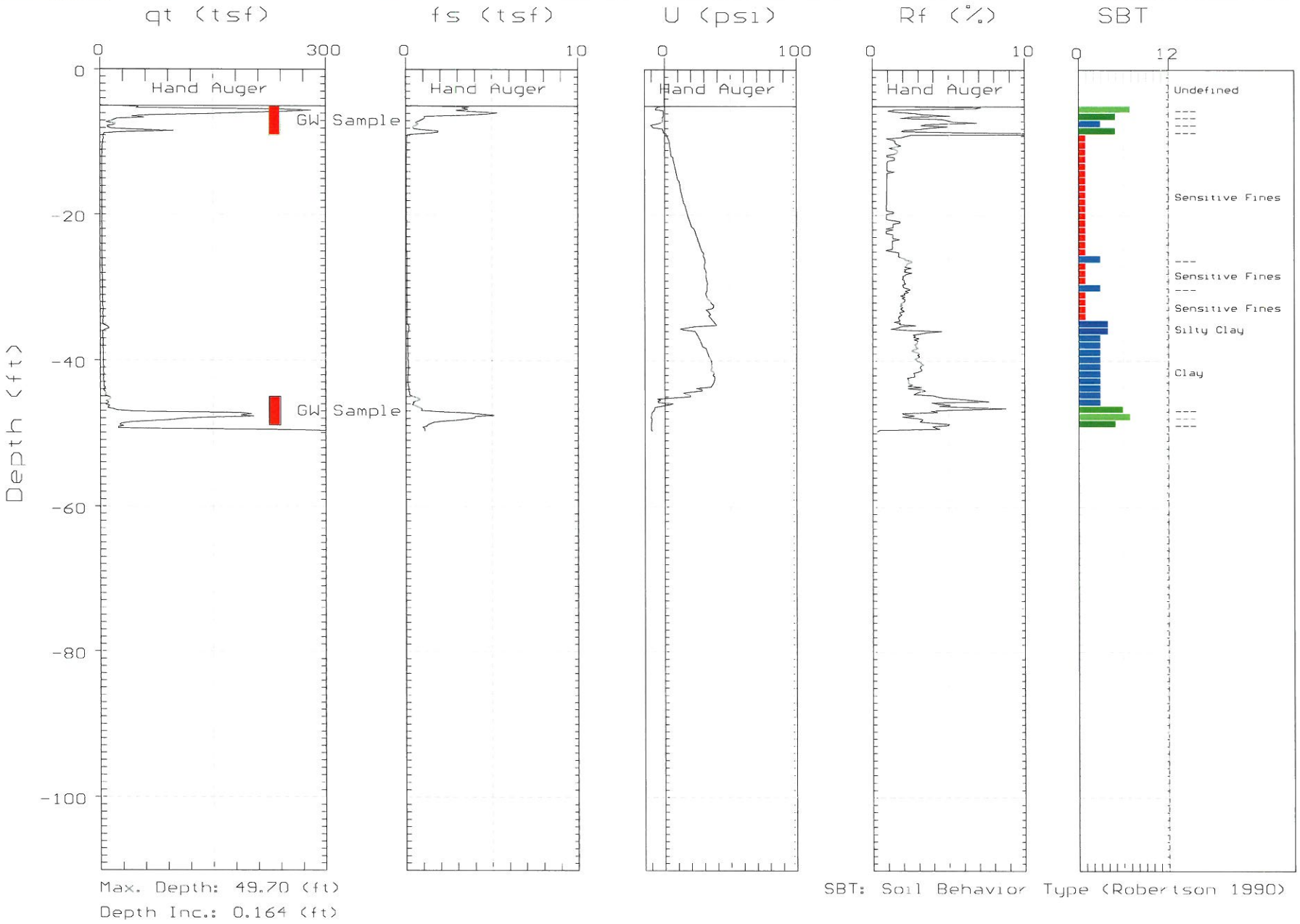
SBT: Soil Behavior Type (Robertson 1990)

GREGG

BROWN & CALDWELL

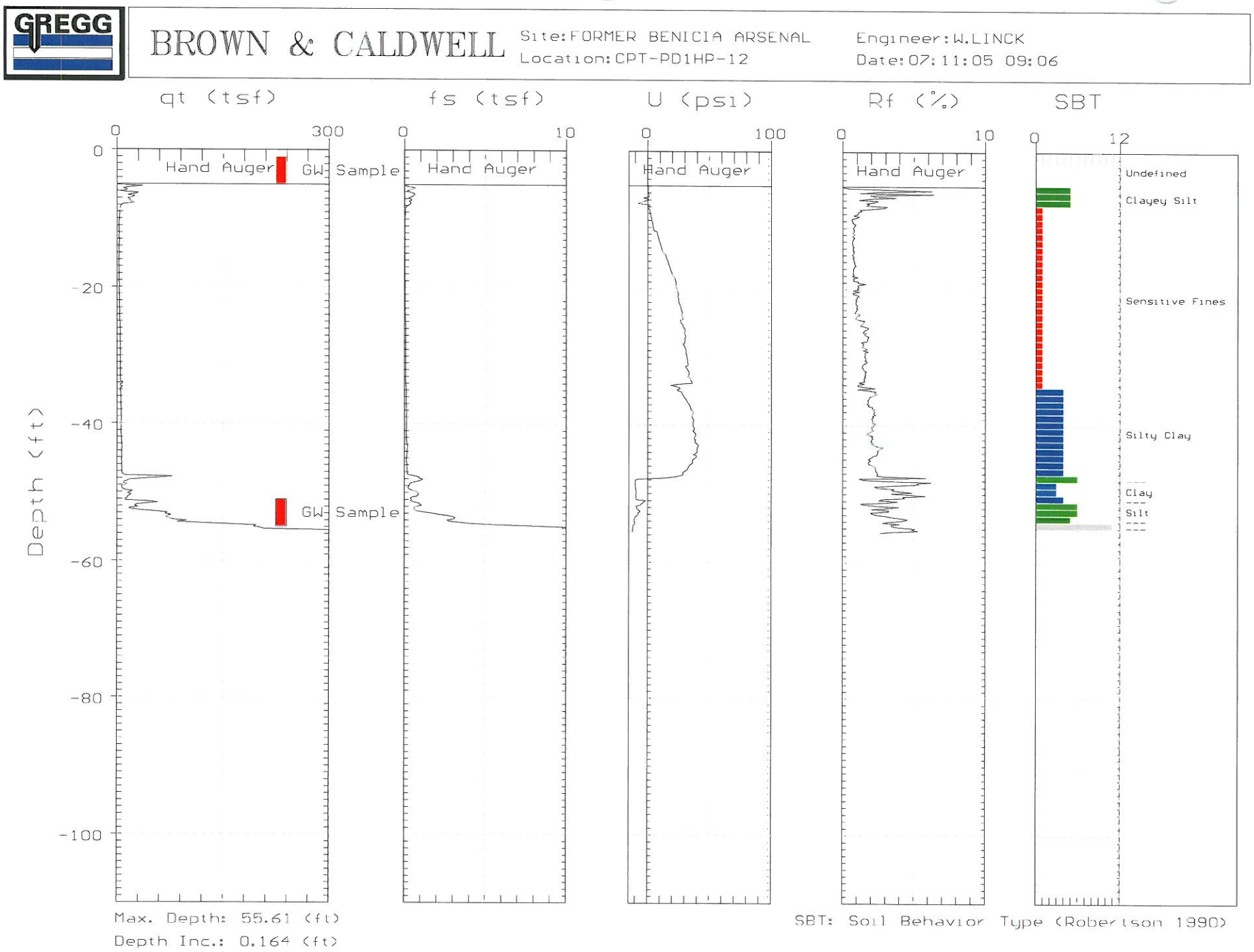
Site: FORMER BENICIA ARSENAL
Location: CPT-PD1HP-10

Engineer: W.LINCK
Date: 07:07:05 12:44



Max. Depth: 49.70 (ft)
Depth Inc.: 0.164 (ft)

SBT: Soil Behavior Type (Robertson 1990)

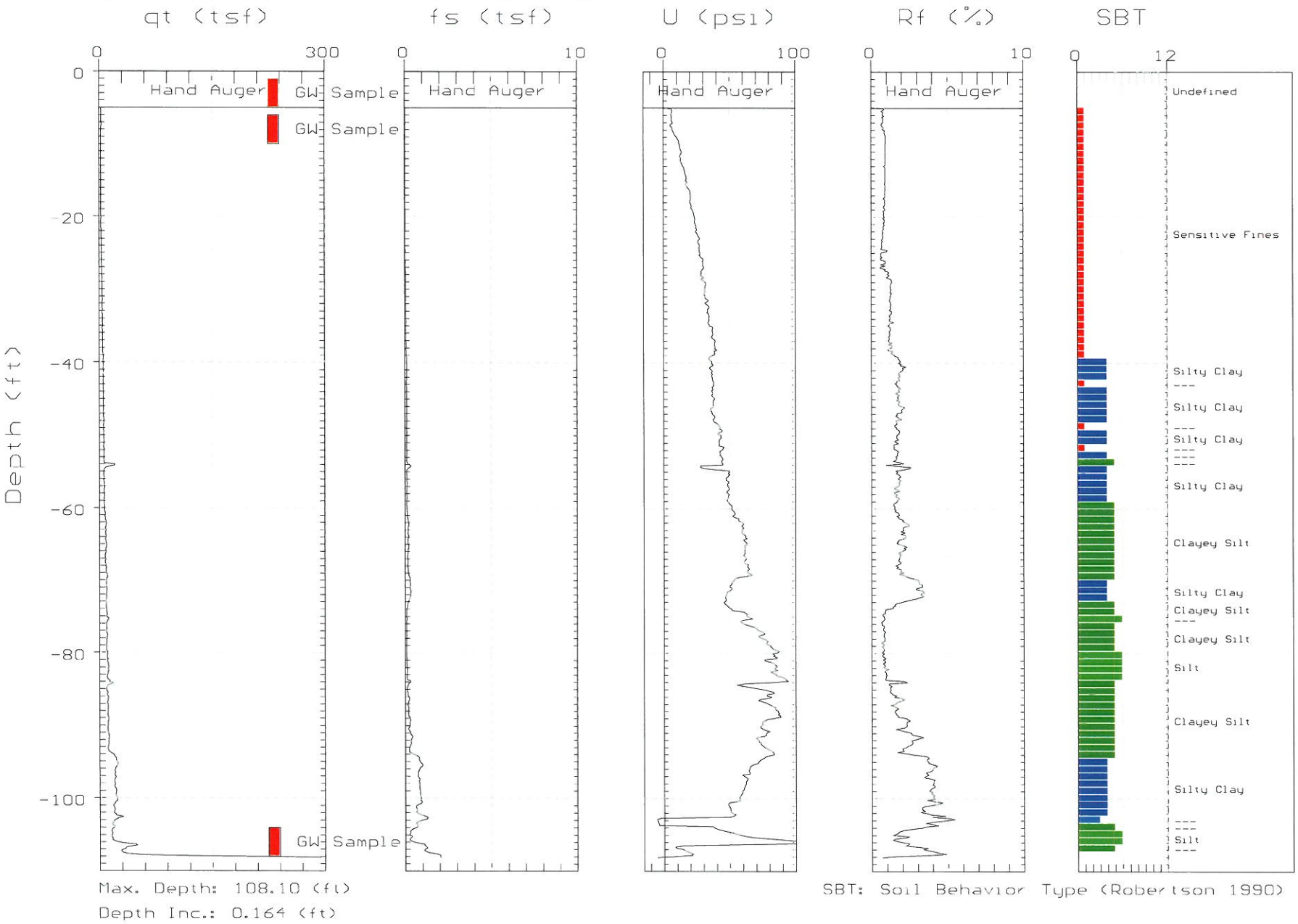

BROWN & CALDWELL
Site: FORMER BENICIA ARSENAL
Location: CPT-PD1HP-12
Engineer: W.LINCK
Date: 07: 11:05 09:06
qt (tsf)
fs (tsf)
U (psi)
Rf (%)
SBT
Depth (ft)
Hand Auger
GW Sample
Undefined
Clayey Silt
Sensitive Fines
Silty Clay
Clay
Silt
Max. Depth: 55.61 (ft)
Depth Inc.: 0.164 (ft)
SBT: Soil Behavior Type (Robertson 1990)

GREGG

BROWN & CALDWELL

Site: FORMER BENICIA ARSENAL
Location: CPT-PD1HP-13

Engineer: W.LINCK
Date: 07:07:05 08:57



Max. Depth: 108.10 (ft)
Depth Inc.: 0.164 (ft)

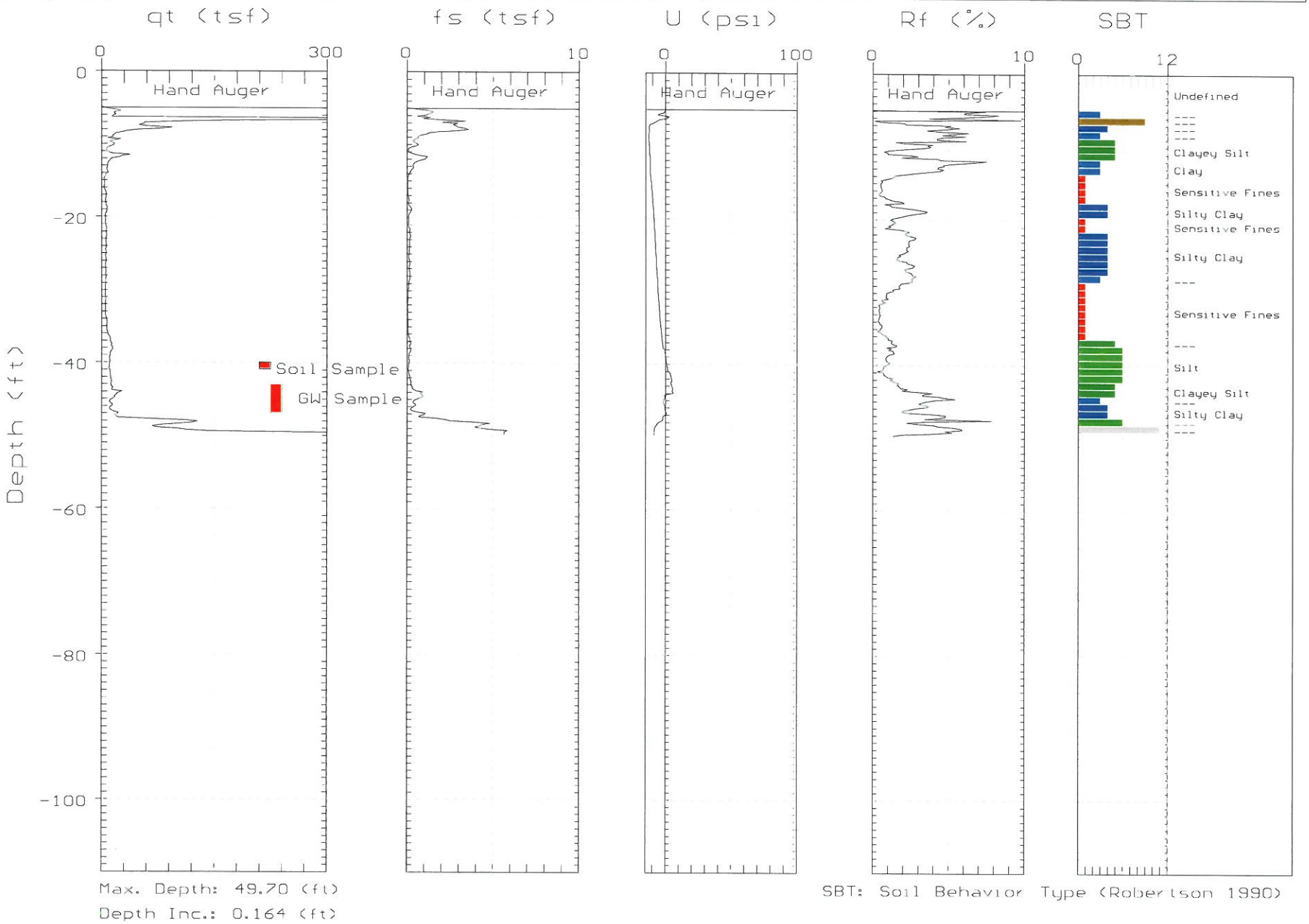
SBT: Soil Behavior Type (Robertson 1990)

GREGG

BROWN & CALDWELL

Site: FORMER BENICIA ARSENAL
Location: CPT-FS1-15

Engineer: W.LINCK
Date: 07:06:05 10:51



Max. Depth: 49.70 (ft)
Depth Inc.: 0.164 (ft)

SBT: Soil Behavior Type (Robertson 1990)

APPENDIX D

Water Quality Measurements

Appendix D.
Water Quality Measurements

Water Quality Measurements												
Location Name	SampleName	Measurement Date	Sample or Measurement Beginning Depth (feet bgs)	Sample or Measurement Ending Depth (feet bgs)	TDS (mg/L)	Groundwater Elevation (feet msl)	Depth To Water (feet bgs)	Temperature	Temperature Units	PH	ORP (millivolts)	Electrical Conductivity (UMHOS/CM)
PD001HP007	PD001HP007-A-W01	7/7/05 1:00 PM	0	5	NC	NC	3.1	25.95	DEG C	6.56	-68.8	3309
PD001HP007	PD001HP007-A-W02	7/7/05 1:50 PM	103	108	NC	NC	60	23.25	DEG C	7.25	-3	5957
PD001HP008	PD001HP008-A-W01	7/7/05 11:30 AM	5	10	NC	NC	5.1	25	DEG C	6.3	-32	3522
PD001HP009	PD001HP009-A-W02	7/7/05 10:20 AM	105	110	NC	NC	101.3	20.09	DEG C	7.06	-38.2	5778
PD001HP009	PD001HP009-A-W01	7/7/05 11:00 AM	0	5	NC	NC	2.7	27.36	DEG C	6.92	-71.8	3498
PD001HP010	PD001HP010-A-W02	7/7/05 1:30 PM	44	49	NC	NC	7.5	24.66	DEG C	7.18	-29.5	3174
PD001HP010	PD001HP010-A-W01	7/7/05 2:15 PM	5	10	NC	NC	6	24	DEG C	6.79	78.1	3535
PD001HP011	PD001HP011-A-W01	7/7/05 2:35 PM	0	5	NC	NC	3	28.86	DEG C	8.5	-171.9	7105
PD001HP011	PD001HP011-A-W02	7/7/05 3:15 PM	105	110	NC	NC	64.6	21.6	DEG C	6.94	-33.6	11454
PD001HP012	PD001HP012-A-W01	7/7/05 7:45 AM	0	5	NC	NC	3.8	28.23	DEG C	6.57	0.7	2334
PD001HP012	PD001HP012-A-W02	7/7/05 10:00 AM	50	55	NC	NC	30.8	23.34	DEG C	7.35	37.8	2915
PD001HP013	PD001HP013-A-W02	7/7/05 10:50 AM	103	108	NC	NC	NS	21.38	DEG C	6.89	-55.6	11314
PD001HP013	PD001HP013-A-W01	7/7/05 12:15 PM	0	5	NC	NC	0.5	29.26	DEG C	6.35	-77	9428

NC = not collected

APPENDIX E

Legend for Analytical Results

Appendix E.
Legend for Analytical Results

Sample Types	
SampleTypeID	**Description**
FD	Field Duplicate
N	Normal Environmental Sample

Laboratories	
Lab ID	**Description**
ATL	Air Toxics, Ltd., Folsom, CA
EMXT	EMAX Labs., Inc., Torrance, CA

Analytes	
AnalyteID	**Analyte Name**
1072-16-8	Octane, 2,7-dimethyl-
107-83-5	2-METHYLPENTANE
108-87-2	METHYLCYCLOHEXANE
109-66-0	N-PENTANE(C5)
110-82-7	CYCLOHEXANE
120-92-3	Cyclopentanone
16747-25-4	Hexane, 2,2,3-trimethyl-
1678-91-7	ETHYLCYCLOHEXANE
611-14-3	2-ETHYLTOLUENE
622-96-8	1-ETHYL-4-METHYL-BENZENE
638-04-0	CIS-1,3-DIMETHYL CYCLOHEXANE
74-99-7	1-Propyne
767-58-8	METHYLDIHYDROINDENE
78-78-4	2-METHYLBUTANE
872-56-0	ISOPROPYLCYCLOBUTANE
96-14-0	3-METHYLPENTANE
96-37-7	METHYLCYCLOPENTANE
ACE	ACETONE
ACNP	ACENAPHTHENE
ACNPY	ACENAPHTHYLENE
ANTH	ANTHRACENE
BDCME	BROMODICHLOROMETHANE
BRBZ	BROMOBENZENE
BRCLME	BROMOCHLOROMETHANE
BRME	BROMOMETHANE
BTBZN	n-BUTYLBENZENE
BTBZS	SEC-BUTYLBENZENE
BTBZT	t-BUTYLBENZENE
BZ	BENZENE
BZAA	BENZO(a)ANTHRACENE
BZAP	BENZO(a)PYRENE
BZBF	BENZO(b)FLUORANTHENE
BZGHIP	BENZO(g,h,i)PERYLENE

Appendix E.
Legend for Analytical Results

Analytes (continued)	
AnalyteID	**Analyte Name**
BZKF	BENZO(k)FLUORANTHENE
BZLCL	BENZYL CHLORIDE
BZME	TOLUENE
C7T	TOTAL HEPTANES
CDS	CARBON DISULFIDE
CHRYSENE	CHRYSENE
CLBZ	CHLOROBENZENE
CLBZME2	2-CHLOROTOLUENE
CLBZME4	4-CHLOROTOLUENE
CLEA	CHLOROETHANE
CLME	CHLOROMETHANE
CLPE3	ALLYL CHLORIDE (3-CHLOROPROPENE)
CTCL	CARBON TETRACHLORIDE
CYHEXANE	CYCLOHEXANE
CYMP	P-CYMENE (p-ISOPROPYLTOLUENE)
DBAHA	DIBENZ(a,h)ANTHRACENE
DBCME	DIBROMOCHLOROMETHANE
DBCP	1,2-DIBROMO-3-CHLOROPROPANE
DBMA	DIBROMOMETHANE
DCA11	1,1-DICHLOROETHANE
DCA12	1,2-DICHLOROETHANE
DCBZ12	1,2-DICHLOROBENZENE
DCBZ13	1,3-DICHLOROBENZENE
DCBZ14	1,4-DICHLOROBENZENE
DCE11	1,1-DICHLOROETHENE
DCE12C	cis-1,2-DICHLOROETHYLENE
DCE12T	trans-1,2-DICHLOROETHENE
DCP11	1,1-DICHLOROPROPENE
DCP13C	cis-1,3-DICHLOROPROPENE
DCP13T	trans-1,3-DICHLOROPROPENE
DCPA12	1,2-DICHLOROPROPANE
DCPA13	1,3-DICHLOROPROPANE
DCPA22	2,2-DICHLOROPROPANE
DIOXANE14	1,4-DIOXANE (P-DIOXANE)
DRO	DIESEL (C10-C24)
EBZ	ETHYLBENZENE
EBZME4	4-ETHYLTOLUENE
EDB	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)
ERYTHRENE	1,3-BUTADIENE
ETBE	TERT-BUTYL ETHYL ETHER
ETHANOL	ETHANOL
FC11	TRICHLOROFLUOROMETHANE
FC113	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE
FC114	Freon 114
FC12	DICHLORODIFLUOROMETHANE

Analytes (continued)	
AnalyteID	**Analyte Name**
FL	FLUORENE
FLA	FLUORANTHENE
GRO	GASOLINE (~C6-C10)
HCBU	HEXACHLOROBUTADIENE
HEXANE	Hexane
HXO2	2-HEXANONE
IME	IODOMETHANE (METHYL IODIDE)
INP123	INDENO(1,2,3-c,d)PYRENE
IPBZ	ISOPROPYLBENZENE (CUMENE)
ISOPRE	ISOPROPYL ETHER
ISOPROH	ISOPROPANOL
MEK	METHYL ETHYL KETONE (2-BUTANONE)
MIBK	METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)
MTLNCL	METHYLENE CHLORIDE
NAPH	NAPHTHALENE
PB	LEAD
PBZN	n-PROPYLBENZENE
PCA	1,1,2,2-TETRACHLOROETHANE
PCE	TETRACHLOROETHYLENE(PCE)
PHAN	PHENANTHRENE
PROPENE	PROPYLENE
PYR	PYRENE
RRO	MOTOR OIL (C20-C36)
STY	STYRENE
TAME	TERT-AMYL METHYL ETHER
TBME	BROMOFORM
TBUTMEE	tert-BUTYL METHYL ETHER
TC1112	1,1,1,2-TETRACHLOROETHANE
TCA111	1,1,1-TRICHLOROETHANE
TCA112	1,1,2-TRICHLOROETHANE
TCB123	1,2,3-TRICHLOROBENZENE
TCB124	1,2,4-TRICHLOROBENZENE
TCE	TRICHLOROETHYLENE (TCE)
TCLME	CHLOROFORM
TCPR123	1,2,3-TRICHLOROPROPANE
THF	TETRAHYDROFURAN
TM224C5N	2,2,4-TRIMETHYLPENTANE
TMB124	1,2,4-TRIMETHYLBENZENE
TMB135	1,3,5-TRIMETHYLBENZENE (MESITYLENE)
VA	VINYL ACETATE
VC	VINYL CHLORIDE
XYLMP	M,P-XYLENE (SUM OF ISOMERS)
XYLO	O-XYLENE (1,2-DIMETHYLBENZENE)

Appendix E.
Legend for Analytical Results

Parvq	
ParvqID	**Description**
=	Detected Above Reporting Limit
ND	Not Detected Above Detection Limit
TI	Tentatively Identified Compound
TR	Trace Detection; Below RL, Above DL

QC Flags	
QCFlag	**Description**
NJ	The analyte identification is presumptive. Reported value is an estimated concentration.
UJ	The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in.
J	The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

Reason Codes	
ReasonCode	**Description**
6L	Low LCS recovery
A	Absence of supporting QC
T	Trace level compound, poor quantitation

Units	
UnitsID	**Description**
MG/KG	Milligrams per Kilogram
PPBV	Parts per billion by volume
UG/L	Micrograms/Liter

APPENDIX F

Analytical Results for Soil

Appendix F

Analytical Results for all Constituents in Soil

Soil Results:

Location	Sample ID	Sample Type	Sample Date	Depth (FT)	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
PD001HP007	PD001HP007-A-S01	N	07/07/05	1.5 - 2	SW8260B	1,1,1,2-TETRACHLOROETHANE	< 0.00048	MG/KG	0.00048	ND	U	-
PD001HP007	PD001HP007-A-S01	N	07/07/05	1.5 - 2	SW8260B	1,1,1-TRICHLOROETHANE	< 0.00046	MG/KG	0.00046	ND	U	-
PD001HP007	PD001HP007-A-S01	N	07/07/05	1.5 - 2	SW8260B	1,1,2,2-TETRACHLOROETHANE	< 0.0003	MG/KG	0.0003	ND	U	-
PD001HP007	PD001HP007-A-S01	N	07/07/05	1.5 - 2	SW8260B	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 0.00096	MG/KG	0.00096	ND	U	-
PD001HP007	PD001HP007-A-S01	N	07/07/05	1.5 - 2	SW8260B	1,1,2-TRICHLOROETHANE	< 0.0021	MG/KG	0.0021	ND	U	-
PD001HP007	PD001HP007-A-S01	N	07/07/05	1.5 - 2	SW8260B	1,1-DICHLOROETHANE	< 0.00047	MG/KG	0.00047	ND	U	-
PD001HP007	PD001HP007-A-S01	N	07/07/05	1.5 - 2	SW8260B	1,1-DICHLOROETHENE	< 0.00049	MG/KG	0.00049	ND	U	-
PD001HP007	PD001HP007-A-S01	N	07/07/05	1.5 - 2	SW8260B	1,1-DICHLOROPROPENE	< 0.0011	MG/KG	0.0011	ND	U	-
PD001HP007	PD001HP007-A-S01	N	07/07/05	1.5 - 2	SW8260B	1,2,3-TRICHLOROBENZENE	< 0.00046	MG/KG	0.00046	ND	U	-
PD001HP007	PD001HP007-A-S01	N	07/07/05	1.5 - 2	SW8260B	1,2,3-TRICHLOROPROPANE	< 0.00054	MG/KG	0.00054	ND	U	-
PD001HP007	PD001HP007-A-S01	N	07/07/05	1.5 - 2	SW8260B	1,2,4-TRICHLOROBENZENE	< 0.0006	MG/KG	0.0006	ND	U	-
PD001HP007	PD001HP007-A-S01	N	07/07/05	1.5 - 2	SW8260B	1,2,4-TRIMETHYLBENZENE	< 0.00029	MG/KG	0.00029	ND	U	-
PD001HP007	PD001HP007-A-S01	N	07/07/05	1.5 - 2	SW8260B	1,2-DIBROMO-3-CHLOROPROPANE	< 0.0011	MG/KG	0.0011	ND	U	-
PD001HP007	PD001HP007-A-S01	N	07/07/05	1.5 - 2	SW8260B	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	< 0.00061	MG/KG	0.00061	ND	U	-
PD001HP007	PD001HP007-A-S01	N	07/07/05	1.5 - 2	SW8260B	1,2-DICHLOROBENZENE	< 0.00029	MG/KG	0.00029	ND	U	-
PD001HP007	PD001HP007-A-S01	N	07/07/05	1.5 - 2	SW8260B	1,2-DICHLOROETHANE	< 0.00086	MG/KG	0.00086	ND	U	-
PD001HP007	PD001HP007-A-S01	N	07/07/05	1.5 - 2	SW8260B	1,2-DICHLOROPROPANE	< 0.00037	MG/KG	0.00037	ND	U	-
PD001HP007	PD001HP007-A-S01	N	07/07/05	1.5 - 2	SW8260B	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	< 0.00041	MG/KG	0.00041	ND	U	-
PD001HP007	PD001HP007-A-S01	N	07/07/05	1.5 - 2	SW8260B	1,3-DICHLOROBENZENE	< 0.00029	MG/KG	0.00029	ND	U	-
PD001HP007	PD001HP007-A-S01	N	07/07/05	1.5 - 2	SW8260B	1,3-DICHLOROPROPANE	< 0.00065	MG/KG	0.00065	ND	U	-
PD001HP007	PD001HP007-A-S01	N	07/07/05	1.5 - 2	SW8260B	1,4-DICHLOROBENZENE	< 0.00033	MG/KG	0.00033	ND	U	-
PD001HP007	PD001HP007-A-S01	N	07/07/05	1.5 - 2	SW8260B	2,2-DICHLOROPROPANE	< 0.00039	MG/KG	0.00039	ND	U	-
PD001HP007	PD001HP007-A-S01	N	07/07/05	1.5 - 2	SW8260B	2-CHLOROTOLUENE	< 0.0005	MG/KG	0.0005	ND	U	-
PD001HP007	PD001HP007-A-S01	N	07/07/05	1.5 - 2	SW8260B	2-HEXANONE	< 0.0018	MG/KG	0.0018	ND	U	-
PD001HP007	PD001HP007-A-S01	N	07/07/05	1.5 - 2	SW8260B	4-CHLOROTOLUENE	< 0.00039	MG/KG	0.00039	ND	U	-
B051HA001	B051HA001-A-S01	N	01/04/06	1.75 - 2.2	SW8310	ACENAPHTHENE	< 0.013	MG/KG	0.013	ND	U	-
B051HA002	B051HA002-A-S01	N	01/04/06	1.5 - 2	SW8310	ACENAPHTHENE	< 0.012	MG/KG	0.012	ND	U	-

Appendix F, continued
Analytical Results for all Constituents in Soil

Soil Results:

Location	Sample ID	Sample Type	Sample Date	Depth (FT)	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
B051HA003	B051HA003-A-S01	N	01/04/06	**1.75 - 2.2**	SW8310	ACENAPHTHENE	< 0.059	MG/KG	0.059	ND	U	-
B051HA001	B051HA001-A-S01	N	01/04/06	**1.75 - 2.2**	SW8310	ACENAPHTHYLENE	< 0.026	MG/KG	0.026	ND	U	-
B051HA002	B051HA002-A-S01	N	01/04/06	**1.5 - 2**	SW8310	ACENAPHTHYLENE	< 0.025	MG/KG	0.025	ND	U	-
B051HA003	B051HA003-A-S01	N	01/04/06	**1.75 - 2.2**	SW8310	ACENAPHTHYLENE	< 0.12	MG/KG	0.12	ND	U	-
PD001HP007	PD001HP007-A-S01	N	07/07/05	**1.5 - 2**	SW8260B	ACETONE	**0.042**	MG/KG	0.0026	=	-	-
B051HA001	B051HA001-A-S01	N	01/04/06	**1.75 - 2.2**	SW8310	ANTHRACENE	< 0.0013	MG/KG	0.0013	ND	U	-
B051HA002	B051HA002-A-S01	N	01/04/06	**1.5 - 2**	SW8310	ANTHRACENE	**0.02**	MG/KG	0.0012	=	-	-
B051HA003	B051HA003-A-S01	N	01/04/06	**1.75 - 2.2**	SW8310	ANTHRACENE	< 0.0059	MG/KG	0.0059	ND	U	-
PD001HP007	PD001HP007-A-S01	N	07/07/05	**1.5 - 2**	SW8260B	BENZENE	< 0.00033	MG/KG	0.00033	ND	U	-
B051HA001	B051HA001-A-S01	N	01/04/06	**1.75 - 2.2**	SW8310	BENZO(a)ANTHRACENE	**0.0061**	MG/KG	0.0013	TR	J	T
B051HA002	B051HA002-A-S01	N	01/04/06	**1.5 - 2**	SW8310	BENZO(a)ANTHRACENE	**0.047**	MG/KG	0.0012	=	-	-
B051HA003	B051HA003-A-S01	N	01/04/06	**1.75 - 2.2**	SW8310	BENZO(a)ANTHRACENE	**0.019**	MG/KG	0.0059	TR	J	T
B051HA001	B051HA001-A-S01	N	01/04/06	**1.75 - 2.2**	SW8310	BENZO(a)PYRENE	< 0.0013	MG/KG	0.0013	ND	U	-
B051HA002	B051HA002-A-S01	N	01/04/06	**1.5 - 2**	SW8310	BENZO(a)PYRENE	**0.066**	MG/KG	0.0012	=	-	-
B051HA003	B051HA003-A-S01	N	01/04/06	**1.75 - 2.2**	SW8310	BENZO(a)PYRENE	**0.023**	MG/KG	0.0059	TR	J	T
B051HA001	B051HA001-A-S01	N	01/04/06	**1.75 - 2.2**	SW8310	BENZO(b)FLUORANTHENE	< 0.0026	MG/KG	0.0026	ND	U	-
B051HA002	B051HA002-A-S01	N	01/04/06	**1.5 - 2**	SW8310	BENZO(b)FLUORANTHENE	**0.054**	MG/KG	0.0025	=	-	-
B051HA003	B051HA003-A-S01	N	01/04/06	**1.75 - 2.2**	SW8310	BENZO(b)FLUORANTHENE	< 0.012	MG/KG	0.012	ND	U	-
B051HA001	B051HA001-A-S01	N	01/04/06	**1.75 - 2.2**	SW8310	BENZO(g,h,i)PERYLENE	< 0.0026	MG/KG	0.0026	ND	U	-
B051HA002	B051HA002-A-S01	N	01/04/06	**1.5 - 2**	SW8310	BENZO(g,h,i)PERYLENE	**0.053**	MG/KG	0.0025	=	-	-
B051HA003	B051HA003-A-S01	N	01/04/06	**1.75 - 2.2**	SW8310	BENZO(g,h,i)PERYLENE	**0.021**	MG/KG	0.012	TR	J	T
B051HA001	B051HA001-A-S01	N	01/04/06	**1.75 - 2.2**	SW8310	BENZO(k)FLUORANTHENE	< 0.0013	MG/KG	0.0013	ND	U	-
B051HA002	B051HA002-A-S01	N	01/04/06	**1.5 - 2**	SW8310	BENZO(k)FLUORANTHENE	**0.038**	MG/KG	0.0012	=	-	-
B051HA003	B051HA003-A-S01	N	01/04/06	**1.75 - 2.2**	SW8310	BENZO(k)FLUORANTHENE	**0.019**	MG/KG	0.0059	TR	J	T
PD001HP007	PD001HP007-A-S01	N	07/07/05	**1.5 - 2**	SW8260B	BROMOBENZENE	< 0.00035	MG/KG	0.00035	ND	U	-
PD001HP007	PD001HP007-A-S01	N	07/07/05	**1.5 - 2**	SW8260B	BROMOCHLOROMETHANE	< 0.00078	MG/KG	0.00078	ND	U	-
PD001HP007	PD001HP007-A-S01	N	07/07/05	**1.5 - 2**	SW8260B	BROMODICHLOROMETHANE	< 0.00035	MG/KG	0.00035	ND	U	-

Appendix F, continued
Analytical Results for all Constituents in Soil

Soil Results:

Location	Sample ID	Sample Type	Sample Date	Depth (FT)	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
PD001HP007	PD001HP007-A-S01	N	07/07/05	1.5 - 2	SW8260B	BROMOFORM	< 0.00031	MG/KG	0.00031	ND	U	-
PD001HP007	PD001HP007-A-S01	N	07/07/05	1.5 - 2	SW8260B	BROMOMETHANE	< 0.0024	MG/KG	0.0024	ND	U	-
PD001HP007	PD001HP007-A-S01	N	07/07/05	1.5 - 2	SW8260B	CARBON DISULFIDE	**0.011**	MG/KG	0.00027	=	-	-
PD001HP007	PD001HP007-A-S01	N	07/07/05	1.5 - 2	SW8260B	CARBON TETRACHLORIDE	< 0.00042	MG/KG	0.00042	ND	U	-
PD001HP007	PD001HP007-A-S01	N	07/07/05	1.5 - 2	SW8260B	CHLOROBENZENE	< 0.00024	MG/KG	0.00024	ND	U	-
PD001HP007	PD001HP007-A-S01	N	07/07/05	1.5 - 2	SW8260B	CHLOROETHANE	< 0.0031	MG/KG	0.0031	ND	U	-
PD001HP007	PD001HP007-A-S01	N	07/07/05	1.5 - 2	SW8260B	CHLOROFORM	< 0.00043	MG/KG	0.00043	ND	U	-
PD001HP007	PD001HP007-A-S01	N	07/07/05	1.5 - 2	SW8260B	CHLOROMETHANE	< 0.0024	MG/KG	0.0024	ND	U	-
B051HA001	B051HA001-A-S01	N	01/04/06	1.75 - 2.2	SW8310	CHRYSENE	< 0.0013	MG/KG	0.0013	ND	U	-
B051HA002	B051HA002-A-S01	N	01/04/06	1.5 - 2	SW8310	CHRYSENE	**0.065**	MG/KG	0.0012	=	-	-
B051HA003	B051HA003-A-S01	N	01/04/06	1.75 - 2.2	SW8310	CHRYSENE	**0.051**	MG/KG	0.0059	TR	J	T
PD001HP007	PD001HP007-A-S01	N	07/07/05	1.5 - 2	SW8260B	cis-1,2-DICHLOROETHYLENE	< 0.00024	MG/KG	0.00024	ND	U	-
PD001HP007	PD001HP007-A-S01	N	07/07/05	1.5 - 2	SW8260B	cis-1,3-DICHLOROPROPENE	< 0.00032	MG/KG	0.00032	ND	U	-
B051HA001	B051HA001-A-S01	N	01/04/06	1.75 - 2.2	SW8310	DIBENZ(a,h)ANTHRACENE	< 0.0052	MG/KG	0.0052	ND	U	-
B051HA002	B051HA002-A-S01	N	01/04/06	1.5 - 2	SW8310	DIBENZ(a,h)ANTHRACENE	< 0.0049	MG/KG	0.0049	ND	U	-
B051HA003	B051HA003-A-S01	N	01/04/06	1.75 - 2.2	SW8310	DIBENZ(a,h)ANTHRACENE	< 0.024	MG/KG	0.024	ND	U	-
PD001HP007	PD001HP007-A-S01	N	07/07/05	1.5 - 2	SW8260B	DIBROMOCHLOROMETHANE	< 0.00055	MG/KG	0.00055	ND	U	-
PD001HP007	PD001HP007-A-S01	N	07/07/05	1.5 - 2	SW8260B	DIBROMOMETHANE	< 0.00076	MG/KG	0.00076	ND	U	-
PD001HP007	PD001HP007-A-S01	N	07/07/05	1.5 - 2	SW8260B	DICHLORODIFLUOROMETHANE	< 0.0026	MG/KG	0.0026	ND	U	-
PD001HP007	PD001HP007-A-S01	N	07/07/05	1.5 - 2	SW8015B	DIESEL (C10-C24)	**5.3**	MG/KG	2.9	TR	J	T
PD001HP007	PD001HP007-A-S01	N	07/07/05	1.5 - 2	SW8260B	ETHYLBENZENE	< 0.00031	MG/KG	0.00031	ND	U	-
B051HA001	B051HA001-A-S01	N	01/04/06	1.75 - 2.2	SW8310	FLUORANTHENE	< 0.0026	MG/KG	0.0026	ND	U	-
B051HA002	B051HA002-A-S01	N	01/04/06	1.5 - 2	SW8310	FLUORANTHENE	**0.17**	MG/KG	0.0025	=	-	-
B051HA003	B051HA003-A-S01	N	01/04/06	1.75 - 2.2	SW8310	FLUORANTHENE	**0.084**	MG/KG	0.012	TR	J	T
B051HA001	B051HA001-A-S01	N	01/04/06	1.75 - 2.2	SW8310	FLUORENE	< 0.0026	MG/KG	0.0026	ND	U	-
B051HA002	B051HA002-A-S01	N	01/04/06	1.5 - 2	SW8310	FLUORENE	**0.0071**	MG/KG	0.0025	TR	J	T
B051HA003	B051HA003-A-S01	N	01/04/06	1.75 - 2.2	SW8310	FLUORENE	< 0.012	MG/KG	0.012	ND	U	-

Appendix F, continued
Analytical Results for all Constituents in Soil

Soil Results:

Location	Sample ID	Sample Type	Sample Date	Depth (FT)	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
PD001HP007	PD001HP007-A-S01	N	07/07/05	**1.5 - 2**	SW8015B	GASOLINE (~C6-C10)	< 0.58	MG/KG	0.58	ND	U	-
PD001HP007	PD001HP007-A-S01	N	07/07/05	**1.5 - 2**	SW8260B	HEXACHLOROBUTADIENE	< 0.00049	MG/KG	0.00049	ND	U	-
B051HA001	B051HA001-A-S01	N	01/04/06	**1.75 - 2.2**	SW8310	INDENO(1,2,3-c,d)PYRENE	< 0.0013	MG/KG	0.0013	ND	U	-
B051HA002	B051HA002-A-S01	N	01/04/06	**1.5 - 2**	SW8310	INDENO(1,2,3-c,d)PYRENE	**0.041**	MG/KG	0.0012	=	-	-
B051HA003	B051HA003-A-S01	N	01/04/06	**1.75 - 2.2**	SW8310	INDENO(1,2,3-c,d)PYRENE	**0.023**	MG/KG	0.0059	TR	J	T
PD001HP007	PD001HP007-A-S01	N	07/07/05	**1.5 - 2**	SW8260B	IODOMETHANE (METHYL IODIDE)	< 0.0014	MG/KG	0.0014	ND	U	-
PD001HP007	PD001HP007-A-S01	N	07/07/05	**1.5 - 2**	SW8260B	ISOPROPYL ETHER	< 0.00064	MG/KG	0.00064	ND	U	-
PD001HP007	PD001HP007-A-S01	N	07/07/05	**1.5 - 2**	SW8260B	ISOPROPYLBENZENE (CUMENE)	< 0.00045	MG/KG	0.00045	ND	U	-
B051HA001	B051HA001-A-S01	N	01/04/06	**1.75 - 2.2**	SW6010B	LEAD	**34.5**	MG/KG	0.19	=	-	-
B051HA002	B051HA002-A-S01	N	01/04/06	**1.5 - 2**	SW6010B	LEAD	**166**	MG/KG	0.179	=	-	-
B051HA003	B051HA003-A-S01	N	01/04/06	**1.75 - 2.2**	SW6010B	LEAD	**141**	MG/KG	0.171	=	-	-
B101GB001	B101GB001-A-S01	N	01/06/06	**1.5 - 2**	SW6010B	LEAD	**32.8**	MG/KG	0.172	=	-	-
PD001HP007	PD001HP007-A-S01	N	07/07/05	**1.5 - 2**	SW8260B	M,P-XYLENE (SUM OF ISOMERS)	< 0.0007	MG/KG	0.0007	ND	U	-
PD001HP007	PD001HP007-A-S01	N	07/07/05	**1.5 - 2**	SW8260B	METHYL ETHYL KETONE (2-BUTANONE)	**0.0058**	MG/KG	0.0026	TR	J	T
PD001HP007	PD001HP007-A-S01	N	07/07/05	**1.5 - 2**	SW8260B	THYL ISOBUTYL KETONE (4-METHYL-2-PENTANOI	< 0.0016	MG/KG	0.0016	ND	U	-
PD001HP007	PD001HP007-A-S01	N	07/07/05	**1.5 - 2**	SW8260B	METHYLENE CHLORIDE	< 0.0014	MG/KG	0.0014	ND	U	-
PD001HP007	PD001HP007-A-S01	N	07/07/05	**1.5 - 2**	SW8015B	MOTOR OIL (C20-C36)	**9.6**	MG/KG	2.8	TR	J	T
B051HA001	B051HA001-A-S01	N	01/04/06	**1.75 - 2.2**	SW8310	NAPHTHALENE	< 0.013	MG/KG	0.013	ND	U	-
B051HA002	B051HA002-A-S01	N	01/04/06	**1.5 - 2**	SW8310	NAPHTHALENE	< 0.012	MG/KG	0.012	ND	U	-
B051HA003	B051HA003-A-S01	N	01/04/06	**1.75 - 2.2**	SW8310	NAPHTHALENE	< 0.059	MG/KG	0.059	ND	U	-
PD001HP007	PD001HP007-A-S01	N	07/07/05	**1.5 - 2**	SW8260B	NAPHTHALENE	< 0.003	MG/KG	0.003	ND	UJ	6L
PD001HP007	PD001HP007-A-S01	N	07/07/05	**1.5 - 2**	SW8260B	n-BUTYLBENZENE	< 0.00024	MG/KG	0.00024	ND	U	-
PD001HP007	PD001HP007-A-S01	N	07/07/05	**1.5 - 2**	SW8260B	n-PROPYLBENZENE	< 0.00024	MG/KG	0.00024	ND	U	-
PD001HP007	PD001HP007-A-S01	N	07/07/05	**1.5 - 2**	SW8260B	O-XYLENE (1,2-DIMETHYLBENZENE)	< 0.00027	MG/KG	0.00027	ND	U	-
PD001HP007	PD001HP007-A-S01	N	07/07/05	**1.5 - 2**	SW8260B	P-CYMENE (p-ISOPROPYLTOLUENE)	< 0.00024	MG/KG	0.00024	ND	U	-
B051HA001	B051HA001-A-S01	N	01/04/06	**1.75 - 2.2**	SW8310	PHENANTHRENE	**0.0033**	MG/KG	0.0013	TR	J	T
B051HA002	B051HA002-A-S01	N	01/04/06	**1.5 - 2**	SW8310	PHENANTHRENE	**0.09**	MG/KG	0.0012	=	-	-

Appendix F, continued
Analytical Results for all Constituents in Soil

Soil Results:

Location	Sample ID	Sample Type	Sample Date	Depth (FT)	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
B051HA003	B051HA003-A-S01	N	01/04/06	**1.75 - 2.2**	SW8310	PHENANTHRENE	**0.019**	MG/KG	0.0059	TR	J	T
B051HA001	B051HA001-A-S01	N	01/04/06	**1.75 - 2.2**	SW8310	PYRENE	**0.0095**	MG/KG	0.0013	TR	J	T
B051HA002	B051HA002-A-S01	N	01/04/06	**1.5 - 2**	SW8310	PYRENE	**0.23**	MG/KG	0.0012	=	-	-
B051HA003	B051HA003-A-S01	N	01/04/06	**1.75 - 2.2**	SW8310	PYRENE	**0.1**	MG/KG	0.0059	=	-	-
PD001HP007	PD001HP007-A-S01	N	07/07/05	**1.5 - 2**	SW8260B	SEC-BUTYLBENZENE	< 0.00028	MG/KG	0.00028	ND	U	-
PD001HP007	PD001HP007-A-S01	N	07/07/05	**1.5 - 2**	SW8260B	STYRENE	< 0.00049	MG/KG	0.00049	ND	U	-
PD001HP007	PD001HP007-A-S01	N	07/07/05	**1.5 - 2**	SW8260B	t-BUTYLBENZENE	< 0.00024	MG/KG	0.00024	ND	U	-
PD001HP007	PD001HP007-A-S01	N	07/07/05	**1.5 - 2**	SW8260B	TERT-AMYL METHYL ETHER	< 0.00083	MG/KG	0.00083	ND	U	-
PD001HP007	PD001HP007-A-S01	N	07/07/05	**1.5 - 2**	SW8260B	TERT-BUTYL ETHYL ETHER	< 0.00075	MG/KG	0.00075	ND	U	-
PD001HP007	PD001HP007-A-S01	N	07/07/05	**1.5 - 2**	SW8260B	tert-BUTYL METHYL ETHER	< 0.0012	MG/KG	0.0012	ND	U	-
PD001HP007	PD001HP007-A-S01	N	07/07/05	**1.5 - 2**	SW8260B	TETRACHLOROETHYLENE(PCE)	< 0.00036	MG/KG	0.00036	ND	U	-
PD001HP007	PD001HP007-A-S01	N	07/07/05	**1.5 - 2**	SW8260B	TOLUENE	< 0.00052	MG/KG	0.00052	ND	U	-
PD001HP007	PD001HP007-A-S01	N	07/07/05	**1.5 - 2**	SW8260B	trans-1,2-DICHLOROETHENE	< 0.00032	MG/KG	0.00032	ND	U	-
PD001HP007	PD001HP007-A-S01	N	07/07/05	**1.5 - 2**	SW8260B	trans-1,3-DICHLOROPROPENE	< 0.0005	MG/KG	0.0005	ND	U	-
PD001HP007	PD001HP007-A-S01	N	07/07/05	**1.5 - 2**	SW8260B	TRICHLOROETHYLENE (TCE)	< 0.0003	MG/KG	0.0003	ND	U	-
PD001HP007	PD001HP007-A-S01	N	07/07/05	**1.5 - 2**	SW8260B	TRICHLOROFLUOROMETHANE	< 0.00026	MG/KG	0.00026	ND	U	-
PD001HP007	PD001HP007-A-S01	N	07/07/05	**1.5 - 2**	SW8260B	VINYL ACETATE	< 0.00042	MG/KG	0.00042	ND	U	-
PD001HP007	PD001HP007-A-S01	N	07/07/05	**1.5 - 2**	SW8260B	VINYL CHLORIDE	< 0.0023	MG/KG	0.0023	ND	U	-

APPENDIX G

Analytical Results for Soil Gas

Appendix G

Analytical Results for all Constituents in Soil Gas

Air Results:

Location	Sample ID	Sample Type	Sample Date	Depth (FT)	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
B090GB001	B090GB001-A-G01	N	01/06/06	2.8 - 3	TO14	1,1,1-TRICHLOROETHANE	< 1.3	PPBV	1.3	ND	U	-
B090GB001	B090GB001-B-G01	FD	01/06/06	2.8 - 3	TO14	1,1,1-TRICHLOROETHANE	< 1.3	PPBV	1.3	ND	U	-
B090GB001	B090GB001-A-G01	N	01/06/06	2.8 - 3	TO14	1,1,2,2-TETRACHLOROETHANE	< 1.3	PPBV	1.3	ND	U	-
B090GB001	B090GB001-B-G01	FD	01/06/06	2.8 - 3	TO14	1,1,2,2-TETRACHLOROETHANE	< 1.3	PPBV	1.3	ND	U	-
B090GB001	B090GB001-A-G01	N	01/06/06	2.8 - 3	TO14	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1.3	PPBV	1.3	ND	U	-
B090GB001	B090GB001-B-G01	FD	01/06/06	2.8 - 3	TO14	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1.3	PPBV	1.3	ND	U	-
B090GB001	B090GB001-A-G01	N	01/06/06	2.8 - 3	TO14	1,1,2-TRICHLOROETHANE	< 1.3	PPBV	1.3	ND	U	-
B090GB001	B090GB001-B-G01	FD	01/06/06	2.8 - 3	TO14	1,1,2-TRICHLOROETHANE	< 1.3	PPBV	1.3	ND	U	-
B090GB001	B090GB001-A-G01	N	01/06/06	2.8 - 3	TO14	1,1-DICHLOROETHANE	< 1.3	PPBV	1.3	ND	U	-
B090GB001	B090GB001-B-G01	FD	01/06/06	2.8 - 3	TO14	1,1-DICHLOROETHANE	< 1.3	PPBV	1.3	ND	U	-
B090GB001	B090GB001-A-G01	N	01/06/06	2.8 - 3	TO14	1,1-DICHLOROETHENE	< 1.3	PPBV	1.3	ND	U	-
B090GB001	B090GB001-B-G01	FD	01/06/06	2.8 - 3	TO14	1,1-DICHLOROETHENE	< 1.3	PPBV	1.3	ND	U	-
B090GB001	B090GB001-A-G01	N	01/06/06	2.8 - 3	TO14	1,2,4-TRICHLOROBENZENE	< 5.1	PPBV	5.1	ND	UJ	6L
B090GB001	B090GB001-B-G01	FD	01/06/06	2.8 - 3	TO14	1,2,4-TRICHLOROBENZENE	< 5.1	PPBV	5.1	ND	UJ	6L
B090GB001	B090GB001-A-G01	N	01/06/06	2.8 - 3	TO14	1,2,4-TRIMETHYLBENZENE	**8.6**	PPBV	1.3	=	-	-
B090GB001	B090GB001-B-G01	FD	01/06/06	2.8 - 3	TO14	1,2,4-TRIMETHYLBENZENE	**10**	PPBV	1.3	=	-	-
B090GB001	B090GB001-A-G01	N	01/06/06	2.8 - 3	TO14	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	< 1.3	PPBV	1.3	ND	U	-
B090GB001	B090GB001-B-G01	FD	01/06/06	2.8 - 3	TO14	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	< 1.3	PPBV	1.3	ND	U	-
B090GB001	B090GB001-A-G01	N	01/06/06	2.8 - 3	TO14	1,2-DICHLOROBENZENE	< 1.3	PPBV	1.3	ND	UJ	6L
B090GB001	B090GB001-B-G01	FD	01/06/06	2.8 - 3	TO14	1,2-DICHLOROBENZENE	< 1.3	PPBV	1.3	ND	UJ	6L
B090GB001	B090GB001-A-G01	N	01/06/06	2.8 - 3	TO14	1,2-DICHLOROETHANE	< 1.3	PPBV	1.3	ND	U	-
B090GB001	B090GB001-B-G01	FD	01/06/06	2.8 - 3	TO14	1,2-DICHLOROETHANE	< 1.3	PPBV	1.3	ND	U	-
B090GB001	B090GB001-A-G01	N	01/06/06	2.8 - 3	TO14	1,2-DICHLOROPROPANE	< 1.3	PPBV	1.3	ND	U	-
B090GB001	B090GB001-B-G01	FD	01/06/06	2.8 - 3	TO14	1,2-DICHLOROPROPANE	< 1.3	PPBV	1.3	ND	U	-
B090GB001	B090GB001-A-G01	N	01/06/06	2.8 - 3	TO14	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	**2.6**	PPBV	1.3	=	-	-
B090GB001	B090GB001-B-G01	FD	01/06/06	2.8 - 3	TO14	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	**3.1**	PPBV	1.3	=	-	-
B090GB001	B090GB001-A-G01	N	01/06/06	2.8 - 3	TO14	1,3-BUTADIENE	**3.5**	PPBV	1.3	=	-	-

Appendix G, continued

Analytical Results for all Constituents in Soil Gas

Air Results:

Location	Sample ID	Sample Type	Sample Date	Depth (FT)	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
B090GB001	B090GB001-B-G01	FD	01/06/06	**2.8 - 3**	TO14	1,3-BUTADIENE	< 1.3	PPBV	1.3	ND	U	-
B090GB001	B090GB001-A-G01	N	01/06/06	**2.8 - 3**	TO14	1,3-DICHLOROBENZENE	< 1.3	PPBV	1.3	ND	U	-
B090GB001	B090GB001-B-G01	FD	01/06/06	**2.8 - 3**	TO14	1,3-DICHLOROBENZENE	< 1.3	PPBV	1.3	ND	U	-
B090GB001	B090GB001-A-G01	N	01/06/06	**2.8 - 3**	TO14	1,4-DICHLOROBENZENE	< 1.3	PPBV	1.3	ND	U	-
B090GB001	B090GB001-B-G01	FD	01/06/06	**2.8 - 3**	TO14	1,4-DICHLOROBENZENE	< 1.3	PPBV	1.3	ND	U	-
B090GB001	B090GB001-A-G01	N	01/06/06	**2.8 - 3**	TO14	1,4-DIOXANE (P-DIOXANE)	< 5.1	PPBV	5.1	ND	U	-
B090GB001	B090GB001-B-G01	FD	01/06/06	**2.8 - 3**	TO14	1,4-DIOXANE (P-DIOXANE)	< 5.1	PPBV	5.1	ND	U	-
B090GB001	B090GB001-A-G01	N	01/06/06	**2.8 - 3**	TO14	1-Propyne	**13**	PPBV		TI	NJ	A
B090GB001	B090GB001-A-G01	N	01/06/06	**2.8 - 3**	TO14	2,2,4-TRIMETHYLPENTANE	< 1.3	PPBV	1.3	ND	U	-
B090GB001	B090GB001-B-G01	FD	01/06/06	**2.8 - 3**	TO14	2,2,4-TRIMETHYLPENTANE	< 1.3	PPBV	1.3	ND	U	-
B090GB001	B090GB001-B-G01	FD	01/06/06	**2.8 - 3**	TO14	2-ETHYLTOLUENE	**6.9**	PPBV		TI	NJ	A
B090GB001	B090GB001-A-G01	N	01/06/06	**2.8 - 3**	TO14	2-HEXANONE	< 5.1	PPBV	5.1	ND	U	-
B090GB001	B090GB001-B-G01	FD	01/06/06	**2.8 - 3**	TO14	2-HEXANONE	< 5.1	PPBV	5.1	ND	U	-
B090GB001	B090GB001-A-G01	N	01/06/06	**2.8 - 3**	TO14	4-ETHYLTOLUENE	**8.7**	PPBV	1.3	=	-	-
B090GB001	B090GB001-B-G01	FD	01/06/06	**2.8 - 3**	TO14	4-ETHYLTOLUENE	**8.4**	PPBV	1.3	=	-	-
B090GB001	B090GB001-A-G01	N	01/06/06	**2.8 - 3**	TO14	ACETONE	**17**	PPBV	5.1	=	-	-
B090GB001	B090GB001-B-G01	FD	01/06/06	**2.8 - 3**	TO14	ACETONE	**17**	PPBV	5.1	=	-	-
B090GB001	B090GB001-A-G01	N	01/06/06	**2.8 - 3**	TO14	ALLYL CHLORIDE (3-CHLOROPROPENE)	< 5.1	PPBV	5.1	ND	U	-
B090GB001	B090GB001-B-G01	FD	01/06/06	**2.8 - 3**	TO14	ALLYL CHLORIDE (3-CHLOROPROPENE)	< 5.1	PPBV	5.1	ND	U	-
B090GB001	B090GB001-A-G01	N	01/06/06	**2.8 - 3**	TO14	BENZENE	**1.6**	PPBV	1.3	=	-	-
B090GB001	B090GB001-B-G01	FD	01/06/06	**2.8 - 3**	TO14	BENZENE	< 1.3	PPBV	1.3	ND	U	-
B090GB001	B090GB001-A-G01	N	01/06/06	**2.8 - 3**	TO14	BENZYL CHLORIDE	< 1.3	PPBV	1.3	ND	U	-
B090GB001	B090GB001-B-G01	FD	01/06/06	**2.8 - 3**	TO14	BENZYL CHLORIDE	< 1.3	PPBV	1.3	ND	U	-
B090GB001	B090GB001-A-G01	N	01/06/06	**2.8 - 3**	TO14	BROMODICHLOROMETHANE	< 1.3	PPBV	1.3	ND	U	-
B090GB001	B090GB001-B-G01	FD	01/06/06	**2.8 - 3**	TO14	BROMODICHLOROMETHANE	< 1.3	PPBV	1.3	ND	U	-
B090GB001	B090GB001-A-G01	N	01/06/06	**2.8 - 3**	TO14	BROMOFORM	< 1.3	PPBV	1.3	ND	U	-
B090GB001	B090GB001-B-G01	FD	01/06/06	**2.8 - 3**	TO14	BROMOFORM	< 1.3	PPBV	1.3	ND	U	-

Appendix G, continued
Analytical Results for all Constituents in Soil Gas

Air Results:

Location	Sample ID	Sample Type	Sample Date	Depth (FT)	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
B090GB001	B090GB001-A-G01	N	01/06/06	2.8 - 3	TO14	BROMOMETHANE	< 1.3	PPBV	1.3	ND	U	-
B090GB001	B090GB001-B-G01	FD	01/06/06	2.8 - 3	TO14	BROMOMETHANE	< 1.3	PPBV	1.3	ND	U	-
B090GB001	B090GB001-A-G01	N	01/06/06	2.8 - 3	TO14	CARBON DISULFIDE	2.1	PPBV	1.3	=	-	-
B090GB001	B090GB001-B-G01	FD	01/06/06	2.8 - 3	TO14	CARBON DISULFIDE	< 1.3	PPBV	1.3	ND	U	-
B090GB001	B090GB001-A-G01	N	01/06/06	2.8 - 3	TO14	CARBON TETRACHLORIDE	< 1.3	PPBV	1.3	ND	U	-
B090GB001	B090GB001-B-G01	FD	01/06/06	2.8 - 3	TO14	CARBON TETRACHLORIDE	< 1.3	PPBV	1.3	ND	U	-
B090GB001	B090GB001-A-G01	N	01/06/06	2.8 - 3	TO14	CHLOROBENZENE	< 1.3	PPBV	1.3	ND	U	-
B090GB001	B090GB001-B-G01	FD	01/06/06	2.8 - 3	TO14	CHLOROBENZENE	< 1.3	PPBV	1.3	ND	U	-
B090GB001	B090GB001-A-G01	N	01/06/06	2.8 - 3	TO14	CHLOROETHANE	< 1.3	PPBV	1.3	ND	U	-
B090GB001	B090GB001-B-G01	FD	01/06/06	2.8 - 3	TO14	CHLOROETHANE	< 1.3	PPBV	1.3	ND	U	-
B090GB001	B090GB001-A-G01	N	01/06/06	2.8 - 3	TO14	CHLOROFORM	2.9	PPBV	1.3	=	-	-
B090GB001	B090GB001-B-G01	FD	01/06/06	2.8 - 3	TO14	CHLOROFORM	2	PPBV	1.3	=	-	-
B090GB001	B090GB001-A-G01	N	01/06/06	2.8 - 3	TO14	CHLOROMETHANE	< 5.1	PPBV	5.1	ND	U	-
B090GB001	B090GB001-B-G01	FD	01/06/06	2.8 - 3	TO14	CHLOROMETHANE	< 5.1	PPBV	5.1	ND	U	-
B090GB001	B090GB001-A-G01	N	01/06/06	2.8 - 3	TO14	cis-1,2-DICHLOROETHYLENE	< 1.3	PPBV	1.3	ND	U	-
B090GB001	B090GB001-B-G01	FD	01/06/06	2.8 - 3	TO14	cis-1,2-DICHLOROETHYLENE	< 1.3	PPBV	1.3	ND	U	-
B090GB001	B090GB001-A-G01	N	01/06/06	2.8 - 3	TO14	cis-1,3-DICHLOROPROPENE	< 1.3	PPBV	1.3	ND	U	-
B090GB001	B090GB001-B-G01	FD	01/06/06	2.8 - 3	TO14	cis-1,3-DICHLOROPROPENE	< 1.3	PPBV	1.3	ND	U	-
B090GB001	B090GB001-A-G01	N	01/06/06	2.8 - 3	TO14	CYCLOHEXANE	< 1.3	PPBV	1.3	ND	U	-
B090GB001	B090GB001-B-G01	FD	01/06/06	2.8 - 3	TO14	CYCLOHEXANE	< 1.3	PPBV	1.3	ND	U	-
B090GB001	B090GB001-A-G01	N	01/06/06	2.8 - 3	TO14	Cyclopentanone	24	PPBV		TI	NJ	A
B090GB001	B090GB001-A-G01	N	01/06/06	2.8 - 3	TO14	DIBROMOCHLOROMETHANE	< 1.3	PPBV	1.3	ND	U	-
B090GB001	B090GB001-B-G01	FD	01/06/06	2.8 - 3	TO14	DIBROMOCHLOROMETHANE	< 1.3	PPBV	1.3	ND	U	-
B090GB001	B090GB001-A-G01	N	01/06/06	2.8 - 3	TO14	DICHLORODIFLUOROMETHANE	< 1.3	PPBV	1.3	ND	U	-
B090GB001	B090GB001-B-G01	FD	01/06/06	2.8 - 3	TO14	DICHLORODIFLUOROMETHANE	< 1.3	PPBV	1.3	ND	U	-
B090GB001	B090GB001-A-G01	N	01/06/06	2.8 - 3	TO14	ETHANOL	< 5.1	PPBV	5.1	ND	U	-
B090GB001	B090GB001-B-G01	FD	01/06/06	2.8 - 3	TO14	ETHANOL	< 5.1	PPBV	5.1	ND	U	-

Appendix G, continued
Analytical Results for all Constituents in Soil Gas

Air Results:

Location	Sample ID	Sample Type	Sample Date	Depth (FT)	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
B090GB001	B090GB001-A-G01	N	01/06/06	2.8 - 3	TO14	ETHYLBENZENE	3	PPBV	1.3	=	-	-
B090GB001	B090GB001-B-G01	FD	01/06/06	2.8 - 3	TO14	ETHYLBENZENE	2.1	PPBV	1.3	=	-	-
B090GB001	B090GB001-A-G01	N	01/06/06	2.8 - 3	TO14	Freon 114	< 1.3	PPBV	1.3	ND	U	-
B090GB001	B090GB001-B-G01	FD	01/06/06	2.8 - 3	TO14	Freon 114	< 1.3	PPBV	1.3	ND	U	-
B090GB001	B090GB001-A-G01	N	01/06/06	2.8 - 3	TO14	HEXACHLOROBUTADIENE	< 5.1	PPBV	5.1	ND	U	-
B090GB001	B090GB001-B-G01	FD	01/06/06	2.8 - 3	TO14	HEXACHLOROBUTADIENE	< 5.1	PPBV	5.1	ND	U	-
B090GB001	B090GB001-A-G01	N	01/06/06	2.8 - 3	TO14	Hexane	1.3	PPBV	1.3	=	-	-
B090GB001	B090GB001-B-G01	FD	01/06/06	2.8 - 3	TO14	Hexane	< 1.3	PPBV	1.3	ND	U	-
B090GB001	B090GB001-B-G01	FD	01/06/06	2.8 - 3	TO14	Hexane, 2,2,3-trimethyl-	7.6	PPBV		TI	NJ	A
B090GB001	B090GB001-A-G01	N	01/06/06	2.8 - 3	TO14	ISOPROPANOL	< 5.1	PPBV	5.1	ND	U	-
B090GB001	B090GB001-B-G01	FD	01/06/06	2.8 - 3	TO14	ISOPROPANOL	< 5.1	PPBV	5.1	ND	U	-
B090GB001	B090GB001-A-G01	N	01/06/06	2.8 - 3	TO14	ISOPROPYLBENZENE (CUMENE)	< 1.3	PPBV	1.3	ND	U	-
B090GB001	B090GB001-B-G01	FD	01/06/06	2.8 - 3	TO14	ISOPROPYLBENZENE (CUMENE)	< 1.3	PPBV	1.3	ND	U	-
B090GB001	B090GB001-A-G01	N	01/06/06	2.8 - 3	TO14	M,P-XYLENE (SUM OF ISOMERS)	16	PPBV	1.3	=	-	-
B090GB001	B090GB001-B-G01	FD	01/06/06	2.8 - 3	TO14	M,P-XYLENE (SUM OF ISOMERS)	13	PPBV	1.3	=	-	-
B090GB001	B090GB001-A-G01	N	01/06/06	2.8 - 3	TO14	METHYL ETHYL KETONE (2-BUTANONE)	3.6	PPBV	1.3	=	-	-
B090GB001	B090GB001-B-G01	FD	01/06/06	2.8 - 3	TO14	METHYL ETHYL KETONE (2-BUTANONE)	3.8	PPBV	1.3	=	-	-
B090GB001	B090GB001-A-G01	N	01/06/06	2.8 - 3	TO14	THYL ISOBUTYL KETONE (4-METHYL-2-PENTANO	4	PPBV	1.3	=	-	-
B090GB001	B090GB001-B-G01	FD	01/06/06	2.8 - 3	TO14	THYL ISOBUTYL KETONE (4-METHYL-2-PENTANO	5.2	PPBV	1.3	=	-	-
B090GB001	B090GB001-A-G01	N	01/06/06	2.8 - 3	TO14	METHYLENE CHLORIDE	< 1.3	PPBV	1.3	ND	U	-
B090GB001	B090GB001-B-G01	FD	01/06/06	2.8 - 3	TO14	METHYLENE CHLORIDE	< 1.3	PPBV	1.3	ND	U	-
B090GB001	B090GB001-A-G01	N	01/06/06	2.8 - 3	TO14	n-PROPYLBENZENE	1.6	PPBV	1.3	=	-	-
B090GB001	B090GB001-B-G01	FD	01/06/06	2.8 - 3	TO14	n-PROPYLBENZENE	1.4	PPBV	1.3	=	-	-
B090GB001	B090GB001-A-G01	N	01/06/06	2.8 - 3	TO14	Octane, 2,7-dimethyl-	26	PPBV		TI	NJ	A
B090GB001	B090GB001-B-G01	FD	01/06/06	2.8 - 3	TO14	Octane, 2,7-dimethyl-	16	PPBV		TI	NJ	A
B090GB001	B090GB001-A-G01	N	01/06/06	2.8 - 3	TO14	O-XYLENE (1,2-DIMETHYLBENZENE)	5.8	PPBV	1.3	=	-	-
B090GB001	B090GB001-B-G01	FD	01/06/06	2.8 - 3	TO14	O-XYLENE (1,2-DIMETHYLBENZENE)	4.7	PPBV	1.3	=	-	-

Appendix G, continued
Analytical Results for all Constituents in Soil Gas

Air Results:

Location	Sample ID	Sample Type	Sample Date	Depth (FT)	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
B090GB001	B090GB001-A-G01	N	01/06/06	2.8 - 3	TO14	PROPYLENE	80	PPBV		TI	NJ	A
B090GB001	B090GB001-B-G01	FD	01/06/06	2.8 - 3	TO14	PROPYLENE	20	PPBV		TI	NJ	A
B090GB001	B090GB001-A-G01	N	01/06/06	2.8 - 3	TO14	STYRENE	< 1.3	PPBV	1.3	ND	U	-
B090GB001	B090GB001-B-G01	FD	01/06/06	2.8 - 3	TO14	STYRENE	< 1.3	PPBV	1.3	ND	U	-
B090GB001	B090GB001-A-G01	N	01/06/06	2.8 - 3	TO14	tert-BUTYL METHYL ETHER	< 1.3	PPBV	1.3	ND	U	-
B090GB001	B090GB001-B-G01	FD	01/06/06	2.8 - 3	TO14	tert-BUTYL METHYL ETHER	< 1.3	PPBV	1.3	ND	U	-
B090GB001	B090GB001-A-G01	N	01/06/06	2.8 - 3	TO14	TETRACHLOROETHYLENE(PCE)	< 1.3	PPBV	1.3	ND	U	-
B090GB001	B090GB001-B-G01	FD	01/06/06	2.8 - 3	TO14	TETRACHLOROETHYLENE(PCE)	< 1.3	PPBV	1.3	ND	U	-
B090GB001	B090GB001-A-G01	N	01/06/06	2.8 - 3	TO14	TETRAHYDROFURAN	< 1.3	PPBV	1.3	ND	U	-
B090GB001	B090GB001-B-G01	FD	01/06/06	2.8 - 3	TO14	TETRAHYDROFURAN	< 1.3	PPBV	1.3	ND	U	-
B090GB001	B090GB001-A-G01	N	01/06/06	2.8 - 3	TO14	TOLUENE	10	PPBV	1.3	=	-	-
B090GB001	B090GB001-B-G01	FD	01/06/06	2.8 - 3	TO14	TOLUENE	6.5	PPBV	1.3	=	-	-
B090GB001	B090GB001-A-G01	N	01/06/06	2.8 - 3	TO14	TOTAL HEPTANES	< 1.3	PPBV	1.3	ND	U	-
B090GB001	B090GB001-B-G01	FD	01/06/06	2.8 - 3	TO14	TOTAL HEPTANES	< 1.3	PPBV	1.3	ND	U	-
B090GB001	B090GB001-A-G01	N	01/06/06	2.8 - 3	TO14	trans-1,2-DICHLOROETHENE	< 1.3	PPBV	1.3	ND	U	-
B090GB001	B090GB001-B-G01	FD	01/06/06	2.8 - 3	TO14	trans-1,2-DICHLOROETHENE	< 1.3	PPBV	1.3	ND	U	-
B090GB001	B090GB001-A-G01	N	01/06/06	2.8 - 3	TO14	trans-1,3-DICHLOROPROPENE	< 1.3	PPBV	1.3	ND	U	-
B090GB001	B090GB001-B-G01	FD	01/06/06	2.8 - 3	TO14	trans-1,3-DICHLOROPROPENE	< 1.3	PPBV	1.3	ND	U	-
B090GB001	B090GB001-A-G01	N	01/06/06	2.8 - 3	TO14	TRICHLOROETHYLENE (TCE)	34	PPBV	1.3	=	-	-
B090GB001	B090GB001-B-G01	FD	01/06/06	2.8 - 3	TO14	TRICHLOROETHYLENE (TCE)	7.4	PPBV	1.3	=	-	-
B090GB001	B090GB001-A-G01	N	01/06/06	2.8 - 3	TO14	TRICHLOROFLUOROMETHANE	< 1.3	PPBV	1.3	ND	U	-
B090GB001	B090GB001-B-G01	FD	01/06/06	2.8 - 3	TO14	TRICHLOROFLUOROMETHANE	< 1.3	PPBV	1.3	ND	U	-
B090GB001	B090GB001-A-G01	N	01/06/06	2.8 - 3	TO14	VINYL CHLORIDE	< 1.3	PPBV	1.3	ND	U	-
B090GB001	B090GB001-B-G01	FD	01/06/06	2.8 - 3	TO14	VINYL CHLORIDE	< 1.3	PPBV	1.3	ND	U	-

APPENDIX H

Analytical Results for Groundwater

Appendix H

Analytical Results for all Constituents in Groundwater

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Depth (FT)	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
PD001HP007	PD001HP007-A-W01	N	07/08/05	0 - 5	SW8260B	1,1,1,2-TETRACHLOROETHANE	< 0.16	UG/L	0.16	ND	U	-
PD001HP007	PD001HP007-A-W02	N	07/08/05	103 - 108	SW8260B	1,1,1,2-TETRACHLOROETHANE	< 0.16	UG/L	0.16	ND	U	-
PD001HP008	PD001HP008-A-W01	N	07/11/05	5 - 10	SW8260B	1,1,1,2-TETRACHLOROETHANE	< 0.16	UG/L	0.16	ND	U	-
PD001HP009	PD001HP009-A-W02	N	07/08/05	105 - 110	SW8260B	1,1,1,2-TETRACHLOROETHANE	< 0.16	UG/L	0.16	ND	U	-
PD001HP009	PD001HP009-A-W01	N	07/08/05	0 - 5	SW8260B	1,1,1,2-TETRACHLOROETHANE	< 0.16	UG/L	0.16	ND	U	-
PD001HP010	PD001HP010-A-W02	N	07/07/05	44 - 49	SW8260B	1,1,1,2-TETRACHLOROETHANE	< 0.16	UG/L	0.16	ND	U	-
PD001HP010	PD001HP010-A-W01	N	07/07/05	5 - 10	SW8260B	1,1,1,2-TETRACHLOROETHANE	< 0.16	UG/L	0.16	ND	U	-
PD001HP011	PD001HP011-A-W01	N	07/07/05	0 - 5	SW8260B	1,1,1,2-TETRACHLOROETHANE	< 0.16	UG/L	0.16	ND	U	-
PD001HP011	PD001HP011-A-W02	N	07/07/05	105 - 110	SW8260B	1,1,1,2-TETRACHLOROETHANE	< 0.16	UG/L	0.16	ND	U	-
PD001HP012	PD001HP012-A-W01	N	07/11/05	0 - 5	SW8260B	1,1,1,2-TETRACHLOROETHANE	< 0.16	UG/L	0.16	ND	U	-
PD001HP012	PD001HP012-A-W02	N	07/11/05	50 - 55	SW8260B	1,1,1,2-TETRACHLOROETHANE	< 0.16	UG/L	0.16	ND	U	-
PD001HP013	PD001HP013-A-W02	N	07/07/05	103 - 108	SW8260B	1,1,1,2-TETRACHLOROETHANE	< 0.16	UG/L	0.16	ND	U	-
PD001HP013	PD001HP013-A-W01	N	07/07/05	0 - 5	SW8260B	1,1,1,2-TETRACHLOROETHANE	< 0.16	UG/L	0.16	ND	U	-
PD001HP007	PD001HP007-A-W01	N	07/08/05	0 - 5	SW8260B	1,1,1-TRICHLOROETHANE	< 0.13	UG/L	0.13	ND	U	-
PD001HP007	PD001HP007-A-W02	N	07/08/05	103 - 108	SW8260B	1,1,1-TRICHLOROETHANE	< 0.13	UG/L	0.13	ND	U	-
PD001HP008	PD001HP008-A-W01	N	07/11/05	5 - 10	SW8260B	1,1,1-TRICHLOROETHANE	< 0.13	UG/L	0.13	ND	U	-
PD001HP009	PD001HP009-A-W02	N	07/08/05	105 - 110	SW8260B	1,1,1-TRICHLOROETHANE	< 0.13	UG/L	0.13	ND	U	-
PD001HP009	PD001HP009-A-W01	N	07/08/05	0 - 5	SW8260B	1,1,1-TRICHLOROETHANE	< 0.13	UG/L	0.13	ND	U	-
PD001HP010	PD001HP010-A-W02	N	07/07/05	44 - 49	SW8260B	1,1,1-TRICHLOROETHANE	< 0.13	UG/L	0.13	ND	U	-
PD001HP010	PD001HP010-A-W01	N	07/07/05	5 - 10	SW8260B	1,1,1-TRICHLOROETHANE	< 0.13	UG/L	0.13	ND	U	-
PD001HP011	PD001HP011-A-W01	N	07/07/05	0 - 5	SW8260B	1,1,1-TRICHLOROETHANE	< 0.13	UG/L	0.13	ND	U	-
PD001HP011	PD001HP011-A-W02	N	07/07/05	105 - 110	SW8260B	1,1,1-TRICHLOROETHANE	< 0.13	UG/L	0.13	ND	U	-
PD001HP012	PD001HP012-A-W01	N	07/11/05	0 - 5	SW8260B	1,1,1-TRICHLOROETHANE	< 0.13	UG/L	0.13	ND	U	-
PD001HP012	PD001HP012-A-W02	N	07/11/05	50 - 55	SW8260B	1,1,1-TRICHLOROETHANE	< 0.13	UG/L	0.13	ND	U	-
PD001HP013	PD001HP013-A-W02	N	07/07/05	103 - 108	SW8260B	1,1,1-TRICHLOROETHANE	< 0.13	UG/L	0.13	ND	U	-
PD001HP013	PD001HP013-A-W01	N	07/07/05	0 - 5	SW8260B	1,1,1-TRICHLOROETHANE	< 0.13	UG/L	0.13	ND	U	-
PD001HP007	PD001HP007-A-W01	N	07/08/05	0 - 5	SW8260B	1,1,2,2-TETRACHLOROETHANE	< 0.28	UG/L	0.28	ND	U	-

Appendix H, continued

Analytical Results for all Constituents in Groundwater

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Depth (FT)	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
PD001HP007	PD001HP007-A-W02	N	07/08/05	103 - 108	SW8260B	1,1,2,2-TETRACHLOROETHANE	< 0.28	UG/L	0.28	ND	U	-
PD001HP008	PD001HP008-A-W01	N	07/11/05	5 - 10	SW8260B	1,1,2,2-TETRACHLOROETHANE	< 0.28	UG/L	0.28	ND	U	-
PD001HP009	PD001HP009-A-W02	N	07/08/05	105 - 110	SW8260B	1,1,2,2-TETRACHLOROETHANE	< 0.28	UG/L	0.28	ND	U	-
PD001HP009	PD001HP009-A-W01	N	07/08/05	0 - 5	SW8260B	1,1,2,2-TETRACHLOROETHANE	< 0.28	UG/L	0.28	ND	U	-
PD001HP010	PD001HP010-A-W02	N	07/07/05	44 - 49	SW8260B	1,1,2,2-TETRACHLOROETHANE	< 0.28	UG/L	0.28	ND	U	-
PD001HP010	PD001HP010-A-W01	N	07/07/05	5 - 10	SW8260B	1,1,2,2-TETRACHLOROETHANE	< 0.28	UG/L	0.28	ND	U	-
PD001HP011	PD001HP011-A-W01	N	07/07/05	0 - 5	SW8260B	1,1,2,2-TETRACHLOROETHANE	< 0.28	UG/L	0.28	ND	U	-
PD001HP011	PD001HP011-A-W02	N	07/07/05	105 - 110	SW8260B	1,1,2,2-TETRACHLOROETHANE	< 0.28	UG/L	0.28	ND	U	-
PD001HP012	PD001HP012-A-W01	N	07/11/05	0 - 5	SW8260B	1,1,2,2-TETRACHLOROETHANE	< 0.28	UG/L	0.28	ND	U	-
PD001HP012	PD001HP012-A-W02	N	07/11/05	50 - 55	SW8260B	1,1,2,2-TETRACHLOROETHANE	< 0.28	UG/L	0.28	ND	U	-
PD001HP013	PD001HP013-A-W02	N	07/07/05	103 - 108	SW8260B	1,1,2,2-TETRACHLOROETHANE	< 0.28	UG/L	0.28	ND	U	-
PD001HP013	PD001HP013-A-W01	N	07/07/05	0 - 5	SW8260B	1,1,2,2-TETRACHLOROETHANE	< 0.28	UG/L	0.28	ND	U	-
PD001HP007	PD001HP007-A-W01	N	07/08/05	0 - 5	SW8260B	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 0.2	UG/L	0.2	ND	U	-
PD001HP007	PD001HP007-A-W02	N	07/08/05	103 - 108	SW8260B	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 0.2	UG/L	0.2	ND	U	-
PD001HP008	PD001HP008-A-W01	N	07/11/05	5 - 10	SW8260B	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 0.2	UG/L	0.2	ND	U	-
PD001HP009	PD001HP009-A-W02	N	07/08/05	105 - 110	SW8260B	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 0.2	UG/L	0.2	ND	U	-
PD001HP009	PD001HP009-A-W01	N	07/08/05	0 - 5	SW8260B	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 0.2	UG/L	0.2	ND	U	-
PD001HP010	PD001HP010-A-W02	N	07/07/05	44 - 49	SW8260B	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 0.2	UG/L	0.2	ND	U	-
PD001HP010	PD001HP010-A-W01	N	07/07/05	5 - 10	SW8260B	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 0.2	UG/L	0.2	ND	U	-
PD001HP011	PD001HP011-A-W01	N	07/07/05	0 - 5	SW8260B	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 0.2	UG/L	0.2	ND	U	-
PD001HP011	PD001HP011-A-W02	N	07/07/05	105 - 110	SW8260B	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 0.2	UG/L	0.2	ND	U	-
PD001HP012	PD001HP012-A-W01	N	07/11/05	0 - 5	SW8260B	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 0.2	UG/L	0.2	ND	U	-
PD001HP012	PD001HP012-A-W02	N	07/11/05	50 - 55	SW8260B	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 0.2	UG/L	0.2	ND	U	-
PD001HP013	PD001HP013-A-W02	N	07/07/05	103 - 108	SW8260B	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 0.2	UG/L	0.2	ND	U	-
PD001HP013	PD001HP013-A-W01	N	07/07/05	0 - 5	SW8260B	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 0.2	UG/L	0.2	ND	U	-
PD001HP007	PD001HP007-A-W01	N	07/08/05	0 - 5	SW8260B	1,1,2-TRICHLOROETHANE	< 0.23	UG/L	0.23	ND	U	-
PD001HP007	PD001HP007-A-W02	N	07/08/05	103 - 108	SW8260B	1,1,2-TRICHLOROETHANE	< 0.23	UG/L	0.23	ND	U	-

Appendix H, continued

Analytical Results for all Constituents in Groundwater

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Depth (FT)	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
PD001HP008	PD001HP008-A-W01	N	07/11/05	5 - 10	SW8260B	1,1,2-TRICHLOROETHANE	< 0.23	UG/L	0.23	ND	U	-
PD001HP009	PD001HP009-A-W02	N	07/08/05	105 - 110	SW8260B	1,1,2-TRICHLOROETHANE	< 0.23	UG/L	0.23	ND	U	-
PD001HP009	PD001HP009-A-W01	N	07/08/05	0 - 5	SW8260B	1,1,2-TRICHLOROETHANE	< 0.23	UG/L	0.23	ND	U	-
PD001HP010	PD001HP010-A-W02	N	07/07/05	44 - 49	SW8260B	1,1,2-TRICHLOROETHANE	< 0.23	UG/L	0.23	ND	U	-
PD001HP010	PD001HP010-A-W01	N	07/07/05	5 - 10	SW8260B	1,1,2-TRICHLOROETHANE	< 0.23	UG/L	0.23	ND	U	-
PD001HP011	PD001HP011-A-W01	N	07/07/05	0 - 5	SW8260B	1,1,2-TRICHLOROETHANE	< 0.23	UG/L	0.23	ND	U	-
PD001HP011	PD001HP011-A-W02	N	07/07/05	105 - 110	SW8260B	1,1,2-TRICHLOROETHANE	< 0.23	UG/L	0.23	ND	U	-
PD001HP012	PD001HP012-A-W01	N	07/11/05	0 - 5	SW8260B	1,1,2-TRICHLOROETHANE	< 0.23	UG/L	0.23	ND	U	-
PD001HP012	PD001HP012-A-W02	N	07/11/05	50 - 55	SW8260B	1,1,2-TRICHLOROETHANE	< 0.23	UG/L	0.23	ND	U	-
PD001HP013	PD001HP013-A-W02	N	07/07/05	103 - 108	SW8260B	1,1,2-TRICHLOROETHANE	< 0.23	UG/L	0.23	ND	U	-
PD001HP013	PD001HP013-A-W01	N	07/07/05	0 - 5	SW8260B	1,1,2-TRICHLOROETHANE	< 0.23	UG/L	0.23	ND	U	-
PD001HP007	PD001HP007-A-W01	N	07/08/05	0 - 5	SW8260B	1,1-DICHLOROETHANE	< 0.12	UG/L	0.12	ND	U	-
PD001HP007	PD001HP007-A-W02	N	07/08/05	103 - 108	SW8260B	1,1-DICHLOROETHANE	< 0.12	UG/L	0.12	ND	U	-
PD001HP008	PD001HP008-A-W01	N	07/11/05	5 - 10	SW8260B	1,1-DICHLOROETHANE	< 0.12	UG/L	0.12	ND	U	-
PD001HP009	PD001HP009-A-W02	N	07/08/05	105 - 110	SW8260B	1,1-DICHLOROETHANE	< 0.12	UG/L	0.12	ND	U	-
PD001HP009	PD001HP009-A-W01	N	07/08/05	0 - 5	SW8260B	1,1-DICHLOROETHANE	< 0.12	UG/L	0.12	ND	U	-
PD001HP010	PD001HP010-A-W02	N	07/07/05	44 - 49	SW8260B	1,1-DICHLOROETHANE	< 0.12	UG/L	0.12	ND	U	-
PD001HP010	PD001HP010-A-W01	N	07/07/05	5 - 10	SW8260B	1,1-DICHLOROETHANE	< 0.12	UG/L	0.12	ND	U	-
PD001HP011	PD001HP011-A-W01	N	07/07/05	0 - 5	SW8260B	1,1-DICHLOROETHANE	< 0.12	UG/L	0.12	ND	U	-
PD001HP011	PD001HP011-A-W02	N	07/07/05	105 - 110	SW8260B	1,1-DICHLOROETHANE	< 0.12	UG/L	0.12	ND	U	-
PD001HP012	PD001HP012-A-W01	N	07/11/05	0 - 5	SW8260B	1,1-DICHLOROETHANE	< 0.12	UG/L	0.12	ND	U	-
PD001HP012	PD001HP012-A-W02	N	07/11/05	50 - 55	SW8260B	1,1-DICHLOROETHANE	< 0.12	UG/L	0.12	ND	U	-
PD001HP013	PD001HP013-A-W02	N	07/07/05	103 - 108	SW8260B	1,1-DICHLOROETHANE	< 0.12	UG/L	0.12	ND	U	-
PD001HP013	PD001HP013-A-W01	N	07/07/05	0 - 5	SW8260B	1,1-DICHLOROETHANE	< 0.12	UG/L	0.12	ND	U	-
PD001HP007	PD001HP007-A-W01	N	07/08/05	0 - 5	SW8260B	1,1-DICHLOROETHENE	0.22	UG/L	0.15	TR	J	T
PD001HP007	PD001HP007-A-W02	N	07/08/05	103 - 108	SW8260B	1,1-DICHLOROETHENE	< 0.15	UG/L	0.15	ND	U	-
PD001HP008	PD001HP008-A-W01	N	07/11/05	5 - 10	SW8260B	1,1-DICHLOROETHENE	< 0.15	UG/L	0.15	ND	U	-

Appendix H, continued

Analytical Results for all Constituents in Groundwater

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Depth (FT)	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
PD001HP009	PD001HP009-A-W02	N	07/08/05	105 - 110	SW8260B	1,1-DICHLOROETHENE	< 0.15	UG/L	0.15	ND	U	-
PD001HP009	PD001HP009-A-W01	N	07/08/05	0 - 5	SW8260B	1,1-DICHLOROETHENE	< 0.15	UG/L	0.15	ND	U	-
PD001HP010	PD001HP010-A-W02	N	07/07/05	44 - 49	SW8260B	1,1-DICHLOROETHENE	< 0.15	UG/L	0.15	ND	U	-
PD001HP010	PD001HP010-A-W01	N	07/07/05	5 - 10	SW8260B	1,1-DICHLOROETHENE	< 0.15	UG/L	0.15	ND	U	-
PD001HP011	PD001HP011-A-W01	N	07/07/05	0 - 5	SW8260B	1,1-DICHLOROETHENE	< 0.15	UG/L	0.15	ND	U	-
PD001HP011	PD001HP011-A-W02	N	07/07/05	105 - 110	SW8260B	1,1-DICHLOROETHENE	< 0.15	UG/L	0.15	ND	U	-
PD001HP012	PD001HP012-A-W01	N	07/11/05	0 - 5	SW8260B	1,1-DICHLOROETHENE	< 0.15	UG/L	0.15	ND	U	-
PD001HP012	PD001HP012-A-W02	N	07/11/05	50 - 55	SW8260B	1,1-DICHLOROETHENE	< 0.15	UG/L	0.15	ND	U	-
PD001HP013	PD001HP013-A-W02	N	07/07/05	103 - 108	SW8260B	1,1-DICHLOROETHENE	< 0.15	UG/L	0.15	ND	U	-
PD001HP013	PD001HP013-A-W01	N	07/07/05	0 - 5	SW8260B	1,1-DICHLOROETHENE	< 0.15	UG/L	0.15	ND	U	-
PD001HP007	PD001HP007-A-W01	N	07/08/05	0 - 5	SW8260B	1,1-DICHLOROPROPENE	< 0.22	UG/L	0.22	ND	U	-
PD001HP007	PD001HP007-A-W02	N	07/08/05	103 - 108	SW8260B	1,1-DICHLOROPROPENE	< 0.22	UG/L	0.22	ND	U	-
PD001HP008	PD001HP008-A-W01	N	07/11/05	5 - 10	SW8260B	1,1-DICHLOROPROPENE	< 0.22	UG/L	0.22	ND	U	-
PD001HP009	PD001HP009-A-W02	N	07/08/05	105 - 110	SW8260B	1,1-DICHLOROPROPENE	< 0.22	UG/L	0.22	ND	U	-
PD001HP009	PD001HP009-A-W01	N	07/08/05	0 - 5	SW8260B	1,1-DICHLOROPROPENE	< 0.22	UG/L	0.22	ND	U	-
PD001HP010	PD001HP010-A-W02	N	07/07/05	44 - 49	SW8260B	1,1-DICHLOROPROPENE	< 0.22	UG/L	0.22	ND	U	-
PD001HP010	PD001HP010-A-W01	N	07/07/05	5 - 10	SW8260B	1,1-DICHLOROPROPENE	< 0.22	UG/L	0.22	ND	U	-
PD001HP011	PD001HP011-A-W01	N	07/07/05	0 - 5	SW8260B	1,1-DICHLOROPROPENE	< 0.22	UG/L	0.22	ND	U	-
PD001HP011	PD001HP011-A-W02	N	07/07/05	105 - 110	SW8260B	1,1-DICHLOROPROPENE	< 0.22	UG/L	0.22	ND	U	-
PD001HP012	PD001HP012-A-W01	N	07/11/05	0 - 5	SW8260B	1,1-DICHLOROPROPENE	< 0.22	UG/L	0.22	ND	U	-
PD001HP012	PD001HP012-A-W02	N	07/11/05	50 - 55	SW8260B	1,1-DICHLOROPROPENE	< 0.22	UG/L	0.22	ND	U	-
PD001HP013	PD001HP013-A-W02	N	07/07/05	103 - 108	SW8260B	1,1-DICHLOROPROPENE	< 0.22	UG/L	0.22	ND	U	-
PD001HP013	PD001HP013-A-W01	N	07/07/05	0 - 5	SW8260B	1,1-DICHLOROPROPENE	< 0.22	UG/L	0.22	ND	U	-
PD001HP007	PD001HP007-A-W01	N	07/08/05	0 - 5	SW8260B	1,2,3-TRICHLOROBENZENE	< 0.17	UG/L	0.17	ND	U	-
PD001HP007	PD001HP007-A-W02	N	07/08/05	103 - 108	SW8260B	1,2,3-TRICHLOROBENZENE	< 0.17	UG/L	0.17	ND	U	-
PD001HP008	PD001HP008-A-W01	N	07/11/05	5 - 10	SW8260B	1,2,3-TRICHLOROBENZENE	< 0.17	UG/L	0.17	ND	U	-
PD001HP009	PD001HP009-A-W02	N	07/08/05	105 - 110	SW8260B	1,2,3-TRICHLOROBENZENE	< 0.17	UG/L	0.17	ND	U	-

Appendix H, continued

Analytical Results for all Constituents in Groundwater

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Depth (FT)	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
PD001HP009	PD001HP009-A-W01	N	07/08/05	0 - 5	SW8260B	1,2,3-TRICHLOROBENZENE	< 0.17	UG/L	0.17	ND	U	-
PD001HP010	PD001HP010-A-W02	N	07/07/05	44 - 49	SW8260B	1,2,3-TRICHLOROBENZENE	< 0.17	UG/L	0.17	ND	U	-
PD001HP010	PD001HP010-A-W01	N	07/07/05	5 - 10	SW8260B	1,2,3-TRICHLOROBENZENE	< 0.17	UG/L	0.17	ND	U	-
PD001HP011	PD001HP011-A-W01	N	07/07/05	0 - 5	SW8260B	1,2,3-TRICHLOROBENZENE	< 0.17	UG/L	0.17	ND	U	-
PD001HP011	PD001HP011-A-W02	N	07/07/05	105 - 110	SW8260B	1,2,3-TRICHLOROBENZENE	< 0.17	UG/L	0.17	ND	U	-
PD001HP012	PD001HP012-A-W01	N	07/11/05	0 - 5	SW8260B	1,2,3-TRICHLOROBENZENE	< 0.17	UG/L	0.17	ND	U	-
PD001HP012	PD001HP012-A-W02	N	07/11/05	50 - 55	SW8260B	1,2,3-TRICHLOROBENZENE	< 0.17	UG/L	0.17	ND	U	-
PD001HP013	PD001HP013-A-W02	N	07/07/05	103 - 108	SW8260B	1,2,3-TRICHLOROBENZENE	< 0.17	UG/L	0.17	ND	U	-
PD001HP013	PD001HP013-A-W01	N	07/07/05	0 - 5	SW8260B	1,2,3-TRICHLOROBENZENE	< 0.17	UG/L	0.17	ND	U	-
PD001HP007	PD001HP007-A-W01	N	07/08/05	0 - 5	SW8260B	1,2,3-TRICHLOROPROPANE	< 0.16	UG/L	0.16	ND	U	-
PD001HP007	PD001HP007-A-W02	N	07/08/05	103 - 108	SW8260B	1,2,3-TRICHLOROPROPANE	< 0.16	UG/L	0.16	ND	U	-
PD001HP008	PD001HP008-A-W01	N	07/11/05	5 - 10	SW8260B	1,2,3-TRICHLOROPROPANE	< 0.16	UG/L	0.16	ND	U	-
PD001HP009	PD001HP009-A-W02	N	07/08/05	105 - 110	SW8260B	1,2,3-TRICHLOROPROPANE	< 0.16	UG/L	0.16	ND	U	-
PD001HP009	PD001HP009-A-W01	N	07/08/05	0 - 5	SW8260B	1,2,3-TRICHLOROPROPANE	< 0.16	UG/L	0.16	ND	U	-
PD001HP010	PD001HP010-A-W02	N	07/07/05	44 - 49	SW8260B	1,2,3-TRICHLOROPROPANE	< 0.16	UG/L	0.16	ND	U	-
PD001HP010	PD001HP010-A-W01	N	07/07/05	5 - 10	SW8260B	1,2,3-TRICHLOROPROPANE	< 0.16	UG/L	0.16	ND	U	-
PD001HP011	PD001HP011-A-W01	N	07/07/05	0 - 5	SW8260B	1,2,3-TRICHLOROPROPANE	< 0.16	UG/L	0.16	ND	U	-
PD001HP011	PD001HP011-A-W02	N	07/07/05	105 - 110	SW8260B	1,2,3-TRICHLOROPROPANE	< 0.16	UG/L	0.16	ND	U	-
PD001HP012	PD001HP012-A-W01	N	07/11/05	0 - 5	SW8260B	1,2,3-TRICHLOROPROPANE	< 0.16	UG/L	0.16	ND	U	-
PD001HP012	PD001HP012-A-W02	N	07/11/05	50 - 55	SW8260B	1,2,3-TRICHLOROPROPANE	< 0.16	UG/L	0.16	ND	U	-
PD001HP013	PD001HP013-A-W02	N	07/07/05	103 - 108	SW8260B	1,2,3-TRICHLOROPROPANE	< 0.16	UG/L	0.16	ND	U	-
PD001HP013	PD001HP013-A-W01	N	07/07/05	0 - 5	SW8260B	1,2,3-TRICHLOROPROPANE	< 0.16	UG/L	0.16	ND	U	-
PD001HP007	PD001HP007-A-W01	N	07/08/05	0 - 5	SW8260B	1,2,4-TRICHLOROBENZENE	< 0.2	UG/L	0.2	ND	U	-
PD001HP007	PD001HP007-A-W02	N	07/08/05	103 - 108	SW8260B	1,2,4-TRICHLOROBENZENE	< 0.2	UG/L	0.2	ND	U	-
PD001HP008	PD001HP008-A-W01	N	07/11/05	5 - 10	SW8260B	1,2,4-TRICHLOROBENZENE	< 0.2	UG/L	0.2	ND	U	-
PD001HP009	PD001HP009-A-W02	N	07/08/05	105 - 110	SW8260B	1,2,4-TRICHLOROBENZENE	< 0.2	UG/L	0.2	ND	U	-
PD001HP009	PD001HP009-A-W01	N	07/08/05	0 - 5	SW8260B	1,2,4-TRICHLOROBENZENE	< 0.2	UG/L	0.2	ND	U	-

Appendix H, continued

Analytical Results for all Constituents in Groundwater

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Depth (FT)	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
PD001HP010	PD001HP010-A-W02	N	07/07/05	44 - 49	SW8260B	1,2,4-TRICHLOROBENZENE	< 0.2	UG/L	0.2	ND	U	-
PD001HP010	PD001HP010-A-W01	N	07/07/05	5 - 10	SW8260B	1,2,4-TRICHLOROBENZENE	< 0.2	UG/L	0.2	ND	U	-
PD001HP011	PD001HP011-A-W01	N	07/07/05	0 - 5	SW8260B	1,2,4-TRICHLOROBENZENE	< 0.2	UG/L	0.2	ND	U	-
PD001HP011	PD001HP011-A-W02	N	07/07/05	105 - 110	SW8260B	1,2,4-TRICHLOROBENZENE	< 0.2	UG/L	0.2	ND	U	-
PD001HP012	PD001HP012-A-W01	N	07/11/05	0 - 5	SW8260B	1,2,4-TRICHLOROBENZENE	< 0.2	UG/L	0.2	ND	U	-
PD001HP012	PD001HP012-A-W02	N	07/11/05	50 - 55	SW8260B	1,2,4-TRICHLOROBENZENE	< 0.2	UG/L	0.2	ND	U	-
PD001HP013	PD001HP013-A-W02	N	07/07/05	103 - 108	SW8260B	1,2,4-TRICHLOROBENZENE	< 0.2	UG/L	0.2	ND	U	-
PD001HP013	PD001HP013-A-W01	N	07/07/05	0 - 5	SW8260B	1,2,4-TRICHLOROBENZENE	< 0.2	UG/L	0.2	ND	U	-
PD001HP007	PD001HP007-A-W01	N	07/08/05	0 - 5	SW8260B	1,2,4-TRIMETHYLBENZENE	< 0.14	UG/L	0.14	ND	U	-
PD001HP007	PD001HP007-A-W02	N	07/08/05	103 - 108	SW8260B	1,2,4-TRIMETHYLBENZENE	< 0.14	UG/L	0.14	ND	U	-
PD001HP008	PD001HP008-A-W01	N	07/11/05	5 - 10	SW8260B	1,2,4-TRIMETHYLBENZENE	< 0.14	UG/L	0.14	ND	U	-
PD001HP009	PD001HP009-A-W02	N	07/08/05	105 - 110	SW8260B	1,2,4-TRIMETHYLBENZENE	< 0.14	UG/L	0.14	ND	U	-
PD001HP009	PD001HP009-A-W01	N	07/08/05	0 - 5	SW8260B	1,2,4-TRIMETHYLBENZENE	< 0.14	UG/L	0.14	ND	U	-
PD001HP010	PD001HP010-A-W02	N	07/07/05	44 - 49	SW8260B	1,2,4-TRIMETHYLBENZENE	< 0.14	UG/L	0.14	ND	U	-
PD001HP010	PD001HP010-A-W01	N	07/07/05	5 - 10	SW8260B	1,2,4-TRIMETHYLBENZENE	< 0.14	UG/L	0.14	ND	U	-
PD001HP011	PD001HP011-A-W01	N	07/07/05	0 - 5	SW8260B	1,2,4-TRIMETHYLBENZENE	< 0.14	UG/L	0.14	ND	U	-
PD001HP011	PD001HP011-A-W02	N	07/07/05	105 - 110	SW8260B	1,2,4-TRIMETHYLBENZENE	< 0.14	UG/L	0.14	ND	U	-
PD001HP012	PD001HP012-A-W01	N	07/11/05	0 - 5	SW8260B	1,2,4-TRIMETHYLBENZENE	5.2	UG/L	0.14	=	-	-
PD001HP012	PD001HP012-A-W02	N	07/11/05	50 - 55	SW8260B	1,2,4-TRIMETHYLBENZENE	< 0.14	UG/L	0.14	ND	U	-
PD001HP013	PD001HP013-A-W02	N	07/07/05	103 - 108	SW8260B	1,2,4-TRIMETHYLBENZENE	< 0.14	UG/L	0.14	ND	U	-
PD001HP013	PD001HP013-A-W01	N	07/07/05	0 - 5	SW8260B	1,2,4-TRIMETHYLBENZENE	< 0.14	UG/L	0.14	ND	U	-
PD001HP007	PD001HP007-A-W01	N	07/08/05	0 - 5	SW8260B	1,2-DIBROMO-3-CHLOROPROPANE	< 0.5	UG/L	0.5	ND	U	-
PD001HP007	PD001HP007-A-W02	N	07/08/05	103 - 108	SW8260B	1,2-DIBROMO-3-CHLOROPROPANE	< 0.5	UG/L	0.5	ND	U	-
PD001HP008	PD001HP008-A-W01	N	07/11/05	5 - 10	SW8260B	1,2-DIBROMO-3-CHLOROPROPANE	< 0.5	UG/L	0.5	ND	U	-
PD001HP009	PD001HP009-A-W02	N	07/08/05	105 - 110	SW8260B	1,2-DIBROMO-3-CHLOROPROPANE	< 0.5	UG/L	0.5	ND	U	-
PD001HP009	PD001HP009-A-W01	N	07/08/05	0 - 5	SW8260B	1,2-DIBROMO-3-CHLOROPROPANE	< 0.5	UG/L	0.5	ND	U	-
PD001HP010	PD001HP010-A-W02	N	07/07/05	44 - 49	SW8260B	1,2-DIBROMO-3-CHLOROPROPANE	< 0.5	UG/L	0.5	ND	U	-

Appendix H, continued

Analytical Results for all Constituents in Groundwater

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Depth (FT)	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
PD001HP010	PD001HP010-A-W01	N	07/07/05	5 - 10	SW8260B	1,2-DIBROMO-3-CHLOROPROPANE	< 0.5	UG/L	0.5	ND	U	-
PD001HP011	PD001HP011-A-W01	N	07/07/05	0 - 5	SW8260B	1,2-DIBROMO-3-CHLOROPROPANE	< 0.5	UG/L	0.5	ND	U	-
PD001HP011	PD001HP011-A-W02	N	07/07/05	105 - 110	SW8260B	1,2-DIBROMO-3-CHLOROPROPANE	< 0.5	UG/L	0.5	ND	U	-
PD001HP012	PD001HP012-A-W01	N	07/11/05	0 - 5	SW8260B	1,2-DIBROMO-3-CHLOROPROPANE	< 0.5	UG/L	0.5	ND	U	-
PD001HP012	PD001HP012-A-W02	N	07/11/05	50 - 55	SW8260B	1,2-DIBROMO-3-CHLOROPROPANE	< 0.5	UG/L	0.5	ND	U	-
PD001HP013	PD001HP013-A-W02	N	07/07/05	103 - 108	SW8260B	1,2-DIBROMO-3-CHLOROPROPANE	< 0.5	UG/L	0.5	ND	U	-
PD001HP013	PD001HP013-A-W01	N	07/07/05	0 - 5	SW8260B	1,2-DIBROMO-3-CHLOROPROPANE	< 0.5	UG/L	0.5	ND	U	-
PD001HP007	PD001HP007-A-W01	N	07/08/05	0 - 5	SW8260B	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	< 0.16	UG/L	0.16	ND	U	-
PD001HP007	PD001HP007-A-W02	N	07/08/05	103 - 108	SW8260B	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	< 0.16	UG/L	0.16	ND	U	-
PD001HP008	PD001HP008-A-W01	N	07/11/05	5 - 10	SW8260B	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	< 0.16	UG/L	0.16	ND	U	-
PD001HP009	PD001HP009-A-W02	N	07/08/05	105 - 110	SW8260B	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	< 0.16	UG/L	0.16	ND	U	-
PD001HP009	PD001HP009-A-W01	N	07/08/05	0 - 5	SW8260B	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	< 0.16	UG/L	0.16	ND	U	-
PD001HP010	PD001HP010-A-W02	N	07/07/05	44 - 49	SW8260B	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	< 0.16	UG/L	0.16	ND	U	-
PD001HP010	PD001HP010-A-W01	N	07/07/05	5 - 10	SW8260B	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	< 0.16	UG/L	0.16	ND	U	-
PD001HP011	PD001HP011-A-W01	N	07/07/05	0 - 5	SW8260B	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	< 0.16	UG/L	0.16	ND	U	-
PD001HP011	PD001HP011-A-W02	N	07/07/05	105 - 110	SW8260B	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	< 0.16	UG/L	0.16	ND	U	-
PD001HP012	PD001HP012-A-W01	N	07/11/05	0 - 5	SW8260B	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	< 0.16	UG/L	0.16	ND	U	-
PD001HP012	PD001HP012-A-W02	N	07/11/05	50 - 55	SW8260B	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	< 0.16	UG/L	0.16	ND	U	-
PD001HP013	PD001HP013-A-W02	N	07/07/05	103 - 108	SW8260B	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	< 0.16	UG/L	0.16	ND	U	-
PD001HP013	PD001HP013-A-W01	N	07/07/05	0 - 5	SW8260B	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	< 0.16	UG/L	0.16	ND	U	-
PD001HP007	PD001HP007-A-W01	N	07/08/05	0 - 5	SW8260B	1,2-DICHLOROBENZENE	< 0.16	UG/L	0.16	ND	U	-
PD001HP007	PD001HP007-A-W02	N	07/08/05	103 - 108	SW8260B	1,2-DICHLOROBENZENE	< 0.16	UG/L	0.16	ND	U	-
PD001HP008	PD001HP008-A-W01	N	07/11/05	5 - 10	SW8260B	1,2-DICHLOROBENZENE	< 0.16	UG/L	0.16	ND	U	-
PD001HP009	PD001HP009-A-W02	N	07/08/05	105 - 110	SW8260B	1,2-DICHLOROBENZENE	< 0.16	UG/L	0.16	ND	U	-
PD001HP009	PD001HP009-A-W01	N	07/08/05	0 - 5	SW8260B	1,2-DICHLOROBENZENE	< 0.16	UG/L	0.16	ND	U	-
PD001HP010	PD001HP010-A-W02	N	07/07/05	44 - 49	SW8260B	1,2-DICHLOROBENZENE	< 0.16	UG/L	0.16	ND	U	-
PD001HP010	PD001HP010-A-W01	N	07/07/05	5 - 10	SW8260B	1,2-DICHLOROBENZENE	< 0.16	UG/L	0.16	ND	U	-

Appendix H, continued

Analytical Results for all Constituents in Groundwater

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Depth (FT)	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
PD001HP011	PD001HP011-A-W01	N	07/07/05	0 - 5	SW8260B	1,2-DICHLOROBENZENE	< 0.16	UG/L	0.16	ND	U	-
PD001HP011	PD001HP011-A-W02	N	07/07/05	105 - 110	SW8260B	1,2-DICHLOROBENZENE	< 0.16	UG/L	0.16	ND	U	-
PD001HP012	PD001HP012-A-W01	N	07/11/05	0 - 5	SW8260B	1,2-DICHLOROBENZENE	< 0.16	UG/L	0.16	ND	U	-
PD001HP012	PD001HP012-A-W02	N	07/11/05	50 - 55	SW8260B	1,2-DICHLOROBENZENE	< 0.16	UG/L	0.16	ND	U	-
PD001HP013	PD001HP013-A-W02	N	07/07/05	103 - 108	SW8260B	1,2-DICHLOROBENZENE	< 0.16	UG/L	0.16	ND	U	-
PD001HP013	PD001HP013-A-W01	N	07/07/05	0 - 5	SW8260B	1,2-DICHLOROBENZENE	< 0.16	UG/L	0.16	ND	U	-
PD001HP007	PD001HP007-A-W01	N	07/08/05	0 - 5	SW8260B	1,2-DICHLOROETHANE	< 0.17	UG/L	0.17	ND	U	-
PD001HP007	PD001HP007-A-W02	N	07/08/05	103 - 108	SW8260B	1,2-DICHLOROETHANE	< 0.17	UG/L	0.17	ND	U	-
PD001HP008	PD001HP008-A-W01	N	07/11/05	5 - 10	SW8260B	1,2-DICHLOROETHANE	< 0.17	UG/L	0.17	ND	U	-
PD001HP009	PD001HP009-A-W02	N	07/08/05	105 - 110	SW8260B	1,2-DICHLOROETHANE	< 0.17	UG/L	0.17	ND	U	-
PD001HP009	PD001HP009-A-W01	N	07/08/05	0 - 5	SW8260B	1,2-DICHLOROETHANE	< 0.17	UG/L	0.17	ND	U	-
PD001HP010	PD001HP010-A-W02	N	07/07/05	44 - 49	SW8260B	1,2-DICHLOROETHANE	< 0.17	UG/L	0.17	ND	U	-
PD001HP010	PD001HP010-A-W01	N	07/07/05	5 - 10	SW8260B	1,2-DICHLOROETHANE	< 0.17	UG/L	0.17	ND	U	-
PD001HP011	PD001HP011-A-W01	N	07/07/05	0 - 5	SW8260B	1,2-DICHLOROETHANE	< 0.17	UG/L	0.17	ND	U	-
PD001HP011	PD001HP011-A-W02	N	07/07/05	105 - 110	SW8260B	1,2-DICHLOROETHANE	< 0.17	UG/L	0.17	ND	U	-
PD001HP012	PD001HP012-A-W01	N	07/11/05	0 - 5	SW8260B	1,2-DICHLOROETHANE	< 0.17	UG/L	0.17	ND	U	-
PD001HP012	PD001HP012-A-W02	N	07/11/05	50 - 55	SW8260B	1,2-DICHLOROETHANE	< 0.17	UG/L	0.17	ND	U	-
PD001HP013	PD001HP013-A-W02	N	07/07/05	103 - 108	SW8260B	1,2-DICHLOROETHANE	< 0.17	UG/L	0.17	ND	U	-
PD001HP013	PD001HP013-A-W01	N	07/07/05	0 - 5	SW8260B	1,2-DICHLOROETHANE	< 0.17	UG/L	0.17	ND	U	-
PD001HP007	PD001HP007-A-W01	N	07/08/05	0 - 5	SW8260B	1,2-DICHLOROPROPANE	< 0.17	UG/L	0.17	ND	U	-
PD001HP007	PD001HP007-A-W02	N	07/08/05	103 - 108	SW8260B	1,2-DICHLOROPROPANE	< 0.17	UG/L	0.17	ND	U	-
PD001HP008	PD001HP008-A-W01	N	07/11/05	5 - 10	SW8260B	1,2-DICHLOROPROPANE	< 0.17	UG/L	0.17	ND	U	-
PD001HP009	PD001HP009-A-W02	N	07/08/05	105 - 110	SW8260B	1,2-DICHLOROPROPANE	< 0.17	UG/L	0.17	ND	U	-
PD001HP009	PD001HP009-A-W01	N	07/08/05	0 - 5	SW8260B	1,2-DICHLOROPROPANE	< 0.17	UG/L	0.17	ND	U	-
PD001HP010	PD001HP010-A-W02	N	07/07/05	44 - 49	SW8260B	1,2-DICHLOROPROPANE	< 0.17	UG/L	0.17	ND	U	-
PD001HP010	PD001HP010-A-W01	N	07/07/05	5 - 10	SW8260B	1,2-DICHLOROPROPANE	< 0.17	UG/L	0.17	ND	U	-
PD001HP011	PD001HP011-A-W01	N	07/07/05	0 - 5	SW8260B	1,2-DICHLOROPROPANE	< 0.17	UG/L	0.17	ND	U	-

Appendix H, continued

Analytical Results for all Constituents in Groundwater

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Depth (FT)	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
PD001HP011	PD001HP011-A-W02	N	07/07/05	105 - 110	SW8260B	1,2-DICHLOROPROPANE	< 0.17	UG/L	0.17	ND	U	-
PD001HP012	PD001HP012-A-W01	N	07/11/05	0 - 5	SW8260B	1,2-DICHLOROPROPANE	< 0.17	UG/L	0.17	ND	U	-
PD001HP012	PD001HP012-A-W02	N	07/11/05	50 - 55	SW8260B	1,2-DICHLOROPROPANE	< 0.17	UG/L	0.17	ND	U	-
PD001HP013	PD001HP013-A-W02	N	07/07/05	103 - 108	SW8260B	1,2-DICHLOROPROPANE	< 0.17	UG/L	0.17	ND	U	-
PD001HP013	PD001HP013-A-W01	N	07/07/05	0 - 5	SW8260B	1,2-DICHLOROPROPANE	< 0.17	UG/L	0.17	ND	U	-
PD001HP007	PD001HP007-A-W01	N	07/08/05	0 - 5	SW8260B	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	< 0.15	UG/L	0.15	ND	U	-
PD001HP007	PD001HP007-A-W02	N	07/08/05	103 - 108	SW8260B	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	< 0.15	UG/L	0.15	ND	U	-
PD001HP008	PD001HP008-A-W01	N	07/11/05	5 - 10	SW8260B	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	< 0.15	UG/L	0.15	ND	U	-
PD001HP009	PD001HP009-A-W02	N	07/08/05	105 - 110	SW8260B	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	< 0.15	UG/L	0.15	ND	U	-
PD001HP009	PD001HP009-A-W01	N	07/08/05	0 - 5	SW8260B	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	< 0.15	UG/L	0.15	ND	U	-
PD001HP010	PD001HP010-A-W02	N	07/07/05	44 - 49	SW8260B	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	< 0.15	UG/L	0.15	ND	U	-
PD001HP010	PD001HP010-A-W01	N	07/07/05	5 - 10	SW8260B	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	< 0.15	UG/L	0.15	ND	U	-
PD001HP011	PD001HP011-A-W01	N	07/07/05	0 - 5	SW8260B	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	< 0.15	UG/L	0.15	ND	U	-
PD001HP011	PD001HP011-A-W02	N	07/07/05	105 - 110	SW8260B	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	< 0.15	UG/L	0.15	ND	U	-
PD001HP012	PD001HP012-A-W01	N	07/11/05	0 - 5	SW8260B	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	**3.6**	UG/L	0.15	=	-	-
PD001HP012	PD001HP012-A-W02	N	07/11/05	50 - 55	SW8260B	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	< 0.15	UG/L	0.15	ND	U	-
PD001HP013	PD001HP013-A-W02	N	07/07/05	103 - 108	SW8260B	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	< 0.15	UG/L	0.15	ND	U	-
PD001HP013	PD001HP013-A-W01	N	07/07/05	0 - 5	SW8260B	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	< 0.15	UG/L	0.15	ND	U	-
PD001HP007	PD001HP007-A-W01	N	07/08/05	0 - 5	SW8260B	1,3-DICHLOROBENZENE	< 0.17	UG/L	0.17	ND	U	-
PD001HP007	PD001HP007-A-W02	N	07/08/05	103 - 108	SW8260B	1,3-DICHLOROBENZENE	< 0.17	UG/L	0.17	ND	U	-
PD001HP008	PD001HP008-A-W01	N	07/11/05	5 - 10	SW8260B	1,3-DICHLOROBENZENE	< 0.17	UG/L	0.17	ND	U	-
PD001HP009	PD001HP009-A-W02	N	07/08/05	105 - 110	SW8260B	1,3-DICHLOROBENZENE	< 0.17	UG/L	0.17	ND	U	-
PD001HP009	PD001HP009-A-W01	N	07/08/05	0 - 5	SW8260B	1,3-DICHLOROBENZENE	< 0.17	UG/L	0.17	ND	U	-
PD001HP010	PD001HP010-A-W02	N	07/07/05	44 - 49	SW8260B	1,3-DICHLOROBENZENE	< 0.17	UG/L	0.17	ND	U	-
PD001HP010	PD001HP010-A-W01	N	07/07/05	5 - 10	SW8260B	1,3-DICHLOROBENZENE	< 0.17	UG/L	0.17	ND	U	-
PD001HP011	PD001HP011-A-W01	N	07/07/05	0 - 5	SW8260B	1,3-DICHLOROBENZENE	< 0.17	UG/L	0.17	ND	U	-
PD001HP011	PD001HP011-A-W02	N	07/07/05	105 - 110	SW8260B	1,3-DICHLOROBENZENE	< 0.17	UG/L	0.17	ND	U	-

Appendix H, continued

Analytical Results for all Constituents in Groundwater

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Depth (FT)	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
PD001HP012	PD001HP012-A-W01	N	07/11/05	0 - 5	SW8260B	1,3-DICHLOROBENZENE	< 0.17	UG/L	0.17	ND	U	-
PD001HP012	PD001HP012-A-W02	N	07/11/05	50 - 55	SW8260B	1,3-DICHLOROBENZENE	< 0.17	UG/L	0.17	ND	U	-
PD001HP013	PD001HP013-A-W02	N	07/07/05	103 - 108	SW8260B	1,3-DICHLOROBENZENE	< 0.17	UG/L	0.17	ND	U	-
PD001HP013	PD001HP013-A-W01	N	07/07/05	0 - 5	SW8260B	1,3-DICHLOROBENZENE	< 0.17	UG/L	0.17	ND	U	-
PD001HP007	PD001HP007-A-W01	N	07/08/05	0 - 5	SW8260B	1,3-DICHLOROPROPANE	< 0.16	UG/L	0.16	ND	U	-
PD001HP007	PD001HP007-A-W02	N	07/08/05	103 - 108	SW8260B	1,3-DICHLOROPROPANE	< 0.16	UG/L	0.16	ND	U	-
PD001HP008	PD001HP008-A-W01	N	07/11/05	5 - 10	SW8260B	1,3-DICHLOROPROPANE	< 0.16	UG/L	0.16	ND	U	-
PD001HP009	PD001HP009-A-W02	N	07/08/05	105 - 110	SW8260B	1,3-DICHLOROPROPANE	< 0.16	UG/L	0.16	ND	U	-
PD001HP009	PD001HP009-A-W01	N	07/08/05	0 - 5	SW8260B	1,3-DICHLOROPROPANE	< 0.16	UG/L	0.16	ND	U	-
PD001HP010	PD001HP010-A-W02	N	07/07/05	44 - 49	SW8260B	1,3-DICHLOROPROPANE	< 0.16	UG/L	0.16	ND	U	-
PD001HP010	PD001HP010-A-W01	N	07/07/05	5 - 10	SW8260B	1,3-DICHLOROPROPANE	< 0.16	UG/L	0.16	ND	U	-
PD001HP011	PD001HP011-A-W01	N	07/07/05	0 - 5	SW8260B	1,3-DICHLOROPROPANE	< 0.16	UG/L	0.16	ND	U	-
PD001HP011	PD001HP011-A-W02	N	07/07/05	105 - 110	SW8260B	1,3-DICHLOROPROPANE	< 0.16	UG/L	0.16	ND	U	-
PD001HP012	PD001HP012-A-W01	N	07/11/05	0 - 5	SW8260B	1,3-DICHLOROPROPANE	< 0.16	UG/L	0.16	ND	U	-
PD001HP012	PD001HP012-A-W02	N	07/11/05	50 - 55	SW8260B	1,3-DICHLOROPROPANE	< 0.16	UG/L	0.16	ND	U	-
PD001HP013	PD001HP013-A-W02	N	07/07/05	103 - 108	SW8260B	1,3-DICHLOROPROPANE	< 0.16	UG/L	0.16	ND	U	-
PD001HP013	PD001HP013-A-W01	N	07/07/05	0 - 5	SW8260B	1,3-DICHLOROPROPANE	< 0.16	UG/L	0.16	ND	U	-
PD001HP007	PD001HP007-A-W01	N	07/08/05	0 - 5	SW8260B	1,4-DICHLOROBENZENE	< 0.14	UG/L	0.14	ND	U	-
PD001HP007	PD001HP007-A-W02	N	07/08/05	103 - 108	SW8260B	1,4-DICHLOROBENZENE	< 0.14	UG/L	0.14	ND	U	-
PD001HP008	PD001HP008-A-W01	N	07/11/05	5 - 10	SW8260B	1,4-DICHLOROBENZENE	**0.41**	UG/L	0.14	TR	J	T
PD001HP009	PD001HP009-A-W02	N	07/08/05	105 - 110	SW8260B	1,4-DICHLOROBENZENE	< 0.14	UG/L	0.14	ND	U	-
PD001HP009	PD001HP009-A-W01	N	07/08/05	0 - 5	SW8260B	1,4-DICHLOROBENZENE	< 0.14	UG/L	0.14	ND	U	-
PD001HP010	PD001HP010-A-W02	N	07/07/05	44 - 49	SW8260B	1,4-DICHLOROBENZENE	< 0.14	UG/L	0.14	ND	U	-
PD001HP010	PD001HP010-A-W01	N	07/07/05	5 - 10	SW8260B	1,4-DICHLOROBENZENE	**0.16**	UG/L	0.14	TR	J	T
PD001HP011	PD001HP011-A-W01	N	07/07/05	0 - 5	SW8260B	1,4-DICHLOROBENZENE	< 0.14	UG/L	0.14	ND	U	-
PD001HP011	PD001HP011-A-W02	N	07/07/05	105 - 110	SW8260B	1,4-DICHLOROBENZENE	< 0.14	UG/L	0.14	ND	U	-
PD001HP012	PD001HP012-A-W01	N	07/11/05	0 - 5	SW8260B	1,4-DICHLOROBENZENE	< 0.14	UG/L	0.14	ND	U	-

Appendix H, continued

Analytical Results for all Constituents in Groundwater

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Depth (FT)	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
PD001HP012	PD001HP012-A-W02	N	07/11/05	50 - 55	SW8260B	1,4-DICHLOROBENZENE	< 0.14	UG/L	0.14	ND	U	-
PD001HP013	PD001HP013-A-W02	N	07/07/05	103 - 108	SW8260B	1,4-DICHLOROBENZENE	< 0.14	UG/L	0.14	ND	U	-
PD001HP013	PD001HP013-A-W01	N	07/07/05	0 - 5	SW8260B	1,4-DICHLOROBENZENE	< 0.14	UG/L	0.14	ND	U	-
PD001HP012	PD001HP012-A-W01	N	07/11/05	0 - 5	SW8260B	1-ETHYL-4-METHYL-BENZENE	20	UG/L	0	TI	J	A
PD001HP007	PD001HP007-A-W01	N	07/08/05	0 - 5	SW8260B	2,2-DICHLOROPROPANE	< 0.18	UG/L	0.18	ND	U	-
PD001HP007	PD001HP007-A-W02	N	07/08/05	103 - 108	SW8260B	2,2-DICHLOROPROPANE	< 0.18	UG/L	0.18	ND	U	-
PD001HP008	PD001HP008-A-W01	N	07/11/05	5 - 10	SW8260B	2,2-DICHLOROPROPANE	< 0.18	UG/L	0.18	ND	U	-
PD001HP009	PD001HP009-A-W02	N	07/08/05	105 - 110	SW8260B	2,2-DICHLOROPROPANE	< 0.18	UG/L	0.18	ND	U	-
PD001HP009	PD001HP009-A-W01	N	07/08/05	0 - 5	SW8260B	2,2-DICHLOROPROPANE	< 0.18	UG/L	0.18	ND	U	-
PD001HP010	PD001HP010-A-W02	N	07/07/05	44 - 49	SW8260B	2,2-DICHLOROPROPANE	< 0.18	UG/L	0.18	ND	U	-
PD001HP010	PD001HP010-A-W01	N	07/07/05	5 - 10	SW8260B	2,2-DICHLOROPROPANE	< 0.18	UG/L	0.18	ND	U	-
PD001HP011	PD001HP011-A-W01	N	07/07/05	0 - 5	SW8260B	2,2-DICHLOROPROPANE	< 0.18	UG/L	0.18	ND	U	-
PD001HP011	PD001HP011-A-W02	N	07/07/05	105 - 110	SW8260B	2,2-DICHLOROPROPANE	< 0.18	UG/L	0.18	ND	U	-
PD001HP012	PD001HP012-A-W01	N	07/11/05	0 - 5	SW8260B	2,2-DICHLOROPROPANE	< 0.18	UG/L	0.18	ND	U	-
PD001HP012	PD001HP012-A-W02	N	07/11/05	50 - 55	SW8260B	2,2-DICHLOROPROPANE	< 0.18	UG/L	0.18	ND	U	-
PD001HP013	PD001HP013-A-W02	N	07/07/05	103 - 108	SW8260B	2,2-DICHLOROPROPANE	< 0.18	UG/L	0.18	ND	U	-
PD001HP013	PD001HP013-A-W01	N	07/07/05	0 - 5	SW8260B	2,2-DICHLOROPROPANE	< 0.18	UG/L	0.18	ND	U	-
PD001HP007	PD001HP007-A-W01	N	07/08/05	0 - 5	SW8260B	2-CHLOROTOLUENE	< 0.19	UG/L	0.19	ND	U	-
PD001HP007	PD001HP007-A-W02	N	07/08/05	103 - 108	SW8260B	2-CHLOROTOLUENE	< 0.19	UG/L	0.19	ND	U	-
PD001HP008	PD001HP008-A-W01	N	07/11/05	5 - 10	SW8260B	2-CHLOROTOLUENE	< 0.19	UG/L	0.19	ND	U	-
PD001HP009	PD001HP009-A-W02	N	07/08/05	105 - 110	SW8260B	2-CHLOROTOLUENE	< 0.19	UG/L	0.19	ND	U	-
PD001HP009	PD001HP009-A-W01	N	07/08/05	0 - 5	SW8260B	2-CHLOROTOLUENE	< 0.19	UG/L	0.19	ND	U	-
PD001HP010	PD001HP010-A-W02	N	07/07/05	44 - 49	SW8260B	2-CHLOROTOLUENE	< 0.19	UG/L	0.19	ND	U	-
PD001HP010	PD001HP010-A-W01	N	07/07/05	5 - 10	SW8260B	2-CHLOROTOLUENE	< 0.19	UG/L	0.19	ND	U	-
PD001HP011	PD001HP011-A-W01	N	07/07/05	0 - 5	SW8260B	2-CHLOROTOLUENE	< 0.19	UG/L	0.19	ND	U	-
PD001HP011	PD001HP011-A-W02	N	07/07/05	105 - 110	SW8260B	2-CHLOROTOLUENE	< 0.19	UG/L	0.19	ND	U	-
PD001HP012	PD001HP012-A-W01	N	07/11/05	0 - 5	SW8260B	2-CHLOROTOLUENE	< 0.19	UG/L	0.19	ND	U	-

Appendix H, continued

Analytical Results for all Constituents in Groundwater

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Depth (FT)	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
PD001HP012	PD001HP012-A-W02	N	07/11/05	50 - 55	SW8260B	2-CHLOROTOLUENE	< 0.19	UG/L	0.19	ND	U	-
PD001HP013	PD001HP013-A-W02	N	07/07/05	103 - 108	SW8260B	2-CHLOROTOLUENE	< 0.19	UG/L	0.19	ND	U	-
PD001HP013	PD001HP013-A-W01	N	07/07/05	0 - 5	SW8260B	2-CHLOROTOLUENE	< 0.19	UG/L	0.19	ND	U	-
PD001HP007	PD001HP007-A-W01	N	07/08/05	0 - 5	SW8260B	2-HEXANONE	< 1	UG/L	1	ND	U	-
PD001HP007	PD001HP007-A-W02	N	07/08/05	103 - 108	SW8260B	2-HEXANONE	< 1	UG/L	1	ND	U	-
PD001HP008	PD001HP008-A-W01	N	07/11/05	5 - 10	SW8260B	2-HEXANONE	< 1	UG/L	1	ND	U	-
PD001HP009	PD001HP009-A-W02	N	07/08/05	105 - 110	SW8260B	2-HEXANONE	< 1	UG/L	1	ND	U	-
PD001HP009	PD001HP009-A-W01	N	07/08/05	0 - 5	SW8260B	2-HEXANONE	< 1	UG/L	1	ND	U	-
PD001HP010	PD001HP010-A-W02	N	07/07/05	44 - 49	SW8260B	2-HEXANONE	< 1	UG/L	1	ND	U	-
PD001HP010	PD001HP010-A-W01	N	07/07/05	5 - 10	SW8260B	2-HEXANONE	< 1	UG/L	1	ND	U	-
PD001HP011	PD001HP011-A-W01	N	07/07/05	0 - 5	SW8260B	2-HEXANONE	< 1	UG/L	1	ND	U	-
PD001HP011	PD001HP011-A-W02	N	07/07/05	105 - 110	SW8260B	2-HEXANONE	< 1	UG/L	1	ND	U	-
PD001HP012	PD001HP012-A-W01	N	07/11/05	0 - 5	SW8260B	2-HEXANONE	< 1	UG/L	1	ND	U	-
PD001HP012	PD001HP012-A-W02	N	07/11/05	50 - 55	SW8260B	2-HEXANONE	< 1	UG/L	1	ND	U	-
PD001HP013	PD001HP013-A-W02	N	07/07/05	103 - 108	SW8260B	2-HEXANONE	< 1	UG/L	1	ND	U	-
PD001HP013	PD001HP013-A-W01	N	07/07/05	0 - 5	SW8260B	2-HEXANONE	< 1	UG/L	1	ND	U	-
PD001HP007	PD001HP007-A-W01	N	07/08/05	0 - 5	SW8260B	2-METHYLBUTANE	**4.9**	UG/L	0	TI	J	A
PD001HP007	PD001HP007-A-W01	N	07/08/05	0 - 5	SW8260B	2-METHYLPENTANE	**2**	UG/L	0	TI	J	A
PD001HP007	PD001HP007-A-W01	N	07/08/05	0 - 5	SW8260B	3-METHYLPENTANE	**2.1**	UG/L	0	TI	J	A
PD001HP007	PD001HP007-A-W01	N	07/08/05	0 - 5	SW8260B	4-CHLOROTOLUENE	< 0.18	UG/L	0.18	ND	U	-
PD001HP007	PD001HP007-A-W02	N	07/08/05	103 - 108	SW8260B	4-CHLOROTOLUENE	< 0.18	UG/L	0.18	ND	U	-
PD001HP008	PD001HP008-A-W01	N	07/11/05	5 - 10	SW8260B	4-CHLOROTOLUENE	< 0.18	UG/L	0.18	ND	U	-
PD001HP009	PD001HP009-A-W02	N	07/08/05	105 - 110	SW8260B	4-CHLOROTOLUENE	< 0.18	UG/L	0.18	ND	U	-
PD001HP009	PD001HP009-A-W01	N	07/08/05	0 - 5	SW8260B	4-CHLOROTOLUENE	< 0.18	UG/L	0.18	ND	U	-
PD001HP010	PD001HP010-A-W02	N	07/07/05	44 - 49	SW8260B	4-CHLOROTOLUENE	< 0.18	UG/L	0.18	ND	U	-
PD001HP010	PD001HP010-A-W01	N	07/07/05	5 - 10	SW8260B	4-CHLOROTOLUENE	< 0.18	UG/L	0.18	ND	U	-
PD001HP011	PD001HP011-A-W01	N	07/07/05	0 - 5	SW8260B	4-CHLOROTOLUENE	< 0.18	UG/L	0.18	ND	U	-

Appendix H, continued

Analytical Results for all Constituents in Groundwater

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Depth (FT)	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
PD001HP011	PD001HP011-A-W02	N	07/07/05	105 - 110	SW8260B	4-CHLOROTOLUENE	< 0.18	UG/L	0.18	ND	U	-
PD001HP012	PD001HP012-A-W01	N	07/11/05	0 - 5	SW8260B	4-CHLOROTOLUENE	< 0.18	UG/L	0.18	ND	U	-
PD001HP012	PD001HP012-A-W02	N	07/11/05	50 - 55	SW8260B	4-CHLOROTOLUENE	< 0.18	UG/L	0.18	ND	U	-
PD001HP013	PD001HP013-A-W02	N	07/07/05	103 - 108	SW8260B	4-CHLOROTOLUENE	< 0.18	UG/L	0.18	ND	U	-
PD001HP013	PD001HP013-A-W01	N	07/07/05	0 - 5	SW8260B	4-CHLOROTOLUENE	< 0.18	UG/L	0.18	ND	U	-
PD001HP007	PD001HP007-A-W01	N	07/08/05	0 - 5	SW8260B	ACETONE	3.5	UG/L	1.9	TR	J	T
PD001HP007	PD001HP007-A-W02	N	07/08/05	103 - 108	SW8260B	ACETONE	< 1.9	UG/L	1.9	ND	U	-
PD001HP008	PD001HP008-A-W01	N	07/11/05	5 - 10	SW8260B	ACETONE	4.7	UG/L	1.9	TR	J	T
PD001HP009	PD001HP009-A-W02	N	07/08/05	105 - 110	SW8260B	ACETONE	< 1.9	UG/L	1.9	ND	U	-
PD001HP009	PD001HP009-A-W01	N	07/08/05	0 - 5	SW8260B	ACETONE	9.6	UG/L	1.9	TR	J	T
PD001HP010	PD001HP010-A-W02	N	07/07/05	44 - 49	SW8260B	ACETONE	< 1.9	UG/L	1.9	ND	U	-
PD001HP010	PD001HP010-A-W01	N	07/07/05	5 - 10	SW8260B	ACETONE	4.6	UG/L	1.9	TR	J	T
PD001HP011	PD001HP011-A-W01	N	07/07/05	0 - 5	SW8260B	ACETONE	12	UG/L	1.9	=	-	-
PD001HP011	PD001HP011-A-W02	N	07/07/05	105 - 110	SW8260B	ACETONE	3.7	UG/L	1.9	TR	J	T
PD001HP012	PD001HP012-A-W01	N	07/11/05	0 - 5	SW8260B	ACETONE	6.6	UG/L	1.9	TR	J	T
PD001HP012	PD001HP012-A-W02	N	07/11/05	50 - 55	SW8260B	ACETONE	< 1.9	UG/L	1.9	ND	U	-
PD001HP013	PD001HP013-A-W02	N	07/07/05	103 - 108	SW8260B	ACETONE	< 1.9	UG/L	1.9	ND	U	-
PD001HP013	PD001HP013-A-W01	N	07/07/05	0 - 5	SW8260B	ACETONE	6.2	UG/L	1.9	TR	J	T
PD001HP007	PD001HP007-A-W01	N	07/08/05	0 - 5	SW8260B	BENZENE	7.4	UG/L	0.18	=	-	-
PD001HP007	PD001HP007-A-W02	N	07/08/05	103 - 108	SW8260B	BENZENE	< 0.18	UG/L	0.18	ND	U	-
PD001HP008	PD001HP008-A-W01	N	07/11/05	5 - 10	SW8260B	BENZENE	< 0.18	UG/L	0.18	ND	U	-
PD001HP009	PD001HP009-A-W02	N	07/08/05	105 - 110	SW8260B	BENZENE	< 0.18	UG/L	0.18	ND	U	-
PD001HP009	PD001HP009-A-W01	N	07/08/05	0 - 5	SW8260B	BENZENE	< 0.18	UG/L	0.18	ND	U	-
PD001HP010	PD001HP010-A-W02	N	07/07/05	44 - 49	SW8260B	BENZENE	< 0.18	UG/L	0.18	ND	U	-
PD001HP010	PD001HP010-A-W01	N	07/07/05	5 - 10	SW8260B	BENZENE	< 0.18	UG/L	0.18	ND	U	-
PD001HP011	PD001HP011-A-W01	N	07/07/05	0 - 5	SW8260B	BENZENE	0.96	UG/L	0.18	=	-	-
PD001HP011	PD001HP011-A-W02	N	07/07/05	105 - 110	SW8260B	BENZENE	< 0.18	UG/L	0.18	ND	U	-

Appendix H, continued

Analytical Results for all Constituents in Groundwater

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Depth (FT)	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
PD001HP012	PD001HP012-A-W01	N	07/11/05	0 - 5	SW8260B	BENZENE	0.8	UG/L	0.18	=	-	-
PD001HP012	PD001HP012-A-W02	N	07/11/05	50 - 55	SW8260B	BENZENE	< 0.18	UG/L	0.18	ND	U	-
PD001HP013	PD001HP013-A-W02	N	07/07/05	103 - 108	SW8260B	BENZENE	< 0.18	UG/L	0.18	ND	U	-
PD001HP013	PD001HP013-A-W01	N	07/07/05	0 - 5	SW8260B	BENZENE	< 0.18	UG/L	0.18	ND	U	-
PD001HP007	PD001HP007-A-W01	N	07/08/05	0 - 5	SW8260B	BROMOBENZENE	< 0.16	UG/L	0.16	ND	U	-
PD001HP007	PD001HP007-A-W02	N	07/08/05	103 - 108	SW8260B	BROMOBENZENE	< 0.16	UG/L	0.16	ND	U	-
PD001HP008	PD001HP008-A-W01	N	07/11/05	5 - 10	SW8260B	BROMOBENZENE	< 0.16	UG/L	0.16	ND	U	-
PD001HP009	PD001HP009-A-W02	N	07/08/05	105 - 110	SW8260B	BROMOBENZENE	< 0.16	UG/L	0.16	ND	U	-
PD001HP009	PD001HP009-A-W01	N	07/08/05	0 - 5	SW8260B	BROMOBENZENE	< 0.16	UG/L	0.16	ND	U	-
PD001HP010	PD001HP010-A-W02	N	07/07/05	44 - 49	SW8260B	BROMOBENZENE	< 0.16	UG/L	0.16	ND	U	-
PD001HP010	PD001HP010-A-W01	N	07/07/05	5 - 10	SW8260B	BROMOBENZENE	< 0.16	UG/L	0.16	ND	U	-
PD001HP011	PD001HP011-A-W01	N	07/07/05	0 - 5	SW8260B	BROMOBENZENE	< 0.16	UG/L	0.16	ND	U	-
PD001HP011	PD001HP011-A-W02	N	07/07/05	105 - 110	SW8260B	BROMOBENZENE	< 0.16	UG/L	0.16	ND	U	-
PD001HP012	PD001HP012-A-W01	N	07/11/05	0 - 5	SW8260B	BROMOBENZENE	< 0.16	UG/L	0.16	ND	U	-
PD001HP012	PD001HP012-A-W02	N	07/11/05	50 - 55	SW8260B	BROMOBENZENE	< 0.16	UG/L	0.16	ND	U	-
PD001HP013	PD001HP013-A-W02	N	07/07/05	103 - 108	SW8260B	BROMOBENZENE	< 0.16	UG/L	0.16	ND	U	-
PD001HP013	PD001HP013-A-W01	N	07/07/05	0 - 5	SW8260B	BROMOBENZENE	< 0.16	UG/L	0.16	ND	U	-
PD001HP007	PD001HP007-A-W01	N	07/08/05	0 - 5	SW8260B	BROMOCHLOROMETHANE	< 0.14	UG/L	0.14	ND	U	-
PD001HP007	PD001HP007-A-W02	N	07/08/05	103 - 108	SW8260B	BROMOCHLOROMETHANE	< 0.14	UG/L	0.14	ND	U	-
PD001HP008	PD001HP008-A-W01	N	07/11/05	5 - 10	SW8260B	BROMOCHLOROMETHANE	< 0.14	UG/L	0.14	ND	U	-
PD001HP009	PD001HP009-A-W02	N	07/08/05	105 - 110	SW8260B	BROMOCHLOROMETHANE	< 0.14	UG/L	0.14	ND	U	-
PD001HP009	PD001HP009-A-W01	N	07/08/05	0 - 5	SW8260B	BROMOCHLOROMETHANE	< 0.14	UG/L	0.14	ND	U	-
PD001HP010	PD001HP010-A-W02	N	07/07/05	44 - 49	SW8260B	BROMOCHLOROMETHANE	< 0.14	UG/L	0.14	ND	U	-
PD001HP010	PD001HP010-A-W01	N	07/07/05	5 - 10	SW8260B	BROMOCHLOROMETHANE	< 0.14	UG/L	0.14	ND	U	-
PD001HP011	PD001HP011-A-W01	N	07/07/05	0 - 5	SW8260B	BROMOCHLOROMETHANE	< 0.14	UG/L	0.14	ND	U	-
PD001HP011	PD001HP011-A-W02	N	07/07/05	105 - 110	SW8260B	BROMOCHLOROMETHANE	< 0.14	UG/L	0.14	ND	U	-
PD001HP012	PD001HP012-A-W01	N	07/11/05	0 - 5	SW8260B	BROMOCHLOROMETHANE	< 0.14	UG/L	0.14	ND	U	-

Appendix H, continued

Analytical Results for all Constituents in Groundwater

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Depth (FT)	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
PD001HP012	PD001HP012-A-W02	N	07/11/05	50 - 55	SW8260B	BROMOCHLOROMETHANE	< 0.14	UG/L	0.14	ND	U	-
PD001HP013	PD001HP013-A-W02	N	07/07/05	103 - 108	SW8260B	BROMOCHLOROMETHANE	< 0.14	UG/L	0.14	ND	U	-
PD001HP013	PD001HP013-A-W01	N	07/07/05	0 - 5	SW8260B	BROMOCHLOROMETHANE	< 0.14	UG/L	0.14	ND	U	-
PD001HP007	PD001HP007-A-W01	N	07/08/05	0 - 5	SW8260B	BROMODICHLOROMETHANE	< 0.15	UG/L	0.15	ND	U	-
PD001HP007	PD001HP007-A-W02	N	07/08/05	103 - 108	SW8260B	BROMODICHLOROMETHANE	< 0.15	UG/L	0.15	ND	U	-
PD001HP008	PD001HP008-A-W01	N	07/11/05	5 - 10	SW8260B	BROMODICHLOROMETHANE	< 0.15	UG/L	0.15	ND	U	-
PD001HP009	PD001HP009-A-W02	N	07/08/05	105 - 110	SW8260B	BROMODICHLOROMETHANE	< 0.15	UG/L	0.15	ND	U	-
PD001HP009	PD001HP009-A-W01	N	07/08/05	0 - 5	SW8260B	BROMODICHLOROMETHANE	< 0.15	UG/L	0.15	ND	U	-
PD001HP010	PD001HP010-A-W02	N	07/07/05	44 - 49	SW8260B	BROMODICHLOROMETHANE	< 0.15	UG/L	0.15	ND	U	-
PD001HP010	PD001HP010-A-W01	N	07/07/05	5 - 10	SW8260B	BROMODICHLOROMETHANE	< 0.15	UG/L	0.15	ND	U	-
PD001HP011	PD001HP011-A-W01	N	07/07/05	0 - 5	SW8260B	BROMODICHLOROMETHANE	< 0.15	UG/L	0.15	ND	U	-
PD001HP011	PD001HP011-A-W02	N	07/07/05	105 - 110	SW8260B	BROMODICHLOROMETHANE	< 0.15	UG/L	0.15	ND	U	-
PD001HP012	PD001HP012-A-W01	N	07/11/05	0 - 5	SW8260B	BROMODICHLOROMETHANE	< 0.15	UG/L	0.15	ND	U	-
PD001HP012	PD001HP012-A-W02	N	07/11/05	50 - 55	SW8260B	BROMODICHLOROMETHANE	< 0.15	UG/L	0.15	ND	U	-
PD001HP013	PD001HP013-A-W02	N	07/07/05	103 - 108	SW8260B	BROMODICHLOROMETHANE	< 0.15	UG/L	0.15	ND	U	-
PD001HP013	PD001HP013-A-W01	N	07/07/05	0 - 5	SW8260B	BROMODICHLOROMETHANE	< 0.15	UG/L	0.15	ND	U	-
PD001HP007	PD001HP007-A-W01	N	07/08/05	0 - 5	SW8260B	BROMOFORM	< 0.22	UG/L	0.22	ND	U	-
PD001HP007	PD001HP007-A-W02	N	07/08/05	103 - 108	SW8260B	BROMOFORM	< 0.22	UG/L	0.22	ND	U	-
PD001HP008	PD001HP008-A-W01	N	07/11/05	5 - 10	SW8260B	BROMOFORM	< 0.22	UG/L	0.22	ND	U	-
PD001HP009	PD001HP009-A-W02	N	07/08/05	105 - 110	SW8260B	BROMOFORM	< 0.22	UG/L	0.22	ND	U	-
PD001HP009	PD001HP009-A-W01	N	07/08/05	0 - 5	SW8260B	BROMOFORM	< 0.22	UG/L	0.22	ND	U	-
PD001HP010	PD001HP010-A-W02	N	07/07/05	44 - 49	SW8260B	BROMOFORM	< 0.22	UG/L	0.22	ND	U	-
PD001HP010	PD001HP010-A-W01	N	07/07/05	5 - 10	SW8260B	BROMOFORM	< 0.22	UG/L	0.22	ND	U	-
PD001HP011	PD001HP011-A-W01	N	07/07/05	0 - 5	SW8260B	BROMOFORM	< 0.22	UG/L	0.22	ND	U	-
PD001HP011	PD001HP011-A-W02	N	07/07/05	105 - 110	SW8260B	BROMOFORM	< 0.22	UG/L	0.22	ND	U	-
PD001HP012	PD001HP012-A-W01	N	07/11/05	0 - 5	SW8260B	BROMOFORM	< 0.22	UG/L	0.22	ND	U	-
PD001HP012	PD001HP012-A-W02	N	07/11/05	50 - 55	SW8260B	BROMOFORM	< 0.22	UG/L	0.22	ND	U	-

Appendix H, continued

Analytical Results for all Constituents in Groundwater

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Depth (FT)	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
PD001HP013	PD001HP013-A-W02	N	07/07/05	103 - 108	SW8260B	BROMOFORM	< 0.22	UG/L	0.22	ND	U	-
PD001HP013	PD001HP013-A-W01	N	07/07/05	0 - 5	SW8260B	BROMOFORM	< 0.22	UG/L	0.22	ND	U	-
PD001HP007	PD001HP007-A-W01	N	07/08/05	0 - 5	SW8260B	BROMOMETHANE	< 0.13	UG/L	0.13	ND	U	-
PD001HP007	PD001HP007-A-W02	N	07/08/05	103 - 108	SW8260B	BROMOMETHANE	< 0.13	UG/L	0.13	ND	U	-
PD001HP008	PD001HP008-A-W01	N	07/11/05	5 - 10	SW8260B	BROMOMETHANE	< 0.13	UG/L	0.13	ND	U	-
PD001HP009	PD001HP009-A-W02	N	07/08/05	105 - 110	SW8260B	BROMOMETHANE	< 0.13	UG/L	0.13	ND	U	-
PD001HP009	PD001HP009-A-W01	N	07/08/05	0 - 5	SW8260B	BROMOMETHANE	< 0.13	UG/L	0.13	ND	U	-
PD001HP010	PD001HP010-A-W02	N	07/07/05	44 - 49	SW8260B	BROMOMETHANE	< 0.13	UG/L	0.13	ND	U	-
PD001HP010	PD001HP010-A-W01	N	07/07/05	5 - 10	SW8260B	BROMOMETHANE	< 0.13	UG/L	0.13	ND	U	-
PD001HP011	PD001HP011-A-W01	N	07/07/05	0 - 5	SW8260B	BROMOMETHANE	< 0.13	UG/L	0.13	ND	U	-
PD001HP011	PD001HP011-A-W02	N	07/07/05	105 - 110	SW8260B	BROMOMETHANE	< 0.13	UG/L	0.13	ND	U	-
PD001HP012	PD001HP012-A-W01	N	07/11/05	0 - 5	SW8260B	BROMOMETHANE	< 0.13	UG/L	0.13	ND	U	-
PD001HP012	PD001HP012-A-W02	N	07/11/05	50 - 55	SW8260B	BROMOMETHANE	< 0.13	UG/L	0.13	ND	U	-
PD001HP013	PD001HP013-A-W02	N	07/07/05	103 - 108	SW8260B	BROMOMETHANE	< 0.13	UG/L	0.13	ND	U	-
PD001HP013	PD001HP013-A-W01	N	07/07/05	0 - 5	SW8260B	BROMOMETHANE	< 0.13	UG/L	0.13	ND	U	-
PD001HP007	PD001HP007-A-W01	N	07/08/05	0 - 5	SW8260B	CARBON DISULFIDE	< 0.13	UG/L	0.13	ND	U	-
PD001HP007	PD001HP007-A-W02	N	07/08/05	103 - 108	SW8260B	CARBON DISULFIDE	< 0.13	UG/L	0.13	ND	U	-
PD001HP008	PD001HP008-A-W01	N	07/11/05	5 - 10	SW8260B	CARBON DISULFIDE	**0.29**	UG/L	0.13	TR	J	T
PD001HP009	PD001HP009-A-W02	N	07/08/05	105 - 110	SW8260B	CARBON DISULFIDE	< 0.13	UG/L	0.13	ND	U	-
PD001HP009	PD001HP009-A-W01	N	07/08/05	0 - 5	SW8260B	CARBON DISULFIDE	< 0.13	UG/L	0.13	ND	U	-
PD001HP010	PD001HP010-A-W02	N	07/07/05	44 - 49	SW8260B	CARBON DISULFIDE	< 0.13	UG/L	0.13	ND	U	-
PD001HP010	PD001HP010-A-W01	N	07/07/05	5 - 10	SW8260B	CARBON DISULFIDE	**0.14**	UG/L	0.13	TR	J	T
PD001HP011	PD001HP011-A-W01	N	07/07/05	0 - 5	SW8260B	CARBON DISULFIDE	< 0.13	UG/L	0.13	ND	U	-
PD001HP011	PD001HP011-A-W02	N	07/07/05	105 - 110	SW8260B	CARBON DISULFIDE	< 0.13	UG/L	0.13	ND	U	-
PD001HP012	PD001HP012-A-W01	N	07/11/05	0 - 5	SW8260B	CARBON DISULFIDE	< 0.13	UG/L	0.13	ND	U	-
PD001HP012	PD001HP012-A-W02	N	07/11/05	50 - 55	SW8260B	CARBON DISULFIDE	< 0.13	UG/L	0.13	ND	U	-
PD001HP013	PD001HP013-A-W02	N	07/07/05	103 - 108	SW8260B	CARBON DISULFIDE	< 0.13	UG/L	0.13	ND	U	-

Appendix H, continued

Analytical Results for all Constituents in Groundwater

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Depth (FT)	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
PD001HP013	PD001HP013-A-W01	N	07/07/05	0 - 5	SW8260B	CARBON DISULFIDE	< 0.13	UG/L	0.13	ND	U	-
PD001HP007	PD001HP007-A-W01	N	07/08/05	0 - 5	SW8260B	CARBON TETRACHLORIDE	< 0.17	UG/L	0.17	ND	U	-
PD001HP007	PD001HP007-A-W02	N	07/08/05	103 - 108	SW8260B	CARBON TETRACHLORIDE	< 0.17	UG/L	0.17	ND	U	-
PD001HP008	PD001HP008-A-W01	N	07/11/05	5 - 10	SW8260B	CARBON TETRACHLORIDE	< 0.17	UG/L	0.17	ND	U	-
PD001HP009	PD001HP009-A-W02	N	07/08/05	105 - 110	SW8260B	CARBON TETRACHLORIDE	< 0.17	UG/L	0.17	ND	U	-
PD001HP009	PD001HP009-A-W01	N	07/08/05	0 - 5	SW8260B	CARBON TETRACHLORIDE	< 0.17	UG/L	0.17	ND	U	-
PD001HP010	PD001HP010-A-W02	N	07/07/05	44 - 49	SW8260B	CARBON TETRACHLORIDE	< 0.17	UG/L	0.17	ND	U	-
PD001HP010	PD001HP010-A-W01	N	07/07/05	5 - 10	SW8260B	CARBON TETRACHLORIDE	< 0.17	UG/L	0.17	ND	U	-
PD001HP011	PD001HP011-A-W01	N	07/07/05	0 - 5	SW8260B	CARBON TETRACHLORIDE	< 0.17	UG/L	0.17	ND	U	-
PD001HP011	PD001HP011-A-W02	N	07/07/05	105 - 110	SW8260B	CARBON TETRACHLORIDE	< 0.17	UG/L	0.17	ND	U	-
PD001HP012	PD001HP012-A-W01	N	07/11/05	0 - 5	SW8260B	CARBON TETRACHLORIDE	< 0.17	UG/L	0.17	ND	U	-
PD001HP012	PD001HP012-A-W02	N	07/11/05	50 - 55	SW8260B	CARBON TETRACHLORIDE	< 0.17	UG/L	0.17	ND	U	-
PD001HP013	PD001HP013-A-W02	N	07/07/05	103 - 108	SW8260B	CARBON TETRACHLORIDE	< 0.17	UG/L	0.17	ND	U	-
PD001HP013	PD001HP013-A-W01	N	07/07/05	0 - 5	SW8260B	CARBON TETRACHLORIDE	< 0.17	UG/L	0.17	ND	U	-
PD001HP007	PD001HP007-A-W01	N	07/08/05	0 - 5	SW8260B	CHLOROBENZENE	< 0.12	UG/L	0.12	ND	U	-
PD001HP007	PD001HP007-A-W02	N	07/08/05	103 - 108	SW8260B	CHLOROBENZENE	< 0.12	UG/L	0.12	ND	U	-
PD001HP008	PD001HP008-A-W01	N	07/11/05	5 - 10	SW8260B	CHLOROBENZENE	**0.22**	UG/L	0.12	TR	J	T
PD001HP009	PD001HP009-A-W02	N	07/08/05	105 - 110	SW8260B	CHLOROBENZENE	< 0.12	UG/L	0.12	ND	U	-
PD001HP009	PD001HP009-A-W01	N	07/08/05	0 - 5	SW8260B	CHLOROBENZENE	< 0.12	UG/L	0.12	ND	U	-
PD001HP010	PD001HP010-A-W02	N	07/07/05	44 - 49	SW8260B	CHLOROBENZENE	< 0.12	UG/L	0.12	ND	U	-
PD001HP010	PD001HP010-A-W01	N	07/07/05	5 - 10	SW8260B	CHLOROBENZENE	< 0.12	UG/L	0.12	ND	U	-
PD001HP011	PD001HP011-A-W01	N	07/07/05	0 - 5	SW8260B	CHLOROBENZENE	< 0.12	UG/L	0.12	ND	U	-
PD001HP011	PD001HP011-A-W02	N	07/07/05	105 - 110	SW8260B	CHLOROBENZENE	< 0.12	UG/L	0.12	ND	U	-
PD001HP012	PD001HP012-A-W01	N	07/11/05	0 - 5	SW8260B	CHLOROBENZENE	< 0.12	UG/L	0.12	ND	U	-
PD001HP012	PD001HP012-A-W02	N	07/11/05	50 - 55	SW8260B	CHLOROBENZENE	< 0.12	UG/L	0.12	ND	U	-
PD001HP013	PD001HP013-A-W02	N	07/07/05	103 - 108	SW8260B	CHLOROBENZENE	< 0.12	UG/L	0.12	ND	U	-
PD001HP013	PD001HP013-A-W01	N	07/07/05	0 - 5	SW8260B	CHLOROBENZENE	**0.13**	UG/L	0.12	TR	J	T

Appendix H, continued

Analytical Results for all Constituents in Groundwater

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Depth (FT)	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
PD001HP007	PD001HP007-A-W01	N	07/08/05	0 - 5	SW8260B	CHLOROETHANE	< 0.18	UG/L	0.18	ND	U	-
PD001HP007	PD001HP007-A-W02	N	07/08/05	103 - 108	SW8260B	CHLOROETHANE	< 0.18	UG/L	0.18	ND	U	-
PD001HP008	PD001HP008-A-W01	N	07/11/05	5 - 10	SW8260B	CHLOROETHANE	< 0.18	UG/L	0.18	ND	U	-
PD001HP009	PD001HP009-A-W02	N	07/08/05	105 - 110	SW8260B	CHLOROETHANE	< 0.18	UG/L	0.18	ND	U	-
PD001HP009	PD001HP009-A-W01	N	07/08/05	0 - 5	SW8260B	CHLOROETHANE	< 0.18	UG/L	0.18	ND	U	-
PD001HP010	PD001HP010-A-W02	N	07/07/05	44 - 49	SW8260B	CHLOROETHANE	< 0.18	UG/L	0.18	ND	U	-
PD001HP010	PD001HP010-A-W01	N	07/07/05	5 - 10	SW8260B	CHLOROETHANE	< 0.18	UG/L	0.18	ND	U	-
PD001HP011	PD001HP011-A-W01	N	07/07/05	0 - 5	SW8260B	CHLOROETHANE	< 0.18	UG/L	0.18	ND	U	-
PD001HP011	PD001HP011-A-W02	N	07/07/05	105 - 110	SW8260B	CHLOROETHANE	< 0.18	UG/L	0.18	ND	U	-
PD001HP012	PD001HP012-A-W01	N	07/11/05	0 - 5	SW8260B	CHLOROETHANE	< 0.18	UG/L	0.18	ND	U	-
PD001HP012	PD001HP012-A-W02	N	07/11/05	50 - 55	SW8260B	CHLOROETHANE	< 0.18	UG/L	0.18	ND	U	-
PD001HP013	PD001HP013-A-W02	N	07/07/05	103 - 108	SW8260B	CHLOROETHANE	< 0.18	UG/L	0.18	ND	U	-
PD001HP013	PD001HP013-A-W01	N	07/07/05	0 - 5	SW8260B	CHLOROETHANE	< 0.18	UG/L	0.18	ND	U	-
PD001HP007	PD001HP007-A-W01	N	07/08/05	0 - 5	SW8260B	CHLOROFORM	< 0.12	UG/L	0.12	ND	U	-
PD001HP007	PD001HP007-A-W02	N	07/08/05	103 - 108	SW8260B	CHLOROFORM	< 0.12	UG/L	0.12	ND	U	-
PD001HP008	PD001HP008-A-W01	N	07/11/05	5 - 10	SW8260B	CHLOROFORM	< 0.12	UG/L	0.12	ND	U	-
PD001HP009	PD001HP009-A-W02	N	07/08/05	105 - 110	SW8260B	CHLOROFORM	< 0.12	UG/L	0.12	ND	U	-
PD001HP009	PD001HP009-A-W01	N	07/08/05	0 - 5	SW8260B	CHLOROFORM	< 0.12	UG/L	0.12	ND	U	-
PD001HP010	PD001HP010-A-W02	N	07/07/05	44 - 49	SW8260B	CHLOROFORM	< 0.12	UG/L	0.12	ND	U	-
PD001HP010	PD001HP010-A-W01	N	07/07/05	5 - 10	SW8260B	CHLOROFORM	< 0.12	UG/L	0.12	ND	U	-
PD001HP011	PD001HP011-A-W01	N	07/07/05	0 - 5	SW8260B	CHLOROFORM	< 0.12	UG/L	0.12	ND	U	-
PD001HP011	PD001HP011-A-W02	N	07/07/05	105 - 110	SW8260B	CHLOROFORM	< 0.12	UG/L	0.12	ND	U	-
PD001HP012	PD001HP012-A-W01	N	07/11/05	0 - 5	SW8260B	CHLOROFORM	< 0.12	UG/L	0.12	ND	U	-
PD001HP012	PD001HP012-A-W02	N	07/11/05	50 - 55	SW8260B	CHLOROFORM	< 0.12	UG/L	0.12	ND	U	-
PD001HP013	PD001HP013-A-W02	N	07/07/05	103 - 108	SW8260B	CHLOROFORM	< 0.12	UG/L	0.12	ND	U	-
PD001HP013	PD001HP013-A-W01	N	07/07/05	0 - 5	SW8260B	CHLOROFORM	< 0.12	UG/L	0.12	ND	U	-
PD001HP007	PD001HP007-A-W01	N	07/08/05	0 - 5	SW8260B	CHLOROMETHANE	< 0.4	UG/L	0.4	ND	U	-

Appendix H, continued

Analytical Results for all Constituents in Groundwater

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Depth (FT)	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
PD001HP007	PD001HP007-A-W02	N	07/08/05	**103 - 108**	SW8260B	CHLOROMETHANE	< 0.4	UG/L	0.4	ND	U	-
PD001HP008	PD001HP008-A-W01	N	07/11/05	**5 - 10**	SW8260B	CHLOROMETHANE	< 0.4	UG/L	0.4	ND	U	-
PD001HP009	PD001HP009-A-W02	N	07/08/05	**105 - 110**	SW8260B	CHLOROMETHANE	< 0.4	UG/L	0.4	ND	U	-
PD001HP009	PD001HP009-A-W01	N	07/08/05	**0 - 5**	SW8260B	CHLOROMETHANE	< 0.4	UG/L	0.4	ND	U	-
PD001HP010	PD001HP010-A-W02	N	07/07/05	**44 - 49**	SW8260B	CHLOROMETHANE	< 0.4	UG/L	0.4	ND	U	-
PD001HP010	PD001HP010-A-W01	N	07/07/05	**5 - 10**	SW8260B	CHLOROMETHANE	< 0.4	UG/L	0.4	ND	U	-
PD001HP011	PD001HP011-A-W01	N	07/07/05	**0 - 5**	SW8260B	CHLOROMETHANE	< 0.4	UG/L	0.4	ND	U	-
PD001HP011	PD001HP011-A-W02	N	07/07/05	**105 - 110**	SW8260B	CHLOROMETHANE	< 0.4	UG/L	0.4	ND	U	-
PD001HP012	PD001HP012-A-W01	N	07/11/05	**0 - 5**	SW8260B	CHLOROMETHANE	< 0.4	UG/L	0.4	ND	U	-
PD001HP012	PD001HP012-A-W02	N	07/11/05	**50 - 55**	SW8260B	CHLOROMETHANE	< 0.4	UG/L	0.4	ND	U	-
PD001HP013	PD001HP013-A-W02	N	07/07/05	**103 - 108**	SW8260B	CHLOROMETHANE	< 0.4	UG/L	0.4	ND	U	-
PD001HP013	PD001HP013-A-W01	N	07/07/05	**0 - 5**	SW8260B	CHLOROMETHANE	< 0.4	UG/L	0.4	ND	U	-
PD001HP007	PD001HP007-A-W01	N	07/08/05	**0 - 5**	SW8260B	cis-1,2-DICHLOROETHYLENE	**150**	UG/L	3.3	=	-	-
PD001HP007	PD001HP007-A-W02	N	07/08/05	**103 - 108**	SW8260B	cis-1,2-DICHLOROETHYLENE	< 0.13	UG/L	0.13	ND	U	-
PD001HP008	PD001HP008-A-W01	N	07/11/05	**5 - 10**	SW8260B	cis-1,2-DICHLOROETHYLENE	**6.1**	UG/L	0.13	=	-	-
PD001HP009	PD001HP009-A-W02	N	07/08/05	**105 - 110**	SW8260B	cis-1,2-DICHLOROETHYLENE	< 0.13	UG/L	0.13	ND	U	-
PD001HP009	PD001HP009-A-W01	N	07/08/05	**0 - 5**	SW8260B	cis-1,2-DICHLOROETHYLENE	**0.75**	UG/L	0.13	TR	J	T
PD001HP010	PD001HP010-A-W02	N	07/07/05	**44 - 49**	SW8260B	cis-1,2-DICHLOROETHYLENE	< 0.13	UG/L	0.13	ND	U	-
PD001HP010	PD001HP010-A-W01	N	07/07/05	**5 - 10**	SW8260B	cis-1,2-DICHLOROETHYLENE	**0.45**	UG/L	0.13	TR	J	T
PD001HP011	PD001HP011-A-W01	N	07/07/05	**0 - 5**	SW8260B	cis-1,2-DICHLOROETHYLENE	**0.33**	UG/L	0.13	TR	J	T
PD001HP011	PD001HP011-A-W02	N	07/07/05	**105 - 110**	SW8260B	cis-1,2-DICHLOROETHYLENE	< 0.13	UG/L	0.13	ND	U	-
PD001HP012	PD001HP012-A-W01	N	07/11/05	**0 - 5**	SW8260B	cis-1,2-DICHLOROETHYLENE	**0.88**	UG/L	0.13	TR	J	T
PD001HP012	PD001HP012-A-W02	N	07/11/05	**50 - 55**	SW8260B	cis-1,2-DICHLOROETHYLENE	< 0.13	UG/L	0.13	ND	U	-
PD001HP013	PD001HP013-A-W02	N	07/07/05	**103 - 108**	SW8260B	cis-1,2-DICHLOROETHYLENE	< 0.13	UG/L	0.13	ND	U	-
PD001HP013	PD001HP013-A-W01	N	07/07/05	**0 - 5**	SW8260B	cis-1,2-DICHLOROETHYLENE	< 0.13	UG/L	0.13	ND	U	-
PD001HP007	PD001HP007-A-W01	N	07/08/05	**0 - 5**	SW8260B	cis-1,3-DICHLOROPROPENE	< 0.17	UG/L	0.17	ND	U	-
PD001HP007	PD001HP007-A-W02	N	07/08/05	**103 - 108**	SW8260B	cis-1,3-DICHLOROPROPENE	< 0.17	UG/L	0.17	ND	U	-

Appendix H, continued

Analytical Results for all Constituents in Groundwater

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Depth (FT)	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
PD001HP008	PD001HP008-A-W01	N	07/11/05	5 - 10	SW8260B	cis-1,3-DICHLOROPROPENE	< 0.17	UG/L	0.17	ND	U	-
PD001HP009	PD001HP009-A-W02	N	07/08/05	105 - 110	SW8260B	cis-1,3-DICHLOROPROPENE	< 0.17	UG/L	0.17	ND	U	-
PD001HP009	PD001HP009-A-W01	N	07/08/05	0 - 5	SW8260B	cis-1,3-DICHLOROPROPENE	< 0.17	UG/L	0.17	ND	U	-
PD001HP010	PD001HP010-A-W02	N	07/07/05	44 - 49	SW8260B	cis-1,3-DICHLOROPROPENE	< 0.17	UG/L	0.17	ND	U	-
PD001HP010	PD001HP010-A-W01	N	07/07/05	5 - 10	SW8260B	cis-1,3-DICHLOROPROPENE	< 0.17	UG/L	0.17	ND	U	-
PD001HP011	PD001HP011-A-W01	N	07/07/05	0 - 5	SW8260B	cis-1,3-DICHLOROPROPENE	< 0.17	UG/L	0.17	ND	U	-
PD001HP011	PD001HP011-A-W02	N	07/07/05	105 - 110	SW8260B	cis-1,3-DICHLOROPROPENE	< 0.17	UG/L	0.17	ND	U	-
PD001HP012	PD001HP012-A-W01	N	07/11/05	0 - 5	SW8260B	cis-1,3-DICHLOROPROPENE	< 0.17	UG/L	0.17	ND	U	-
PD001HP012	PD001HP012-A-W02	N	07/11/05	50 - 55	SW8260B	cis-1,3-DICHLOROPROPENE	< 0.17	UG/L	0.17	ND	U	-
PD001HP013	PD001HP013-A-W02	N	07/07/05	103 - 108	SW8260B	cis-1,3-DICHLOROPROPENE	< 0.17	UG/L	0.17	ND	U	-
PD001HP013	PD001HP013-A-W01	N	07/07/05	0 - 5	SW8260B	cis-1,3-DICHLOROPROPENE	< 0.17	UG/L	0.17	ND	U	-
PD001HP012	PD001HP012-A-W01	N	07/11/05	0 - 5	SW8260B	CIS-1,3-DIMETHYL CYCLOHEXANE	16	UG/L	0	TI	J	A
PD001HP007	PD001HP007-A-W01	N	07/08/05	0 - 5	SW8260B	CYCLOHEXANE	4.1	UG/L	0	TI	J	A
PD001HP012	PD001HP012-A-W01	N	07/11/05	0 - 5	SW8260B	CYCLOHEXANE	23	UG/L	0	TI	J	A
PD001HP007	PD001HP007-A-W01	N	07/08/05	0 - 5	SW8260B	DIBROMOCHLOROMETHANE	< 0.19	UG/L	0.19	ND	U	-
PD001HP007	PD001HP007-A-W02	N	07/08/05	103 - 108	SW8260B	DIBROMOCHLOROMETHANE	< 0.19	UG/L	0.19	ND	U	-
PD001HP008	PD001HP008-A-W01	N	07/11/05	5 - 10	SW8260B	DIBROMOCHLOROMETHANE	< 0.19	UG/L	0.19	ND	U	-
PD001HP009	PD001HP009-A-W02	N	07/08/05	105 - 110	SW8260B	DIBROMOCHLOROMETHANE	< 0.19	UG/L	0.19	ND	U	-
PD001HP009	PD001HP009-A-W01	N	07/08/05	0 - 5	SW8260B	DIBROMOCHLOROMETHANE	< 0.19	UG/L	0.19	ND	U	-
PD001HP010	PD001HP010-A-W02	N	07/07/05	44 - 49	SW8260B	DIBROMOCHLOROMETHANE	< 0.19	UG/L	0.19	ND	U	-
PD001HP010	PD001HP010-A-W01	N	07/07/05	5 - 10	SW8260B	DIBROMOCHLOROMETHANE	< 0.19	UG/L	0.19	ND	U	-
PD001HP011	PD001HP011-A-W01	N	07/07/05	0 - 5	SW8260B	DIBROMOCHLOROMETHANE	< 0.19	UG/L	0.19	ND	U	-
PD001HP011	PD001HP011-A-W02	N	07/07/05	105 - 110	SW8260B	DIBROMOCHLOROMETHANE	< 0.19	UG/L	0.19	ND	U	-
PD001HP012	PD001HP012-A-W01	N	07/11/05	0 - 5	SW8260B	DIBROMOCHLOROMETHANE	< 0.19	UG/L	0.19	ND	U	-
PD001HP012	PD001HP012-A-W02	N	07/11/05	50 - 55	SW8260B	DIBROMOCHLOROMETHANE	< 0.19	UG/L	0.19	ND	U	-
PD001HP013	PD001HP013-A-W02	N	07/07/05	103 - 108	SW8260B	DIBROMOCHLOROMETHANE	< 0.19	UG/L	0.19	ND	U	-
PD001HP013	PD001HP013-A-W01	N	07/07/05	0 - 5	SW8260B	DIBROMOCHLOROMETHANE	< 0.19	UG/L	0.19	ND	U	-

Appendix H, continued

Analytical Results for all Constituents in Groundwater

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Depth (FT)	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
PD001HP007	PD001HP007-A-W01	N	07/08/05	0 - 5	SW8260B	DIBROMOMETHANE	< 0.15	UG/L	0.15	ND	U	-
PD001HP007	PD001HP007-A-W02	N	07/08/05	103 - 108	SW8260B	DIBROMOMETHANE	< 0.15	UG/L	0.15	ND	U	-
PD001HP008	PD001HP008-A-W01	N	07/11/05	5 - 10	SW8260B	DIBROMOMETHANE	< 0.15	UG/L	0.15	ND	U	-
PD001HP009	PD001HP009-A-W02	N	07/08/05	105 - 110	SW8260B	DIBROMOMETHANE	< 0.15	UG/L	0.15	ND	U	-
PD001HP009	PD001HP009-A-W01	N	07/08/05	0 - 5	SW8260B	DIBROMOMETHANE	< 0.15	UG/L	0.15	ND	U	-
PD001HP010	PD001HP010-A-W02	N	07/07/05	44 - 49	SW8260B	DIBROMOMETHANE	< 0.15	UG/L	0.15	ND	U	-
PD001HP010	PD001HP010-A-W01	N	07/07/05	5 - 10	SW8260B	DIBROMOMETHANE	< 0.15	UG/L	0.15	ND	U	-
PD001HP011	PD001HP011-A-W01	N	07/07/05	0 - 5	SW8260B	DIBROMOMETHANE	< 0.15	UG/L	0.15	ND	U	-
PD001HP011	PD001HP011-A-W02	N	07/07/05	105 - 110	SW8260B	DIBROMOMETHANE	< 0.15	UG/L	0.15	ND	U	-
PD001HP012	PD001HP012-A-W01	N	07/11/05	0 - 5	SW8260B	DIBROMOMETHANE	< 0.15	UG/L	0.15	ND	U	-
PD001HP012	PD001HP012-A-W02	N	07/11/05	50 - 55	SW8260B	DIBROMOMETHANE	< 0.15	UG/L	0.15	ND	U	-
PD001HP013	PD001HP013-A-W02	N	07/07/05	103 - 108	SW8260B	DIBROMOMETHANE	< 0.15	UG/L	0.15	ND	U	-
PD001HP013	PD001HP013-A-W01	N	07/07/05	0 - 5	SW8260B	DIBROMOMETHANE	< 0.15	UG/L	0.15	ND	U	-
PD001HP007	PD001HP007-A-W01	N	07/08/05	0 - 5	SW8260B	DICHLORODIFLUOROMETHANE	< 0.42	UG/L	0.42	ND	U	-
PD001HP007	PD001HP007-A-W02	N	07/08/05	103 - 108	SW8260B	DICHLORODIFLUOROMETHANE	< 0.42	UG/L	0.42	ND	U	-
PD001HP008	PD001HP008-A-W01	N	07/11/05	5 - 10	SW8260B	DICHLORODIFLUOROMETHANE	< 0.42	UG/L	0.42	ND	U	-
PD001HP009	PD001HP009-A-W02	N	07/08/05	105 - 110	SW8260B	DICHLORODIFLUOROMETHANE	< 0.42	UG/L	0.42	ND	U	-
PD001HP009	PD001HP009-A-W01	N	07/08/05	0 - 5	SW8260B	DICHLORODIFLUOROMETHANE	< 0.42	UG/L	0.42	ND	U	-
PD001HP010	PD001HP010-A-W02	N	07/07/05	44 - 49	SW8260B	DICHLORODIFLUOROMETHANE	< 0.42	UG/L	0.42	ND	U	-
PD001HP010	PD001HP010-A-W01	N	07/07/05	5 - 10	SW8260B	DICHLORODIFLUOROMETHANE	< 0.42	UG/L	0.42	ND	U	-
PD001HP011	PD001HP011-A-W01	N	07/07/05	0 - 5	SW8260B	DICHLORODIFLUOROMETHANE	< 0.42	UG/L	0.42	ND	U	-
PD001HP011	PD001HP011-A-W02	N	07/07/05	105 - 110	SW8260B	DICHLORODIFLUOROMETHANE	< 0.42	UG/L	0.42	ND	U	-
PD001HP012	PD001HP012-A-W01	N	07/11/05	0 - 5	SW8260B	DICHLORODIFLUOROMETHANE	< 0.42	UG/L	0.42	ND	U	-
PD001HP012	PD001HP012-A-W02	N	07/11/05	50 - 55	SW8260B	DICHLORODIFLUOROMETHANE	< 0.42	UG/L	0.42	ND	U	-
PD001HP013	PD001HP013-A-W02	N	07/07/05	103 - 108	SW8260B	DICHLORODIFLUOROMETHANE	< 0.42	UG/L	0.42	ND	U	-
PD001HP013	PD001HP013-A-W01	N	07/07/05	0 - 5	SW8260B	DICHLORODIFLUOROMETHANE	< 0.42	UG/L	0.42	ND	U	-
B168HP003	B168HP003-A-W01	N	01/17/06	5 - 10	SW8015B	DIESEL (C10-C24)	170	UG/L	25	=	-	-

Appendix H, continued

Analytical Results for all Constituents in Groundwater

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Depth (FT)	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
B168HP004	B168HP004-A-W01	N	01/17/06	5 - 10	SW8015B	DIESEL (C10-C24)	< 23	UG/L	23	ND	U	-
B168HP005	B168HP005-A-W01	N	01/17/06	5 - 10	SW8015B	DIESEL (C10-C24)	270	UG/L	24	=	-	-
B168HP006	B168HP006-A-W01	N	01/17/06	5 - 10	SW8015B	DIESEL (C10-C24)	140	UG/L	23	=	-	-
B168HP007	B168HP007-A-W01	N	01/17/06	5 - 10	SW8015B	DIESEL (C10-C24)	95	UG/L	24	TR	J	T
PD001HP007	PD001HP007-A-W01	N	07/08/05	0 - 5	SW8015B	DIESEL (C10-C24)	380	UG/L	24	=	-	-
PD001HP007	PD001HP007-A-W02	N	07/08/05	103 - 108	SW8015B	DIESEL (C10-C24)	90	UG/L	25	TR	J	T
PD001HP008	PD001HP008-A-W01	N	07/11/05	5 - 10	SW8015B	DIESEL (C10-C24)	330	UG/L	24	=	-	-
PD001HP009	PD001HP009-A-W02	N	07/08/05	105 - 110	SW8015B	DIESEL (C10-C24)	60	UG/L	24	TR	J	T
PD001HP009	PD001HP009-A-W01	N	07/08/05	0 - 5	SW8015B	DIESEL (C10-C24)	760	UG/L	24	=	-	-
PD001HP010	PD001HP010-A-W02	N	07/07/05	44 - 49	SW8015B	DIESEL (C10-C24)	29	UG/L	23	TR	J	T
PD001HP010	PD001HP010-A-W01	N	07/07/05	5 - 10	SW8015B	DIESEL (C10-C24)	140	UG/L	23	=	-	-
PD001HP011	PD001HP011-A-W01	N	07/07/05	0 - 5	SW8015B	DIESEL (C10-C24)	310	UG/L	23	=	-	-
PD001HP011	PD001HP011-A-W02	N	07/07/05	105 - 110	SW8015B	DIESEL (C10-C24)	25	UG/L	23	TR	J	T
PD001HP012	PD001HP012-A-W01	N	07/11/05	0 - 5	SW8015B	DIESEL (C10-C24)	3100	UG/L	25	=	-	-
PD001HP012	PD001HP012-A-W02	N	07/11/05	50 - 55	SW8015B	DIESEL (C10-C24)	120	UG/L	24	=	-	-
PD001HP013	PD001HP013-A-W02	N	07/07/05	103 - 108	SW8015B	DIESEL (C10-C24)	170	UG/L	29	=	-	-
PD001HP013	PD001HP013-A-W01	N	07/07/05	0 - 5	SW8015B	DIESEL (C10-C24)	600	UG/L	23	=	-	-
PD001HP007	PD001HP007-A-W01	N	07/08/05	0 - 5	SW8260B	ETHYLBENZENE	< 0.11	UG/L	0.11	ND	U	-
PD001HP007	PD001HP007-A-W02	N	07/08/05	103 - 108	SW8260B	ETHYLBENZENE	< 0.11	UG/L	0.11	ND	U	-
PD001HP008	PD001HP008-A-W01	N	07/11/05	5 - 10	SW8260B	ETHYLBENZENE	< 0.11	UG/L	0.11	ND	U	-
PD001HP009	PD001HP009-A-W02	N	07/08/05	105 - 110	SW8260B	ETHYLBENZENE	< 0.11	UG/L	0.11	ND	U	-
PD001HP009	PD001HP009-A-W01	N	07/08/05	0 - 5	SW8260B	ETHYLBENZENE	< 0.11	UG/L	0.11	ND	U	-
PD001HP010	PD001HP010-A-W02	N	07/07/05	44 - 49	SW8260B	ETHYLBENZENE	< 0.11	UG/L	0.11	ND	U	-
PD001HP010	PD001HP010-A-W01	N	07/07/05	5 - 10	SW8260B	ETHYLBENZENE	< 0.11	UG/L	0.11	ND	U	-
PD001HP011	PD001HP011-A-W01	N	07/07/05	0 - 5	SW8260B	ETHYLBENZENE	< 0.11	UG/L	0.11	ND	U	-
PD001HP011	PD001HP011-A-W02	N	07/07/05	105 - 110	SW8260B	ETHYLBENZENE	< 0.11	UG/L	0.11	ND	U	-
PD001HP012	PD001HP012-A-W01	N	07/11/05	0 - 5	SW8260B	ETHYLBENZENE	2	UG/L	0.11	=	-	-

Appendix H, continued

Analytical Results for all Constituents in Groundwater

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Depth (FT)	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
PD001HP012	PD001HP012-A-W02	N	07/11/05	50 - 55	SW8260B	ETHYLBENZENE	< 0.11	UG/L	0.11	ND	U	-
PD001HP013	PD001HP013-A-W02	N	07/07/05	103 - 108	SW8260B	ETHYLBENZENE	< 0.11	UG/L	0.11	ND	U	-
PD001HP013	PD001HP013-A-W01	N	07/07/05	0 - 5	SW8260B	ETHYLBENZENE	< 0.11	UG/L	0.11	ND	U	-
PD001HP011	PD001HP011-A-W01	N	07/07/05	0 - 5	SW8260B	ETHYLCYCLOHEXANE	1.1	UG/L	0	TI	J	A
PD001HP007	PD001HP007-A-W01	N	07/08/05	0 - 5	SW8015B	GASOLINE (~C6-C10)	29	UG/L	20	TR	J	T
PD001HP007	PD001HP007-A-W02	N	07/08/05	103 - 108	SW8015B	GASOLINE (~C6-C10)	< 20	UG/L	20	ND	U	-
PD001HP008	PD001HP008-A-W01	N	07/11/05	5 - 10	SW8015B	GASOLINE (~C6-C10)	< 20	UG/L	20	ND	U	-
PD001HP009	PD001HP009-A-W02	N	07/08/05	105 - 110	SW8015B	GASOLINE (~C6-C10)	< 20	UG/L	20	ND	U	-
PD001HP009	PD001HP009-A-W01	N	07/08/05	0 - 5	SW8015B	GASOLINE (~C6-C10)	< 20	UG/L	20	ND	U	-
PD001HP010	PD001HP010-A-W02	N	07/07/05	44 - 49	SW8015B	GASOLINE (~C6-C10)	< 20	UG/L	20	ND	U	-
PD001HP010	PD001HP010-A-W01	N	07/07/05	5 - 10	SW8015B	GASOLINE (~C6-C10)	< 20	UG/L	20	ND	U	-
PD001HP011	PD001HP011-A-W01	N	07/07/05	0 - 5	SW8015B	GASOLINE (~C6-C10)	< 20	UG/L	20	ND	U	-
PD001HP011	PD001HP011-A-W02	N	07/07/05	105 - 110	SW8015B	GASOLINE (~C6-C10)	< 20	UG/L	20	ND	U	-
PD001HP012	PD001HP012-A-W01	N	07/11/05	0 - 5	SW8015B	GASOLINE (~C6-C10)	< 20	UG/L	20	ND	U	-
PD001HP012	PD001HP012-A-W02	N	07/11/05	50 - 55	SW8015B	GASOLINE (~C6-C10)	1500	UG/L	20	=	-	-
PD001HP013	PD001HP013-A-W02	N	07/07/05	103 - 108	SW8015B	GASOLINE (~C6-C10)	< 20	UG/L	20	ND	U	-
PD001HP013	PD001HP013-A-W01	N	07/07/05	0 - 5	SW8015B	GASOLINE (~C6-C10)	< 20	UG/L	20	ND	U	-
PD001HP007	PD001HP007-A-W01	N	07/08/05	0 - 5	SW8260B	HEXACHLOROBUTADIENE	< 0.19	UG/L	0.19	ND	U	-
PD001HP007	PD001HP007-A-W02	N	07/08/05	103 - 108	SW8260B	HEXACHLOROBUTADIENE	< 0.19	UG/L	0.19	ND	U	-
PD001HP008	PD001HP008-A-W01	N	07/11/05	5 - 10	SW8260B	HEXACHLOROBUTADIENE	< 0.19	UG/L	0.19	ND	U	-
PD001HP009	PD001HP009-A-W02	N	07/08/05	105 - 110	SW8260B	HEXACHLOROBUTADIENE	< 0.19	UG/L	0.19	ND	U	-
PD001HP009	PD001HP009-A-W01	N	07/08/05	0 - 5	SW8260B	HEXACHLOROBUTADIENE	< 0.19	UG/L	0.19	ND	U	-
PD001HP010	PD001HP010-A-W02	N	07/07/05	44 - 49	SW8260B	HEXACHLOROBUTADIENE	< 0.19	UG/L	0.19	ND	U	-
PD001HP010	PD001HP010-A-W01	N	07/07/05	5 - 10	SW8260B	HEXACHLOROBUTADIENE	< 0.19	UG/L	0.19	ND	U	-
PD001HP011	PD001HP011-A-W01	N	07/07/05	0 - 5	SW8260B	HEXACHLOROBUTADIENE	< 0.19	UG/L	0.19	ND	U	-
PD001HP011	PD001HP011-A-W02	N	07/07/05	105 - 110	SW8260B	HEXACHLOROBUTADIENE	< 0.19	UG/L	0.19	ND	U	-
PD001HP012	PD001HP012-A-W01	N	07/11/05	0 - 5	SW8260B	HEXACHLOROBUTADIENE	< 0.19	UG/L	0.19	ND	U	-

Appendix H, continued

Analytical Results for all Constituents in Groundwater

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Depth (FT)	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
PD001HP012	PD001HP012-A-W02	N	07/11/05	50 - 55	SW8260B	HEXACHLOROBUTADIENE	< 0.19	UG/L	0.19	ND	U	-
PD001HP013	PD001HP013-A-W02	N	07/07/05	103 - 108	SW8260B	HEXACHLOROBUTADIENE	< 0.19	UG/L	0.19	ND	U	-
PD001HP013	PD001HP013-A-W01	N	07/07/05	0 - 5	SW8260B	HEXACHLOROBUTADIENE	< 0.19	UG/L	0.19	ND	U	-
PD001HP007	PD001HP007-A-W01	N	07/08/05	0 - 5	SW8260B	IODOMETHANE (METHYL IODIDE)	< 0.25	UG/L	0.25	ND	U	-
PD001HP007	PD001HP007-A-W02	N	07/08/05	103 - 108	SW8260B	IODOMETHANE (METHYL IODIDE)	< 0.25	UG/L	0.25	ND	U	-
PD001HP008	PD001HP008-A-W01	N	07/11/05	5 - 10	SW8260B	IODOMETHANE (METHYL IODIDE)	< 0.25	UG/L	0.25	ND	U	-
PD001HP009	PD001HP009-A-W02	N	07/08/05	105 - 110	SW8260B	IODOMETHANE (METHYL IODIDE)	< 0.25	UG/L	0.25	ND	U	-
PD001HP009	PD001HP009-A-W01	N	07/08/05	0 - 5	SW8260B	IODOMETHANE (METHYL IODIDE)	< 0.25	UG/L	0.25	ND	U	-
PD001HP010	PD001HP010-A-W02	N	07/07/05	44 - 49	SW8260B	IODOMETHANE (METHYL IODIDE)	< 0.25	UG/L	0.25	ND	U	-
PD001HP010	PD001HP010-A-W01	N	07/07/05	5 - 10	SW8260B	IODOMETHANE (METHYL IODIDE)	< 0.25	UG/L	0.25	ND	U	-
PD001HP011	PD001HP011-A-W01	N	07/07/05	0 - 5	SW8260B	IODOMETHANE (METHYL IODIDE)	< 0.25	UG/L	0.25	ND	U	-
PD001HP011	PD001HP011-A-W02	N	07/07/05	105 - 110	SW8260B	IODOMETHANE (METHYL IODIDE)	< 0.25	UG/L	0.25	ND	U	-
PD001HP012	PD001HP012-A-W01	N	07/11/05	0 - 5	SW8260B	IODOMETHANE (METHYL IODIDE)	< 0.25	UG/L	0.25	ND	U	-
PD001HP012	PD001HP012-A-W02	N	07/11/05	50 - 55	SW8260B	IODOMETHANE (METHYL IODIDE)	< 0.25	UG/L	0.25	ND	U	-
PD001HP013	PD001HP013-A-W02	N	07/07/05	103 - 108	SW8260B	IODOMETHANE (METHYL IODIDE)	< 0.25	UG/L	0.25	ND	U	-
PD001HP013	PD001HP013-A-W01	N	07/07/05	0 - 5	SW8260B	IODOMETHANE (METHYL IODIDE)	< 0.25	UG/L	0.25	ND	U	-
PD001HP007	PD001HP007-A-W01	N	07/08/05	0 - 5	SW8260B	ISOPROPYL ETHER	**0.26**	UG/L	0.13	TR	J	T
PD001HP007	PD001HP007-A-W02	N	07/08/05	103 - 108	SW8260B	ISOPROPYL ETHER	< 0.13	UG/L	0.13	ND	U	-
PD001HP008	PD001HP008-A-W01	N	07/11/05	5 - 10	SW8260B	ISOPROPYL ETHER	**0.35**	UG/L	0.13	TR	J	T
PD001HP009	PD001HP009-A-W02	N	07/08/05	105 - 110	SW8260B	ISOPROPYL ETHER	< 0.13	UG/L	0.13	ND	U	-
PD001HP009	PD001HP009-A-W01	N	07/08/05	0 - 5	SW8260B	ISOPROPYL ETHER	< 0.13	UG/L	0.13	ND	U	-
PD001HP010	PD001HP010-A-W02	N	07/07/05	44 - 49	SW8260B	ISOPROPYL ETHER	< 0.13	UG/L	0.13	ND	U	-
PD001HP010	PD001HP010-A-W01	N	07/07/05	5 - 10	SW8260B	ISOPROPYL ETHER	< 0.13	UG/L	0.13	ND	U	-
PD001HP011	PD001HP011-A-W01	N	07/07/05	0 - 5	SW8260B	ISOPROPYL ETHER	< 0.13	UG/L	0.13	ND	U	-
PD001HP011	PD001HP011-A-W02	N	07/07/05	105 - 110	SW8260B	ISOPROPYL ETHER	< 0.13	UG/L	0.13	ND	U	-
PD001HP012	PD001HP012-A-W01	N	07/11/05	0 - 5	SW8260B	ISOPROPYL ETHER	**1.2**	UG/L	0.13	TR	J	T
PD001HP012	PD001HP012-A-W02	N	07/11/05	50 - 55	SW8260B	ISOPROPYL ETHER	< 0.13	UG/L	0.13	ND	U	-

Appendix H, continued

Analytical Results for all Constituents in Groundwater

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Depth (FT)	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
PD001HP013	PD001HP013-A-W02	N	07/07/05	103 - 108	SW8260B	ISOPROPYL ETHER	< 0.13	UG/L	0.13	ND	U	-
PD001HP013	PD001HP013-A-W01	N	07/07/05	0 - 5	SW8260B	ISOPROPYL ETHER	< 0.13	UG/L	0.13	ND	U	-
PD001HP007	PD001HP007-A-W01	N	07/08/05	0 - 5	SW8260B	ISOPROPYLBENZENE (CUMENE)	< 0.16	UG/L	0.16	ND	U	-
PD001HP007	PD001HP007-A-W02	N	07/08/05	103 - 108	SW8260B	ISOPROPYLBENZENE (CUMENE)	< 0.16	UG/L	0.16	ND	U	-
PD001HP008	PD001HP008-A-W01	N	07/11/05	5 - 10	SW8260B	ISOPROPYLBENZENE (CUMENE)	< 0.16	UG/L	0.16	ND	U	-
PD001HP009	PD001HP009-A-W02	N	07/08/05	105 - 110	SW8260B	ISOPROPYLBENZENE (CUMENE)	< 0.16	UG/L	0.16	ND	U	-
PD001HP009	PD001HP009-A-W01	N	07/08/05	0 - 5	SW8260B	ISOPROPYLBENZENE (CUMENE)	< 0.16	UG/L	0.16	ND	U	-
PD001HP010	PD001HP010-A-W02	N	07/07/05	44 - 49	SW8260B	ISOPROPYLBENZENE (CUMENE)	< 0.16	UG/L	0.16	ND	U	-
PD001HP010	PD001HP010-A-W01	N	07/07/05	5 - 10	SW8260B	ISOPROPYLBENZENE (CUMENE)	< 0.16	UG/L	0.16	ND	U	-
PD001HP011	PD001HP011-A-W01	N	07/07/05	0 - 5	SW8260B	ISOPROPYLBENZENE (CUMENE)	< 0.16	UG/L	0.16	ND	U	-
PD001HP011	PD001HP011-A-W02	N	07/07/05	105 - 110	SW8260B	ISOPROPYLBENZENE (CUMENE)	< 0.16	UG/L	0.16	ND	U	-
PD001HP012	PD001HP012-A-W01	N	07/11/05	0 - 5	SW8260B	ISOPROPYLBENZENE (CUMENE)	25	UG/L	0.16	=	-	-
PD001HP012	PD001HP012-A-W02	N	07/11/05	50 - 55	SW8260B	ISOPROPYLBENZENE (CUMENE)	< 0.16	UG/L	0.16	ND	U	-
PD001HP013	PD001HP013-A-W02	N	07/07/05	103 - 108	SW8260B	ISOPROPYLBENZENE (CUMENE)	< 0.16	UG/L	0.16	ND	U	-
PD001HP013	PD001HP013-A-W01	N	07/07/05	0 - 5	SW8260B	ISOPROPYLBENZENE (CUMENE)	< 0.16	UG/L	0.16	ND	U	-
PD001HP012	PD001HP012-A-W01	N	07/11/05	0 - 5	SW8260B	ISOPROPYLCYCLOBUTANE	14	UG/L	0	TI	J	A
PD001HP007	PD001HP007-A-W01	N	07/08/05	0 - 5	SW8260B	M,P-XYLENE (SUM OF ISOMERS)	< 0.24	UG/L	0.24	ND	U	-
PD001HP007	PD001HP007-A-W02	N	07/08/05	103 - 108	SW8260B	M,P-XYLENE (SUM OF ISOMERS)	< 0.24	UG/L	0.24	ND	U	-
PD001HP008	PD001HP008-A-W01	N	07/11/05	5 - 10	SW8260B	M,P-XYLENE (SUM OF ISOMERS)	< 0.24	UG/L	0.24	ND	U	-
PD001HP009	PD001HP009-A-W02	N	07/08/05	105 - 110	SW8260B	M,P-XYLENE (SUM OF ISOMERS)	< 0.24	UG/L	0.24	ND	U	-
PD001HP009	PD001HP009-A-W01	N	07/08/05	0 - 5	SW8260B	M,P-XYLENE (SUM OF ISOMERS)	< 0.24	UG/L	0.24	ND	U	-
PD001HP010	PD001HP010-A-W02	N	07/07/05	44 - 49	SW8260B	M,P-XYLENE (SUM OF ISOMERS)	< 0.24	UG/L	0.24	ND	U	-
PD001HP010	PD001HP010-A-W01	N	07/07/05	5 - 10	SW8260B	M,P-XYLENE (SUM OF ISOMERS)	< 0.24	UG/L	0.24	ND	U	-
PD001HP011	PD001HP011-A-W01	N	07/07/05	0 - 5	SW8260B	M,P-XYLENE (SUM OF ISOMERS)	< 0.24	UG/L	0.24	ND	U	-
PD001HP011	PD001HP011-A-W02	N	07/07/05	105 - 110	SW8260B	M,P-XYLENE (SUM OF ISOMERS)	< 0.24	UG/L	0.24	ND	U	-
PD001HP012	PD001HP012-A-W01	N	07/11/05	0 - 5	SW8260B	M,P-XYLENE (SUM OF ISOMERS)	0.99	UG/L	0.24	TR	J	T
PD001HP012	PD001HP012-A-W02	N	07/11/05	50 - 55	SW8260B	M,P-XYLENE (SUM OF ISOMERS)	< 0.24	UG/L	0.24	ND	U	-

Appendix H, continued

Analytical Results for all Constituents in Groundwater

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Depth (FT)	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
PD001HP013	PD001HP013-A-W02	N	07/07/05	103 - 108	SW8260B	M,P-XYLENE (SUM OF ISOMERS)	< 0.24	UG/L	0.24	ND	U	-
PD001HP013	PD001HP013-A-W01	N	07/07/05	0 - 5	SW8260B	M,P-XYLENE (SUM OF ISOMERS)	< 0.24	UG/L	0.24	ND	U	-
PD001HP007	PD001HP007-A-W01	N	07/08/05	0 - 5	SW8260B	METHYL ETHYL KETONE (2-BUTANONE)	< 1.8	UG/L	1.8	ND	U	-
PD001HP007	PD001HP007-A-W02	N	07/08/05	103 - 108	SW8260B	METHYL ETHYL KETONE (2-BUTANONE)	< 1.8	UG/L	1.8	ND	U	-
PD001HP008	PD001HP008-A-W01	N	07/11/05	5 - 10	SW8260B	METHYL ETHYL KETONE (2-BUTANONE)	< 1.8	UG/L	1.8	ND	U	-
PD001HP009	PD001HP009-A-W02	N	07/08/05	105 - 110	SW8260B	METHYL ETHYL KETONE (2-BUTANONE)	< 1.8	UG/L	1.8	ND	U	-
PD001HP009	PD001HP009-A-W01	N	07/08/05	0 - 5	SW8260B	METHYL ETHYL KETONE (2-BUTANONE)	< 1.8	UG/L	1.8	ND	U	-
PD001HP010	PD001HP010-A-W02	N	07/07/05	44 - 49	SW8260B	METHYL ETHYL KETONE (2-BUTANONE)	< 1.8	UG/L	1.8	ND	U	-
PD001HP010	PD001HP010-A-W01	N	07/07/05	5 - 10	SW8260B	METHYL ETHYL KETONE (2-BUTANONE)	< 1.8	UG/L	1.8	ND	U	-
PD001HP011	PD001HP011-A-W01	N	07/07/05	0 - 5	SW8260B	METHYL ETHYL KETONE (2-BUTANONE)	< 1.8	UG/L	1.8	ND	U	-
PD001HP011	PD001HP011-A-W02	N	07/07/05	105 - 110	SW8260B	METHYL ETHYL KETONE (2-BUTANONE)	< 1.8	UG/L	1.8	ND	U	-
PD001HP012	PD001HP012-A-W01	N	07/11/05	0 - 5	SW8260B	METHYL ETHYL KETONE (2-BUTANONE)	< 1.8	UG/L	1.8	ND	U	-
PD001HP012	PD001HP012-A-W02	N	07/11/05	50 - 55	SW8260B	METHYL ETHYL KETONE (2-BUTANONE)	< 1.8	UG/L	1.8	ND	U	-
PD001HP013	PD001HP013-A-W02	N	07/07/05	103 - 108	SW8260B	METHYL ETHYL KETONE (2-BUTANONE)	< 1.8	UG/L	1.8	ND	U	-
PD001HP013	PD001HP013-A-W01	N	07/07/05	0 - 5	SW8260B	METHYL ETHYL KETONE (2-BUTANONE)	< 1.8	UG/L	1.8	ND	U	-
PD001HP007	PD001HP007-A-W01	N	07/08/05	0 - 5	SW8260B	THYL ISOBUTYL KETONE (4-METHYL-2-PENTANOI	< 1	UG/L	1	ND	U	-
PD001HP007	PD001HP007-A-W02	N	07/08/05	103 - 108	SW8260B	THYL ISOBUTYL KETONE (4-METHYL-2-PENTANOI	< 1	UG/L	1	ND	U	-
PD001HP008	PD001HP008-A-W01	N	07/11/05	5 - 10	SW8260B	THYL ISOBUTYL KETONE (4-METHYL-2-PENTANOI	< 1	UG/L	1	ND	U	-
PD001HP009	PD001HP009-A-W02	N	07/08/05	105 - 110	SW8260B	THYL ISOBUTYL KETONE (4-METHYL-2-PENTANOI	< 1	UG/L	1	ND	U	-
PD001HP009	PD001HP009-A-W01	N	07/08/05	0 - 5	SW8260B	THYL ISOBUTYL KETONE (4-METHYL-2-PENTANOI	< 1	UG/L	1	ND	U	-
PD001HP010	PD001HP010-A-W02	N	07/07/05	44 - 49	SW8260B	THYL ISOBUTYL KETONE (4-METHYL-2-PENTANOI	< 1	UG/L	1	ND	U	-
PD001HP010	PD001HP010-A-W01	N	07/07/05	5 - 10	SW8260B	THYL ISOBUTYL KETONE (4-METHYL-2-PENTANOI	< 1	UG/L	1	ND	U	-
PD001HP011	PD001HP011-A-W01	N	07/07/05	0 - 5	SW8260B	THYL ISOBUTYL KETONE (4-METHYL-2-PENTANOI	< 1	UG/L	1	ND	U	-
PD001HP011	PD001HP011-A-W02	N	07/07/05	105 - 110	SW8260B	THYL ISOBUTYL KETONE (4-METHYL-2-PENTANOI	< 1	UG/L	1	ND	U	-
PD001HP012	PD001HP012-A-W01	N	07/11/05	0 - 5	SW8260B	THYL ISOBUTYL KETONE (4-METHYL-2-PENTANOI	< 1	UG/L	1	ND	U	-
PD001HP012	PD001HP012-A-W02	N	07/11/05	50 - 55	SW8260B	THYL ISOBUTYL KETONE (4-METHYL-2-PENTANOI	< 1	UG/L	1	ND	U	-
PD001HP013	PD001HP013-A-W02	N	07/07/05	103 - 108	SW8260B	THYL ISOBUTYL KETONE (4-METHYL-2-PENTANOI	< 1	UG/L	1	ND	U	-

Appendix H, continued

Analytical Results for all Constituents in Groundwater

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Depth (FT)	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
PD001HP013	PD001HP013-A-W01	N	07/07/05	0 - 5	SW8260B	THYL ISOBUTYL KETONE (4-METHYL-2-PENTANOI	< 1	UG/L	1	ND	U	-
PD001HP007	PD001HP007-A-W01	N	07/08/05	0 - 5	SW8260B	METHYLCYCLOHEXANE	3.2	UG/L	0	TI	J	A
PD001HP011	PD001HP011-A-W01	N	07/07/05	0 - 5	SW8260B	METHYLCYCLOHEXANE	1.6	UG/L	0	TI	J	A
PD001HP012	PD001HP012-A-W01	N	07/11/05	0 - 5	SW8260B	METHYLCYCLOHEXANE	62	UG/L	0	TI	J	A
PD001HP007	PD001HP007-A-W01	N	07/08/05	0 - 5	SW8260B	METHYLCYCLOPENTANE	5	UG/L	0	TI	J	A
PD001HP012	PD001HP012-A-W01	N	07/11/05	0 - 5	SW8260B	METHYLCYCLOPENTANE	16	UG/L	0	TI	J	A
PD001HP008	PD001HP008-A-W01	N	07/11/05	5 - 10	SW8260B	METHYLDIHYDROINDENE	1.4	UG/L	0	TI	J	A
PD001HP012	PD001HP012-A-W01	N	07/11/05	0 - 5	SW8260B	METHYLDIHYDROINDENE	23	UG/L	0	TI	J	A
PD001HP007	PD001HP007-A-W01	N	07/08/05	0 - 5	SW8260B	METHYLENE CHLORIDE	< 0.12	UG/L	0.12	ND	U	-
PD001HP007	PD001HP007-A-W02	N	07/08/05	103 - 108	SW8260B	METHYLENE CHLORIDE	< 0.12	UG/L	0.12	ND	U	-
PD001HP008	PD001HP008-A-W01	N	07/11/05	5 - 10	SW8260B	METHYLENE CHLORIDE	< 0.12	UG/L	0.12	ND	U	-
PD001HP009	PD001HP009-A-W02	N	07/08/05	105 - 110	SW8260B	METHYLENE CHLORIDE	< 0.12	UG/L	0.12	ND	U	-
PD001HP009	PD001HP009-A-W01	N	07/08/05	0 - 5	SW8260B	METHYLENE CHLORIDE	< 0.12	UG/L	0.12	ND	U	-
PD001HP010	PD001HP010-A-W02	N	07/07/05	44 - 49	SW8260B	METHYLENE CHLORIDE	< 0.12	UG/L	0.12	ND	U	-
PD001HP010	PD001HP010-A-W01	N	07/07/05	5 - 10	SW8260B	METHYLENE CHLORIDE	< 0.12	UG/L	0.12	ND	U	-
PD001HP011	PD001HP011-A-W01	N	07/07/05	0 - 5	SW8260B	METHYLENE CHLORIDE	< 0.12	UG/L	0.12	ND	U	-
PD001HP011	PD001HP011-A-W02	N	07/07/05	105 - 110	SW8260B	METHYLENE CHLORIDE	< 0.12	UG/L	0.12	ND	U	-
PD001HP012	PD001HP012-A-W01	N	07/11/05	0 - 5	SW8260B	METHYLENE CHLORIDE	< 0.12	UG/L	0.12	ND	U	-
PD001HP012	PD001HP012-A-W02	N	07/11/05	50 - 55	SW8260B	METHYLENE CHLORIDE	< 0.12	UG/L	0.12	ND	U	-
PD001HP013	PD001HP013-A-W02	N	07/07/05	103 - 108	SW8260B	METHYLENE CHLORIDE	< 0.12	UG/L	0.12	ND	U	-
PD001HP013	PD001HP013-A-W01	N	07/07/05	0 - 5	SW8260B	METHYLENE CHLORIDE	< 0.12	UG/L	0.12	ND	U	-
B168HP003	B168HP003-A-W01	N	01/17/06	5 - 10	SW8015B	MOTOR OIL (C20-C36)	220	UG/L	33	TR	J	T
B168HP004	B168HP004-A-W01	N	01/17/06	5 - 10	SW8015B	MOTOR OIL (C20-C36)	< 29	UG/L	29	ND	U	-
B168HP005	B168HP005-A-W01	N	01/17/06	5 - 10	SW8015B	MOTOR OIL (C20-C36)	91	UG/L	31	TR	J	T
B168HP006	B168HP006-A-W01	N	01/17/06	5 - 10	SW8015B	MOTOR OIL (C20-C36)	50	UG/L	30	TR	J	T
B168HP007	B168HP007-A-W01	N	01/17/06	5 - 10	SW8015B	MOTOR OIL (C20-C36)	< 31	UG/L	31	ND	U	-
PD001HP007	PD001HP007-A-W01	N	07/08/05	0 - 5	SW8015B	MOTOR OIL (C20-C36)	53	UG/L	31	TR	J	T

Appendix H, continued

Analytical Results for all Constituents in Groundwater

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Depth (FT)	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
PD001HP007	PD001HP007-A-W02	N	07/08/05	**103 - 108**	SW8015B	MOTOR OIL (C20-C36)	< 32	UG/L	32	ND	U	-
PD001HP008	PD001HP008-A-W01	N	07/11/05	**5 - 10**	SW8015B	MOTOR OIL (C20-C36)	**190**	UG/L	31	TR	J	T
PD001HP009	PD001HP009-A-W02	N	07/08/05	**105 - 110**	SW8015B	MOTOR OIL (C20-C36)	**200**	UG/L	31	TR	J	T
PD001HP009	PD001HP009-A-W01	N	07/08/05	**0 - 5**	SW8015B	MOTOR OIL (C20-C36)	**220**	UG/L	31	TR	J	T
PD001HP010	PD001HP010-A-W02	N	07/07/05	**44 - 49**	SW8015B	MOTOR OIL (C20-C36)	**68**	UG/L	29	TR	J	T
PD001HP010	PD001HP010-A-W01	N	07/07/05	**5 - 10**	SW8015B	MOTOR OIL (C20-C36)	**150**	UG/L	29	TR	J	T
PD001HP011	PD001HP011-A-W01	N	07/07/05	**0 - 5**	SW8015B	MOTOR OIL (C20-C36)	**220**	UG/L	29	TR	J	T
PD001HP011	PD001HP011-A-W02	N	07/07/05	**105 - 110**	SW8015B	MOTOR OIL (C20-C36)	< 30	UG/L	30	ND	U	-
PD001HP012	PD001HP012-A-W01	N	07/11/05	**0 - 5**	SW8015B	MOTOR OIL (C20-C36)	**1400**	UG/L	32	=	-	-
PD001HP012	PD001HP012-A-W02	N	07/11/05	**50 - 55**	SW8015B	MOTOR OIL (C20-C36)	**58**	UG/L	31	TR	J	T
PD001HP013	PD001HP013-A-W02	N	07/07/05	**103 - 108**	SW8015B	MOTOR OIL (C20-C36)	< 37	UG/L	37	ND	U	-
PD001HP013	PD001HP013-A-W01	N	07/07/05	**0 - 5**	SW8015B	MOTOR OIL (C20-C36)	**890**	UG/L	30	=	-	-
PD001HP007	PD001HP007-A-W01	N	07/08/05	**0 - 5**	SW8260B	NAPHTHALENE	< 0.27	UG/L	0.27	ND	U	-
PD001HP007	PD001HP007-A-W02	N	07/08/05	**103 - 108**	SW8260B	NAPHTHALENE	< 0.27	UG/L	0.27	ND	U	-
PD001HP008	PD001HP008-A-W01	N	07/11/05	**5 - 10**	SW8260B	NAPHTHALENE	< 0.27	UG/L	0.27	ND	U	-
PD001HP009	PD001HP009-A-W02	N	07/08/05	**105 - 110**	SW8260B	NAPHTHALENE	< 0.27	UG/L	0.27	ND	U	-
PD001HP009	PD001HP009-A-W01	N	07/08/05	**0 - 5**	SW8260B	NAPHTHALENE	< 0.27	UG/L	0.27	ND	U	-
PD001HP010	PD001HP010-A-W02	N	07/07/05	**44 - 49**	SW8260B	NAPHTHALENE	< 0.27	UG/L	0.27	ND	U	-
PD001HP010	PD001HP010-A-W01	N	07/07/05	**5 - 10**	SW8260B	NAPHTHALENE	< 0.27	UG/L	0.27	ND	U	-
PD001HP011	PD001HP011-A-W01	N	07/07/05	**0 - 5**	SW8260B	NAPHTHALENE	< 0.27	UG/L	0.27	ND	U	-
PD001HP011	PD001HP011-A-W02	N	07/07/05	**105 - 110**	SW8260B	NAPHTHALENE	< 0.27	UG/L	0.27	ND	U	-
PD001HP012	PD001HP012-A-W01	N	07/11/05	**0 - 5**	SW8260B	NAPHTHALENE	**7.1**	UG/L	0.27	=	-	-
PD001HP012	PD001HP012-A-W02	N	07/11/05	**50 - 55**	SW8260B	NAPHTHALENE	< 0.27	UG/L	0.27	ND	U	-
PD001HP013	PD001HP013-A-W02	N	07/07/05	**103 - 108**	SW8260B	NAPHTHALENE	< 0.27	UG/L	0.27	ND	U	-
PD001HP013	PD001HP013-A-W01	N	07/07/05	**0 - 5**	SW8260B	NAPHTHALENE	< 0.27	UG/L	0.27	ND	U	-
PD001HP007	PD001HP007-A-W01	N	07/08/05	**0 - 5**	SW8260B	n-BUTYLBENZENE	< 0.14	UG/L	0.14	ND	U	-
PD001HP007	PD001HP007-A-W02	N	07/08/05	**103 - 108**	SW8260B	n-BUTYLBENZENE	< 0.14	UG/L	0.14	ND	U	-

Appendix H, continued

Analytical Results for all Constituents in Groundwater

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Depth (FT)	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
PD001HP008	PD001HP008-A-W01	N	07/11/05	5 - 10	SW8260B	n-BUTYLBENZENE	< 0.14	UG/L	0.14	ND	U	-
PD001HP009	PD001HP009-A-W02	N	07/08/05	105 - 110	SW8260B	n-BUTYLBENZENE	< 0.14	UG/L	0.14	ND	U	-
PD001HP009	PD001HP009-A-W01	N	07/08/05	0 - 5	SW8260B	n-BUTYLBENZENE	< 0.14	UG/L	0.14	ND	U	-
PD001HP010	PD001HP010-A-W02	N	07/07/05	44 - 49	SW8260B	n-BUTYLBENZENE	< 0.14	UG/L	0.14	ND	U	-
PD001HP010	PD001HP010-A-W01	N	07/07/05	5 - 10	SW8260B	n-BUTYLBENZENE	< 0.14	UG/L	0.14	ND	U	-
PD001HP011	PD001HP011-A-W01	N	07/07/05	0 - 5	SW8260B	n-BUTYLBENZENE	< 0.14	UG/L	0.14	ND	U	-
PD001HP011	PD001HP011-A-W02	N	07/07/05	105 - 110	SW8260B	n-BUTYLBENZENE	< 0.14	UG/L	0.14	ND	U	-
PD001HP012	PD001HP012-A-W01	N	07/11/05	0 - 5	SW8260B	n-BUTYLBENZENE	10	UG/L	0.14	=	-	-
PD001HP012	PD001HP012-A-W02	N	07/11/05	50 - 55	SW8260B	n-BUTYLBENZENE	< 0.14	UG/L	0.14	ND	U	-
PD001HP013	PD001HP013-A-W02	N	07/07/05	103 - 108	SW8260B	n-BUTYLBENZENE	< 0.14	UG/L	0.14	ND	U	-
PD001HP013	PD001HP013-A-W01	N	07/07/05	0 - 5	SW8260B	n-BUTYLBENZENE	< 0.14	UG/L	0.14	ND	U	-
PD001HP007	PD001HP007-A-W01	N	07/08/05	0 - 5	SW8260B	N-PENTANE(C5)	3.5	UG/L	0	TI	J	A
PD001HP007	PD001HP007-A-W01	N	07/08/05	0 - 5	SW8260B	n-PROPYLBENZENE	< 0.15	UG/L	0.15	ND	U	-
PD001HP007	PD001HP007-A-W02	N	07/08/05	103 - 108	SW8260B	n-PROPYLBENZENE	< 0.15	UG/L	0.15	ND	U	-
PD001HP008	PD001HP008-A-W01	N	07/11/05	5 - 10	SW8260B	n-PROPYLBENZENE	< 0.15	UG/L	0.15	ND	U	-
PD001HP009	PD001HP009-A-W02	N	07/08/05	105 - 110	SW8260B	n-PROPYLBENZENE	< 0.15	UG/L	0.15	ND	U	-
PD001HP009	PD001HP009-A-W01	N	07/08/05	0 - 5	SW8260B	n-PROPYLBENZENE	< 0.15	UG/L	0.15	ND	U	-
PD001HP010	PD001HP010-A-W02	N	07/07/05	44 - 49	SW8260B	n-PROPYLBENZENE	< 0.15	UG/L	0.15	ND	U	-
PD001HP010	PD001HP010-A-W01	N	07/07/05	5 - 10	SW8260B	n-PROPYLBENZENE	< 0.15	UG/L	0.15	ND	U	-
PD001HP011	PD001HP011-A-W01	N	07/07/05	0 - 5	SW8260B	n-PROPYLBENZENE	< 0.15	UG/L	0.15	ND	U	-
PD001HP011	PD001HP011-A-W02	N	07/07/05	105 - 110	SW8260B	n-PROPYLBENZENE	< 0.15	UG/L	0.15	ND	U	-
PD001HP012	PD001HP012-A-W01	N	07/11/05	0 - 5	SW8260B	n-PROPYLBENZENE	38	UG/L	0.15	=	-	-
PD001HP012	PD001HP012-A-W02	N	07/11/05	50 - 55	SW8260B	n-PROPYLBENZENE	0.16	UG/L	0.15	TR	J	T
PD001HP013	PD001HP013-A-W02	N	07/07/05	103 - 108	SW8260B	n-PROPYLBENZENE	< 0.15	UG/L	0.15	ND	U	-
PD001HP013	PD001HP013-A-W01	N	07/07/05	0 - 5	SW8260B	n-PROPYLBENZENE	< 0.15	UG/L	0.15	ND	U	-
PD001HP007	PD001HP007-A-W01	N	07/08/05	0 - 5	SW8260B	O-XYLENE (1,2-DIMETHYLBENZENE)	0.25	UG/L	0.12	TR	J	T
PD001HP007	PD001HP007-A-W02	N	07/08/05	103 - 108	SW8260B	O-XYLENE (1,2-DIMETHYLBENZENE)	< 0.12	UG/L	0.12	ND	U	-

Appendix H, continued

Analytical Results for all Constituents in Groundwater

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Depth (FT)	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
PD001HP008	PD001HP008-A-W01	N	07/11/05	**5 - 10**	SW8260B	O-XYLENE (1,2-DIMETHYLBENZENE)	< 0.12	UG/L	0.12	ND	U	-
PD001HP009	PD001HP009-A-W02	N	07/08/05	**105 - 110**	SW8260B	O-XYLENE (1,2-DIMETHYLBENZENE)	< 0.12	UG/L	0.12	ND	U	-
PD001HP009	PD001HP009-A-W01	N	07/08/05	**0 - 5**	SW8260B	O-XYLENE (1,2-DIMETHYLBENZENE)	< 0.12	UG/L	0.12	ND	U	-
PD001HP010	PD001HP010-A-W02	N	07/07/05	**44 - 49**	SW8260B	O-XYLENE (1,2-DIMETHYLBENZENE)	< 0.12	UG/L	0.12	ND	U	-
PD001HP010	PD001HP010-A-W01	N	07/07/05	**5 - 10**	SW8260B	O-XYLENE (1,2-DIMETHYLBENZENE)	< 0.12	UG/L	0.12	ND	U	-
PD001HP011	PD001HP011-A-W01	N	07/07/05	**0 - 5**	SW8260B	O-XYLENE (1,2-DIMETHYLBENZENE)	**0.18**	UG/L	0.12	TR	J	T
PD001HP011	PD001HP011-A-W02	N	07/07/05	**105 - 110**	SW8260B	O-XYLENE (1,2-DIMETHYLBENZENE)	< 0.12	UG/L	0.12	ND	U	-
PD001HP012	PD001HP012-A-W01	N	07/11/05	**0 - 5**	SW8260B	O-XYLENE (1,2-DIMETHYLBENZENE)	**0.97**	UG/L	0.12	TR	J	T
PD001HP012	PD001HP012-A-W02	N	07/11/05	**50 - 55**	SW8260B	O-XYLENE (1,2-DIMETHYLBENZENE)	< 0.12	UG/L	0.12	ND	U	-
PD001HP013	PD001HP013-A-W02	N	07/07/05	**103 - 108**	SW8260B	O-XYLENE (1,2-DIMETHYLBENZENE)	< 0.12	UG/L	0.12	ND	U	-
PD001HP013	PD001HP013-A-W01	N	07/07/05	**0 - 5**	SW8260B	O-XYLENE (1,2-DIMETHYLBENZENE)	< 0.12	UG/L	0.12	ND	U	-
PD001HP007	PD001HP007-A-W01	N	07/08/05	**0 - 5**	SW8260B	P-CYMENE (p-ISOPROPYLTOLUENE)	< 0.18	UG/L	0.18	ND	U	-
PD001HP007	PD001HP007-A-W02	N	07/08/05	**103 - 108**	SW8260B	P-CYMENE (p-ISOPROPYLTOLUENE)	< 0.18	UG/L	0.18	ND	U	-
PD001HP008	PD001HP008-A-W01	N	07/11/05	**5 - 10**	SW8260B	P-CYMENE (p-ISOPROPYLTOLUENE)	**13**	UG/L	0.18	=	-	-
PD001HP009	PD001HP009-A-W02	N	07/08/05	**105 - 110**	SW8260B	P-CYMENE (p-ISOPROPYLTOLUENE)	< 0.18	UG/L	0.18	ND	U	-
PD001HP009	PD001HP009-A-W01	N	07/08/05	**0 - 5**	SW8260B	P-CYMENE (p-ISOPROPYLTOLUENE)	< 0.18	UG/L	0.18	ND	U	-
PD001HP010	PD001HP010-A-W02	N	07/07/05	**44 - 49**	SW8260B	P-CYMENE (p-ISOPROPYLTOLUENE)	< 0.18	UG/L	0.18	ND	U	-
PD001HP010	PD001HP010-A-W01	N	07/07/05	**5 - 10**	SW8260B	P-CYMENE (p-ISOPROPYLTOLUENE)	**0.29**	UG/L	0.18	TR	J	T
PD001HP011	PD001HP011-A-W01	N	07/07/05	**0 - 5**	SW8260B	P-CYMENE (p-ISOPROPYLTOLUENE)	< 0.18	UG/L	0.18	ND	U	-
PD001HP011	PD001HP011-A-W02	N	07/07/05	**105 - 110**	SW8260B	P-CYMENE (p-ISOPROPYLTOLUENE)	< 0.18	UG/L	0.18	ND	U	-
PD001HP012	PD001HP012-A-W01	N	07/11/05	**0 - 5**	SW8260B	P-CYMENE (p-ISOPROPYLTOLUENE)	**2.6**	UG/L	0.18	=	-	-
PD001HP012	PD001HP012-A-W02	N	07/11/05	**50 - 55**	SW8260B	P-CYMENE (p-ISOPROPYLTOLUENE)	< 0.18	UG/L	0.18	ND	U	-
PD001HP013	PD001HP013-A-W02	N	07/07/05	**103 - 108**	SW8260B	P-CYMENE (p-ISOPROPYLTOLUENE)	< 0.18	UG/L	0.18	ND	U	-
PD001HP013	PD001HP013-A-W01	N	07/07/05	**0 - 5**	SW8260B	P-CYMENE (p-ISOPROPYLTOLUENE)	< 0.18	UG/L	0.18	ND	U	-
PD001HP007	PD001HP007-A-W01	N	07/08/05	**0 - 5**	SW8260B	SEC-BUTYLBENZENE	< 0.18	UG/L	0.18	ND	U	-
PD001HP007	PD001HP007-A-W02	N	07/08/05	**103 - 108**	SW8260B	SEC-BUTYLBENZENE	< 0.18	UG/L	0.18	ND	U	-
PD001HP008	PD001HP008-A-W01	N	07/11/05	**5 - 10**	SW8260B	SEC-BUTYLBENZENE	< 0.18	UG/L	0.18	ND	U	-

Appendix H, continued

Analytical Results for all Constituents in Groundwater

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Depth (FT)	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
PD001HP009	PD001HP009-A-W02	N	07/08/05	105 - 110	SW8260B	SEC-BUTYLBENZENE	< 0.18	UG/L	0.18	ND	U	-
PD001HP009	PD001HP009-A-W01	N	07/08/05	0 - 5	SW8260B	SEC-BUTYLBENZENE	< 0.18	UG/L	0.18	ND	U	-
PD001HP010	PD001HP010-A-W02	N	07/07/05	44 - 49	SW8260B	SEC-BUTYLBENZENE	< 0.18	UG/L	0.18	ND	U	-
PD001HP010	PD001HP010-A-W01	N	07/07/05	5 - 10	SW8260B	SEC-BUTYLBENZENE	< 0.18	UG/L	0.18	ND	U	-
PD001HP011	PD001HP011-A-W01	N	07/07/05	0 - 5	SW8260B	SEC-BUTYLBENZENE	< 0.18	UG/L	0.18	ND	U	-
PD001HP011	PD001HP011-A-W02	N	07/07/05	105 - 110	SW8260B	SEC-BUTYLBENZENE	< 0.18	UG/L	0.18	ND	U	-
PD001HP012	PD001HP012-A-W01	N	07/11/05	0 - 5	SW8260B	SEC-BUTYLBENZENE	8.3	UG/L	0.18	=	-	-
PD001HP012	PD001HP012-A-W02	N	07/11/05	50 - 55	SW8260B	SEC-BUTYLBENZENE	< 0.18	UG/L	0.18	ND	U	-
PD001HP013	PD001HP013-A-W02	N	07/07/05	103 - 108	SW8260B	SEC-BUTYLBENZENE	< 0.18	UG/L	0.18	ND	U	-
PD001HP013	PD001HP013-A-W01	N	07/07/05	0 - 5	SW8260B	SEC-BUTYLBENZENE	< 0.18	UG/L	0.18	ND	U	-
PD001HP007	PD001HP007-A-W01	N	07/08/05	0 - 5	SW8260B	STYRENE	< 0.11	UG/L	0.11	ND	U	-
PD001HP007	PD001HP007-A-W02	N	07/08/05	103 - 108	SW8260B	STYRENE	< 0.11	UG/L	0.11	ND	U	-
PD001HP008	PD001HP008-A-W01	N	07/11/05	5 - 10	SW8260B	STYRENE	< 0.11	UG/L	0.11	ND	U	-
PD001HP009	PD001HP009-A-W02	N	07/08/05	105 - 110	SW8260B	STYRENE	< 0.11	UG/L	0.11	ND	U	-
PD001HP009	PD001HP009-A-W01	N	07/08/05	0 - 5	SW8260B	STYRENE	< 0.11	UG/L	0.11	ND	U	-
PD001HP010	PD001HP010-A-W02	N	07/07/05	44 - 49	SW8260B	STYRENE	< 0.11	UG/L	0.11	ND	U	-
PD001HP010	PD001HP010-A-W01	N	07/07/05	5 - 10	SW8260B	STYRENE	< 0.11	UG/L	0.11	ND	U	-
PD001HP011	PD001HP011-A-W01	N	07/07/05	0 - 5	SW8260B	STYRENE	< 0.11	UG/L	0.11	ND	U	-
PD001HP011	PD001HP011-A-W02	N	07/07/05	105 - 110	SW8260B	STYRENE	< 0.11	UG/L	0.11	ND	U	-
PD001HP012	PD001HP012-A-W01	N	07/11/05	0 - 5	SW8260B	STYRENE	< 0.11	UG/L	0.11	ND	U	-
PD001HP012	PD001HP012-A-W02	N	07/11/05	50 - 55	SW8260B	STYRENE	< 0.11	UG/L	0.11	ND	U	-
PD001HP013	PD001HP013-A-W02	N	07/07/05	103 - 108	SW8260B	STYRENE	< 0.11	UG/L	0.11	ND	U	-
PD001HP013	PD001HP013-A-W01	N	07/07/05	0 - 5	SW8260B	STYRENE	< 0.11	UG/L	0.11	ND	U	-
PD001HP007	PD001HP007-A-W01	N	07/08/05	0 - 5	SW8260B	t-BUTYLBENZENE	< 0.13	UG/L	0.13	ND	U	-
PD001HP007	PD001HP007-A-W02	N	07/08/05	103 - 108	SW8260B	t-BUTYLBENZENE	< 0.13	UG/L	0.13	ND	U	-
PD001HP008	PD001HP008-A-W01	N	07/11/05	5 - 10	SW8260B	t-BUTYLBENZENE	< 0.13	UG/L	0.13	ND	U	-
PD001HP009	PD001HP009-A-W02	N	07/08/05	105 - 110	SW8260B	t-BUTYLBENZENE	< 0.13	UG/L	0.13	ND	U	-

Appendix H, continued

Analytical Results for all Constituents in Groundwater

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Depth (FT)	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
PD001HP009	PD001HP009-A-W01	N	07/08/05	0 - 5	SW8260B	t-BUTYLBENZENE	< 0.13	UG/L	0.13	ND	U	-
PD001HP010	PD001HP010-A-W02	N	07/07/05	44 - 49	SW8260B	t-BUTYLBENZENE	< 0.13	UG/L	0.13	ND	U	-
PD001HP010	PD001HP010-A-W01	N	07/07/05	5 - 10	SW8260B	t-BUTYLBENZENE	< 0.13	UG/L	0.13	ND	U	-
PD001HP011	PD001HP011-A-W01	N	07/07/05	0 - 5	SW8260B	t-BUTYLBENZENE	< 0.13	UG/L	0.13	ND	U	-
PD001HP011	PD001HP011-A-W02	N	07/07/05	105 - 110	SW8260B	t-BUTYLBENZENE	< 0.13	UG/L	0.13	ND	U	-
PD001HP012	PD001HP012-A-W01	N	07/11/05	0 - 5	SW8260B	t-BUTYLBENZENE	1.8	UG/L	0.13	=	-	-
PD001HP012	PD001HP012-A-W02	N	07/11/05	50 - 55	SW8260B	t-BUTYLBENZENE	< 0.13	UG/L	0.13	ND	U	-
PD001HP013	PD001HP013-A-W02	N	07/07/05	103 - 108	SW8260B	t-BUTYLBENZENE	< 0.13	UG/L	0.13	ND	U	-
PD001HP013	PD001HP013-A-W01	N	07/07/05	0 - 5	SW8260B	t-BUTYLBENZENE	< 0.13	UG/L	0.13	ND	U	-
PD001HP007	PD001HP007-A-W01	N	07/08/05	0 - 5	SW8260B	TERT-AMYL METHYL ETHER	< 0.15	UG/L	0.15	ND	U	-
PD001HP007	PD001HP007-A-W02	N	07/08/05	103 - 108	SW8260B	TERT-AMYL METHYL ETHER	< 0.15	UG/L	0.15	ND	U	-
PD001HP008	PD001HP008-A-W01	N	07/11/05	5 - 10	SW8260B	TERT-AMYL METHYL ETHER	< 0.15	UG/L	0.15	ND	U	-
PD001HP009	PD001HP009-A-W02	N	07/08/05	105 - 110	SW8260B	TERT-AMYL METHYL ETHER	< 0.15	UG/L	0.15	ND	U	-
PD001HP009	PD001HP009-A-W01	N	07/08/05	0 - 5	SW8260B	TERT-AMYL METHYL ETHER	< 0.15	UG/L	0.15	ND	U	-
PD001HP010	PD001HP010-A-W02	N	07/07/05	44 - 49	SW8260B	TERT-AMYL METHYL ETHER	< 0.15	UG/L	0.15	ND	U	-
PD001HP010	PD001HP010-A-W01	N	07/07/05	5 - 10	SW8260B	TERT-AMYL METHYL ETHER	< 0.15	UG/L	0.15	ND	U	-
PD001HP011	PD001HP011-A-W01	N	07/07/05	0 - 5	SW8260B	TERT-AMYL METHYL ETHER	< 0.15	UG/L	0.15	ND	U	-
PD001HP011	PD001HP011-A-W02	N	07/07/05	105 - 110	SW8260B	TERT-AMYL METHYL ETHER	< 0.15	UG/L	0.15	ND	U	-
PD001HP012	PD001HP012-A-W01	N	07/11/05	0 - 5	SW8260B	TERT-AMYL METHYL ETHER	< 0.15	UG/L	0.15	ND	U	-
PD001HP012	PD001HP012-A-W02	N	07/11/05	50 - 55	SW8260B	TERT-AMYL METHYL ETHER	< 0.15	UG/L	0.15	ND	U	-
PD001HP013	PD001HP013-A-W02	N	07/07/05	103 - 108	SW8260B	TERT-AMYL METHYL ETHER	< 0.15	UG/L	0.15	ND	U	-
PD001HP013	PD001HP013-A-W01	N	07/07/05	0 - 5	SW8260B	TERT-AMYL METHYL ETHER	< 0.15	UG/L	0.15	ND	U	-
PD001HP007	PD001HP007-A-W01	N	07/08/05	0 - 5	SW8260B	TERT-BUTYL ETHYL ETHER	< 0.12	UG/L	0.12	ND	U	-
PD001HP007	PD001HP007-A-W02	N	07/08/05	103 - 108	SW8260B	TERT-BUTYL ETHYL ETHER	< 0.12	UG/L	0.12	ND	U	-
PD001HP008	PD001HP008-A-W01	N	07/11/05	5 - 10	SW8260B	TERT-BUTYL ETHYL ETHER	< 0.12	UG/L	0.12	ND	U	-
PD001HP009	PD001HP009-A-W02	N	07/08/05	105 - 110	SW8260B	TERT-BUTYL ETHYL ETHER	< 0.12	UG/L	0.12	ND	U	-
PD001HP009	PD001HP009-A-W01	N	07/08/05	0 - 5	SW8260B	TERT-BUTYL ETHYL ETHER	< 0.12	UG/L	0.12	ND	U	-

Appendix H, continued

Analytical Results for all Constituents in Groundwater

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Depth (FT)	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
PD001HP010	PD001HP010-A-W02	N	07/07/05	44 - 49	SW8260B	TERT-BUTYL ETHYL ETHER	< 0.12	UG/L	0.12	ND	U	-
PD001HP010	PD001HP010-A-W01	N	07/07/05	5 - 10	SW8260B	TERT-BUTYL ETHYL ETHER	< 0.12	UG/L	0.12	ND	U	-
PD001HP011	PD001HP011-A-W01	N	07/07/05	0 - 5	SW8260B	TERT-BUTYL ETHYL ETHER	< 0.12	UG/L	0.12	ND	U	-
PD001HP011	PD001HP011-A-W02	N	07/07/05	105 - 110	SW8260B	TERT-BUTYL ETHYL ETHER	< 0.12	UG/L	0.12	ND	U	-
PD001HP012	PD001HP012-A-W01	N	07/11/05	0 - 5	SW8260B	TERT-BUTYL ETHYL ETHER	< 0.12	UG/L	0.12	ND	U	-
PD001HP012	PD001HP012-A-W02	N	07/11/05	50 - 55	SW8260B	TERT-BUTYL ETHYL ETHER	< 0.12	UG/L	0.12	ND	U	-
PD001HP013	PD001HP013-A-W02	N	07/07/05	103 - 108	SW8260B	TERT-BUTYL ETHYL ETHER	< 0.12	UG/L	0.12	ND	U	-
PD001HP013	PD001HP013-A-W01	N	07/07/05	0 - 5	SW8260B	TERT-BUTYL ETHYL ETHER	< 0.12	UG/L	0.12	ND	U	-
PD001HP007	PD001HP007-A-W01	N	07/08/05	0 - 5	SW8260B	tert-BUTYL METHYL ETHER	< 0.13	UG/L	0.13	ND	U	-
PD001HP007	PD001HP007-A-W02	N	07/08/05	103 - 108	SW8260B	tert-BUTYL METHYL ETHER	< 0.13	UG/L	0.13	ND	U	-
PD001HP008	PD001HP008-A-W01	N	07/11/05	5 - 10	SW8260B	tert-BUTYL METHYL ETHER	4	UG/L	0.13	=	-	-
PD001HP009	PD001HP009-A-W02	N	07/08/05	105 - 110	SW8260B	tert-BUTYL METHYL ETHER	< 0.13	UG/L	0.13	ND	U	-
PD001HP009	PD001HP009-A-W01	N	07/08/05	0 - 5	SW8260B	tert-BUTYL METHYL ETHER	< 0.13	UG/L	0.13	ND	U	-
PD001HP010	PD001HP010-A-W02	N	07/07/05	44 - 49	SW8260B	tert-BUTYL METHYL ETHER	< 0.13	UG/L	0.13	ND	U	-
PD001HP010	PD001HP010-A-W01	N	07/07/05	5 - 10	SW8260B	tert-BUTYL METHYL ETHER	1.5	UG/L	0.13	=	-	-
PD001HP011	PD001HP011-A-W01	N	07/07/05	0 - 5	SW8260B	tert-BUTYL METHYL ETHER	< 0.13	UG/L	0.13	ND	U	-
PD001HP011	PD001HP011-A-W02	N	07/07/05	105 - 110	SW8260B	tert-BUTYL METHYL ETHER	< 0.13	UG/L	0.13	ND	U	-
PD001HP012	PD001HP012-A-W01	N	07/11/05	0 - 5	SW8260B	tert-BUTYL METHYL ETHER	< 0.13	UG/L	0.13	ND	U	-
PD001HP012	PD001HP012-A-W02	N	07/11/05	50 - 55	SW8260B	tert-BUTYL METHYL ETHER	< 0.13	UG/L	0.13	ND	U	-
PD001HP013	PD001HP013-A-W02	N	07/07/05	103 - 108	SW8260B	tert-BUTYL METHYL ETHER	< 0.13	UG/L	0.13	ND	U	-
PD001HP013	PD001HP013-A-W01	N	07/07/05	0 - 5	SW8260B	tert-BUTYL METHYL ETHER	< 0.13	UG/L	0.13	ND	U	-
PD001HP007	PD001HP007-A-W01	N	07/08/05	0 - 5	SW8260B	TETRACHLOROETHYLENE(PCE)	< 0.18	UG/L	0.18	ND	U	-
PD001HP007	PD001HP007-A-W02	N	07/08/05	103 - 108	SW8260B	TETRACHLOROETHYLENE(PCE)	< 0.18	UG/L	0.18	ND	U	-
PD001HP008	PD001HP008-A-W01	N	07/11/05	5 - 10	SW8260B	TETRACHLOROETHYLENE(PCE)	< 0.18	UG/L	0.18	ND	U	-
PD001HP009	PD001HP009-A-W02	N	07/08/05	105 - 110	SW8260B	TETRACHLOROETHYLENE(PCE)	< 0.18	UG/L	0.18	ND	U	-
PD001HP009	PD001HP009-A-W01	N	07/08/05	0 - 5	SW8260B	TETRACHLOROETHYLENE(PCE)	< 0.18	UG/L	0.18	ND	U	-
PD001HP010	PD001HP010-A-W02	N	07/07/05	44 - 49	SW8260B	TETRACHLOROETHYLENE(PCE)	< 0.18	UG/L	0.18	ND	U	-

Appendix H, continued

Analytical Results for all Constituents in Groundwater

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Depth (FT)	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
PD001HP010	PD001HP010-A-W01	N	07/07/05	5 - 10	SW8260B	TETRACHLOROETHYLENE(PCE)	< 0.18	UG/L	0.18	ND	U	-
PD001HP011	PD001HP011-A-W01	N	07/07/05	0 - 5	SW8260B	TETRACHLOROETHYLENE(PCE)	< 0.18	UG/L	0.18	ND	U	-
PD001HP011	PD001HP011-A-W02	N	07/07/05	105 - 110	SW8260B	TETRACHLOROETHYLENE(PCE)	< 0.18	UG/L	0.18	ND	U	-
PD001HP012	PD001HP012-A-W01	N	07/11/05	0 - 5	SW8260B	TETRACHLOROETHYLENE(PCE)	< 0.18	UG/L	0.18	ND	U	-
PD001HP012	PD001HP012-A-W02	N	07/11/05	50 - 55	SW8260B	TETRACHLOROETHYLENE(PCE)	< 0.18	UG/L	0.18	ND	U	-
PD001HP013	PD001HP013-A-W02	N	07/07/05	103 - 108	SW8260B	TETRACHLOROETHYLENE(PCE)	< 0.18	UG/L	0.18	ND	U	-
PD001HP013	PD001HP013-A-W01	N	07/07/05	0 - 5	SW8260B	TETRACHLOROETHYLENE(PCE)	< 0.18	UG/L	0.18	ND	U	-
PD001HP007	PD001HP007-A-W01	N	07/08/05	0 - 5	SW8260B	TOLUENE	**0.57**	UG/L	0.12	TR	J	T
PD001HP007	PD001HP007-A-W02	N	07/08/05	103 - 108	SW8260B	TOLUENE	< 0.12	UG/L	0.12	ND	U	-
PD001HP008	PD001HP008-A-W01	N	07/11/05	5 - 10	SW8260B	TOLUENE	**0.17**	UG/L	0.12	TR	J	T
PD001HP009	PD001HP009-A-W02	N	07/08/05	105 - 110	SW8260B	TOLUENE	< 0.12	UG/L	0.12	ND	U	-
PD001HP009	PD001HP009-A-W01	N	07/08/05	0 - 5	SW8260B	TOLUENE	< 0.12	UG/L	0.12	ND	U	-
PD001HP010	PD001HP010-A-W02	N	07/07/05	44 - 49	SW8260B	TOLUENE	< 0.12	UG/L	0.12	ND	U	-
PD001HP010	PD001HP010-A-W01	N	07/07/05	5 - 10	SW8260B	TOLUENE	< 0.12	UG/L	0.12	ND	U	-
PD001HP011	PD001HP011-A-W01	N	07/07/05	0 - 5	SW8260B	TOLUENE	< 0.12	UG/L	0.12	ND	U	-
PD001HP011	PD001HP011-A-W02	N	07/07/05	105 - 110	SW8260B	TOLUENE	< 0.12	UG/L	0.12	ND	U	-
PD001HP012	PD001HP012-A-W01	N	07/11/05	0 - 5	SW8260B	TOLUENE	**2**	UG/L	0.12	=	-	-
PD001HP012	PD001HP012-A-W02	N	07/11/05	50 - 55	SW8260B	TOLUENE	< 0.12	UG/L	0.12	ND	U	-
PD001HP013	PD001HP013-A-W02	N	07/07/05	103 - 108	SW8260B	TOLUENE	< 0.12	UG/L	0.12	ND	U	-
PD001HP013	PD001HP013-A-W01	N	07/07/05	0 - 5	SW8260B	TOLUENE	< 0.12	UG/L	0.12	ND	U	-
PD001HP007	PD001HP007-A-W01	N	07/08/05	0 - 5	SW8260B	trans-1,2-DICHLOROETHENE	**0.36**	UG/L	0.15	TR	J	T
PD001HP007	PD001HP007-A-W02	N	07/08/05	103 - 108	SW8260B	trans-1,2-DICHLOROETHENE	< 0.15	UG/L	0.15	ND	U	-
PD001HP008	PD001HP008-A-W01	N	07/11/05	5 - 10	SW8260B	trans-1,2-DICHLOROETHENE	< 0.15	UG/L	0.15	ND	U	-
PD001HP009	PD001HP009-A-W02	N	07/08/05	105 - 110	SW8260B	trans-1,2-DICHLOROETHENE	< 0.15	UG/L	0.15	ND	U	-
PD001HP009	PD001HP009-A-W01	N	07/08/05	0 - 5	SW8260B	trans-1,2-DICHLOROETHENE	< 0.15	UG/L	0.15	ND	U	-
PD001HP010	PD001HP010-A-W02	N	07/07/05	44 - 49	SW8260B	trans-1,2-DICHLOROETHENE	< 0.15	UG/L	0.15	ND	U	-
PD001HP010	PD001HP010-A-W01	N	07/07/05	5 - 10	SW8260B	trans-1,2-DICHLOROETHENE	< 0.15	UG/L	0.15	ND	U	-

Appendix H, continued

Analytical Results for all Constituents in Groundwater

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Depth (FT)	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
PD001HP011	PD001HP011-A-W01	N	07/07/05	0 - 5	SW8260B	trans-1,2-DICHLOROETHENE	< 0.15	UG/L	0.15	ND	U	-
PD001HP011	PD001HP011-A-W02	N	07/07/05	105 - 110	SW8260B	trans-1,2-DICHLOROETHENE	< 0.15	UG/L	0.15	ND	U	-
PD001HP012	PD001HP012-A-W01	N	07/11/05	0 - 5	SW8260B	trans-1,2-DICHLOROETHENE	< 0.15	UG/L	0.15	ND	U	-
PD001HP012	PD001HP012-A-W02	N	07/11/05	50 - 55	SW8260B	trans-1,2-DICHLOROETHENE	< 0.15	UG/L	0.15	ND	U	-
PD001HP013	PD001HP013-A-W02	N	07/07/05	103 - 108	SW8260B	trans-1,2-DICHLOROETHENE	< 0.15	UG/L	0.15	ND	U	-
PD001HP013	PD001HP013-A-W01	N	07/07/05	0 - 5	SW8260B	trans-1,2-DICHLOROETHENE	< 0.15	UG/L	0.15	ND	U	-
PD001HP007	PD001HP007-A-W01	N	07/08/05	0 - 5	SW8260B	trans-1,3-DICHLOROPROPENE	< 0.18	UG/L	0.18	ND	U	-
PD001HP007	PD001HP007-A-W02	N	07/08/05	103 - 108	SW8260B	trans-1,3-DICHLOROPROPENE	< 0.18	UG/L	0.18	ND	U	-
PD001HP008	PD001HP008-A-W01	N	07/11/05	5 - 10	SW8260B	trans-1,3-DICHLOROPROPENE	< 0.18	UG/L	0.18	ND	U	-
PD001HP009	PD001HP009-A-W02	N	07/08/05	105 - 110	SW8260B	trans-1,3-DICHLOROPROPENE	< 0.18	UG/L	0.18	ND	U	-
PD001HP009	PD001HP009-A-W01	N	07/08/05	0 - 5	SW8260B	trans-1,3-DICHLOROPROPENE	< 0.18	UG/L	0.18	ND	U	-
PD001HP010	PD001HP010-A-W02	N	07/07/05	44 - 49	SW8260B	trans-1,3-DICHLOROPROPENE	< 0.18	UG/L	0.18	ND	U	-
PD001HP010	PD001HP010-A-W01	N	07/07/05	5 - 10	SW8260B	trans-1,3-DICHLOROPROPENE	< 0.18	UG/L	0.18	ND	U	-
PD001HP011	PD001HP011-A-W01	N	07/07/05	0 - 5	SW8260B	trans-1,3-DICHLOROPROPENE	< 0.18	UG/L	0.18	ND	U	-
PD001HP011	PD001HP011-A-W02	N	07/07/05	105 - 110	SW8260B	trans-1,3-DICHLOROPROPENE	< 0.18	UG/L	0.18	ND	U	-
PD001HP012	PD001HP012-A-W01	N	07/11/05	0 - 5	SW8260B	trans-1,3-DICHLOROPROPENE	< 0.18	UG/L	0.18	ND	U	-
PD001HP012	PD001HP012-A-W02	N	07/11/05	50 - 55	SW8260B	trans-1,3-DICHLOROPROPENE	< 0.18	UG/L	0.18	ND	U	-
PD001HP013	PD001HP013-A-W02	N	07/07/05	103 - 108	SW8260B	trans-1,3-DICHLOROPROPENE	< 0.18	UG/L	0.18	ND	U	-
PD001HP013	PD001HP013-A-W01	N	07/07/05	0 - 5	SW8260B	trans-1,3-DICHLOROPROPENE	< 0.18	UG/L	0.18	ND	U	-
PD001HP007	PD001HP007-A-W01	N	07/08/05	0 - 5	SW8260B	TRICHLOROETHYLENE (TCE)	< 0.15	UG/L	0.15	ND	U	-
PD001HP007	PD001HP007-A-W02	N	07/08/05	103 - 108	SW8260B	TRICHLOROETHYLENE (TCE)	< 0.15	UG/L	0.15	ND	U	-
PD001HP008	PD001HP008-A-W01	N	07/11/05	5 - 10	SW8260B	TRICHLOROETHYLENE (TCE)	< 0.15	UG/L	0.15	ND	U	-
PD001HP009	PD001HP009-A-W02	N	07/08/05	105 - 110	SW8260B	TRICHLOROETHYLENE (TCE)	< 0.15	UG/L	0.15	ND	U	-
PD001HP009	PD001HP009-A-W01	N	07/08/05	0 - 5	SW8260B	TRICHLOROETHYLENE (TCE)	0.24	UG/L	0.15	TR	J	T
PD001HP010	PD001HP010-A-W02	N	07/07/05	44 - 49	SW8260B	TRICHLOROETHYLENE (TCE)	< 0.15	UG/L	0.15	ND	U	-
PD001HP010	PD001HP010-A-W01	N	07/07/05	5 - 10	SW8260B	TRICHLOROETHYLENE (TCE)	< 0.15	UG/L	0.15	ND	U	-
PD001HP011	PD001HP011-A-W01	N	07/07/05	0 - 5	SW8260B	TRICHLOROETHYLENE (TCE)	< 0.15	UG/L	0.15	ND	U	-

Appendix H, continued

Analytical Results for all Constituents in Groundwater

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Depth (FT)	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
PD001HP011	PD001HP011-A-W02	N	07/07/05	105 - 110	SW8260B	TRICHLOROETHYLENE (TCE)	< 0.15	UG/L	0.15	ND	U	-
PD001HP012	PD001HP012-A-W01	N	07/11/05	0 - 5	SW8260B	TRICHLOROETHYLENE (TCE)	< 0.15	UG/L	0.15	ND	U	-
PD001HP012	PD001HP012-A-W02	N	07/11/05	50 - 55	SW8260B	TRICHLOROETHYLENE (TCE)	< 0.15	UG/L	0.15	ND	U	-
PD001HP013	PD001HP013-A-W02	N	07/07/05	103 - 108	SW8260B	TRICHLOROETHYLENE (TCE)	< 0.15	UG/L	0.15	ND	U	-
PD001HP013	PD001HP013-A-W01	N	07/07/05	0 - 5	SW8260B	TRICHLOROETHYLENE (TCE)	< 0.15	UG/L	0.15	ND	U	-
PD001HP007	PD001HP007-A-W01	N	07/08/05	0 - 5	SW8260B	TRICHLOROFLUOROMETHANE	< 0.17	UG/L	0.17	ND	U	-
PD001HP007	PD001HP007-A-W02	N	07/08/05	103 - 108	SW8260B	TRICHLOROFLUOROMETHANE	< 0.17	UG/L	0.17	ND	U	-
PD001HP008	PD001HP008-A-W01	N	07/11/05	5 - 10	SW8260B	TRICHLOROFLUOROMETHANE	< 0.17	UG/L	0.17	ND	U	-
PD001HP009	PD001HP009-A-W02	N	07/08/05	105 - 110	SW8260B	TRICHLOROFLUOROMETHANE	< 0.17	UG/L	0.17	ND	U	-
PD001HP009	PD001HP009-A-W01	N	07/08/05	0 - 5	SW8260B	TRICHLOROFLUOROMETHANE	< 0.17	UG/L	0.17	ND	U	-
PD001HP010	PD001HP010-A-W02	N	07/07/05	44 - 49	SW8260B	TRICHLOROFLUOROMETHANE	< 0.17	UG/L	0.17	ND	U	-
PD001HP010	PD001HP010-A-W01	N	07/07/05	5 - 10	SW8260B	TRICHLOROFLUOROMETHANE	< 0.17	UG/L	0.17	ND	U	-
PD001HP011	PD001HP011-A-W01	N	07/07/05	0 - 5	SW8260B	TRICHLOROFLUOROMETHANE	< 0.17	UG/L	0.17	ND	U	-
PD001HP011	PD001HP011-A-W02	N	07/07/05	105 - 110	SW8260B	TRICHLOROFLUOROMETHANE	< 0.17	UG/L	0.17	ND	U	-
PD001HP012	PD001HP012-A-W01	N	07/11/05	0 - 5	SW8260B	TRICHLOROFLUOROMETHANE	< 0.17	UG/L	0.17	ND	U	-
PD001HP012	PD001HP012-A-W02	N	07/11/05	50 - 55	SW8260B	TRICHLOROFLUOROMETHANE	< 0.17	UG/L	0.17	ND	U	-
PD001HP013	PD001HP013-A-W02	N	07/07/05	103 - 108	SW8260B	TRICHLOROFLUOROMETHANE	< 0.17	UG/L	0.17	ND	U	-
PD001HP013	PD001HP013-A-W01	N	07/07/05	0 - 5	SW8260B	TRICHLOROFLUOROMETHANE	< 0.17	UG/L	0.17	ND	U	-
PD001HP007	PD001HP007-A-W01	N	07/08/05	0 - 5	SW8260B	VINYL ACETATE	< 0.69	UG/L	0.69	ND	U	-
PD001HP007	PD001HP007-A-W02	N	07/08/05	103 - 108	SW8260B	VINYL ACETATE	< 0.69	UG/L	0.69	ND	U	-
PD001HP008	PD001HP008-A-W01	N	07/11/05	5 - 10	SW8260B	VINYL ACETATE	< 0.69	UG/L	0.69	ND	U	-
PD001HP009	PD001HP009-A-W02	N	07/08/05	105 - 110	SW8260B	VINYL ACETATE	< 0.69	UG/L	0.69	ND	U	-
PD001HP009	PD001HP009-A-W01	N	07/08/05	0 - 5	SW8260B	VINYL ACETATE	< 0.69	UG/L	0.69	ND	U	-
PD001HP010	PD001HP010-A-W02	N	07/07/05	44 - 49	SW8260B	VINYL ACETATE	< 0.69	UG/L	0.69	ND	U	-
PD001HP010	PD001HP010-A-W01	N	07/07/05	5 - 10	SW8260B	VINYL ACETATE	< 0.69	UG/L	0.69	ND	U	-
PD001HP011	PD001HP011-A-W01	N	07/07/05	0 - 5	SW8260B	VINYL ACETATE	< 0.69	UG/L	0.69	ND	U	-
PD001HP011	PD001HP011-A-W02	N	07/07/05	105 - 110	SW8260B	VINYL ACETATE	< 0.69	UG/L	0.69	ND	U	-

Appendix H, continued

Analytical Results for all Constituents in Groundwater

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Depth (FT)	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
PD001HP012	PD001HP012-A-W01	N	07/11/05	**0 - 5**	SW8260B	VINYL ACETATE	< 0.69	UG/L	0.69	ND	U	-
PD001HP012	PD001HP012-A-W02	N	07/11/05	**50 - 55**	SW8260B	VINYL ACETATE	< 0.69	UG/L	0.69	ND	U	-
PD001HP013	PD001HP013-A-W02	N	07/07/05	**103 - 108**	SW8260B	VINYL ACETATE	< 0.69	UG/L	0.69	ND	U	-
PD001HP013	PD001HP013-A-W01	N	07/07/05	**0 - 5**	SW8260B	VINYL ACETATE	< 0.69	UG/L	0.69	ND	U	-
PD001HP007	PD001HP007-A-W01	N	07/08/05	**0 - 5**	SW8260B	VINYL CHLORIDE	**920**	UG/L	6.3	=	-	-
PD001HP007	PD001HP007-A-W02	N	07/08/05	**103 - 108**	SW8260B	VINYL CHLORIDE	< 0.25	UG/L	0.25	ND	U	-
PD001HP008	PD001HP008-A-W01	N	07/11/05	**5 - 10**	SW8260B	VINYL CHLORIDE	**4.9**	UG/L	0.25	=	-	-
PD001HP009	PD001HP009-A-W02	N	07/08/05	**105 - 110**	SW8260B	VINYL CHLORIDE	< 0.25	UG/L	0.25	ND	U	-
PD001HP009	PD001HP009-A-W01	N	07/08/05	**0 - 5**	SW8260B	VINYL CHLORIDE	< 0.25	UG/L	0.25	ND	U	-
PD001HP010	PD001HP010-A-W02	N	07/07/05	**44 - 49**	SW8260B	VINYL CHLORIDE	< 0.25	UG/L	0.25	ND	U	-
PD001HP010	PD001HP010-A-W01	N	07/07/05	**5 - 10**	SW8260B	VINYL CHLORIDE	**0.42**	UG/L	0.25	TR	J	T
PD001HP011	PD001HP011-A-W01	N	07/07/05	**0 - 5**	SW8260B	VINYL CHLORIDE	< 0.25	UG/L	0.25	ND	U	-
PD001HP011	PD001HP011-A-W02	N	07/07/05	**105 - 110**	SW8260B	VINYL CHLORIDE	< 0.25	UG/L	0.25	ND	U	-
PD001HP012	PD001HP012-A-W01	N	07/11/05	**0 - 5**	SW8260B	VINYL CHLORIDE	**0.63**	UG/L	0.25	TR	J	T
PD001HP012	PD001HP012-A-W02	N	07/11/05	**50 - 55**	SW8260B	VINYL CHLORIDE	< 0.25	UG/L	0.25	ND	U	-
PD001HP013	PD001HP013-A-W02	N	07/07/05	**103 - 108**	SW8260B	VINYL CHLORIDE	< 0.25	UG/L	0.25	ND	U	-
PD001HP013	PD001HP013-A-W01	N	07/07/05	**0 - 5**	SW8260B	VINYL CHLORIDE	< 0.25	UG/L	0.25	ND	U	-