SOUND ENVIRONMENTAL STRATEGIES
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Date: October 27, 2008

GROUNDWATER MONITORING AND OPERATION AND MAINTENANCE REPORT

Second Quarter 2008

PetroSun Fuel, Inc.
Facility No. 01-056
Richland, Washington

Property Address:	500 George Washington Way, Richland, Washington
Client Contact:	Chuck J. Softich, Manager Retail Maintenance/Environmental Operations
Primary Regulatory Agency/ID:	Washington State Department of Ecology#38214358
SES Project Number:	0640-003-01
SES Project Manager:	Ryan Bixby, LG #1691
Frequency of Groundwater Sampling:	Quarterly
Property Owner/Land Use:	PetroSun Fuel, Inc./Retail gasoline station and convenience store
Off-Property Land Use:	Commercial

Sound Environmental Strategies Corporation (SES) has prepared this report to present the results of the Second Quarter 2008 groundwater monitoring event (monitoring event) and operation and maintenance (O&M) activities conducted at PetroSun Fuel, Inc. Facility No. 01-056 (formerly Time Oil Co. Facility No. 01-056), located at 500 George Washington Way in Richland, Washington (herein referred to as the Property) (Figure 1). The results of prior subsurface investigations conducted on the Property indicate that concentrations of gasoline-range petroleum hydrocarbons (GRPH); benzene, toluene, ethylbenzene, and total xylenes (BTEX); and lead were released to the subsurface from the former underground storage tank system located on the Property (Figure 2). Historical information is described in *Remedial Action Alternatives Analyses, Time Oil Co. Facility No. 01-056, 500 George Washington Way, Richland, Washington*, prepared by SES and dated May 19, 2006. The historical information is not reiterated herein.

The monitoring event was performed in an effort to evaluate the environmental quality and flow direction of groundwater beneath the facility and eventually demonstrate compliance with Washington State Department of Ecology Model Toxics Control Act (MTCA) Cleanup Regulations.

This report presents field activities performed during the monitoring event and monthly O&M events, laboratory analytical results, and a description of upcoming work.

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GROUNDWATER MONITORING EVENT

Groundwater level measurements were collected on June 16, 2008. Upon SES' arrival at the Property the following wells were opened to allow for equilibration with atmospheric pressure for a minimum of 15 minutes before groundwater level measurements were obtained: monitoring wells MW01 through MW07, MW13, MW17 through MW20, MW23, MW25, MW27, and MW30 through MW33; vapor extraction wells VW02 through VW05 (vapor extraction well VW01 did not contain measurable groundwater); sparge wells SW01 through SW07 and SW12 through SW15; recovery well RW01; and Plume Eater® (PE) wells PE01 through PE03. The remaining wells have been decommissioned. Groundwater levels were measured to an accuracy of 0.01 feet using an electronic water level meter.

Groundwater samples were collected from selected wells on June 16 and 17, 2008. The wells sampled included monitoring wells MW01, MW04 through MW07, MW18, MW25, and MW30 through MW33; vapor extraction wells VW02 through VW04; sparge wells SW12 through SW15; recovery well RW01; and PE wells PE01 through PE03. A field duplicate sample (MW99) was collected from vapor extraction well VW04. The remaining existing wells (MW02, MW03, MW13, MW17, MW19, MW20, MW23, MW27, VW05, and SW01 through SW07) are sampled on either a semiannual or annual basis because of the historically low concentrations of contaminants present in those wells.

Purging and sampling of each monitoring well was performed using either a peristaltic pump or a Grundfos bladder pump and dedicated polyethylene tubing at flow rates ranging from 100 to 300 milliliters per minute. The tubing/pump intake was placed at approximately 2 to 3 feet below the surface of the groundwater, or mid-screen, in each monitoring well. During purging, water quality parameters were monitored using a HORIBA U-22 water quality meter equipped with a flow-through cell. The water quality parameters that were monitored included temperature, pH, specific conductivity, dissolved oxygen, oxidation-reduction potential and/or turbidity. Each monitoring well was purged until pH, specific conductivity, and dissolved oxygen or turbidity stabilized.

Following purging, groundwater samples were collected from the pump outlet tubing located upstream of the flow-through cell and placed directly into laboratory-prepared sample containers. The containers were placed on ice in a cooler and transported to Friedman & Bruya, Inc. of Seattle, Washington, under standard chain-of-custody protocols for laboratory analysis. The groundwater samples were submitted for analysis of GRPH by Northwest Method NWTPH-Gx and BTEX by United States Environmental Protection Agency (EPA) Method 8021B. Groundwater samples collected from six of the wells (MW01, VW02, VW03, and SW12 through SW14) were analyzed for total lead by EPA Method 200.8. All purge water generated during the monitoring event was placed in an appropriately labeled 55-gallon steel drum and temporarily stored on the Property pending receipt of analytical data and disposal.

Groundwater Monitoring Results

Groundwater levels measured ranged from 9.60 feet (monitoring well MW23) to 32.02 feet (monitoring well MW20) below the top of the monitoring well casings (Table 1). The groundwater flow direction in the vicinity of the wells sampled appears variable, and the magnitude of the hydraulic gradient appears insignificant (Figure 2). The historical groundwater flow direction generally has been toward the east with a gradient between 0.00053 and 0.005 feet per foot.

Laboratory analytical results from the monitoring event indicated the following (Figure 3; Table 1):

- Concentrations of GRPH exceeding the MTCA Method A cleanup level were detected in the groundwater samples collected from wells MW32, VW04, and PE02.
- A concentration of total lead exceeding the MTCA Method A cleanup level was detected in the groundwater sample collected from sparge well SW14.
- Concentrations of BTEX were below applicable MTCA Method A cleanup levels in the groundwater samples analyzed.

Data Quality Review

SES performed a quality assurance/quality control (QA/QC) review of the analytical results, which included a review of accuracy and precision of the data supplied by the laboratory. In addition, the relative percent difference (RPD) was calculated for the field duplicate collected by SES from vapor extraction well VW04. The RPD for each analyte was within acceptable limits. All other laboratory QA/QC data are considered usable to meet the objectives of the monitoring event. A copy of the groundwater laboratory analytical report is provided in Attachment A.

OPERATION AND MAINTENANCE PROGRAM

Monthly O&M visits were conducted by SES on the remediation system on April 21, May 20, and June 16, 2008.

Remedial System Background

The original Subject Property Remedial System (SPRS) for the Property was installed in September 1996 and began full-time operation on October 1, 1996. Two off-Property supplemental remedial systems were later installed to facilitate the remediation of petroleum-impacted subsurface soil and groundwater beneath the Richland Community Center property to the east of the Property. The West Park Remedial System (WPRS), which began full-time operation on January 22, 1999, is located to the east of the Property, near the western edge of the Richland Community Center parking lot. The East Park Remedial System began full-time operation on May 15, 1998 and was shut down and decommissioned in First Quarter 2006 because of the low mass of hydrocarbon vapors that were recovered. Both operational systems underwent some modifications prior to SES assuming O&M activities in July 2005.

The original SPRS remedial system consisted of a soil vapor extraction (SVE) system and an air sparging (AS) system, which were located within a fenced remediation compound on the southeastern portion of the Property. The SVE system originally extracted vapors from subsurface soil via six wells (vapor wells VW02 through VW05, recovery well RW01, and monitoring well MW05). Working in conjunction with the SVE system, an AS system injected air into the groundwater via six additional wells (sparge wells SW01 through SW06) to volatilize the organic compounds within the groundwater.

Three PE remediation wells (PE01, PE02, and PE03) were installed in November 2006. Upon completion of modifications to the subsurface piping for the SVE and AS systems, two of the three PE remediation systems began operation in late August 2007. The PE remediation

systems are powered by a single reciprocating air compressor via a manifold, which is located within the fenced remediation compound. The SVE system was modified to extract vapors from wells PE01, PE02, and PE03, as well as VW02, VW03, and VW05. The vacuum applied to the wells by the SVE system is driven by a 6-horsepower regenerative blower. From the well-heads, the vapors flow through subsurface piping and into a 55-gallon moisture separator via the piping manifold. The vapor-phase stream from the SVE system is discharged through an exhaust stack located within the remediation compound.

The WPRS utilizes AS technology powered by an AS blower assembly connected to a series of five AS wells (sparge wells SW07 and SW12 through SW15). The housing for the system is located below grade within a moisture-sealed vault. Similar to the SPRS AS system, the WPRS AS system facilitates the volatilization of organic compounds through air injection into groundwater via the five wells. Installation of an SVE system for the WPRS has not been necessary to capture hydrocarbon vapors produced by the currently operational AS system.

Summary of System Operation

Although the SVE component of the SPRS remains in operation, the SPRS AS system has been intentionally inoperable as of June 2007 because of the installation of the PE wells and associated installation of additional subsurface piping for the PE system. The existing AS subsurface lines were modified for use with the new PE wells. The WPRS AS system has been inoperable since February 21, 2008, when SES noted the blower was no longer functional. No corrective action had been authorized by the end of Second Quarter 2008.

Following the repair by H2Oil Recovery Equipment, Inc. of Bend, Oregon (H2Oil) to the SPRS motor starter on the compressor and replacement of the pressure relief valve on the compressor tank during their February 11, 2008 O&M visit, the compressor functioned properly throughout the remainder of First Quarter 2008. During the April 21, 2008 O&M visit, SES noted that the compressor was off upon arrival because of a temperature control relay alarm. The compressor alarm was reset and the compressor restarted, only to be found off again during the May 20, 2008 SES O&M visit. The compressor associated with the PE remediation system remained inoperable through the remainder of Second Quarter 2008. SES has communicated the frequent malfunctions of the compressor to by PetroSun Fuel, Inc. and is awaiting a decision on these issues. SES noted that the SVE blower was off upon arrival during the June 16, 2008 O&M visit. The reason for the system shut down was not apparent; however, the SVE system was restarted and appeared to be functioning property upon departure. No additional O&M maintenance activities were performed during the June 16, 2008 O&M visit, as all other remediation system components were off upon arrival and departure.

Table 2 provides a summary of the systems' operation from the time SES assumed responsibility for the Property. System parameters collected during O&M visits were documented on field data sheets (Attachment B).

Currently, SES conducts O&M visits monthly and additionally as needed to monitor the system performance, record system parameters, and conduct maintenance. H2Oil also conducts O&M visits when necessary.

System Performance Results

Vapor Monitoring Results

In accordance with the guidelines established by PetroSun Fuel, Inc., effluent vapor samples are collected monthly and are analyzed for GRPH by Northwest Method NWTPH-Gx and BTEX by EPA Method 8021B. The effluent samples are collected from a sampling port located on the exhaust stack and represent the combined concentrations of volatile organics in extracted vapors from all vapor streams within the system. Table 3 summarizes monthly effluent vapor-phase analytical results.

The vapor-phase hydrocarbon removal rates are estimated based upon the measured air flow rates and the estimated concentrations as described above. The daily removal rates and the cumulative removal weights for GRPH, benzene, and total BTEX were calculated from the time SES assumed operation in 2005 through April 21, 2008. The removal rate and the contaminant mass recovered were calculated using only the April 2008 sample results, as no other air samples were collected in Second Quarter because of the inoperable air compressor. As of April 21, 2008, an estimated 2,485 pounds of vapor-phase GRPH and an estimated 23.6 pounds of vapor-phase BTEX had been extracted from the subsurface by the remedial systems.

System Operation Compliance Monitoring

Benton County Clean Air Authority Order of Approval to Construct #960507

The original SVE system and a catalytic oxidizer were installed with the permission of the Benton County Clean Air Authority's Order of Approval to Construct (NOC 960507). Because of the low levels of chemicals of concern being extracted, the system discharges directly to the atmosphere. Monthly monitoring results and quarterly reports are submitted to PetroSun Fuel, Inc.

WORK PLANNED

A monitoring event will be conducted at the Property in September 2008, and monthly O&M monitoring will be conducted. The results of the groundwater monitoring event and O&M events will be documented in a groundwater monitoring and O&M report.

CLOSING

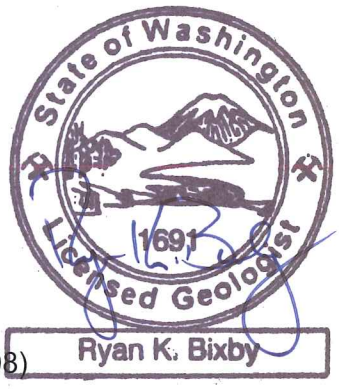
SES appreciates the opportunity to work with you on this project. Please contact the undersigned at (206) 306-1900 if you have any questions or require additional information.

Respectfully,

Sound Environmental Strategies Corporation

Jacki Malone
Associate Engineer

Ryan K. Bixby, LG #1691
Principal Geologist

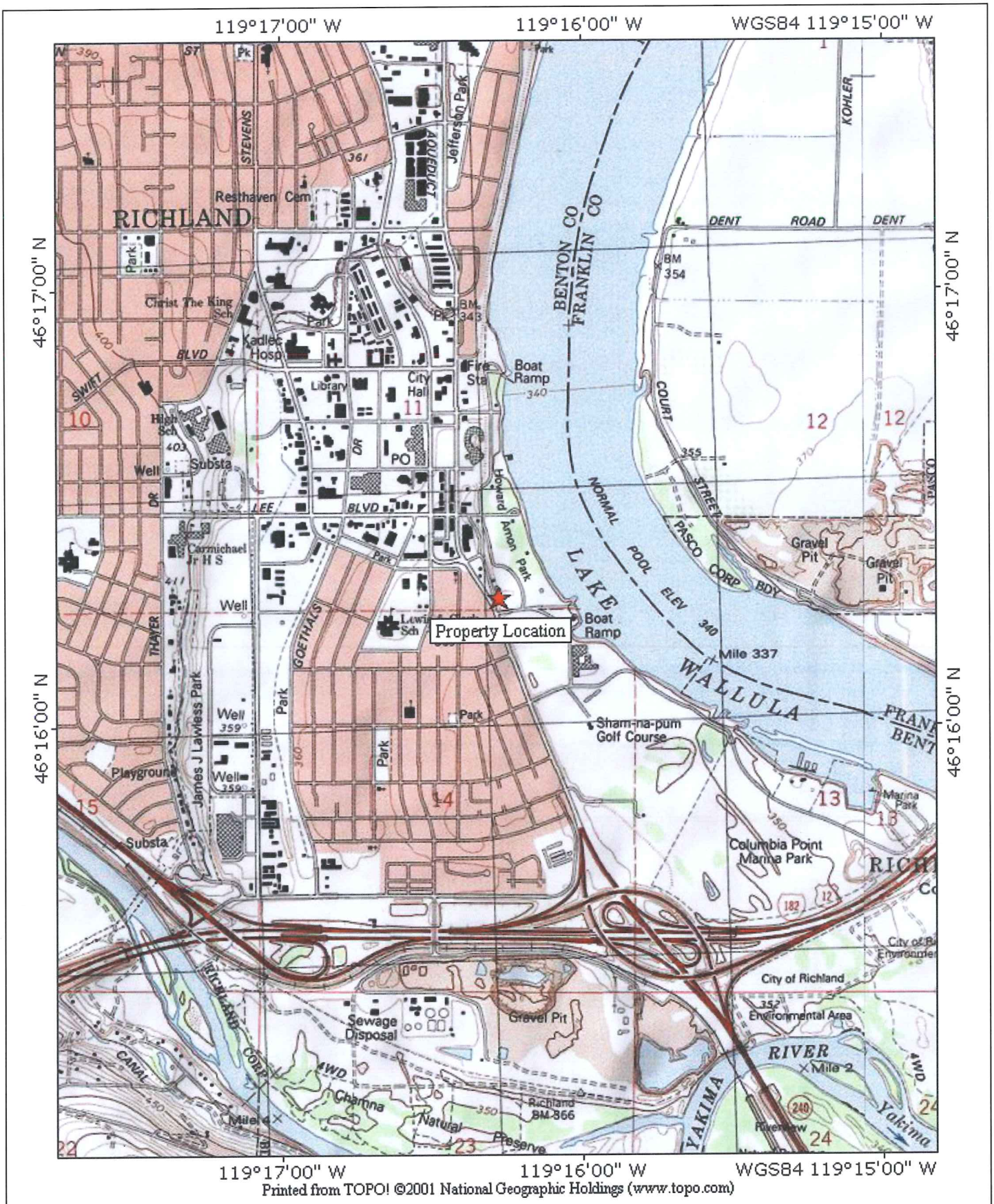


Attachments: Figure 1, Property Location Map
Figure 2, Groundwater Elevation Map (June 16, 2008)
Figure 3, Groundwater Analytical Results (June 16 and 17, 2008)
Table 1, Summary of Groundwater Data
Table 2, Operation Summary Table
Table 3, Effluent Vapor-Phase Analytical Results
Attachment A, Laboratory Analytical Reports
Groundwater Laboratory Report, *Friedman & Bruya, Inc. #806224*
Operation and Maintenance Laboratory Report, *Friedman & Bruya, Inc. #804229*
Attachment B, Operation and Maintenance Field Data Sheets

cc: Mr. Richard Bassett, Washington State Department of Ecology, Central Region
Ms. Nancy Aldrich, City of Richland

TSM/RKB:dm/syh/nkh

FIGURES

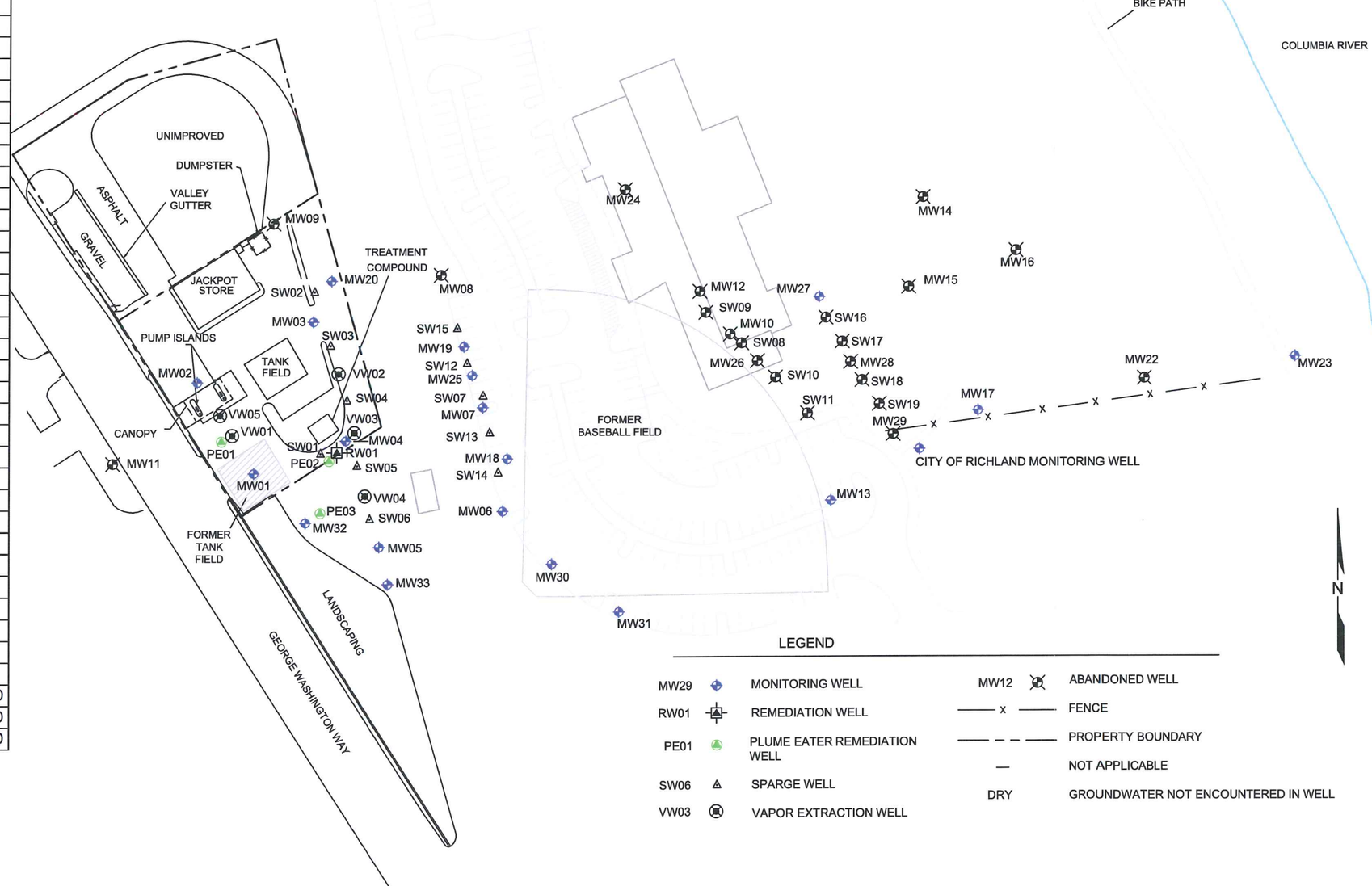


SOUND ENVIRONMENTAL STRATEGIES www.soundenvironmental.com	N	Date: October 29, 2008 Drawn By: E. Rothman Chk By: R. Bixby SES Project No.: 0640-003-01 File ID: 01-056 Fig 1.doc	PetroSun Fuel, Inc. Facility No. 01-056 500 George Washington Way Richland, Washington	**FIGURE 1** Property Location Map

9/4/2008

Well Location	Depth to Groundwater (feet below ground surface)	Groundwater Elevation (feet above mean sea level)
MW01	30.80	341.97
MW02	31.65	342.16
MW03	30.46	342.22
MW04	30.81	342.11
MW05	30.90	342.13
MW06	13.97	340.55
MW07	14.63	341.20
MW13	12.27	341.40
MW17	14.48	339.80
MW18	13.97	340.54
MW19	14.85	341.32
MW20	32.02	342.28
MW23	9.60	342.41
MW25	14.59	341.37
MW27	12.36	342.26
MW30	13.27	342.16
MW31	12.91	342.12
MW32	31.86	342.20
MW33	31.74	342.21
VW01	DRY	—
VW02	31.55	342.21
VW03	31.40	341.94
VW04	31.54	342.17
VW05	31.07	342.14
SW01	30.99	342.68
SW02	31.54	342.71
SW03	31.52	342.68
SW04	31.26	342.65
SW05	31.21	342.59
SW06	31.08	342.34
SW07	14.47	342.18
SW12	14.68	342.18
SW13	14.29	342.18
SW14	14.08	342.16
SW15	14.70	342.19
RW01	30.99	342.19
PE01	31.62	NOT SURVEYED
PE02	31.31	NOT SURVEYED
PE03	31.36	NOT SURVEYED

ELEVATIONS ARE BASED UPON A SURVEY PERFORMED BY GEOENGINEERS. THE BENCHMARK IS LOCATED AT THE INTERSECTION OF GEORGE WASHINGTON WAY AND LEE BOULEVARD (ELEVATION 372.49)



LEGEND

MW29	MONITORING WELL	MW12	ABANDONED WELL
RW01	REMEDIATION WELL	x	FENCE
PE01	PLUME EATER REMEDIATION WELL		PROPERTY BOUNDARY
SW06	SPARGE WELL	—	NOT APPLICABLE
VW03	VAPOR EXTRACTION WELL	DRY	GROUNDWATER NOT ENCOUNTERED IN WELL

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DATE: 09/04/08
DRAWN BY: RLH/JQC
CHECKED BY: RKB
CAD FILE: 01-056_2008Q2_CM

PROJECT NAME: PETROSUN FACILITY NO. 01-056
SES PROJECT NUMBER: 0640-003-01
STREET ADDRESS: 500 GEORGE WASHINGTON WAY
CITY, STATE: RICHLAND, WASHINGTON

REGION:

0 25 50 100
APPROXIMATE SCALE IN FEET

FIGURE 2
GROUNDWATER ELEVATION MAP
(JUNE 16, 2008)

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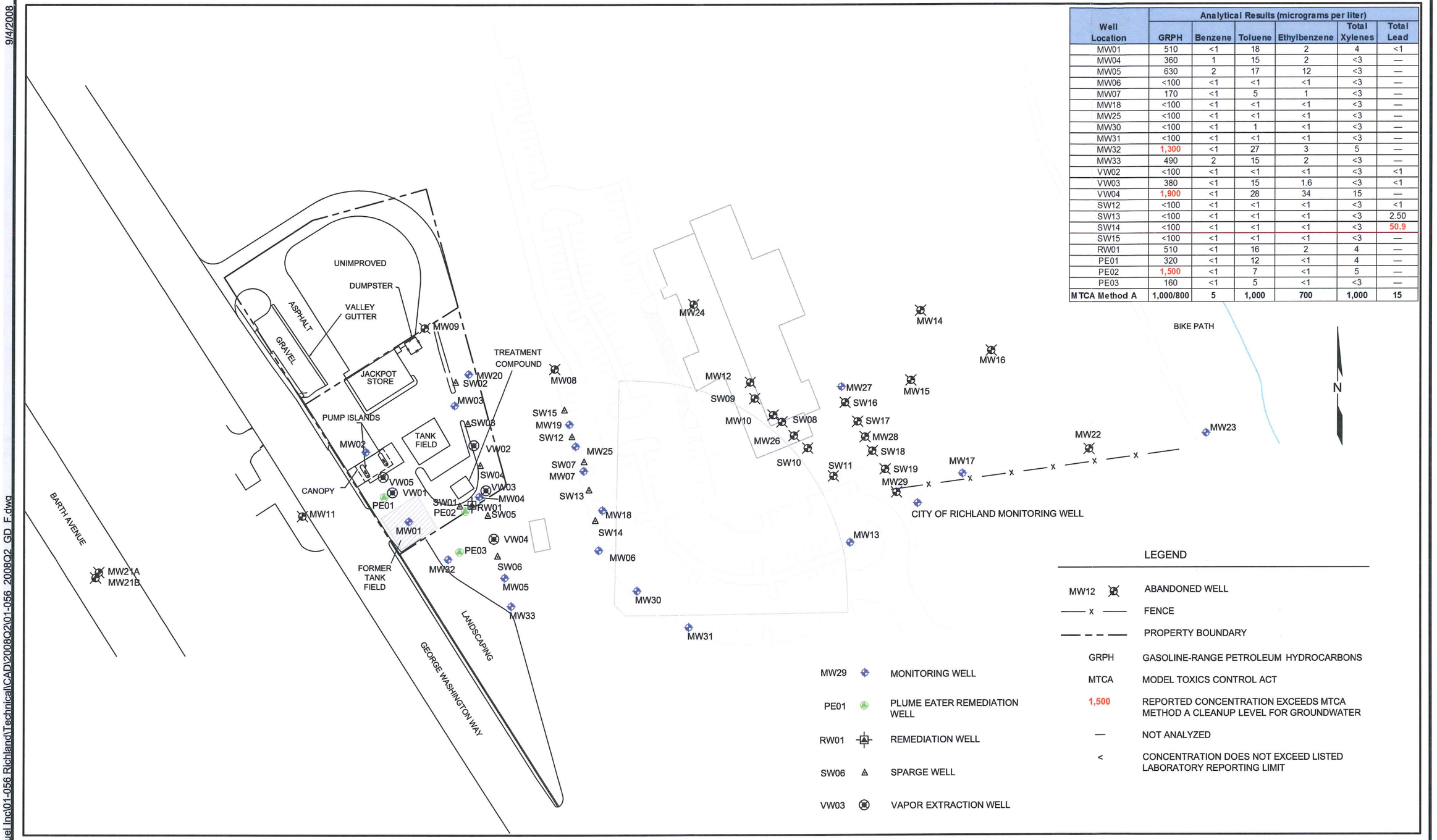
9/4/2008

Well Location	Analytical Results (micrograms per liter)					
	GRPH	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total Lead
MW01	510	<1	18	2	4	<1
MW04	360	1	15	2	<3	—
MW05	630	2	17	12	<3	—
MW06	<100	<1	<1	<1	<3	—
MW07	170	<1	5	1	<3	—
MW18	<100	<1	<1	<1	<3	—
MW25	<100	<1	<1	<1	<3	—
MW30	<100	<1	1	<1	<3	—
MW31	<100	<1	<1	<1	<3	—
MW32	1,300	<1	27	3	5	—
MW33	490	2	15	2	<3	—
VW02	<100	<1	<1	<1	<3	<1
VW03	380	<1	15	1.6	<3	<1
VW04	1,900	<1	28	34	15	—
SW12	<100	<1	<1	<1	<3	<1
SW13	<100	<1	<1	<1	<3	2.50
SW14	<100	<1	<1	<1	<3	50.9
SW15	<100	<1	<1	<1	<3	—
RW01	510	<1	16	2	4	—
PE01	320	<1	12	<1	4	—
PE02	1,500	<1	7	<1	5	—
PE03	160	<1	5	<1	<3	—
MTCA Method A	1,000/800	5	1,000	700	1,000	15



LEGEND

MW12	ABANDONED WELL
x	FENCE
	PROPERTY BOUNDARY
GRPH	GASOLINE-RANGE PETROLEUM HYDROCARBONS
MTCA	MODEL TOXICS CONTROL ACT
1,500	REPORTED CONCENTRATION EXCEEDS MTCA METHOD A CLEANUP LEVEL FOR GROUNDWATER
—	NOT ANALYZED
<	CONCENTRATION DOES NOT EXCEED LISTED LABORATORY REPORTING LIMIT
MW29	MONITORING WELL
PE01	PLUME EATER REMEDIATION WELL
RW01	REMEDIATION WELL
SW06	SPARGE WELL
VW03	VAPOR EXTRACTION WELL

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DATE: 04/17/08
DRAWN BY: RLH
CHECKED BY: RKB
CAD FILE: 01-056_2008Q2_GD

PROJECT NAME: PETROSUN FACILITY NO. 01-056
SES PROJECT NUMBER: 0640-003-01
STREET ADDRESS: 500 GEORGE WASHINGTON WAY
CITY, STATE: RICHLAND, WASHINGTON

REGION:

0 25 50 100
APPROXIMATE SCALE IN FEET

FIGURE 3
GROUNDWATER ANALYTICAL RESULTS
(JUNE 16 AND 17, 2008)

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TABLES

SOUND ENVIRONMENTAL STRATEGIES

Table 1
Summary of Groundwater Data
PetroSun Fuel, Inc. Facility No. 01-056
500 George Washington Way
Richland, Washington

Well ID	Sample Date	Depth to Groundwater[1] (feet)	Groundwater Elevation[2] (feet)	Analytical Results (µg/L) GRPH[3]	Benzene[4]	Toluene[4]	Ethylbenzene[4]	Total Xylenes[4]	MTBE[4]	EDB[4]	EDC[4]	Total Lead[5]	Dissolved Lead[5]
MW01	02/01/95	—	—	30,000	39.0	890	430	3,700	—	—	—	—	—
TOC Elevation	04/04/95	—	—	26,000	53.0	850	430	3,000	—	—	—	—	—
372.77	07/12/95	—	—	17,000	31.0	480	300	2,000	—	—	—	—	—
	10/11/95	—	—	13,000	15.0	280	33.0	1,700	—	—	—	—	—
	01/25/96	—	—	15,000	47.0	300	210	1,900	—	—	—	—	—
	04/30/96	25.63	347.14	12,000	13.0	240	210	1,400	—	—	—	—	—
	07/31/96	26.20	346.57	17,800	<40	637	291	1,907	—	—	—	—	—
	01/15/97	—	—	1,410	1.17	11.9	34.4	170	—	—	—	—	—
	04/17/97	—	—	1,890	<1.00	7.15	43.3	142.2	—	—	—	—	—
	07/21/97	25.93	346.84	1,180	<2.00	4.1	23.0	63.0	—	—	—	—	—
	07/08/98	27.43	345.34	2,090	<1.00	<1.00	37.5	47.7	—	—	—	—	—
	07/22/99	27.05	345.72	1,070	8.53	1.89	28.7	10.9	—	—	—	—	—
	07/12/00	27.84	344.93	187	<1.00	<1.00	12.3	<3.00	—	—	—	—	—
	07/26/01	28.53	344.24	486	<1.00	<1.00	<1.00	<3.00	—	—	—	—	—
	07/30/02	28.83	343.94	468	4.82	<0.500	3.75	<1.00	—	—	—	—	—
	07/08/03	31.18	341.59	572	2.46	<0.500	11.5	1.60	—	—	—	—	—
	07/15/04	31.32	341.45	877	6.47	0.598	9.54	2.70	—	—	—	—	—
	08/01/05	31.51	341.26	1,020	3.33	<0.500	7.66	4.19	<5.00	<0.500	<0.500	21.5	—
	10/03/05	—	—	—	—	—	—	—	—	—	—	1.15	1.11
	06/14/06	30.82	341.95	167	<0.500	<0.500	<0.500	<1.00	—	—	—	1.54	<1.00
	08/16/06	30.84	341.93	557	2.66	<0.500	0.797	2.00	—	—	—	5.36	<1.00
	11/13/06	31.19	341.58	240	<1	3	<1	<3	—	—	—	<1	<1
	02/24/07	32.11	340.66	1,000	3	28	4	8	—	—	—	4.30	<1
	06/14/07	30.52	342.25	550	4	19	2	4	—	—	—	3.53	<1
	09/11/07	30.32	342.45	860	<1	23	3	4	—	—	—	—	—
	12/18/07	32.21	340.56	760	<1	27	4	6	—	—	—	—	—
	03/26/08	32.52	340.25	<100	<1	<1	<1	<3	—	—	—	—	—
	06/16/08	30.80	341.97	510	<1	18	2	4	—	—	—	<1	—
MW02	02/01/95	—	—	15,000	<10	370	250	2,600	—	—	—	—	—
TOC Elevation	04/04/95	—	—	14,000	12.0	390	260	2,800	—	—	—	—	—
373.81	07/12/95	—	—	9,100	<10	230	190	1,700	—	—	—	—	—
	10/11/95	—	—	6,600	<5.00	120	120	1,100	—	—	—	—	—
	07/31/96	27.30	346.51	11,000	<1.00	137	146	1,386	—	—	—	—	—
	10/24/96	28.65	345.16	7,030	<5.00	86.7	100	816	—	—	—	—	—
	01/16/97	27.25	346.56	8,790	<5.00	187	133	1,240	—	—	—	—	—
	04/03/97	27.52	346.29	10,100	<5.00	145	152	1,425	—	—	—	—	—
	07/21/97	26.81	347.00	11,900	<17.0	100	130	1,800	—	—	—	—	—
	10/21/97	28.73	345.08	8,820	5.88	110	119	1,260	—	—	—	—	—
	01/22/98	28.93	344.88	6,660	<1.00	108	95.0	878	—	—	—	—	—
	05/14/98	28.49	345.32	6,780	<5.00	141	102	925	—	—	—	—	—
	07/08/98	28.42	345.39	6,140	<10.0	106	88.9	722	—	—	—	—	—
	10/09/98	29.12	344.69	6,550	<5.00	142	111	1,020	—	—	—	—	—
	01/22/99	28.57	345.24	5,310	<10.0	98.3	82.6	703	—	—	—	—	—
	04/19/99	29.00	344.81	7,600	<10.0	132	129	1,060	—	—	—	—	—
	07/22/99	27.99	345.82	6,730	7.60	162	136	1,060	—	—	—	—	—
	10/21/99	29.05	344.76	5,330	<4.00	94.1	110	839	—	—	—	—	—
	01/27/00	29.03	344.78	8,810	<3.55	132	147	1,160	—	—	—	—	—
	04/18/00	29.18	344.63	5,070	<5.00	90.9	109	764	—	—	—	—	—
	07/12/00	28.76	345.05	3,280	<1.00	83.0	94.4	714	—	—	—	—	—
	10/11/00	28.56	345.25	8,150	<5.00	120	117	1,050	—	—	—	—	—
	01/25/01	28.39	345.42	10,200	<10.0	140	158	1,440	—	—	—	—	—
	04/17/01	29.28	344.53	3,680	2.8	64.5	91.4	502	—	—	—	—	—
	07/26/01	29.43	344.38	420	<1.00	3.69	2.81	<3.00	—	—	—	—	—
	11/07/01	30.23	343.58	2,460	3.57	27.4	55.6	393	—	—	—	—	—
	01/16/02	30.80	343.01	1,560	3.66	14.0	32.3	166	—	—	—	—	—
	04/22/02	30.91	342.90	772	2.92	5.97	24.0	76.9	—	—	—	—	—
	07/30/02	29.70	344.11	2,020	3.87	32.4	58.0	436	—	—	—	—	—
	10/30/02	29.70	344.11	1,870	4.44	10.4	39.3	119	—	—	—	—	—
	01/22/03	31.03	342.78	1,810	3.68	7.88	40.2	164	—	—	—	—	—
	04/23/03	32.18	341.63	332	<0.500	0.841	3.34	2.58	—	—	—	—	—
	07/08/03	31.99	341.82	94.8	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	10/20/03	32.44	341.37	59.1	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	01/13/04	32.90	340.91	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	04/28/04	33.04	340.77	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	07/15/04	32.18	341.63	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	10/14/04	32.32	341.49	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	01/18/05	32.87	340.94	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	04/05/05	33.22	340.59	<100	<0.500	<2.00	<1.00	<1.50	—	—	—	—	—
	08/02/05	32.32	341.49	<50.0	<0.500	<0.500	<0.500	<1.00	<5.00	<0.500	<0.500	3.17	—
	11/09/05	32.56	341.25	<50.0	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00	3.90	—

SOUND ENVIRONMENTAL STRATEGIES

Table 1
Summary of Groundwater Data
PetroSun Fuel, Inc. Facility No. 01-056
500 George Washington Way
Richland, Washington

Well ID	Sample Date	Depth to Groundwater[1] (feet)	Groundwater Elevation[2] (feet)	Analytical Results (µg/L) GRPH[3]	Benzene[4]	Toluene[4]	Ethylbenzene[4]	Total Xylenes[4]	MTBE[4]	EDB[4]	EDC[4]	Total Lead[5]	Dissolved Lead[5]
MW02	02/16/06	32.94	340.87	<50.0	<0.500	<0.500	<0.500	<3.00	—	—	—	<1.00	<1.00
TOC Elevation	06/14/06	31.67	342.14	161	0.518	<0.500	<0.500	<1.00	—	—	—	<1.00	—
373.81	08/16/06	31.38	342.43	63.4	<0.500	<0.500	<0.500	<1.00	—	—	—	2.58	—
	11/01/06	32.01	341.80	<100	<1	<1	<1	<3	—	—	—	1.58	—
	02/24/07	32.95	340.86	<100	<1	<1	<1	<3	—	—	—	3.18	—
	06/14/07	31.41	342.40	<100	<1	<1	<1	<3	—	—	—	1.66	—
	09/11/07	31.27	342.54	950	<1	30	12	9	—	—	—	—	—
	12/18/07	33.04	340.77	<100	<1	<1	<1	<3	—	—	—	—	—
	03/26/08	33.35	340.46	<100	<1	<1	<1	<3	—	—	—	—	—
	06/16/08	31.65	342.16	—	—	—	—	—	—	—	—	—	—
MW03	02/01/95	—	—	110	1.80	<0.50	2.00	<0.50	—	—	—	—	—
TOC Elevation	04/03/95	—	—	780	6.70	2.90	30.0	4.40	—	—	—	—	—
372.68	07/11/95	—	—	550	3.40	6.30	22.0	0.51	—	—	—	—	—
	10/11/95	—	—	620	3.70	1.90	23.0	3.40	—	—	—	—	—
	07/31/96	26.28	346.40	<50.0	<1.00	<1.00	<1.00	<2.00	—	—	—	—	—
	01/15/97	26.23	346.45	<50.0	<0.50	<0.50	<0.50	<1.00	—	—	—	—	—
	04/17/97	—	—	<50.0	<1.00	<1.00	<1.00	<1.00	—	—	—	—	—
	07/21/97	25.75	346.93	<50.0	<2.00	<2.00	<2.00	<2.00	—	—	—	—	—
	07/08/98	27.28	345.40	<50.0	<1.00	<1.00	<1.00	<3.00	—	—	—	—	—
	07/22/99	26.97	345.71	<50.0	<0.50	<0.50	<0.50	<1.00	—	—	—	—	—
	07/12/00	27.81	344.87	<50.0	<1.00	<1.00	<1.00	<3.00	—	—	—	—	—
	07/26/01	28.43	344.25	<50.0	<1.00	<1.00	<1.00	<3.00	—	—	—	—	—
	07/30/02	28.62	344.06	<50.0	<0.50	<0.50	<0.50	<1.00	—	—	—	—	—
	07/08/03	30.89	341.79	<50.0	<0.50	<0.50	<0.500	<1.00	—	—	—	—	—
	07/15/04	30.94	341.74	<50.0	<0.50	<0.50	<0.500	<1.00	—	—	—	—	—
	08/03/05	31.41	341.27	<50.0	<0.500	<0.500	<0.500	<1.00	<5.00	<0.500	<0.500	15.3	—
	10/03/05	—	—	—	—	—	—	—	—	—	—	5.96	<1.00
	08/16/06	30.58	342.10	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	19.6	<1.00
	02/22/07	31.81	340.87	—	—	—	—	—	—	—	—	—	—
	06/11/07	30.30	342.38	—	—	—	—	—	—	—	—	—	—
	09/11/07	30.24	342.44	<100	<1	<1	<1	<3	—	—	—	4.05	—
	12/18/07	31.93	340.75	—	—	—	—	—	—	—	—	—	—
	03/27/08	32.22	340.46	—	—	—	—	—	—	—	—	—	—
	06/16/08	30.46	342.22	—	—	—	—	—	—	—	—	—	—
MW04	02/01/95	—	—	10,000	38.0	28.0	300	660	—	—	—	—	—
TOC Elevation	04/03/95	—	—	25,000	42.0	77.0	560	2,400	—	—	—	—	—
372.92	04/19/95	—	—	7,600	22.0	13.0	130	320	—	—	—	—	—
	04/20/95	—	—	21,000	37.0	33.0	390	1,300	—	—	—	—	—
	07/11/95	—	—	15,000	<5.00	20.0	400	1,600	—	—	—	—	—
	10/11/95	—	—	17,000	46.0	22.0	450	1,600	—	—	—	—	—
	01/25/96	—	—	14,000	72.0	19.0	360	1,200	—	—	—	—	—
	05/02/96	25.89	347.03	9,000	<0.50	15.0	180	640	—	—	—	—	—
	07/31/96	26.47	346.45	15,700	<1.00	238	211	593	—	—	—	—	—
	01/14/97	—	—	4,150	5.72	4.15	36.5	81.4	—	—	—	—	—
	04/17/97	—	—	2,840	<1.00	1.11	12.6	38.31	—	—	—	—	—
	07/21/97	25.99	346.93	4,580	<5.00	<5.00	13.0	28.0	—	—	—	—	—
	07/08/98	27.50	345.42	2,440	<1.00	<1.00	14.4	9.54	—	—	—	—	—
	07/22/99	27.15	345.77	272	2.11	1.83	4.65	9.93	—	—	—	—	—
	07/12/00	28.02	344.90	120	<1.00	<1.00	<1.00	<3.00	—	—	—	—	—
	07/26/01	28.58	344.34	104	<1.00	<1.00	<1.00	<3.00	—	—	—	—	—
	07/30/02	28.83	344.09	145	1.19	<0.500	<0.500	1.04	—	—	—	—	—
	07/08/03	31.20	341.72	315	2.54	<0.500	4.09	<1.00	—	—	—	—	—
	07/15/04	31.30	341.62	275	3.29	2.67	0.758	3.69	—	—	—	—	—
	08/02/05	31.52	341.40	1,040	8.11	<0.500	4.3	1.93	<5.00	<0.500	<0.500	<1.00	—
	06/14/06	30.83	342.09	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	<1.00	—
	08/17/06	30.86	342.06	512	11.4	1.61	2.15	2.63	—	—	—	1.95	—
	11/01/06	31.20	341.72	1,500	<1	15	6	8	—	—	—	<1	—
	02/25/07	32.12	340.80	1,200	3	34	5	8	—	—	—	2.14	—
	06/14/07	30.56	342.36	490	5	14	1	4	—	—	—	1.60	—
	09/10/07	30.41	342.51	290	<1	7	<1	<3	—	—	—	—	—
	12/18/07	32.22	340.70	<100	<1	<1	<1	<3	—	—	—	—	—
	03/27/08	32.52	340.40	330	<1	8	<1	<3	—	—	—	—	—
	06/16/08	30.81	342.11	360	1	15	2	<3	—	—	—	—	—
MW05	02/01/95	—	—	<50.0	<0.500	<0.500	<0.500	<0.500	—	—	—	—	—
TOC Elevation	04/03/95	—	—	<50.0	<0.500	<0.500	<0.500	<0.500	—	—	—	—	—
373.03	07/11/95	—	—	<50.0	<0.500	<0.500	<0.500	<0.500	—	—	—	—	—
	10/11/95	—	—	<50.0	<0.500	1.10	<0.500	<0.500	—	—	—	—	—
	07/31/96	26.50	346.53	<50.0	<1.00	<1.00	<1.00	<2.00	—	—	—	—	—
	01/14/97	26.44	346.59	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	04/17/97	—	—	<50.0	<1.00	<1.00	<1.00	<1.00	—	—	—	—	—
	07/21/97	26.02	347.01	<50.0	<2.00	<2.00	<2.00	<2.00	—	—	—	—	—
	07/08/98	27.65	345.38	<50.0	<1.00	<1.00	<1.00	<3.00	—	—	—	—	—
	07/22/99	27.26	345.77	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	07/12/00	28.10	344.93	<50.0	<1.00	<1.00	<1.00	<3.00	—	—	—	—	—
	07/26/01	28.66	344.37	<50.0	<1.00	<1.00	<1.00	<3.00	—	—	—	—	—

SOUND ENVIRONMENTAL STRATEGIES

Table 1
Summary of Groundwater Data
PetroSun Fuel, Inc. Facility No. 01-056
500 George Washington Way
Richland, Washington

Well ID	Sample Date	Depth to Groundwater[1] (feet)	Groundwater Elevation[2] (feet)	Analytical Results (µg/L) GRPH[3]	Benzene[4]	Toluene[4]	Ethylbenzene[4]	Total Xylenes[4]	MTBE[4]	EDB[4]	EDC[4]	Total Lead[5]	Dissolved Lead[5]
MW05	07/30/02	28.91	344.12	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
TOC Elevation	07/08/03	31.28	341.75	536	**7.30**	0.517	0.548	1.04	—	—	—	—	—
373.03	10/20/03	31.70	341.33	**4,970**	**7.54**	<0.500	12.3	12.2	—	—	—	—	—
	01/13/04	32.18	340.85	**1,670**	**9.63**	<0.500	5.17	2.48	—	—	—	—	—
	04/28/04	32.33	340.70	443	**6.61**	<0.500	4.34	<1.00	—	—	—	—	—
	07/15/04	31.45	341.58	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	10/14/04	31.63	341.40	**1,600**	4.31	<0.500	9.87	1.81	—	—	—	—	—
	01/18/05	32.21	340.82	**3,590**	**8.66**	<0.500	16.8	3.30	—	—	—	—	—
	04/08/05	32.45	340.58	**1,150**	**9.13**	<2.00	22.0	<1.50	—	—	—	—	—
	08/02/05	31.60	341.43	196	1.89	<0.500	<0.500	1.03	<5.00	<0.500	<0.500	**66.3**	—
	10/03/05	—	—	—	—	—	—	—	—	—	—	<1.00	<1.00
	11/09/05	31.81	341.22	942	<1.00	<1.00	3.59	<3.00	<5.00	<1.00	<1.00	1.31	<1.00
	02/16/06	32.21	340.82	79.6	<0.500	<0.500	<0.500	<3.00	—	—	—	3.15	<1.00
	06/14/06	30.89	342.14	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	<1.00	<1.00
	08/17/06	30.93	342.10	69.5	<0.500	<0.500	<0.500	<1.00	—	—	—	1.99	<1.00
	11/01/06	31.27	341.76	820	<1	6	8	<3	—	—	—	1.45	<1
	02/25/07	32.21	340.82	310	1	10	1	<3	—	—	—	3.3	<1
	06/14/07	30.58	342.45	140	<1	4	<1	<3	—	—	—	1.38	<1
	09/10/07	30.38	342.65	<100	<1	<1	<1	<3	—	—	—	—	—
	12/18/07	32.31	340.72	260	<1	<1	1	<3	—	—	—	—	—
	03/27/08	32.63	340.40	660	<1	8	6	<3	—	—	—	—	—
	06/16/08	30.90	342.13	630	2	17	12	<3	—	—	—	—	—
MW06	04/03/95	—	—	<50	<0.5	0.63	<0.5	0.95	—	—	—	—	—
TOC Elevation	07/11/95	—	—	<50	<0.500	<0.500	<0.500	<0.500	—	—	—	—	—
354.52	10/11/95	—	—	<50	<0.500	<0.500	<0.500	<0.500	—	—	—	—	—
	01/25/96	7.87	346.65	<50	<0.500	<0.500	<0.500	<0.500	—	—	—	—	—
	04/30/96	7.44	347.08	<50	<0.500	<0.500	<0.500	<0.500	—	—	—	—	—
	07/30/96	8.05	346.47	<50	<1.00	<1.00	<1.00	<2.00	—	—	—	—	—
	10/24/96	9.40	345.12	<1.00	<1.00	<1.00	<1.00	<1.00	—	—	—	—	—
	01/16/97	7.99	346.53	<50	<0.500	<0.500	<0.500	<0.50	—	—	—	—	—
	04/02/97	8.28	346.24	<50	<1.00	<1.00	<1.00	<1.00	—	—	—	—	—
	07/21/97	7.52	347.00	<50	<2.00	<2.00	<2.00	<2.00	—	—	—	—	—
	10/21/97	9.50	345.02	<50	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	12/01/97	—	—	<80.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	12/09/97	—	—	<80.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	01/21/98	9.72	344.80	<50.0	<1.00	<1.00	<1.00	<3.00	—	—	—	—	—
	05/13/98	9.26	345.26	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	07/09/98	9.20	345.32	<50.0	<1.00	<1.00	<1.00	<3.00	—	—	—	—	—
	10/08/98	9.91	344.61	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	01/20/99	9.35	345.17	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	04/19/99	9.79	344.73	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	07/22/99	8.82	345.70	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	10/21/99	9.87	344.65	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	01/27/00	9.78	344.74	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	04/18/00	9.95	344.57	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	07/13/00	9.65	344.87	<50.0	<1.00	<1.00	<1.00	<3.00	—	—	—	—	—
	10/11/00	9.34	345.18	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	07/26/01	11.82	342.70	<50.0	<1.00	<1.00	<1.00	<3.00	—	—	—	—	—
	11/07/01	12.55	341.97	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	01/16/02	13.15	341.37	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	04/22/02	13.27	341.25	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	07/30/02	12.03	342.49	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	10/29/02	13.05	341.47	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	01/22/03	13.40	341.12	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	04/23/03	14.68	339.84	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	07/08/03	14.40	340.12	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	10/20/03	14.83	339.69	**1,120**	2.98	<0.500	35.3	1.99	—	—	—	—	—
	01/13/04	15.26	339.26	**913**	3.57	<0.500	25.7	1.35	—	—	—	—	—
	04/28/04	15.43	339.09	676	4.71	<0.500	11.8	1.50	—	—	—	—	—
	07/15/04	14.54	339.98	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	10/14/04	14.73	339.79	147	<0.500	<0.500	2.34	<1.00	—	—	—	—	—
	01/18/05	15.29	339.23	**1,000**	2.47	<0.500	14.9	2.37	—	—	—	—	—
	04/08/05	15.60	338.92	745	2.89	<2.00	4.82	<1.50	—	—	—	—	—
	08/04/05	14.65	339.87	516	1.08	<0.500	2.99	<1.00	<5.00	<0.500	<0.500	<1.00	—
	11/10/05	14.94	339.58	358	<1.00	<1.00	4.79	<3.00	<5.00	<1.00	<1.00	<1.00	—
	02/15/06	15.31	339.21	451	<0.500	<0.500	2.17	<3.00	—	—	—	<1.00	—
	06/15/06	13.97	340.55	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	<1.00	—
	08/17/06	14.03	340.49	<80.0	1.02	<0.500	<0.500	<1.00	—	—	—	<1.00	—
	10/31/06	14.37	340.15	130	<1	2	<1	<3	—	—	—	<1	—
	02/25/07	15.31	339.21	780	1	16	4	5	—	—	—	1.51	—
	06/15/07	13.70	340.82	<100	<1	<1	<1	<3	—	—	—	<1	—
	09/11/07	13.52	341.00	<100	<1	<1	<1	<3	—	—	—	—	—
	12/18/07	15.42	339.10	320	<1	<1	2	<3	—	—	—	—	—
	03/27/08	15.72	338.80	520	<1	10	3	<3	—	—	—	—	—
	06/16/08	13.97	340.55	<100	<1	<1	<1	<3	—	—	—	—	—

SOUND ENVIRONMENTAL STRATEGIES

Table 1
Summary of Groundwater Data
PetroSun Fuel, Inc. Facility No. 01-056
500 George Washington Way
Richland, Washington

Well ID	Sample Date	Depth to Groundwater[1] (feet)	Groundwater Elevation[2] (feet)	Analytical Results (µg/L) GRPH[3]	Benzene[4]	Toluene[4]	Ethylbenzene[4]	Total Xylenes[4]	MTBE[4]	EDB[4]	EDC[4]	Total Lead[5]	Dissolved Lead[5]
MW07	04/03/95	—	—	36,000	72.0	470	1,400	6,400	—	—	—	—	—
TOC Elevation	04/19/95	—	—	37,000	88.0	690	1,900	8,100	—	—	—	—	—
355.83	04/20/95	—	—	36,000	96.0	660	1,800	7,900	—	—	—	—	—
	07/11/95	—	—	31,000	35.0	82.0	<10.0	5,300	—	—	—	—	—
	10/11/95	—	—	67,000	190	370	360	8,400	—	—	—	—	—
	01/25/96	9.28	346.55	54,000	22.0	240	1,500	7,000	—	—	—	—	—
	04/30/96	8.85	346.98	39,000	<10.0	190	620	4,600	—	—	—	—	—
	07/30/96	9.42	346.41	32,000	<40.0	57.9	318	3,681	—	—	—	—	—
	10/24/96	10.78	345.05	60,000	<5.0	87.9	837	3,460	—	—	—	—	—
	01/16/97	8.92	346.91	37,800	35.6	73.6	806	3,380	—	—	—	—	—
	04/02/97	9.72	346.11	37,800	<10.0	108	737	3,583	—	—	—	—	—
	07/21/97	9.39	346.44	44,300	<40.0	66.0	930	3,200	—	—	—	—	—
	10/21/97	10.89	344.94	33,100	31.5	39.2	760	2,240	—	—	—	—	—
	12/01/97	—	—	52,600	26.2	38.8	962	3,000	—	—	—	—	—
	12/09/97	—	—	38,400	17.6	24.6	843	2,420	—	—	—	—	—
	01/21/98	11.10	344.73	29,300	<10.0	21.8	788	2,257	—	—	—	—	—
	05/13/98	10.64	345.19	27,700	<25.0	<25.0	678	1,860	—	—	—	—	—
	07/09/98	10.56	345.27	32,300	<10.0	16.8	654	1,748.3	—	—	—	—	—
	10/08/98	11.27	344.56	33,000	<25.0	<25.0	628	1,810	—	—	—	—	—
	01/20/99	10.72	345.11	27,600	<30.0	<25.0	573	1,620	—	—	—	—	—
	04/19/99	11.17	344.66	24,800	<26.0	<10.0	427	1,210	—	—	—	—	—
	07/22/99	10.19	345.64	16,800	<29.0	8.83	279	782	—	—	—	—	—
	10/21/99	11.23	344.60	16,700	<24.5	<4.75	140	334	—	—	—	—	—
	01/27/00	11.15	344.68	23,000	<27.0	<10.0	274	694	—	—	—	—	—
	04/18/00	11.34	344.49	15,600	<10.0	<10.0	227	552	—	—	—	—	—
	07/13/00	11.00	344.83	14,800	<10.0	<10.0	145	311.4	—	—	—	—	—
	10/11/00	10.72	345.11	19,900	<5.00	<6.04	175	474	—	—	—	—	—
	07/26/01	12.56	343.27	7,520	<5.00	<5.00	61.4	160.1	—	—	—	—	—
	11/07/01	13.27	342.56	13,500	18.4	<5.00	116	292	—	—	—	—	—
	01/16/02	13.86	341.97	15,100	16.0	<5.00	129	274	—	—	—	—	—
	04/22/02	13.99	341.84	12,200	30.3	<5.00	146	208	—	—	—	—	—
	07/30/02	12.77	343.06	10,000	18.5	<5.00	129	188	—	—	—	—	—
	10/29/02	13.77	342.06	13,600	8.49	1.64	52.9	106	—	—	—	—	—
	01/22/03	14.10	341.73	14,800	13.3	<2.50	87.6	145	—	—	—	—	—
	04/23/03	15.35	340.48	13,000	34.4	15.1	59.2	78.1	—	—	—	—	—
	07/08/03	15.05	340.78	6,580	11.5	<0.500	18.1	20.7	—	—	—	—	—
	10/20/03	15.45	340.38	8,650	11.4	<0.500	15.1	16.2	—	—	—	—	—
	01/13/04	15.91	339.92	5,440	15.2	<2.50	16.0	17.2	—	—	—	—	—
	04/28/04	16.07	339.76	5,010	19.8	1.34	27.4	11.4	—	—	—	—	—
	07/15/04	15.20	340.63	1,640	<0.500	0.588	0.605	<1.00	—	—	—	—	—
	10/14/04	15.38	340.45	3,560	5.73	<0.500	13.6	8.63	—	—	—	—	—
	01/18/05	15.92	339.91	2,520	4.71	<0.500	7.81	5.93	—	—	—	—	—
	04/08/05	16.25	339.58	171	<0.500	<2.00	<1.00	<1.50	—	—	—	—	—
	08/04/05	15.39	340.44	249	0.653	<0.500	0.642	<1.00	<5.00	<0.500	<0.500	10.8	—
	11/10/05	15.61	340.22	1,450	<1.00	<1.00	7.90	<3.00	<5.00	<1.00	<1.00	1.91	—
	02/17/06	15.95	339.88	776	<0.500	<0.500	0.980	<3.00	—	—	—	<1.00	<1.00
	06/15/06	14.67	341.16	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	<1.00	—
	08/18/06	14.71	341.12	884	12.6	2.19	23.3	4.91	—	—	—	16.3	—
	10/31/06	15.05	340.78	430	<1	2	2	<3	—	—	—	1.52	<1
	02/25/07	15.96	339.87	530	<1	12	2	<3	—	—	—	<1	—
	06/15/07	14.42	341.41	<100	<1	<1	<1	<3	—	—	—	<1	—
	09/11/07	14.37	341.46	7,300	4	38	84	34	—	—	—	3.46	—
	12/18/07	16.06	339.77	1,400	<1	40	9	8	—	—	—	—	—
	03/27/08	16.37	339.46	590	<1	10	3	<3	—	—	—	—	—
	06/16/08	14.63	341.20	170	<1	5	1	<3	—	—	—	—	—
MW13	11/19/95	—	—	<50.0	<0.500	<0.500	<0.500	<0.500	—	—	—	—	—
TOC Elevation	12/15/95	—	—	—	<1.00	<1.00	<1.00	<1.00	—	—	—	—	—
353.67	01/25/96	7.40	346.27	<50.0	<0.500	<0.500	<0.500	<0.500	—	—	—	—	—
	05/01/96	6.94	346.73	<50.0	<0.500	<0.500	<0.500	<0.500	—	—	—	—	—
	07/30/96	7.60	346.07	<50.0	<1.00	<1.00	<1.00	<2.00	—	—	—	—	—
	10/23/96	8.98	344.69	<50.0	<1.00	<1.00	<1.00	<2.00	—	—	—	—	—
	01/16/97	7.52	346.15	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	04/03/97	7.81	345.86	<50.0	<1.00	<1.00	<1.00	<1.00	—	—	—	—	—
	07/21/97	6.94	346.73	<50.0	<2.00	<2.00	<2.00	<2.00	—	—	—	—	—
	10/21/97	9.05	344.62	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	01/21/98	9.18	344.49	<50.0	<1.00	<1.00	<1.00	<3.00	—	—	—	—	—
	05/13/98	8.65	345.02	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	07/09/98	8.65	345.02	<50.0	<1.00	<1.00	<1.00	<3.00	—	—	—	—	—
	10/08/98	9.40	344.27	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	01/19/99	8.84	344.83	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	04/19/99	9.31	344.36	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	07/22/99	8.27	345.40	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	10/21/99	9.33	344.34	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	01/27/00	9.20	344.47	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	04/17/00	9.45	344.22	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	07/13/00	9.09	344.58	<50.0	<1.00	<1.00	<1.00	<3.00	—	—	—	—	—
	10/11/00	8.89	344.78	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	04/17/01	9.55	344.12	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	07/26/01	10.50	343.17	<50.0	<1.00	<1.00	<1.00	<3.00	—	—	—	—	—

SOUND ENVIRONMENTAL STRATEGIES

Table 1
Summary of Groundwater Data
PetroSun Fuel, Inc. Facility No. 01-056
500 George Washington Way
Richland, Washington

Well ID	Sample Date	Depth to Groundwater[1] (feet)	Groundwater Elevation[2] (feet)	Analytical Results (µg/L) GRPH[3]	Benzene[4]	Toluene[4]	Ethylbenzene[4]	Total Xylenes[4]	MTBE[4]	EDB[4]	EDC[4]	Total Lead[5]	Dissolved Lead[5]
MW13	11/07/01	11.13	342.54	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
TOC Elevation	01/16/02	11.66	342.01	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
353.67	04/22/02	11.73	341.94	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	07/30/02	10.60	343.07	<50.0	<0.500	<0.500	<0.500	1.43	—	—	—	—	—
	10/29/02	11.58	342.09	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	01/22/03	11.90	341.77	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	07/08/03	12.87	340.80	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	10/20/03	13.25	340.42	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	01/13/04	13.66	340.01	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	04/28/04	13.79	339.88	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	07/15/04	12.97	340.70	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	01/18/05	13.71	339.96	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	08/04/05	13.15	340.52	<50.0	<0.500	<0.500	<0.500	<1.00	<5.00	<0.500	<0.500	<1.00	—
	11/09/05	13.35	340.32	<50.0	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00	<1.00	—
	02/17/06	13.71	339.96	<50.0	<0.500	<0.500	<0.500	<3.00	—	—	—	<1.00	—
	08/17/06	12.46	341.21	<80.0	<0.500	<0.500	<0.500	<1.00	—	—	—	<1.00	—
	02/22/07	13.69	339.98	—	—	—	—	—	—	—	—	—	—
	06/11/07	12.14	341.53	—	—	—	—	—	—	—	—	—	—
	09/11/07	12.23	341.44	<100	<1	<1	<1	<3	—	—	—	—	—
	12/18/07	13.89	339.78	—	—	—	—	—	—	—	—	—	—
	03/27/08	14.08	339.59	—	—	—	—	—	—	—	—	—	—
	06/16/08	12.27	341.40	—	—	—	—	—	—	—	—	—	—
MW17	11/19/95	—	—	460	3.50	0.95	15.0	18.0	—	—	—	—	—
TOC Elevation	12/15/95	—	—	—	<1.00	<1.00	20.0	<1.00	—	—	—	—	—
354.28	01/25/96	9.12	345.16	310	2.00	<0.5	15.0	<0.500	—	—	—	—	—
	05/01/96	8.62	345.66	200	2.70	1.20	1.70	<0.500	—	—	—	—	—
	05/14/96	8.93	345.35	234	<1.00	<1.00	7.70	<2.00	—	—	—	—	—
	07/30/96	9.40	344.88	247	<1.00	<1.00	7.60	<2.00	—	—	—	—	—
	10/23/96	10.80	343.48	174	<1.00	<1.00	7.74	1.35	—	—	—	—	—
	01/16/97	9.16	345.12	478	<0.500	<0.500	21.3	<1.00	—	—	—	—	—
	04/03/97	9.45	344.83	787	<1.00	1.16	18.0	22.7	—	—	—	—	—
	07/21/97	8.62	345.66	1,670	<2.00	<2.00	54.0	2.8	—	—	—	—	—
	10/21/97	10.71	343.57	1,800	9.41	<2.50	97.3	<5.00	—	—	—	—	—
	12/01/97	—	—	4,350	9.58	2.48	155	15.9	—	—	—	—	—
	12/09/97	—	—	3,100	8.17	2.62	120	7.05	—	—	—	—	—
	01/21/98	10.78	343.50	2,180	<1.00	1.35	131	9.72	—	—	—	—	—
	05/13/98	10.08	344.20	1,930	<12.5	<3.50	117	5.98	—	—	—	—	—
	07/09/98	10.27	344.01	696	<1.00	<1.00	25.6	<3.00	—	—	—	—	—
	10/08/98	11.08	343.20	468	<2.50	<0.600	23.4	<1.00	—	—	—	—	—
	01/19/99	10.30	343.98	823	<3.10	<0.600	29.4	<1.00	—	—	—	—	—
	04/19/99	10.95	343.33	242	<1.30	<0.500	13.7	<1.00	—	—	—	—	—
	07/22/99	9.87	344.41	331	<0.500	4.36	10.3	1.57	—	—	—	—	—
	10/21/99	10.90	343.38	1,560	<5.75	<1.55	59.8	8.61	—	—	—	—	—
	01/27/00	10.69	343.59	735	<4.03	<0.500	30	<1.00	—	—	—	—	—
	04/17/00	10.95	343.33	125	<3.63	<0.500	4.68	<1.00	—	—	—	—	—
	07/13/00	10.67	343.61	217	<1.00	<1.00	15.5	<3.00	—	—	—	—	—
	10/11/00	10.64	343.64	203	<1.24	<0.500	12.7	<1.11	—	—	—	—	—
	01/25/01	10.42	343.86	319	<2.38	<0.500	9.96	<1.03	—	—	—	—	—
	04/17/01	11.40	342.88	91.8	0.997	<0.500	4.69	<1.00	—	—	—	—	—
	07/26/01	11.43	342.85	133	<1.00	<1.00	3.41	<3.00	—	—	—	—	—
	11/07/01	11.88	342.40	104	0.764	<0.500	2.93	<1.00	—	—	—	—	—
	01/16/02	12.25	342.03	243	1.84	<0.500	4.61	<1.00	—	—	—	—	—
	04/22/02	12.29	341.99	139	1.54	<0.500	<0.500	<1.00	—	—	—	—	—
	07/30/02	11.38	342.90	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	10/29/02	12.28	342.00	234	1.36	<0.500	5.06	<1.00	—	—	—	—	—
	01/22/03	12.51	341.77	260	1.45	<0.500	4.55	<1.00	—	—	—	—	—
	04/23/03	13.71	340.57	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	07/08/03	13.50	340.78	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	10/20/03	13.79	340.49	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	01/13/04	14.14	340.14	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	04/28/04	14.29	339.99	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	07/15/04	13.52	340.76	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	10/14/04	13.80	340.48	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	01/18/05	14.22	340.06	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	04/08/05	14.38	339.90	<100	<0.500	<2.00	<1.00	<1.50	—	—	—	—	—
	08/05/05	13.84	340.44	<50.0	<0.500	<0.500	<0.500	<1.00	<5.00	<0.500	<0.500	<1.00	—
	11/09/05	13.93	340.35	<50.0	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00	<1.00	—
	02/17/06	14.20	340.08	<50.0	<0.500	<0.500	<0.500	<3.00	—	—	—	<1.00	—
	08/17/06	13.03	341.25	<80.0	<0.500	<0.500	<0.500	<1.00	—	—	—	<1.00	—
	02/22/07	14.13	340.15	—	—	—	—	—	—	—	—	—	—
	06/11/07	12.67	341.61	—	—	—	—	—	—	—	—	—	—
	09/11/07	13.15	341.13	<100	<1	<1	<1	<3	—	—	—	—	—
	12/18/07	14.42	339.86	—	—	—	—	—	—	—	—	—	—
	03/27/08	14.48	339.80	—	—	—	—	—	—	—	—	—	—

SOUND ENVIRONMENTAL STRATEGIES

Table 1
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500 George Washington Way
Richland, Washington

Well ID	Sample Date	Depth to Groundwater[1] (feet)	Groundwater Elevation[2] (feet)	Analytical Results (µg/L) GRPH[3]	Benzene[4]	Toluene[4]	Ethylbenzene[4]	Total Xylenes[4]	MTBE[4]	EDB[4]	EDC[4]	Total Lead[5]	Dissolved Lead[5]
MW18	11/19/95	—	—	27,000	39	910	740	3,800	—	—	—	—	—
TOC Elevation	07/30/96	8.07	346.44	2,560	<4.0	51.9	41.1	191.4	—	—	—	—	—
354.51	10/24/96	9.40	345.11	5,440	<4.0	58.4	104	365	—	—	—	—	—
	01/16/97	8.02	346.49	2,910	2.75	42.9	85.7	250	—	—	—	—	—
	04/02/97	8.33	346.18	3,200	<4.0	56.2	89.5	288	—	—	—	—	—
	07/21/97	7.55	346.96	3,150	<4.0	44	140	440	—	—	—	—	—
	10/21/97	9.48	345.03	456	2.86	<0.5	5	1.55	—	—	—	—	—
	12/01/97	—	—	4,720	<1.00	36.8	133	308	—	—	—	—	—
	12/09/97	—	—	5,720	6.65	34	149	435	—	—	—	—	—
	01/22/98	9.73	344.78	2,750	<2.00	28.8	90.9	215.8	—	—	—	—	—
	07/09/98	9.20	345.31	3,930	<10.0	60.5	145	464	—	—	—	—	—
	07/22/99	8.78	345.73	2,710	<2.50	43.3	138	377	—	—	—	—	—
	07/13/00	9.61	344.90	4,370	<5.00	18.9	175	595	—	—	—	—	—
	07/26/01	11.86	342.65	4,050	<20.0	<20.0	202	591	—	—	—	—	—
	07/30/02	12.08	342.43	885	2.65	2.19	22.2	12.8	—	—	—	—	—
	07/08/03	14.39	340.12	5,410	16.9	9.97	69.4	25.5	—	—	—	—	—
	07/15/04	14.53	339.98	321	2.26	<0.500	2.02	1.21	—	—	—	—	—
	08/04/05	14.71	339.80	756	2.57	0.747	19.1	2.89	<5.00	<0.500	<0.500	2.17	—
	06/15/06	13.99	340.52	794	<0.500	<0.500	1.76	1.63	—	—	—	1.77	—
	08/18/06	14.03	340.48	410	6.36	0.865	14.2	3.82	—	—	—	7.28	—
	10/31/06	14.39	340.12	1,900	<1	15	20	10	—	—	—	2.54	—
	02/25/07	15.29	339.22	<100	<1	<1	<1	<3	—	—	—	<1	—
	06/15/07	13.74	340.77	460	3	5	3	9	—	—	—	4.91	—
	09/10/07	13.63	340.88	450	<1	6	11	13	—	—	—	—	—
	12/18/07	15.41	339.10	130	<1	<1	<1	<3	—	—	—	—	—
	03/27/08	15.70	338.81	<100	<1	<1	<1	<3	—	—	—	—	—
	06/16/08	13.97	340.54	<100	<1	<1	<1	<3	—	—	—	—	—
MW19	11/19/95	—	—	4,400	32	9.3	127	140	—	—	—	—	—
TOC Elevation	07/30/96	—	—	4,800	<4.0	<4.0	76.4	51.08	—	—	—	—	—
356.17	10/24/96	—	—	3,220	<1.0	1.07	42.7	8.81	—	—	—	—	—
	01/16/97	—	—	2,250	3.94	2.37	21.7	16.2	—	—	—	—	—
	04/02/97	—	—	3,820	<1.0	2.8	31.6	19.86	—	—	—	—	—
	07/21/97	9.29	346.88	3,100	<2.5	<2.5	18	8	—	—	—	—	—
	10/21/97	11.21	344.96	2,930	3.72	18.5	76	223	—	—	—	—	—
	12/01/97	—	—	255	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	12/09/97	—	—	752	2.6	<0.500	8.58	<1.00	—	—	—	—	—
	01/22/98	11.45	344.72	734	<1.00	<1.00	19.7	<3.00	—	—	—	—	—
	07/09/98	10.89	345.28	1,050	<1.00	<1.00	19.4	3.94	—	—	—	—	—
	07/22/99	10.50	345.67	134	<0.500	3.46	3.19	<1.00	—	—	—	—	—
	07/13/00	11.38	344.79	1,470	<1.00	<1.00	31.7	3.69	—	—	—	—	—
	07/26/01	12.80	343.37	1,420	<1.00	<1.00	2.83	<3.00	—	—	—	—	—
	07/30/02	12.98	343.19	130	1.47	<0.500	<0.500	<1.00	—	—	—	—	—
	07/08/03	15.28	340.89	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	07/15/04	15.42	340.75	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	08/04/05	15.66	340.51	<50.0	<0.500	<0.500	<0.500	<1.00	<5.00	<0.500	<0.500	<1.00	—
	08/18/06	14.94	341.23	<80.0	<0.500	<0.500	<0.500	<1.00	—	—	—	10.8	—
	02/22/07	16.18	339.99	—	—	—	—	—	—	—	—	—	—
	06/11/07	14.67	341.50	—	—	—	—	—	—	—	—	—	—
	09/10/07	Inaccessible	—	—	—	—	—	—	—	—	—	—	—
	12/18/07	16.30	339.87	—	—	—	—	—	—	—	—	—	—
	03/27/08	16.60	339.57	—	—	—	—	—	—	—	—	—	—
	06/16/08	14.85	341.32	—	—	—	—	—	—	—	—	—	—
MW20	11/19/95	—	—	<50.0	<0.500	<0.500	<0.500	<0.500	—	—	—	—	—
TOC Elevation	07/31/96	27.93	346.37	<50.0	<1.00	<1.00	<1.00	<2.00	—	—	—	—	—
374.30	07/21/97	27.38	346.92	<50.0	<2.00	<2.00	<2.00	<2.00	—	—	—	—	—
	07/08/98	29.00	345.30	<50.0	<1.00	<1.00	<1.00	<3.00	—	—	—	—	—
	07/22/99	28.64	345.66	<50.0	<0.500	<0.500	<0.500	<0.500	—	—	—	—	—
	07/12/00	29.94	344.36	<50.0	<1.00	<1.00	<1.00	<3.00	—	—	—	—	—
	07/26/01	30.06	344.24	<50.0	<1.00	<1.00	<1.00	<3.00	—	—	—	—	—
	07/30/02	30.23	344.07	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	07/08/03	32.42	341.88	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	07/15/04	32.61	341.69	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	08/02/05	32.78	341.52	<50.0	<0.500	<0.500	<0.500	<1.00	<5.00	<0.500	<0.500	9.65	—
	08/17/06	32.13	342.17	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	10.4	—
	02/22/07	33.34	340.96	—	—	—	—	—	—	—	—	—	—
	06/11/07	31.87	342.43	—	—	—	—	—	—	—	—	—	—
	09/11/07	31.89	342.41	<100	<1	<1	<1	<3	—	—	—	3.84	—
	12/18/07	33.48	340.82	—	—	—	—	—	—	—	—	—	—
	03/27/08	33.74	340.56	—	—	—	—	—	—	—	—	—	—
	06/16/08	32.02	342.28	—	—	—	—	—	—	—	—	—	—
MW23	01/25/96	7.19	344.82	220	1.8	<0.5	1.3	1.9	—	—	—	—	—
TOC Elevation	05/01/96	6.35	345.66	5,500	<0.5	7.2	120	79	—	—	—	—	—
352.01	05/14/96	6.88	345.13	3,720	<2.0	2.20	18.2	6.02	—	—	—	—	—
	07/30/96	7.49	344.52	176	<1.0	<1.0	<1.0	<2.0	—	—	—	—	—
	10/23/96	8.92	343.09	<50	<1.0	<1.0	<1.0	<2.0	—	—	—	—	—
	01/16/97	6.92	345.09	<50	<0.5	<0.5	<0.5	<1.0	—	—	—	—	—
	04/03/97	7.27	344.74	2,780	<4.0	<4.0	13.6	17.46	—	—	—	—	—
	07/21/97	6.50	345.51	255	<2.0	<2.0	<2.0	<2.0	—	—	—	—	—
	10/21/97	8.58	343.43	<50	<0.5	<0.5	<0.5	<1.0	—	—	—	—	—

SOUND ENVIRONMENTAL STRATEGIES

Table 1
Summary of Groundwater Data
PetroSun Fuel, Inc. Facility No. 01-056
500 George Washington Way
Richland, Washington

Well ID	Sample Date	Depth to Groundwater[1] (feet)	Groundwater Elevation[2] (feet)	Analytical Results (µg/L) GRPH[3]	Benzene[4]	Toluene[4]	Ethylbenzene[4]	Total Xylenes[4]	MTBE[4]	EDB[4]	EDC[4]	Total Lead[5]	Dissolved Lead[5]
MW23	01/21/98	8.61	343.40	<50.0	<1.00	<1.00	<1.00	<3.00	—	—	—	—	—
TOC Elevation	05/13/98	7.64	344.37	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
352.01	07/09/98	8.08	343.93	<50.0	<1.00	<1.00	<1.00	<3.00	—	—	—	—	—
	10/08/98	8.99	343.02	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	01/19/99	7.95	344.06	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	04/19/99	8.68	343.33	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	07/22/99	7.56	344.45	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	10/21/99	8.60	343.41	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	01/27/00	8.27	343.74	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	04/17/00	8.52	343.49	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	07/13/00	8.39	343.62	<50.0	<1.00	<1.00	<1.00	<3.00	—	—	—	—	—
	10/11/00	8.63	343.38	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	01/25/01	8.40	343.61	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	04/17/01	9.45	342.56	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	07/27/01	9.38	342.63	<50.0	<1.00	<1.00	<1.00	<3.00	—	—	—	—	—
	11/07/01	9.61	342.40	<50.0	<1.00	<1.00	<1.00	<1.00	—	—	—	—	—
	01/16/02	9.80	342.21	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	04/22/02	9.75	342.26	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	07/30/02	9.22	342.79	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	10/29/02	9.98	342.03	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	01/22/03	10.02	341.99	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	04/23/03	11.29	340.72	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	07/08/03	11.16	340.85	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	10/20/03	11.33	340.68	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	01/13/04	11.58	340.43	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	04/28/04	11.70	340.31	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	07/15/04	10.98	341.03	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	10/14/04	11.50	340.51	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	01/18/05	11.73	340.28	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	04/08/05	11.75	340.26	<100	<0.500	<2.00	<1.00	<1.50	—	—	—	—	—
	08/05/05	11.37	340.64	<50.0	<0.500	<0.500	<0.500	<1.00	<5.00	<0.500	<0.500	<1.00	—
	11/10/05	11.52	340.49	<50.0	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00	<1.00	—
	02/17/06	11.66	340.35	<50.0	<0.500	<0.500	<0.500	<3.00	—	—	—	<1.00	—
	08/17/06	10.48	341.53	<80.0	<0.500	<0.500	<0.500	<1.00	—	—	—	<1.00	—
	02/22/07	11.49	340.52	—	—	—	—	—	—	—	—	—	—
	06/11/07	10.13	341.88	—	—	—	—	—	—	—	—	—	—
	09/11/07	11.11	340.90	<100	<1	<1	<1	<3	—	—	—	—	—
	12/18/07	12.11	339.90	—	—	—	—	—	—	—	—	—	—
	03/27/08	11.82	340.19	—	—	—	—	—	—	—	—	—	—
	06/16/08	9.60	342.41	—	—	—	—	—	—	—	—	—	—
MW25	12/01/97	—	—	24,300	<5.00	7.88	134	237	—	—	—	—	—
TOC Elevation	12/09/97	—	—	17,600	13.2	<5.00	62.8	194	—	—	—	—	—
355.96	07/09/98	10.65	345.31	12,500	<10.0	<10.0	154	185.4	—	—	—	—	—
	04/19/99	11.25	344.71	1,480	3.35	<0.900	20	19.5	—	—	—	—	—
	07/23/99	10.14	345.82	4,010	<0.850	7.14	34.2	23.6	—	—	—	—	—
	10/21/99	11.30	344.66	2,570	<7.30	<2.30	47.2	24.4	—	—	—	—	—
	01/27/00	11.25	344.71	7,090	<120	<5.00	87.6	69.8	—	—	—	—	—
	04/18/00	11.44	344.52	2,560	<0.800	<2.58	41.4	22.8	—	—	—	—	—
	07/13/00	11.10	344.86	4,490	<1.00	<1.00	<1.00	<3.00	—	—	—	—	—
	10/11/00	10.82	345.14	2,890	<1.71	<2.15	34.3	21.3	—	—	—	—	—
	07/26/01	12.54	343.42	3,980	<2.00	<2.00	71.4	38.26	—	—	—	—	—
	11/07/01	13.25	342.71	3,850	13.8	<2.50	17.3	19.5	—	—	—	—	—
	01/16/02	13.82	342.14	4,870	14.1	<2.50	56.2	48.2	—	—	—	—	—
	04/22/02	13.96	342.00	1,880	15.6	0.873	12.9	7.82	—	—	—	—	—
	07/30/02	12.73	343.23	747	6.79	1.47	1.89	<1.00	—	—	—	—	—
	10/29/02	13.75	342.21	2,440	8.69	0.680	20.1	8.23	—	—	—	—	—
	01/22/03	14.10	341.86	1,700	9.24	<1.00	13.9	8.68	—	—	—	—	—
	04/23/03	15.32	340.64	2,510	6.84	0.549	11.0	4.32	—	—	—	—	—
	07/08/03	15.02	340.94	503	4.17	<0.500	1.89	<1.00	—	—	—	—	—
	10/20/03	15.44	340.52	1,670	5.10	<0.500	6.80	2.50	—	—	—	—	—
	01/13/04	15.88	340.08	1,920	7.98	0.677	8.85	3.24	—	—	—	—	—
	04/28/04	16.03	339.93	2,140	13.2	0.824	5.59	2.83	—	—	—	—	—
	07/15/04	15.16	340.80	336	1.64	<0.500	<0.500	1.12	—	—	—	—	—
	10/14/04	15.34	340.62	885	2.21	<0.500	3.01	1.33	—	—	—	—	—
	01/18/05	15.90	340.06	1,100	3.52	<0.500	3.33	1.84	—	—	—	—	—
	04/08/05	16.22	339.74	958	7.39	<2.00	<1.00	<1.50	—	—	—	—	—
	08/04/05	15.39	340.57	869	3.01	<0.500	1.78	2.42	<5.00	<0.500	<0.500	1.51	—
	11/10/05	15.58	340.38	474	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00	<1.00	—
	02/17/06	15.91	340.05	246	<0.500	<0.500	1.15	<3.00	—	—	—	<1.00	—
	06/15/06	14.64	341.32	212	<0.500	<0.500	<0.500	<1.00	—	—	—	<1.00	—
	08/18/06	14.68	341.28	126	1.35	<0.500	<0.500	<1.00	—	—	—	7.15	—
	10/31/06	15.03	340.93	200	<1	3	<1	<3	—	—	—	<1	—
	02/25/07	15.93	340.03	120	<1	4	<1	<3	—	—	—	1.07	—
	06/15/07	Inaccessible	—	—	—	—	—	—	—	—	—	—	—
	09/11/07	14.36	341.60	800	1	25	11	7	—	—	—	—	—
	12/18/07	16.05	339.91	<100	<1	<1	<1	<3	—	—	—	—	—
	03/27/08	16.37	339.59	<100	<1	2	<1	<3	—	—	—	—	—
	06/16/08	14.59	341.37	<100	<1	<1	<1	<3	—	—	—	—	—

SOUND ENVIRONMENTAL STRATEGIES

Table 1
Summary of Groundwater Data
PetroSun Fuel, Inc. Facility No. 01-056
500 George Washington Way
Richland, Washington

Well ID	Sample Date	Depth to Groundwater[1] (feet)	Groundwater Elevation[2] (feet)	Analytical Results (µg/L) GRPH[3]	Benzene[4]	Toluene[4]	Ethylbenzene[4]	Total Xylenes[4]	MTBE[4]	EDB[4]	EDC[4]	Total Lead[5]	Dissolved Lead[5]
MW27	11/08/00	—	—	1,630	6.43	<1.40	19	7.55	—	—	—	—	—
TOC Elevation	01/25/01	9.80	344.82	2,570	<1.21	<1.36	35	12.3	—	—	—	—	—
354.62	04/17/01	10.86	343.76	274	9.34	0.555	4.49	1.41	—	—	—	—	—
	07/26/01	10.84	343.78	2,280	<1.00	<1.00	40.2	15.78	—	—	—	—	—
	11/07/01	11.37	343.25	1,280	7.91	0.712	23.6	1.83	—	—	—	—	—
	01/16/02	11.88	342.74	1,230	7.12	0.586	22.5	2.28	—	—	—	—	—
	04/22/02	11.98	342.64	326	4.23	<0.500	1.37	<1.00	—	—	—	—	—
	07/30/02	10.84	343.78	508	5.12	1.16	1.34	<1.00	—	—	—	—	—
	10/29/02	11.80	342.82	100	<0.500	<0.500	0.760	<1.00	—	—	—	—	—
	01/22/03	12.09	342.53	106	0.556	<0.500	1.20	<1.00	—	—	—	—	—
	04/23/03	13.23	341.39	61.4	0.616	<0.500	0.601	<1.00	—	—	—	—	—
	07/08/03	12.98	341.64	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	10/20/03	13.35	341.27	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	01/13/04	13.77	340.85	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	04/28/04	13.94	340.68	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	07/15/04	13.10	341.52	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	10/14/04	13.27	341.35	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	01/18/05	13.78	340.84	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	04/08/05	14.02	340.60	<100	<0.500	<2.00	<1.00	<1.50	—	—	—	—	—
	08/05/05	13.40	341.22	<50.0	<0.500	<0.500	<0.500	<1.00	<5.00	<0.500	<0.500	<1.00	—
	11/10/05	13.47	341.15	<50.0	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00	<1.00	—
	02/17/06	13.77	340.85	<50.0	<0.500	<0.500	<0.500	<3.00	—	—	—	<1.00	—
	08/17/06	12.58	342.04	<80.0	<0.500	<0.500	<0.500	<1.00	—	—	—	<1.00	—
	02/22/07	13.77	340.85	—	—	—	—	—	—	—	—	—	—
	06/11/07	12.30	342.32	—	—	—	—	—	—	—	—	—	—
	09/11/07	12.50	342.12	210	<1	7	<1	<3	—	—	—	—	—
	12/18/07	13.95	340.67	—	—	—	—	—	—	—	—	—	—
	03/27/08	14.14	340.48	—	—	—	—	—	—	—	—	—	—
	06/16/08	12.36	342.26	—	—	—	—	—	—	—	—	—	—
MW30	07/15/04	13.85	341.58	55.7	<0.300	<0.500	<0.500	<1.00	—	—	—	—	—
TOC Elevation	10/14/04	14.06	341.37	804	2.84	0.514	12.6	1.62	—	—	—	—	—
355.43	01/18/05	14.60	340.83	524	3.79	<0.500	4.28	1.42	—	—	—	—	—
	04/08/05	14.90	340.53	<100	<0.500	<2.00	<1.00	<1.50	—	—	—	—	—
	08/04/05	14.00	341.43	<50.0	<0.500	<0.500	<0.500	<1.00	<5.00	<0.500	<0.500	<1.00	—
	11/10/05	14.24	341.19	184	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00	<1.00	—
	02/17/06	14.62	340.81	124	<0.500	<0.500	<0.500	<3.00	—	—	—	<1.00	—
	06/15/06	13.23	342.20	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	<1.00	—
	08/17/06	13.31	342.12	<80.0	<0.500	<0.500	<0.500	<1.00	—	—	—	<1.00	—
	10/31/06	13.69	341.74	<100	<1	<1	<1	<3	—	—	—	<1	—
	02/25/07	14.62	340.81	150	<1	6	1	<3	—	—	—	<1	—
	06/15/07	12.99	342.44	<100	<1	<1	<1	<3	—	—	—	<1	—
	09/11/07	12.82	342.61	<100	<1	<1	<1	<3	—	—	—	—	—
	12/18/07	14.74	340.69	<100	<1	<1	<1	<3	—	—	—	—	—
	03/27/08	15.03	340.40	<100	<1	1	<1	<3	—	—	—	—	—
	06/16/08	13.27	342.16	<100	<1	1	<1	<3	—	—	—	—	—
MW31	07/15/04	13.48	341.55	<50.0	<0.300	<0.500	<0.500	<1.00	—	—	—	—	—
TOC Elevation	10/14/04	13.68	341.35	<50.0	<0.300	<0.500	<0.500	<1.00	—	—	—	—	—
355.03	01/18/05	14.23	340.80	64.3	<0.500	0.503	<0.500	<1.00	—	—	—	—	—
	04/08/05	14.52	340.51	145	<0.500	<2.00	<1.00	<1.50	—	—	—	—	—
	08/05/05	13.76	341.27	<50.0	<0.500	<0.500	<0.500	<1.00	<5.00	<0.500	<0.500	<1.00	—
	11/10/05	13.84	341.19	<50.0	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00	<1.00	—
	02/17/06	14.25	340.78	<50.0	<0.500	<0.500	<0.500	<3.00	—	—	—	<1.00	—
	06/15/06	12.87	342.16	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	<1.00	—
	08/18/06	12.96	342.07	<80.0	<0.500	<0.500	<0.500	<1.00	—	—	—	<1.00	—
	10/31/06	13.31	341.72	—	—	—	—	—	—	—	—	—	—
	02/25/07	14.26	340.77	110	<1	4	<1	<3	—	—	—	<1	—
	06/15/07	Inaccessible	—	—	—	—	—	—	—	—	—	—	—
	09/11/07	12.42	342.61	<100	<1	<1	<1	<3	—	—	—	—	—
	12/18/07	Inaccessible	—	—	—	—	—	—	—	—	—	—	—
	03/27/08	14.66	340.37	<100	<1	<1	<1	<3	—	—	—	—	—
	06/16/08	12.91	342.12	<100	<1	<1	<1	<3	—	—	—	—	—
MW32	07/15/04	32.34	341.72	1,730	1.61	<0.500	1.76	3.10	—	—	—	—	—
TOC Elevation	10/14/04	32.58	341.48	9,780	5.65	2.74	16.6	13.1	—	—	—	—	—
374.06	01/18/05	33.10	340.96	6,640	7.04	<2.50	7.60	7.22	—	—	—	—	—
	04/08/05	33.45	340.61	5,360	9.38	2.94	5.86	8.61	—	—	—	—	—
	08/02/05	31.55	342.51	2,640	3.75	1.3	5.01	4.64	<5.00	<0.500	<0.500	42	—
	10/03/05	—	—	—	—	—	—	—	—	—	—	<1.00	<1.00
	11/09/05	32.76	341.30	4,360	<1.00	<1.00	4.16	<3.00	<5.00	<1.00	<1.00	1.07	<1.00
	02/16/06	33.16	340.90	4,630	<0.500	0.730	3.96	<3.00	—	—	—	<1.00	<1.00
	06/14/06	31.85	342.21	4,180	<0.500	1.81	5.24	2.66	—	—	—	<1.00	<1.00
	08/16/06	31.87	342.19	1,400	3.44	<0.500	1.00	2.55	—	—	—	3.15	<1.00
	11/01/06	32.23	341.83	1,200	<1	16	3	7	—	—	—	1.08	<1
	02/25/07	33.16	340.90	870	1	15	3	8	—	—	—	1.74	<1
	06/14/07	31.53	342.53	520	4	16	2	4	—	—	—	5.97	<1
	09/11/07	31.33	342.73	4,300	<1	52	14	9	—	—	—	—	—
	12/18/07	33.28	340.78	3,600	<1	54	12	9	—	—	—	—	—
	03/27/08	33.59	340.47	1,700	<1	20	3	<3	—	—	—	—	—
	06/16/08	31.86	342.20	1,300	<1	27	3	5	—	—	—	—	—

SOUND ENVIRONMENTAL STRATEGIES

Table 1
Summary of Groundwater Data
PetroSun Fuel, Inc. Facility No. 01-056
500 George Washington Way
Richland, Washington

Well ID	Sample Date	Depth to Groundwater[1] (feet)	Groundwater Elevation[2] (feet)	Analytical Results (µg/L) GRPH[3]	Benzene[4]	Toluene[4]	Ethylbenzene[4]	Total Xylenes[4]	MTBE[4]	EDB[4]	EDC[4]	Total Lead[5]	Dissolved Lead[5]
MW33	07/15/04	32.29	341.66	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
TOC Elevation	10/14/04	32.48	341.47	184	1.05	<0.500	<0.500	<1.00	—	—	—	—	—
373.95	01/18/05	33.02	340.93	425	3.80	<0.500	1.92	<1.00	—	—	—	—	—
	04/08/05	33.33	340.62	<100	<0.500	<2.00	<1.00	<1.50	—	—	—	—	—
	08/02/05	32.45	341.50	114	<0.500	<0.500	<0.500	<1.00	<5.00	<0.500	<0.500	105	—
	10/03/05	—	—	—	—	—	—	—	—	—	—	<1.00	<1.00
	11/09/05	31.66	342.29	142	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00	2.72	<1.00
	02/16/06	33.06	340.89	371	<0.500	<0.500	3.01	<3.00	—	—	—	1.84	<1.00
	06/14/06	31.73	342.22	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	3.71	<1.00
	08/16/06	31.77	342.18	346	1.46	<0.500	<0.500	<1.00	—	—	—	6.75	<1.00
	11/01/06	32.12	341.83	<100	<1	<1	<1	<3	—	—	—	2.20	<1
	02/25/07	33.06	340.89	640	2	20	5	4	—	—	—	3.17	<1
	06/14/07	31.42	342.53	240	<1	9	<1	<3	—	—	—	<10	<1
	09/10/07	31.21	342.74	<100	<1	<1	<1	<3	—	—	—	—	—
	12/18/07	33.17	340.78	890	<1	<1	10	7	—	—	—	—	—
	03/27/08	33.49	340.46	810	<1	15	7	<3	—	—	—	—	—
	06/16/08	31.74	342.21	490	2	15	2	<3	—	—	—	—	—
VW01	02/01/95	—	—	16,000	15	13	400	1,500	—	—	—	—	—
TOC Elevation	09/20/96	—	—	15,200	<4.0	<4.0	436	269.5	—	—	—	—	—
372.67	01/15/97	26.07	346.60	5,100	5.51	1.22	84.5	19.6	—	—	—	—	—
	04/18/97	25.64	347.03	12,200	<10.0	<10.0	287	386.8	—	—	—	—	—
	07/21/97	27.20	345.47	1,700	<17	<17	290	610	—	—	—	—	—
	07/08/98	26.83	345.84	11,400	<10.0	<10.0	354	576	—	—	—	—	—
	07/12/00	27.60	345.07	5,170	<1.00	5.24	166	177.2	—	—	—	—	—
	07/26/01	28.02	344.65	—	—	—	—	—	—	—	—	—	—
	07/30/02	28.45	344.22	—	—	—	—	—	—	—	—	—	—
	08/03/05	Dry	—	—	—	—	—	—	—	—	—	—	—
	08/16/06	Dry	—	—	—	—	—	—	—	—	—	—	—
	02/22/07	Dry	—	—	—	—	—	—	—	—	—	—	—
	06/11/07	Dry	—	—	—	—	—	—	—	—	—	—	—
	09/11/07	Dry	—	—	—	—	—	—	—	—	—	—	—
	12/18/07	Dry	—	—	—	—	—	—	—	—	—	—	—
	03/27/08	Dry	—	—	—	—	—	—	—	—	—	—	—
	06/16/08	Dry	—	—	—	—	—	—	—	—	—	—	—
VW02	07/23/99	28.05	345.71	4,860	15.2	<8.00	152	175	—	—	—	—	—
TOC Elevation	09/19/96	—	—	9,470	<4.0	4.73	65.9	40.17	—	—	—	—	—
373.76	01/15/97	27.27	346.49	7,880	6.64	4.72	42.8	32.3	—	—	—	—	—
	04/02/97	—	—	2,670	<4.0	<4.0	37.8	13	—	—	—	—	—
	04/18/97	—	—	5,140	<1.0	2.2	40	15.71	—	—	—	—	—
	07/21/97	26.82	346.94	7,430	<10	<10	45	21	—	—	—	—	—
	07/08/98	28.44	345.32	5,370	<1.00	2.26	41.7	10.54	—	—	—	—	—
	07/23/99	28.05	345.71	602	9.41	<1.50	11.8	<3.30	—	—	—	—	—
	07/12/00	28.84	344.92	2,650	<1.00	1.17	42.2	5.35	—	—	—	—	—
	07/26/01	29.45	344.31	944	<1.00	<1.00	<1.00	<3.00	—	—	—	—	—
	07/31/02	29.68	344.08	1,680	8.57	0.573	5.50	5.07	—	—	—	—	—
	07/09/03	31.96	341.80	6,030	30.6	<2.50	19.2	16.2	—	—	—	—	—
	07/15/04	32.12	341.64	504	1.25	<0.500	1.94	1.75	—	—	—	—	—
	08/03/05	32.29	341.47	189	0.52	<0.500	<0.500	<1.00	<5.00	<0.500	<0.500	52.8	—
	10/03/05	—	—	—	—	—	—	—	—	—	—	2	<1.00
	06/14/06	31.61	342.15	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	<1.00	<1.00
	08/16/06	31.62	342.14	422	1.97	<0.500	<0.500	<1.00	—	—	—	17.8	<1.00
	02/24/07	32.88	340.88	<100	<1	<1	<1	<3	—	—	—	5.81	—
	06/14/07	31.36	342.40	140	<1	4	<1	<3	—	—	—	8.23	—
	09/11/07	31.27	342.49	1,300	1	33	4	6	—	—	—	42.1	—
	12/18/07	33.00	340.76	<100	<1	<1	<1	<3	—	—	—	<1	—
	03/27/08	33.30	340.46	<100	<1	<1	<1	<3	—	—	—	<1	—
	06/16/08	31.55	342.21	<100	<1	<1	<1	<3	—	—	—	<1	—
VW03	09/19/96	—	—	12,700	<10.0	<10.0	173	247.4	—	—	—	—	—
TOC Elevation	01/14/97	—	—	13,000	12.4	11.9	98.3	261	—	—	—	—	—
373.34	04/18/97	—	—	3,530	<1.0	<1.0	7.76	13.37	—	—	—	—	—
	07/21/97	26.38	346.96	10,300	<10.0	<10.0	121	282.6	—	—	—	—	—
	07/08/98	28.01	345.33	5,760	<1.00	<1.00	58.4	71.6	—	—	—	—	—
	07/23/99	27.65	345.69	676	7.55	<1.00	13.3	8.2	—	—	—	—	—
	07/12/00	28.70	344.64	2,910	<1.00	<1.00	27.4	19.98	—	—	—	—	—
	07/26/01	29.01	344.33	435	<1.00	<1.00	<1.00	<3.00	—	—	—	—	—
	07/31/02	29.29	344.05	1,220	5.58	<0.500	4.47	2.70	—	—	—	—	—
	07/09/03	31.59	341.75	4,260	23.5	<2.50	39.8	6.92	—	—	—	—	—
	07/15/04	31.76	341.58	2,650	22.5	1.68	19.3	5.44	—	—	—	—	—
	08/03/05	31.90	341.44	1,670	6.67	<0.500	4.15	2.93	<5.00	<0.500	<0.500	55.3	—
	10/03/05	—	—	—	—	—	—	—	—	—	—	<1.00	<1.00
	06/14/06	31.16	342.18	2,840	<0.500	1.72	6.22	1.30	—	—	—	1.04	<1.00
	08/16/06	31.22	342.12	1,320	6.45	<0.500	3.15	2.36	—	—	—	23.7	<1.00
	10/31/06	31.58	341.76	1,100	<1	14	4	6	—	—	—	12.2	<1
	02/24/07	32.50	340.84	1,700	4	37	8	10	—	—	—	16.3	<1
	06/14/07	30.95	342.39	830	8	15	2	4	—	—	—	15.0	<1
	09/10/07	30.81	342.53	2,200	<1	38	8	7	—	—	—	19.2	—
	12/18/07	32.60	340.74	690	<1	28	4	<3	—	—	—	<1	—
	03/27/08	32.93	340.41	630	<1	14	1	<3	—	—	—	<1	—
	06/16/08	31.40	341.94	380	<1	15	1.6	<3	—	—	—	<1	—

SOUND ENVIRONMENTAL STRATEGIES

Table 1
Summary of Groundwater Data
PetroSun Fuel, Inc. Facility No. 01-056
500 George Washington Way
Richland, Washington

Well ID	Sample Date	Depth to Groundwater[1] (feet)	Groundwater Elevation[2] (feet)	Analytical Results (µg/L) GRPH[3]	Benzene[4]	Toluene[4]	Ethylbenzene[4]	Total Xylenes[4]	MTBE[4]	EDB[4]	EDC[4]	Total Lead[5]	Dissolved Lead[5]
VW04	09/19/96	—	—	20,600	<10.0	41.9	656	3,147	—	—	—	—	—
TOC Elevation	01/14/97	27.12	346.59	36,700	8.35	58.5	320	5,230	—	—	—	—	—
373.71	04/18/97	—	—	22,400	<100	<100	135	3,540	—	—	—	—	—
	07/21/97	26.70	347.01	25,300	<29	<29	270	2,900	—	—	—	—	—
	07/08/98	28.33	345.38	16,500	<10.0	<10.0	296	1,806	—	—	—	—	—
	07/23/99	27.95	345.76	1,990	3.25	<0.500	83.8	186	—	—	—	—	—
	07/12/00	28.76	344.95	5,800	<1.00	<1.00	220	965	—	—	—	—	—
	07/26/01	29.32	344.39	375	<1.00	<1.00	<1.00	<3.00	—	—	—	—	—
	07/31/02	29.60	344.11	488	4.08	<0.500	1.08	1.45	—	—	—	—	—
	07/09/03	31.92	341.79	7,510	11.7	<2.50	108	202	—	—	—	—	—
	07/15/04	32.08	341.63	6,480	14.3	1.56	82.4	97.9	—	—	—	—	—
	08/03/05	32.26	341.45	4,290	2.68	<0.500	26.5	61.2	<5.00	<0.500	<0.500	17.1	—
	10/03/05	—	—	—	—	—	—	—	—	—	—	<1.00	<1.00
	06/14/06	31.55	342.16	7,670	<2.50	<2.50	49.1	72.1	—	—	—	<1.00	<1.00
	08/16/06	31.59	342.12	1,960	2.82	<0.500	11.7	10.6	—	—	—	7.64	<1.00
	10/31/06	31.93	341.78	4,500	<5	12	40	48	—	—	—	<1	<1
	02/24/07	32.86	340.85	5,700	7	22	34	63	—	—	—	6.38	<1
	06/14/07	31.27	342.44	2,800	16	18	24	27	—	—	—	4.73	<1
	09/10/07	31.08	342.63	3,800	<1	25	36	61	—	—	—	—	—
	12/18/07	32.96	340.75	5,000	<1	<1	32	57	—	—	—	—	—
	03/27/08	33.30	340.41	3,200	<1	17	27	18	—	—	—	—	—
	06/16/08	31.54	342.17	1,900	<1	28	34	15	—	—	—	—	—
VW05	09/20/96	—	—	46,100	<100	<100	448	3,920	—	—	—	—	—
TOC Elevation	01/15/97	26.62	346.59	32,200	11.9	71.2	320	2,710	—	—	—	—	—
373.21	04/18/97	—	—	103,000	<10.0	46.4	293	2,056	—	—	—	—	—
	07/21/97	26.18	347.03	47,100	<4.0	<4.0	<4.0	300	—	—	—	—	—
	07/08/98	27.80	345.41	31,400	<10.0	34.6	213	1,570	—	—	—	—	—
	07/23/99	27.42	345.79	14,400	19.3	<11.0	89.6	1,050	—	—	—	—	—
	07/12/00	28.20	345.01	37,400	<1.00	<1.00	531	4,860	—	—	—	—	—
	07/26/01	28.80	344.41	11,000	<20.0	<20.0	94.3	439	—	—	—	—	—
	07/31/02	29.09	344.12	14,200	9.09	<2.50	33.6	101	—	—	—	—	—
	07/09/03	31.42	341.79	6,790	12.8	<2.50	12.7	74.7	—	—	—	—	—
	07/15/04	31.58	341.63	3,750	6.01	<0.500	0.904	1.30	—	—	—	—	—
	08/03/05	31.74	341.47	3,510	0.759	<0.500	5.24	7.29	<5.00	<0.500	<0.500	84.6	—
	10/03/05	—	—	—	—	—	—	—	—	—	—	27	3.85
	06/14/06	31.07	342.14	1,640	<0.500	<0.500	0.816	1.86	—	—	—	9.40	4.44
	08/16/06	31.07	342.14	988	0.644	<0.500	1.07	2.36	—	—	—	35.9	<1.00
	10/31/06	31.42	341.79	720	<1	4	2	<3	—	—	—	2.99	<1
	02/24/07	32.36	340.85	800	<1	8	3	5	—	—	—	33.4	<1
	06/14/07	30.81	342.40	320	1	10	3	<3	—	—	—	12.4	<1
	09/11/07	30.65	342.56	690	<1	16	3	5	—	—	—	39.0	—
	12/18/07	32.45	340.76	350	<1	<1	2	3	—	—	—	<1	—
	03/26/08	32.78	340.43	110	<1	3	<1	<3	—	—	—	<1	—
	06/16/08	31.07	342.14	—	—	—	—	—	—	—	—	—	—
SW01	04/03/95	—	—	710	<0.5	<0.500	0.82	11.0	—	—	—	—	—
TOC Elevation	04/19/95	—	—	<50.0	<0.5	<0.500	<0.500	<0.500	—	—	—	—	—
373.67	04/20/95	—	—	580	<0.5	<0.500	4.70	25.0	—	—	—	—	—
	07/11/95	—	—	280	1.8	<0.500	16.0	1.10	—	—	—	—	—
	10/11/95	—	—	<50	<0.5	1.30	<0.500	<0.500	—	—	—	—	—
	09/20/96	—	—	116	<1.0	<1.00	<1.00	<2.00	—	—	—	—	—
	01/15/97	27.10	346.57	<50.0	<0.5	<0.500	<0.500	<1.00	—	—	—	—	—
	07/21/97	26.62	347.05	<50.0	<2.0	<2.00	<2.00	<2.00	—	—	—	—	—
	07/08/98	28.31	345.36	<50.0	<1.00	<1.00	<1.00	<3.00	—	—	—	—	—
	07/23/99	27.93	345.74	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	07/12/00	28.95	344.72	<50.0	<1.00	<1.00	<1.00	<3.00	—	—	—	—	—
	07/26/01	29.24	344.43	<50.0	<1.00	<1.00	<1.00	<3.00	—	—	—	—	—
	07/31/02	29.51	344.16	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	07/09/03	31.93	341.74	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	07/15/04	32.05	341.62	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	08/01/05	32.17	341.50	<50.0	<0.500	<0.500	<0.500	<1.00	<5.00	<0.500	<0.500	103	
	10/03/05	—	—	—	—	—	—	—	—	—	—	16.1	<1.00
	08/17/06	31.50	342.17	<80.0	<0.500	<0.500	<0.500	<1.00	—	—	—	15.7	—
	02/22/07	32.77	340.90	—	—	—	—	—	—	—	—	—	—
	06/11/07	31.20	342.47	—	—	—	—	—	—	—	—	—	—
	09/10/07	31.02	342.65	<100	<1	<1	<1	<3	—	—	—	4.97	—
	12/18/07	30.84	342.83	—	—	—	—	—	—	—	—	—	—
	03/27/08	31.19	342.48	—	—	—	—	—	—	—	—	—	—
	06/16/08	30.99	342.68	—	—	—	—	—	—	—	—	—	—
SW02	09/19/96	—	—	<50.0	<1.0	<1.00	<1.00	<2.00	—	—	—	—	—
TOC Elevation	01/15/97	27.80	346.45	<50.0	<0.5	<0.500	<0.500	<1.00	—	—	—	—	—
374.25	04/17/97	—	—	<50.0	<1.0	<1.00	<1.00	<2.00	—	—	—	—	—
	07/21/97	27.30	346.95	<50.0	<2.0	<2.00	<2.00	<2.00	—	—	—	—	—
	07/09/98	28.95	345.30	<50.0	<1.00	<1.00	<1.00	<3.00	—	—	—	—	—
	07/23/99	28.55	345.70	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	07/12/00	29.34	344.91	<50.0	<1.00	<1.00	<1.00	<3.00	—	—	—	—	—
	07/26/01	29.52	344.73	<50.0	<1.00	<1.00	<1.00	<3.00	—	—	—	—	—
	07/31/02	29.73	344.52	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	07/09/03	31.98	342.27	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	07/15/04	32.11	342.14	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—

SOUND ENVIRONMENTAL STRATEGIES

Table 1
Summary of Groundwater Data
PetroSun Fuel, Inc. Facility No. 01-056
500 George Washington Way
Richland, Washington

Well ID	Sample Date	Depth to Groundwater[1] (feet)	Groundwater Elevation[2] (feet)	Analytical Results (µg/L) GRPH[3]	Benzene[4]	Toluene[4]	Ethylbenzene[4]	Total Xylenes[4]	MTBE[4]	EDB[4]	EDC[4]	Total Lead[5]	Dissolved Lead[5]
SW02	08/02/05	32.28	341.97	<50.0	<0.500	<0.500	<0.500	<1.00	<5.00	<0.500	<0.500	3.20	—
TOC Elevation	08/17/06	31.63	342.62	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	6.71	—
374.25	02/22/07	32.89	341.36	—	—	—	—	—	—	—	—	—	—
	06/11/07	31.39	342.86	—	—	—	—	—	—	—	—	—	—
	09/11/07	31.36	342.89	<100	<1	<1	<1	<3	—	—	—	—	—
	12/18/07	33.00	341.25	—	—	—	—	—	—	—	—	—	—
	03/27/08	33.30	340.95	—	—	—	—	—	—	—	—	—	—
	06/16/08	31.54	342.71	—	—	—	—	—	—	—	—	—	—
SW03	09/19/96	—	—	<50.0	<1.0	<1.00	<1.00	<2.00	—	—	—	—	—
TOC Elevation	01/15/97	27.71	346.49	<50.0	<0.5	<0.500	<0.500	<1.00	—	—	—	—	—
374.20	04/17/97	—	—	<50.0	<1.0	<1.00	<1.00	<1.00	—	—	—	—	—
	07/21/97	27.23	346.97	<50.0	<2.0	<2.00	<2.00	<2.00	—	—	—	—	—
	07/08/98	28.88	345.32	<50.0	<1.00	<1.00	<1.00	<3.00	—	—	—	—	—
	07/23/99	28.48	345.72	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	07/12/00	29.27	344.93	<50.0	<1.00	<1.00	<1.00	<3.00	—	—	—	—	—
	07/26/01	29.43	344.77	<50.0	<1.00	<1.00	<1.00	<3.00	—	—	—	—	—
	07/31/02	29.65	344.55	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	07/09/03	31.94	342.26	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	07/15/04	32.10	342.10	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	08/02/05	32.25	341.95	<50.0	<0.500	<0.500	<0.500	<1.00	<5.00	<0.500	<0.500	3.93	—
	08/16/06	31.61	342.59	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	3.84	—
	02/22/07	32.85	341.35	—	—	—	—	—	—	—	—	—	—
	06/11/07	31.34	342.86	—	—	—	—	—	—	—	—	—	—
	09/11/07	31.27	342.93	<100	<1	<1	<1	<3	—	—	—	—	—
	12/18/07	32.99	341.21	—	—	—	—	—	—	—	—	—	—
	03/27/08	33.26	340.94	—	—	—	—	—	—	—	—	—	—
	06/16/08	31.52	342.68	—	—	—	—	—	—	—	—	—	—
SW04	09/19/96	—	—	1,350	<1.0	<1.00	34.0	3.06	—	—	—	—	—
TOC Elevation	01/15/97	27.41	346.50	125	<0.5	<0.500	0.893	1.80	—	—	—	—	—
373.91	04/17/97	—	—	<50	<1.0	<1.00	<1.00	2.22	—	—	—	—	—
	07/21/97	26.93	346.98	298	<2.0	<2.00	9.10	3.00	—	—	—	—	—
	07/08/98	28.60	345.31	1,190	<1.00	<1.00	36.7	2.38	—	—	—	—	—
	07/23/99	28.20	345.71	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	07/12/00	28.98	344.93	707	<1.00	<1.00	<1.00	<3.00	—	—	—	—	—
	07/26/01	29.14	344.77	<50.0	<1.00	<1.00	<1.00	<3.00	—	—	—	—	—
	07/31/02	29.37	344.54	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	07/09/03	31.68	342.23	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	07/15/04	31.84	342.07	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	08/02/05	32.00	341.91	<50.0	<0.500	<0.500	<0.500	<1.00	<5.00	<0.500	<0.500	<1.00	—
	08/16/06	31.34	342.57	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	<1.00	—
	02/22/07	32.61	341.30	—	—	—	—	—	—	—	—	—	—
	06/11/07	31.06	342.85	—	—	—	—	—	—	—	—	—	—
	09/10/07	30.94	342.97	<100	<1	<1	<1	<3	—	—	—	—	—
	12/18/07	32.76	341.15	—	—	—	—	—	—	—	—	—	—
	03/27/08	33.30	340.61	—	—	—	—	—	—	—	—	—	—
	06/16/08	31.26	342.65	—	—	—	—	—	—	—	—	—	—
SW05	09/19/96	—	—	8,610	<10.0	<10.0	83.1	43	—	—	—	—	—
TOC Elevation	01/14/97	27.25	346.55	7,770	9.55	1.83	44.5	34	—	—	—	—	—
373.80	04/17/97	—	—	6,240	<1.0	1.43	6.7	35.88	—	—	—	—	—
	07/21/97	26.76	347.04	5,460	<6.7	<6.7	34	15	—	—	—	—	—
	07/08/98	28.45	345.35	4,020	<2.00	<2.00	42.5	10.55	—	—	—	—	—
	07/23/99	28.05	345.75	562	<4.00	<0.500	9.25	5.01	—	—	—	—	—
	07/12/00	28.84	344.96	937	<1.00	<1.00	19.8	<3.00	—	—	—	—	—
	07/26/01	29.04	344.76	<50.0	<1.00	<1.00	<1.00	<3.00	—	—	—	—	—
	07/31/02	29.29	344.51	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	07/09/03	31.62	342.18	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	07/15/04	31.79	342.01	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	08/02/05	31.92	341.88	<50.0	<0.500	<0.500	<0.500	<1.00	<5.00	<0.500	<0.500	2.25	—
	08/17/06	31.27	342.53	<80.0	<0.500	<0.500	<0.500	<1.00	—	—	—	1.32	—
	02/22/07	32.54	341.26	—	—	—	—	—	—	—	—	—	—
	06/11/07	30.97	342.83	—	—	—	—	—	—	—	—	—	—
	09/10/07	30.80	343.00	<100	<1	<1	<1	<3	—	—	—	—	—
	12/18/07	32.66	341.14	—	—	—	—	—	—	—	—	—	—
	03/27/08	32.96	340.84	—	—	—	—	—	—	—	—	—	—
	06/16/08	31.21	342.59	—	—	—	—	—	—	—	—	—	—
SW06	09/19/96	—	—	116	<1.0	<1.00	2.66	<2.00	—	—	—	—	—
TOC Elevation	01/14/97	27.12	346.30	<50.0	<0.5	<0.500	<0.500	<1.00	—	—	—	—	—
373.42	04/17/97	—	—	<50.0	<1.0	<1.00	<1.00	<1.00	—	—	—	—	—
	07/21/97	26.64	346.78	<50.0	<2.0	<2.00	<2.00	<2.00	—	—	—	—	—
	07/08/98	28.32	345.10	<50.0	<1.00	<1.00	<1.00	<3.00	—	—	—	—	—
	07/23/99	27.63	345.79	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	07/12/00	28.85	344.57	<50.0	<1.00	<1.00	11.8	4.78	—	—	—	—	—
	07/26/01	28.88	344.54	<50.0	<1.00	<1.00	<1.00	<3.00	—	—	—	—	—
	07/31/02	29.11	344.31	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	07/09/03	31.47	341.95	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	07/15/04	31.64	341.78	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	08/02/05	31.79	341.63	<50.0	<0.500	<0.500	<0.500	<1.00	<5.00	<0.500	<0.500	20.1	—
	10/03/05	—	—	—	—	—	—	—	—	—	—	3.96	<1.00
	08/16/06	31.13	342.29	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	30.2	<1.00

SOUND ENVIRONMENTAL STRATEGIES

Table 1
Summary of Groundwater Data
PetroSun Fuel, Inc. Facility No. 01-056
500 George Washington Way
Richland, Washington

Well ID	Sample Date	Depth to Groundwater[1] (feet)	Groundwater Elevation[2] (feet)	Analytical Results (µg/L) GRPH[3]	Benzene[4]	Toluene[4]	Ethylbenzene[4]	Total Xylenes[4]	MTBE[4]	EDB[4]	EDC[4]	Total Lead[5]	Dissolved Lead[5]
SW06	02/22/07	32.41	341.01	—	—	—	—	—	—	—	—	—	—
TOC Elevation	06/11/07	30.80	342.62	—	—	—	—	—	—	—	—	—	—
373.42	09/10/07	30.59	342.83	<100	<1	<1	<1	<3	—	—	—	2.12	—
	12/18/07	32.53	340.89	—	—	—	—	—	—	—	—	—	—
	03/27/08	32.82	340.60	—	—	—	—	—	—	—	—	—	—
	06/16/08	31.08	342.34	—	—	—	—	—	—	—	—	—	—
SW07	12/01/97	—	—	44,200	<10.0	<10.0	518	2,120	—	—	—	—	—
TOC Elevation	12/09/97	—	—	8,340	<5.00	<5.00	35.2	232	—	—	—	—	—
356.65	07/09/98	10.48	346.17	5,670	<1.00	1.27	97.7	107.21	—	—	—	—	—
	07/23/99	10.13	346.52	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	07/13/00	10.92	345.73	399	<1.00	<1.00	<1.00	<3.00	—	—	—	—	—
	07/26/01	12.42	344.23	1,250	<1.00	<1.00	14.9	9.66	—	—	—	—	—
	07/31/02	12.60	344.05	<50.0	0.560	<0.500	<0.500	<1.00	—	—	—	—	—
	07/09/03	14.91	341.74	<50.0	0.560	<0.500	<0.500	<1.00	—	—	—	—	—
	07/15/04	15.05	341.60	<50.0	0.560	<0.500	<0.500	<1.00	—	—	—	—	—
	08/03/05	15.25	341.40	<50.0	<0.500	<0.500	<0.500	<1.00	<5.00	<0.500	<0.500	1.46	—
	08/18/06	14.56	342.09	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	17.1	<1.00
	02/22/07	15.81	340.84	—	—	—	—	—	—	—	—	—	—
	06/15/07	Inaccessible	—	—	—	—	—	—	—	—	—	—	—
	09/11/07	14.21	342.44	<100	<1	<1	<1	<3	—	—	—	2.48	—
	12/18/07	15.92	340.73	—	—	—	—	—	—	—	—	—	—
	03/27/08	16.22	340.43	—	—	—	—	—	—	—	—	—	—
	06/16/08	14.47	342.18	—	—	—	—	—	—	—	—	—	—
SW12	01/19/99	—	—	12,500	<20.0	<7.50	129	197	—	—	—	—	—
TOC Elevation	07/23/99	10.92	345.94	5,170	<15.0	<3.00	49.4	39.4	—	—	—	—	—
356.86	07/13/00	11.71	345.15	2,480	<1.00	<1.00	47.9	17.25	—	—	—	—	—
	07/26/01	12.63	344.23	752	<1.00	<1.00	20.8	5.68	—	—	—	—	—
	07/31/02	12.83	344.03	603	5.22	<0.500	9.92	3.16	—	—	—	—	—
	07/09/03	15.11	341.75	84.7	0.961	<0.500	<0.500	<1.00	—	—	—	—	—
	07/15/04	15.26	341.60	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	08/03/05	14.44	342.42	140	1.4	0.792	<0.500	<1.00	<5.00	<0.500	<0.500	3.1	—
	06/15/06	14.72	342.14	65.5	<0.500	<0.500	<0.500	<1.00	—	—	—	5.04	—
	08/18/06	14.76	342.10	<80.0	<0.500	<0.500	<0.500	<1.00	—	—	—	37.2	—
	10/31/06	15.11	341.75	<100	<1	<1	<1	<3	—	—	—	1.53	—
	02/25/07	16.00	343.59	<100	<1	<1	<1	<3	—	—	—	4.85	—
	06/11/07	14.49	342.37	—	—	—	—	—	—	—	—	—	—
	09/11/07	14.24	342.62	330	1	11	2	3	—	—	—	4.81	—
	12/18/07	16.14	340.72	<100	<1	<1	<1	<3	—	—	—	1.39	—
	03/27/08	16.41	340.45	<100	<1	<1	<1	<3	—	—	—	<1	—
	06/16/08	14.68	342.18	<100	<1	<1	<1	<3	—	—	—	<1	—
SW13	01/19/99	—	—	34,700	<25.0	80.7	608	1,950	—	—	—	—	—
TOC Elevation	07/23/99	10.05	346.42	320	<1.00	0.714	14.7	11.9	—	—	—	—	—
356.47	07/13/00	10.84	345.63	68.6	<1.00	<1.00	2.93	2.07	—	—	—	—	—
	07/26/01	12.22	344.25	97.2	<1.00	<1.00	1.28	<3.00	—	—	—	—	—
	07/31/02	12.43	344.04	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	07/09/03	14.74	341.73	124	1.34	<0.500	0.833	<1.00	—	—	—	—	—
	07/15/04	14.87	341.60	365	0.613	<0.500	5.26	2.36	—	—	—	—	—
	08/03/05	15.05	341.42	<50.0	<0.500	<0.500	<0.500	<1.00	<5.00	<0.500	<0.500	3.17	—
	06/15/06	14.33	342.14	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	1.52	—
	08/18/06	14.37	342.10	<80.0	<0.500	<0.500	<0.500	<1.00	—	—	—	110	—
	10/31/06	14.72	341.75	<100	<1	<1	<1	<3	—	—	—	21.9	—
	02/25/07	15.63	340.84	<100	<1	<1	<1	<3	—	—	—	2.60	—
	06/11/07	14.49	341.98	—	—	—	—	—	—	—	—	—	—
	09/11/07	14.02	342.45	<100	<1	1	1	<3	—	—	—	1.45	—
	12/18/07	15.74	340.73	<100	<1	<1	<1	<3	—	—	—	1.94	—
	03/27/08	16.04	340.43	<100	<1	<1	<1	<3	—	—	—	<1	—
	06/16/08	14.29	342.18	<100	<1	<1	<1	<3	—	—	—	2.50	—
SW14	01/19/99	—	—	696	<4.60	<1.80	<0.700	<2.90	—	—	—	—	—
TOC Elevation	07/23/99	9.54	346.70	213	3	<0.710	<0.500	<2.00	—	—	—	—	—
356.24	07/13/00	10.33	345.91	374	<1.00	<1.00	<1.00	<3.00	—	—	—	—	—
	07/26/01	11.98	344.26	260	<1.00	<1.00	<1.00	<3.00	—	—	—	—	—
	07/31/02	12.20	344.04	500	2.59	<0.500	<0.500	<1.00	—	—	—	—	—
	07/09/03	14.51	341.73	1,410	3.70	1.73	82.8	22.1	—	—	—	—	—
	07/15/04	14.66	341.58	1,420	3.48	<0.500	52.3	5.97	—	—	—	—	—
	08/04/05	14.83	341.41	726	2.83	0.705	28.6	1.89	<5.00	<0.500	<0.500	17.8	—
	10/03/05	—	—	—	—	—	—	—	—	—	—	483	2.51
	06/15/06	14.11	342.13	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	4.91	<1.00
	08/17/06	14.15	342.09	222	2.32	1.23	8.16	2.90	—	—	—	1.53	<1.00
	10/31/06	--	--	150	<1	<1	<1	<3	—	—	—	1.21	<1
	02/25/07	15.43	340.81	<100	<1	1	<1	<3	—	—	—	21.5	<1
	06/15/07	14.53	341.71	<100	<1	<1	<1	<3	—	—	—	6.83	<1
	09/11/07	13.75	342.49	830	<1	36	3	6.1	—	—	—	6.13	—
	12/18/07	15.53	340.71	330	<1	<1	2	4	—	—	—	3.95	—
	03/27/08	15.83	340.41	<100	<1	<1	<1	<3	—	—	—	3.76	—
	06/16/08	14.08	342.16	<100	<1	<1	<1	<3	—	—	—	50.9	—
SW15	01/19/99	—	—	184	<3.20	<0.500	<0.500	1.61	—	—	—	—	—
TOC Elevation	07/23/99	11.29	345.60	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
356.89	07/13/00	12.02	344.87	<50.0	<1.00	<1.00	<1.00	<3.00	—	—	—	—	—
	07/26/01	12.68	344.21	<50.0	<1.00	<1.00	<1.00	<3.00	—	—	—	—	—

SOUND ENVIRONMENTAL STRATEGIES

Table 1
Summary of Groundwater Data
PetroSun Fuel, Inc. Facility No. 01-056
500 George Washington Way
Richland, Washington

Well ID	Sample Date	Depth to Groundwater[1] (feet)	Groundwater Elevation[2] (feet)	Analytical Results (µg/L) GRPH[3]	Benzene[4]	Toluene[4]	Ethylbenzene[4]	Total Xylenes[4]	MTBE[4]	EDB[4]	EDC[4]	Total Lead[5]	Dissolved Lead[5]
SW15	07/31/02	12.86	344.03	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
TOC Elevation	07/09/03	15.13	341.76	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
356.89	07/15/04	15.27	341.62	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	08/03/05	15.47	341.42	<50.0	<0.500	0.553	<0.500	<1.00	<5.00	<0.500	<0.500	2.35	—
	08/18/06	14.81	342.08	<80.0	<0.500	<0.500	<0.500	<1.00	—	—	—	<1.00	—
	02/22/07	16.06	340.83	—	—	—	—	—	—	—	—	—	—
	06/11/07	14.53	342.36	—	—	—	—	—	—	—	—	—	—
	09/11/07	14.52	342.37	<100	<1	2	<1	<3	—	—	—	—	—
	12/18/07	16.21	340.68	—	—	—	—	—	—	—	—	—	—
	03/27/08	15.43	341.46	—	—	—	—	—	—	—	—	—	—
	06/16/08	14.70	342.19	<100	<1	<1	<1	<3	—	—	—	—	—
RW01	04/04/95	—	—	44,000	48	140	1,200	6,100	—	—	—	—	—
TOC Elevation	04/19/95	—	—	38,000	55	86	760	4,100	—	—	—	—	—
373.18	04/20/95	—	—	24,000	59	43	430	1,400	—	—	—	—	—
	07/12/95	—	—	31,000	33	24	420	2,700	—	—	—	—	—
	09/20/96	—	—	20,300	<20	<20	132	199.5	—	—	—	—	—
	01/14/97	26.64	346.54	3,820	1.93	11.1	22.8	85.5	—	—	—	—	—
	04/18/97	—	—	57.5	<1.0	2.94	5.76	45.3	—	—	—	—	—
	07/21/97	26.20	346.98	5,960	<5.0	<5.0	32	57	—	—	—	—	—
	07/08/98	27.79	345.39	2,070	<1.00	<1.00	24.4	22.02	—	—	—	—	—
	07/23/99	27.37	345.81	135	<2.20	<0.500	4.01	2.08	—	—	—	—	—
	07/12/00	28.15	345.03	97.1	<1.00	<1.00	5.66	<3.00	—	—	—	—	—
	07/26/01	28.79	344.39	57.4	<1.00	<1.00	<1.00	<3.00	—	—	—	—	—
	07/31/02	29.02	344.16	<50.0	<0.500	<0.500	<0.500	<1.00	—	—	—	—	—
	07/09/03	31.36	341.82	235	0.969	<0.500	1.18	<1.00	—	—	—	—	—
	07/15/04	31.53	341.65	838	10.2	<0.500	4.96	7.32	—	—	—	—	—
	08/01/05	31.70	341.48	32.5	<0.500	<0.500	<0.500	<1.00	<5.00	<0.500	<0.500	52.5	—
	10/03/05	—	—	—	—	—	—	—	—	—	—	<1.00	<1.00
	06/14/06	31.00	342.18	1,420	<0.500	0.669	6.70	1.04	—	—	—	1.60	1.09
	08/16/06	31.03	342.15	596	3.03	<0.500	<0.500	1.25	—	—	—	5.16	<1.00
	10/31/06	31.36	341.82	320	<1	6	<1	3	—	—	—	2.07	<1
	02/24/07	32.29	340.89	440	<1	11	2	3	—	—	—	4.17	<1
	06/14/07	30.72	342.46	<100	<1	3	<1	<3	—	—	—	8.04	<1
	09/10/07	30.55	342.63	630	<1	22	2	4	—	—	—	1.78	—
	12/17/07	32.39	340.79	310	<1	13	2	<3	—	—	—	—	—
	03/27/08	32.72	340.46	320	<1	9	<1	<3	—	—	—	—	—
	06/16/08	30.99	342.19	510	<1	16	2	4	—	—	—	—	—
PE01	09/11/07	30.15	—	1,400	<1	38	24	9	—	—	—	—	—
	12/17/07	33.02	—	<100	<1	1	<1	<3	—	—	—	—	—
	03/26/08	33.34	—	170	<1	4	<1	<3	—	—	—	—	—
	06/16/08	31.62	—	320	<1	12	<1	4	—	—	—	—	—
PE02	09/11/07	30.91	—	1,900	<1	26	4	8	—	—	—	—	—
	12/17/07	32.93	—	150	<1	4	<1	<3	—	—	—	—	—
	03/27/08	33.24	—	230	<1	5	<1	<3	—	—	—	—	—
	06/16/08	31.31	—	1,500	<1	7	<1	5	—	—	—	—	—
PE03	09/11/07	30.85	—	2,300	<1	13	5	<3	—	—	—	—	—
	12/17/07	32.77	—	210	<1	<1	<1	<3	—	—	—	—	—
	03/26/08	33.08	—	<100	<1	2	<1	<3	—	—	—	—	—
	06/16/08	31.36	—	160	<1	5	<1	<3	—	—	—	—	—
MTCA Method A Cleanup Levels for Groundwater[8]				**1,000/800[a]**	**5**	**1,000**	**700**	**1,000**	**15**	**0.01**	**5**	**15**	**15**

NOTES:

Red denotes concentration exceeds MTCA Method A cleanup levels for groundwater.

Data collected prior to August 2005 reported in GeoEngineers' April 2005 Groundwater Monitoring Report.

Most recent samples analyzed by Friedman & Bruya, Inc. of Seattle, Washington.

[1]Depth to water as measured from a fixed spot on the well casing rim.

[2]Elevations based on a survey by GeoEngineers, based off of a benchmark at the intersection of George Washington Way and Lee Boulevard with an elevation of 372.49 feet. In feet above mean sea level.

[3]Analyzed by Northwest Method NWTPH-Gx.

[4]Analyzed by EPA Method 8260B or 8021B.

[5]Analyzed by EPA Method 8020 or 200.8.

[8]MTCA Method A Cleanup Levels, Table 720-1 of Section 900 of Chapter 173-340 of the Washington Administative Code, revised November 2007.

[a]1,000 µg/L when benzene is not present and 800 µg/L when benzene is present.

— = not analyzed / not measured

< = not detected at concentration exceeding the laboratory's lower reporting limit

µg/L = micrograms per liter

Dry = groundwater not encountered in well

EDB = ethylene dibromide (1,2-dibromoethane)

EDC = ethylene dichloride (1,2-dichloroethane)

EPA = United States Environmental Protection Agency

GRPH = gasoline-range petroleum hydrocarbons

MTBE = methyl tertiary-butyl ether

MTCA = Model Toxics Control Act

TOC = top of casing

SOUND ENVIRONMENTAL STRATEGIES

Table 2
Operation Summary Table
PetroSun Fuel, Inc. Facility No. 01-056
500 George Washington Way
Richland, Washington

Site Visit		Days Between Visits	Estimated System Time in Operation Between Visits[1]			Vapor Phase - SVE System												SPRS AS System Pressure (Sutorbilt 3MP)	WPRS AS System Pressure (Gast 6066)	Comments
						Influent System Parameters			Effluent Analytical Results[2]			Daily Removal Rates[3,4]			Cumulative Weight Removed[5]					
Date	By	(days)	SPRS SVE System (days)	SPRS AS System (days)	WPRS AS System (days)	SVE System Vacuum[6] (in. H_2O)	Air Flow Rate[7] (scfm)	Effluent VOC Conc. PID[8] (ppmv)	GRPH (mg/m^3)	Benzene (mg/m^3)	Total BTEX (mg/m^3)	GRPH (lb/day)	Benzene (lb/day)	Total BTEX (lb/day)	GRPH (lb)	Benzene (lb)	Total BTEX (lb)	(psi)	(psi)	
08/25/05	H2Oil	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	9	--	SPRS, WPRS, and EPRS systems operating upon arrival and departure; Observe complete system operation.
09/15/05	SES	21	21	21	21	--	--	--	<10.0	<0.100	--	--	--	--	--	--	--	--	--	--
10/20/05	SES/ H2Oil	35	35	35	35	5.0	280	--	--	--	--	--	--	--	--	--	--	10	--	SPRS, WPRS, and EPRS systems operating upon arrival and departure; Observe complete system operation.
10/26/05	SES	6	6	6	6	--	--	--	<10.0	<0.100	<0.500	*0.12*	*0.00*	*0.01*	7.5	0.1	0.4	--	--	--
11/16/05	H2Oil	21	21	21	21	9.0	260	--	--	--	--	--	--	--	--	--	--	10	--	SPRS, WPRS, and EPRS systems operating upon arrival and departure; Observe complete system operation.
12/14/05	SES	28	28	28	28	--	--	--	16.9	<0.100	<0.500	*0.27*	*0.00*	*0.01*	21	0.1	0.7	--	--	--
01/19/06	H2Oil	36	36	36	36	5.0	280	--	--	--	--	--	--	--	--	--	--	10	6	SPRS, WPRS, and EPRS systems operating upon arrival and departure; Replace Gast 6066 at WPRS due to worn out vanes and coupling.
01/26/06	SES	7	7	7	7	--	--	0.0	<10.0	<0.100	<0.500	*0.27*	*0.00*	*0.01*	32	0.2	0.9	10	--	SPRS and WPRS systems operating upon arrival and departure; EPRS system shut down for removal;
02/15/06	H2Oil	20	20	20	20	--	--	--	<10.0	<0.100	<0.500	*0.12*	*0.00*	*0.01*	35	0.2	1.1	--	--	System off upon arrival and departure for SES groundwater sampling.
02/28/06	SES	13	13	13	13	--	--	0.0	20.6	<0.100	<0.515	*0.33*	*0.00*	*0.01*	39	0.2	1.2	10	--	SPRS and WPRS systems operating upon arrival and departure; EPRS system shut down for removal.
03/15/06	H2Oil	15	15	15	15	4.0	285	--	--	--	--	--	--	--	--	--	--	11	5	Decommission EPRS system from below-grade vault in the park; Storing AS blowers and control in shed.
03/27/06	SES	12	12	12	12	4.0	285	0.0	1,770	<2.00	<12.00	23	*0.01*	*0.08*	658	0.6	3.4	10	--	SPRS and WPRS systems operating upon arrival and departure; Observe complete system operation.
03/28/06	SES	1	1	1	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
04/12/06	H2Oil	15	15	15	15	6.0	275	--	--	--	--	--	--	--	--	--	--	10.5	5	SPRS and WPRS systems operating upon arrival and departure; Observe complete system operation.
04/27/06	SES	15	15	8	15	3.5	290	0.0	--	--	--	--	--	--	--	--	--	0	--	SPRS AS system down upon arrival; Other systems operating upon arrival and departure. Observe complete system operation.
05/24/06	SES	27	27	0	27	3.5	290	0.0	<10.0	<0.100	<0.500	*23*	*0.01*	*0.08*	1,989	1.4	8.1	0	--	SPRS AS system down upon arrival due to tripped fuses; Other systems operating upon arrival and departure; Observe complete system operation; Discharge samples collected.

SOUND ENVIRONMENTAL STRATEGIES

Table 2
Operation Summary Table
PetroSun Fuel, Inc. Facility No. 01-056
500 George Washington Way
Richland, Washington

Site Visit		Days Between Visits	Estimated System Time in Operation Between Visits[1]			Vapor Phase - SVE System												SPRS AS System Pressure (Sutorbilt 3MP)	WPRS AS System Pressure (Gast 6066)	Comments
						Influent System Parameters			Effluent Analytical Results[2]			Daily Removal Rates[3,4]			Cumulative Weight Removed[5]					
Date	By	(days)	SPRS SVE System (days)	SPRS AS System (days)	WPRS AS System (days)	SVE System Vacuum[6] (in. H_2O)	Air Flow Rate[7] (scfm)	Effluent VOC Conc. PID[8] (ppmv)	GRPH (mg/m^3)	Benzene (mg/m^3)	Total BTEX (mg/m^3)	GRPH (lb/day)	Benzene (lb/day)	Total BTEX (lb/day)	GRPH (lb)	Benzene (lb)	Total BTEX (lb)	(psi)	(psi)	
05/26/06	H2Oil	2	2	0	2	6.0	275	--	--	--	--	--	--	--	--	--	--	9	--	SPRS AS system down upon arrival due to tripped fuses. Replaced blown fuses; Other systems operating upon arrival but off upon departure due to SES sampling; Observe complete system operation.
06/16/06	H2Oil	21	21	21	21	--	--	--	--	--	--	--	--	--	--	--	--	11	--	SPRS and WPRS systems operating upon arrival and departure; Observe complete system operation.
06/27/06	SES	11	11	11	11	3.0	293	0.0	<10.0	<0.100	<0.553	*0.13*	*0.00*	*0.01*	1,993	1.4	8.3	10	--	Discharge samples collected.
07/12/06	H2Oil	15	15	15	15	--	--	--	--	--	--	--	--	--	--	--	--	11	5	SPRS and WPRS systems operating upon arrival and departure; Observe complete system operation.
07/31/06	SES	19	19	19	19	2.5	298	0.0	<10.0	<0.100	<0.500	*0.1*	*0.00*	*0.01*	1,998	1.5	8.6	11	--	SPRS and WPRS systems operating upon arrival and departure; Observe complete system operation; Discharge samples collected.
08/16/06	H2Oil	16	16	16	16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	SPRS and WPRS systems off upon arrival and departure due to SES sampling.
08/24/06	SES	8	8	8	8	3.0	293	0.0	<10.0	<0.100	<0.500	*0.1*	*0.00*	*0.01*	2,001	1.5	8.8	10	--	SPRS and WPRS systems operating upon arrival and departure; Observe complete system operation; Discharge samples collected.
09/13/06	H2Oil	20	10	20	20	--	--	--	--	--	--	--	--	--	--	--	--	11	6	SPRS SVE system down upon arrival due to tripped overload; SPRS and WPRS operating upon departure.
09/21/06	SES	8	8	8	8	3.0	293	0.0	<10.0	0.304	<0.704	*0.13*	*0.00*	*0.01*	2,003	1.6	8.9	10	--	SPRS and WPRS systems operating upon arrival and departure; Observe complete system operation; Discharge samples collected.
10/18/06	H2Oil	27	14	27	27	--	--	--	--	--	--	--	--	--	--	--	--	11	6	SPRS SVE system down upon arrival due to tripped overload; SPRS and WPRS operating upon departure.
10/31/06	SES	13	13	13	13	2.0	303	0.0	--	--	--	--	--	--	--	--	--	10	--	SPRS and WPRS systems operating upon arrival and departure; Observe complete system operation; Discharge samples collected.
11/14/06	H2Oil	14	14	14	14	--	--	--	--	--	--	--	--	--	--	--	--	--	6	SPRS and WPRS systems off upon arrival and departure due to SES sampling.
11/30/06	SES	16	8	16	16	0.0	--	--	--	--	--	--	--	--	--	--	--	9	--	SPRS SVE system down upon arrival due to malfunctioning blower; WPRS system operating upon arrival and departure; No discharge samples collected.
12/13/06	H2Oil	13	7	13	13	--	--	--	--	--	--	--	--	--	--	--	--	--	10	SPRS SVE system down upon arrival due to tripped thermal; SPRS and WPRS operating upon departure.
12/17/06	SES	4	4	4	4	--	--	--	<100	<1	<5	*0.13*	*0.01*	*0.01*	2,011	2.0	9.8	10	--	SPRS and WPRS systems operating upon arrival and departure; Observe complete system operation; Discharge samples collected.
01/25/07	H2Oil	39	39	39	39	--	--	--	--	--	--	--	--	--	--	--	--	11	6	SPRS and WPRS operating upon arrival and departure.

SOUND ENVIRONMENTAL STRATEGIES

Table 2
Operation Summary Table
PetroSun Fuel, Inc. Facility No. 01-056
500 George Washington Way
Richland, Washington

Site Visit		Days Between Visits	Estimated System Time in Operation Between Visits[1]			Vapor Phase - SVE System												SPRS AS System Pressure (Sutorbilt 3MP)	WPRS AS System Pressure (Gast 6066)	Comments
						Influent System Parameters			Effluent Analytical Results[2]			Daily Removal Rates[3,4]			Cumulative Weight Removed[5]					
Date	By	(days)	SPRS SVE System (days)	SPRS AS System (days)	WPRS AS System (days)	SVE System Vacuum[6] (in. H_2O)	Air Flow Rate[7] (scfm)	Effluent VOC Conc. PID[8] (ppmv)	GRPH (mg/m^3)	Benzene (mg/m^3)	Total BTEX (mg/m^3)	GRPH (lb/day)	Benzene (lb/day)	Total BTEX (lb/day)	GRPH (lb)	Benzene (lb)	Total BTEX (lb)	(psi)	(psi)	
01/31/07	SES	6	6	6	6	--	--	0.0	<10.0	<0.100	<0.500	*0.13*	*0.00*	*0.01*	2,017	2.1	10.3	--	--	SVE system turned off at control panel upon arrival; Disconnected former SVE HOAX, which was in the on position; Drained ~17 gallons of water from KO tank; Discharge samples collected; All three systems operating upon departure.
02/15/07	H2Oil	15	15	15	8	--	--	--	--	--	--	--	--	--	--	--	--	11	8	WPRS AS (Gast 6066) down upon arrival due to switch in vault in off position; Restarted and all systems operational upon departure.
02/28/07	SES	13	13	13	13	--	--	0.0	--	--	--	--	--	--	--	--	--	--	--	SPRS and WPRS systems operating upon arrival and departure; Observe complete system operation; Discharge samples collected but were delivered out of hold time due to a shipping error by UPS. Resampled 3/5/07.
03/05/07	SES	5	5	5	5	--	--	--	<10.0	<0.100	<0.500	*0.13*	*0.00*	*0.01*	2,022	2.1	10.5	--	--	Resample Effluent SVE.
03/14/07	H2Oil	9	9	9	9	--	--	--	--	--	--	--	--	--	--	--	--	11	6	SPRS and WPRS operating upon arrival and departure.
03/26/07	SES	12	0	12	12	--	--	0.0	<10	<0.1	<0.6	*0.13*	*0.00*	*0.01*	2,023	2.1	10.6	--	--	SVE system shut down on 3/14/07 at TOC Holdings Co.'s request due to noise complaints associated with high-pitched noise emanating from SVE blower; Discharge sample collected following 4 hours of operation and then SVE system shut down again; Both air sparge systems operational upon arrival and departure.
04/17/07	H2Oil	22	0	22	22	--	--	--	--	--	--	--	--	--	--	--	--	11	7	SPRS and WPRS operating upon arrival and departure; SVE system off due to noise complaint.
04/30/07	SES	13	0	13	13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	SVE system remains off; Both sparge systems operational upon arrival and departure.
05/21/07	H2Oil	21	0	21	21	--	--	--	--	--	--	--	--	--	--	--	--	12	7	SPRS and WPRS operating upon arrival and departure; SVE system off due to noise complaint.
05/23/07	SES	2	0	2	2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	SPRS and WPRS operating upon arrival and departure; SVE system off due to noise complaint.
06/12/07	H2Oil	20	0	20	20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	SVE system off due to noise complaint; System manually turned off and left off at departure; Muffler to be installed in July.
06/15/07	SES	3	0	0	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	SVE system remains off; Both sparge systems turned off pending the PE and compressor installation.
07/09/07	SES	24	0	0	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	SVE system remains off; Both sparge systems turned off pending the PE and compressor installation.
08/20/07	SES	42	4	0	0	8.5	264	--	--	--	--	--	--	--	--	--	--	--	--	SVE system operational upon arrival and departure; SVE system started on 8/16/07 during trenching activities for the PE installation; Both sparge systems turned off pending the PE and compressor installation.

SOUND ENVIRONMENTAL STRATEGIES

Table 2
Operation Summary Table
PetroSun Fuel, Inc. Facility No. 01-056
500 George Washington Way
Richland, Washington

Site Visit		Days Between Visits	Estimated System Time in Operation Between Visits[1]			Vapor Phase - SVE System												SPRS AS System Pressure (Sutorbilt 3MP)	WPRS AS System Pressure (Gast 6066)	Comments
						Influent System Parameters			Effluent Analytical Results[2]			Daily Removal Rates[3,4]			Cumulative Weight Removed[5]					
Date	By	(days)	SPRS SVE System (days)	SPRS AS System (days)	WPRS AS System (days)	SVE System Vacuum[6] (in. H_2O)	Air Flow Rate[7] (scfm)	Effluent VOC Conc. PID[8] (ppmv)	GRPH (mg/m^3)	Benzene (mg/m^3)	Total BTEX (mg/m^3)	GRPH (lb/day)	Benzene (lb/day)	Total BTEX (lb/day)	GRPH (lb)	Benzene (lb)	Total BTEX (lb)	(psi)	(psi)	
09/14/07	SES	25	25	0	13	5.5	277	0.0	<10	<0.1	<0.7	*0.12*	*0.001*	*0.01*	2,027	2.1	10.8	--	--	SPRS and WPRS operating upon arrival and departure; PE systems PE01 and PE03 were installed - PE02 was not functioning correctly due to an air leak; SVE system turned back on and was operating upon departure; Discharge samples collected.
10/02/07	SES	18	18	0	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	SPRS SVE system operating upon arrival and departure; Upper Terrace (SPRS) and Lower Terrace (WPRS) AS systems off upon arrival and departure; PE compressor off upon arrival - restarted and operational upon departure.
12/17/07	SES	76	76	0	0	10	255	--	25	<0.1	<1.2	*0.36*	*0.001*	*0.02*	2,060	2.3	12.6	--	--	SPRS SVE system operating upon arrival and departure; Upper Terrace (SPRS) and Lower Terrace (WPRS) AS systems off upon arrival and departure; PE compressor off upon arrival - restarted and operational upon departure; PE and discharge samples collected.
01/07/08	SES	21	21	0	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	SPRS SVE system operating upon arrival and departure; Lower Terrace (WPRS) system off upon arrival and on upon departure; Upper Terrace (SPRS) system off upon arrival and departure; PE compressor running continuously - tripped breaker and tagged out to avoid restart until replacemnet PRV is installed; Drained ~100 gallons from SVE KO tank after draining condensate from lines.
02/11/08	H2Oil	35	35	0	35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	LC1D32 Motor stuck on compressor - repaired and functioning properly upon departure; Replaced compressor tank PRV as old one had a damaged O-ring.
02/21/08	SES	10	10	0	5	2	303	--	<10	<0.1	<0.6	*0.38*	*0.001*	*0.02*	2,085	2.3	13.7	--	--	SVE system off upon arrival due to high level alarm in KO tank - drained ~30 gallons and restarted system; Pulled all 3 PE's for cleaning and replacement parts; SVE system operating upon departure; Lower Terrace (WPRS) system off upon arrival and departure; Discharge samples collected.

SOUND ENVIRONMENTAL STRATEGIES

Table 2
Operation Summary Table
PetroSun Fuel, Inc. Facility No. 01-056
500 George Washington Way
Richland, Washington

Site Visit		Days Between Visits	Estimated System Time in Operation Between Visits[1]			Vapor Phase - SVE System												SPRS AS System Pressure (Sutorbilt 3MP)	WPRS AS System Pressure (Gast 6066)	Comments
						Influent System Parameters			Effluent Analytical Results[2]			Daily Removal Rates[3,4]			Cumulative Weight Removed[5]					
Date	By	(days)	SPRS SVE System (days)	SPRS AS System (days)	WPRS AS System (days)	SVE System Vacuum[6] (in. H_2O)	Air Flow Rate[7] (scfm)	Effluent VOC Conc. PID[8] (ppmv)	GRPH (mg/m^3)	Benzene (mg/m^3)	Total BTEX (mg/m^3)	GRPH (lb/day)	Benzene (lb/day)	Total BTEX (lb/day)	GRPH (lb)	Benzene (lb)	Total BTEX (lb)	(psi)	(psi)	
03/27/08	SES	35	35	0	0	9	260	--	530	<0.1	<12.9	*6.77*	*0.001*	*0.17*	2,322	2.4	19.5	--	--	SVE system operational upon arrival and departure; Lower Terrace (WPRS) system off upon arrival and departure—blower not operational; Discharge samples collected.
04/21/08	SES	25	25	0	0	9	260	--	26	<0.1	<1.5	*6.50*	*0.001*	*0.16*	2,485	2.4	23.6	--	--	SVE system operational upon arrival and departure; Lower Terrace (WPRS) system off upon arrival and departure—blower not operational; PERS system off upon arrival due to temp control relay - reset and operational upon departure; Cleared SVE lines of 58 gallons of water, KO tank filter replaced, all components labeled; Discharge samples collected.
05/20/08	SES	29	29	0	0	9	260	--	--	--	--	--	--	--	--	--	--	--	--	SVE system operational upon arrival and departure; Lower Terrace (WPRS) system off upon arrival and departure—blower not operational; PERS system off upon arrival and departure—SES and H2Oil need to troubleshoot system to determine issue with operation.
06/16/08	SES	27	14	0	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	All remediation systems off upon arrival and departure; No O&M maintenance activities conducted.

Summary of Operating Results

Reporting Period: 03/27/08 through 06/15/08		Cumulative Period: 08/25/05 (SES Startup) through 06/15/08	
Days elapsed in reporting period:	81 days	Total days elapsed:	1,026 days
Total days of SPRS SVE System operation during reporting period:	68 days	Total days of SPRS SVE System operation:	821 days
Percent time in operation during reporting period:	83 %	Total percent time in operation:	80 %
Total days of SPRS AS System operation during reporting period:	0 days	Total days of SPRS AS System operation:	620 days
Percent time in operation during reporting period:	0 %	Total percent time in operation:	60 %
Total days of WPRS AS System operation during reporting period:	0 days	Total days of WPRS AS System operation:	702 days
Percent time in operation during reporting period:	0 %	Total percent time in operation:	68 %
GRPH removed during reporting period:	162.4 lb	Cumulative GRPH removed:	2,485 lb
Total BTEX removed during reporting period:	4.1 lb	Cumulative Total BTEX removed:	23.6 lb

NOTES:

[1]System assumed to have been in operation 50% of time since previous visit when found to be not in operation upon arrival.

[2]Effluent vapor-phase samples collected from the exhaust stack sampling port.

[3]Daily removal rate (lb/day) = average concentration (mg/m^3) x average flow rate (scfm) x conversion (8.99E-5 lb-m^3-min/mg-ft^3-day).

[4]Nondetectable concentrations were assumed to be one-half the laboratory's lower reporting limit. Removal rates estimated based on this assumption are shown in *italics*.

[5]Cumulative weight removed (lb) = daily removal rate (lb/day) x no. operating days between samples (days) + previous cumulative total (lb).

[6]For removal calculations on days where no SVE system vacuum value was recorded, the vacuum values preceding and following the date of sampling were used.

[7]Air flow rates are estimated based upon the vacuum blower manufacturer's performance curve.

[8]VOCs measured using a photoionization detector calibrated to 100 parts per million isobutylene.

-- = not analyzed, measured, or calculated
< = analyte not detected at concentrations above the laboratory's lower reporting limit
~ = approximately
AS = air sparge
BTEX = benzene, toluene, ethylbenzene, and total xylenes
Conc. = concentration
EPRS = New East Park Remedial System
GRPH = gasoline-range petroleum hydrocarbons
H2Oil = H2Oil Recovery Equipment, Inc.
HOAX = hand on/off automatic switch
in. H_2O = inches of water
KO = knockout (tank moisture separator)
lb = pounds
lb/day = pounds per day
lb-m^3-min = pounds per cubic meter per minute
mg/m^3 = milligrams per cubic meter
mg-ft^3-day = milligrams per cubic foot per day
O&M = operation and maintenance
PE = Plume Eater®
PERS = Plume Eater® Remediation System
PID = photoionization detector
ppmv = parts per million by volume
PRV = pressure relief valve
psi = pounds per square inch
scfm = standard cubic feet per minute
SES = Sound Environmental Strategies Corporation
SPRS = Subject Property Remedial System
SVE = soil vapor extraction
UPS = United Parcel Service
VOCs = volatile organic compounds
WPRS = West Park Remedial System

SOUND ENVIRONMENTAL STRATEGIES
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Table 3
Effluent Vapor-Phase Analytical Results
PetroSun Fuel, Inc. Facility No. 01-056
500 George Washington Way
Richland, Washington

Sample Date	Effluent (Discharge) Vapor Samples[1] (milligrams per cubic meter)				
	GRPH[2]	Benzene[3]	Toluene[3]	Ethylbenzene[3]	Total Xylenes[3]
09/14/05	<10.0	<0.100	--	--	--
10/26/05	<10.0	<0.100	<0.100	<0.100	<0.200
12/15/05	16.9	<0.100	<0.100	<0.100	<0.200
01/26/06	<10.0	<0.100	<0.100	<0.100	<0.200
02/13/06	<10.0	<0.100	<0.100	<0.100	<0.200
02/28/06	20.6	<0.100	<0.100	<0.100	0.215
03/27/06	1,770	<2.00	<2.00	<2.00	<6.00
04/01/06	--	--	--	--	--
05/23/06	<10.0	<0.100	<0.100	<0.100	<0.200
06/27/06	<10.0	<0.100	0.153	<0.100	<0.200
07/31/06	<10.0	<0.100	<0.100	<0.100	<0.200
08/24/06	<10.0	<0.100	<0.100	<0.100	<0.200
09/21/06	<10.0	0.304	<0.100	<0.100	<0.200
10/31/06	--	--	--	--	--
12/17/06	<100	<1	<1	<1	<1
01/31/07	<10.0	<0.100	<0.100	<0.100	<0.200
03/05/07	<10.0	<0.100	<0.100	<0.100	<0.200
03/27/07	<10	<0.1	<0.1	<0.1	<0.3
09/14/07	<10	<0.1	0.2	<0.1	<0.3
12/17/07	25	<0.1	0.7	<0.1	0.3
02/21/08	<10	<0.1	<0.1	<0.1	<0.3
03/27/08	530	<0.1	9.7	<0.1	3.0
04/21/08	26	<0.1	0.4	<0.1	0.6

NOTES:

Sample analysis conducted by Friedman & Bruya, Inc. of Seattle, Washington.

[1]Effluent samples collected from the exhaust stack sampling port.

[2]Analyzed by Northwest Method NWTPH-Gx.

[3]Analyzed by EPA Method 8021B or 8260B.

< = not detected above the laboratory's lower reporting limit

-- = not analyzed

EPA = United States Environmental Protection Agency

GRPH = gasoline-range petroleum hydrocarbons

ATTACHMENT A

Laboratory Analytical Reports

Groundwater Laboratory Analytical Report
Friedman & Bruya, Inc. #806224

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
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June 30, 2008

Ryan Bixby, Project Manager
Sound Environmental Strategies Corporation
2400 Airport Way S., Suite 200
Seattle, WA 98134-2020

Dear Mr. Bixby:

Included are the results from the testing of material submitted on June 19, 2008 from the PSI_01-056_20080619, F&BI 806224 project. There are 15 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
c: Erin Rothman
SOU0630R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on June 19, 2008 by Friedman & Bruya, Inc. from the Sound Environmental Strategies PSI_01-056_20080619, F&BI 806224 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Sound Environmental Strategies
806224-01	MW01-20080617
806224-02	MW04-20080617
806224-03	MW05-20080617
806224-04	MW06-20080617
806224-05	MW07-20080617
806224-06	MW18-20080617
806224-07	MW25-20080617
806224-08	MW30-20080617
806224-09	MW31-20080617
806224-10	MW32-20080617
806224-11	MW33-20080617
806224-12	VW02-20080617
806224-13	VW03-20080617
806224-14	VW04-20080617
806224-15	SW12-20080617
806224-16	SW13-20080617
806224-17	SW14-20080617
806224-18	SW15-20080617
806224-19	RW01-20080617
806224-20	PE01-20080616
806224-21	PE02-20080616
806224-22	PE03-20080616
806224-23	MW99-20080617
806224-24	TB

All quality control requirements were acceptable.

Date of Report: 06/30/08
Date Received: 06/19/08
Project: PSI_01-056_20080619, F&BI 806224
Date Extracted: 06/23/08
Date Analyzed: 06/23/08 and 06/24/08

RESULTS FROM THE ANALYSIS OF THE WATER SAMPLES FOR BENZENE, TOLUENE, ETHYLBENZENE, XYLENES AND TPH AS GASOLINE USING EPA METHOD 8021B AND NWTPH-Gx

Results Reported as ug/L (ppb)

Sample ID Laboratory ID	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Gasoline Range	Surrogate (% Recovery) (Limit 52-124)
MW01-20080617 806224-01	<1	18	2	4	510	67
MW04-20080617 806224-02	1	15	2	<3	360	69
MW05-20080617 806224-03	2	17	12	<3	630	92
MW06-20080617 806224-04	<1	<1	<1	<3	<100	76
MW07-20080617 806224-05	<1	5	1	<3	170	64
MW18-20080617 806224-06	<1	<1	<1	<3	<100	77
MW25-20080617 806224-07	<1	<1	<1	<3	<100	60
MW30-20080617 806224-08	<1	1	<1	<3	<100	68
MW31-20080617 806224-09	<1	<1	<1	<3	<100	75
MW32-20080617 806224-10	<1	27	3	5	1,300	80
MW33-20080617 806224-11	2	15	2	<3	490	66

Date of Report: 06/30/08
Date Received: 06/19/08
Project: PSI_01-056_20080619, F&BI 806224
Date Extracted: 06/23/08
Date Analyzed: 06/23/08 and 06/24/08

RESULTS FROM THE ANALYSIS OF THE WATER SAMPLES FOR BENZENE, TOLUENE, ETHYLBENZENE, XYLENES AND TPH AS GASOLINE USING EPA METHOD 8021B AND NWTPH-Gx

Results Reported as ug/L (ppb)

Sample ID Laboratory ID	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Gasoline Range	Surrogate (% Recovery) (Limit 52-124)
VW02-20080617 806224-12	<1	<1	<1	<3	<100	74
VW03-20080617 806224-13	<1	15	1.6	<3	380	76
VW04-20080617 806224-14	<1	28	34	15	1,900	102
SW12-20080617 806224-15	<1	<1	<1	<3	<100	71
SW13-20080617 806224-16	<1	<1	<1	<3	<100	61
SW14-20080617 806224-17	<1	<1	<1	<3	<100	74
SW15-20080617 806224-18	<1	<1	<1	<3	<100	67
RW01-20080617 806224-19	<1	16	2	4	510	78
PE01-20080616 806224-20	<1	12	<1	4	320	67
PE02-20080616 806224-21	<1	7	<1	5	1,500	67
PE03-20080616 806224-22	<1	5	<1	<3	160	76

Date of Report: 06/30/08
Date Received: 06/19/08
Project: PSI_01-056_20080619, F&BI 806224
Date Extracted: 06/23/08
Date Analyzed: 06/23/08 and 06/24/08

RESULTS FROM THE ANALYSIS OF THE WATER SAMPLES FOR BENZENE, TOLUENE, ETHYLBENZENE, XYLENES AND TPH AS GASOLINE USING EPA METHOD 8021B AND NWTPH-Gx

Results Reported as ug/L (ppb)

Sample ID Laboratory ID	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Gasoline Range	Surrogate (% Recovery) (Limit 52-124)
MW99-20080617 806224-23	<1	25	36	15	1,900	101
TB 806224-24	<1	<1	<1	<3	<100	57
Method Blank	<1	<1	<1	<3	<100	75
Method Blank	<1	<1	<1	<3	<100	72

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	MW01-20080617	Client:	Sound Environmental Strategies
Date Received:	06/19/08	Project:	PSI_01-056_20080619
Date Extracted:	06/25/08	Lab ID:	806224-01
Date Analyzed:	06/25/08	Data File:	806224-01.015
Matrix:	Water	Instrument:	ICPMS1
Units:	ug/L (ppb)	Operator:	hr

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Holmium	90	60	125

Analyte:	Concentration ug/L (ppb)
Lead	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	VW02-20080617	Client:	Sound Environmental Strategies
Date Received:	06/19/08	Project:	PSI_01-056_20080619
Date Extracted:	06/25/08	Lab ID:	806224-12
Date Analyzed:	06/25/08	Data File:	806224-12.016
Matrix:	Water	Instrument:	ICPMS1
Units:	ug/L (ppb)	Operator:	hr

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Holmium	90	60	125

Analyte:	Concentration ug/L (ppb)
Lead	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	VW03-20080617	Client:	Sound Environmental Strategies
Date Received:	06/19/08	Project:	PSI_01-056_20080619
Date Extracted:	06/25/08	Lab ID:	806224-13
Date Analyzed:	06/25/08	Data File:	806224-13.017
Matrix:	Water	Instrument:	ICPMS1
Units:	ug/L (ppb)	Operator:	hr

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Holmium	87	60	125

Analyte:	Concentration ug/L (ppb)
Lead	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	SW12-20080617	Client:	Sound Environmental Strategies
Date Received:	06/19/08	Project:	PSI_01-056_20080619
Date Extracted:	06/25/08	Lab ID:	806224-15
Date Analyzed:	06/25/08	Data File:	806224-15.019
Matrix:	Water	Instrument:	ICPMS1
Units:	ug/L (ppb)	Operator:	hr

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Holmium	85	60	125

Analyte:	Concentration ug/L (ppb)
Lead	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	SW13-20080617	Client:	Sound Environmental Strategies
Date Received:	06/19/08	Project:	PSI_01-056_20080619
Date Extracted:	06/25/08	Lab ID:	806224-16
Date Analyzed:	06/25/08	Data File:	806224-16.020
Matrix:	Water	Instrument:	ICPMS1
Units:	ug/L (ppb)	Operator:	hr

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Holmium	88	60	125

Analyte:	Concentration ug/L (ppb)
Lead	2.50

Analysis For Total Metals By EPA Method 200.8

Client ID:	SW14-20080617	Client:	Sound Environmental Strategies
Date Received:	06/19/08	Project:	PSI_01-056_20080619
Date Extracted:	06/25/08	Lab ID:	806224-17
Date Analyzed:	06/25/08	Data File:	806224-17.021
Matrix:	Water	Instrument:	ICPMS1
Units:	ug/L (ppb)	Operator:	hr

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Holmium	86	60	125

Analyte:	Concentration ug/L (ppb)
Lead	50.9

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	Method Blank	Client:	Sound Environmental Strategies
Date Received:	NA	Project:	PSI_01-056_20080619
Date Extracted:	06/25/08	Lab ID:	I8-248 mb
Date Analyzed:	06/25/08	Data File:	I8-248 mb.008
Matrix:	Water	Instrument:	ICPMS1
Units:	ug/L (ppb)	Operator:	hr

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Holmium	93	60	125

Analyte:	Concentration ug/L (ppb)
Lead	<1

Date of Report: 06/30/08
Date Received: 06/19/08
Project: PSI_01-056_20080619, F&BI 806224

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR BENZENE, TOLUENE, ETHYLBENZENE, XYLENES, AND TPH AS GASOLINE USING EPA METHOD 8021B AND NWTPH-Gx

Laboratory Code: 806265-02 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference (Limit 20)
Benzene	ug/L (ppb)	<1	<1	nm
Toluene	ug/L (ppb)	<1	<1	nm
Ethylbenzene	ug/L (ppb)	<1	<1	nm
Xylenes	ug/L (ppb)	<3	<3	nm
Gasoline	ug/L (ppb)	<100	<100	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Benzene	ug/L (ppb)	50	103	103	65-118	0
Toluene	ug/L (ppb)	50	104	104	72-122	0
Ethylbenzene	ug/L (ppb)	50	102	103	73-126	1
Xylenes	ug/L (ppb)	150	101	102	74-118	1
Gasoline	ug/L (ppb)	1,000	95	90	69-134	5

Date of Report: 06/30/08
Date Received: 06/19/08
Project: PSI_01-056_20080619, F&BI 806224

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR BENZENE, TOLUENE, ETHYLBENZENE, XYLENES, AND TPH AS GASOLINE USING EPA METHOD 8021B AND NWTPH-Gx

Laboratory Code: 806224-01 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference (Limit 20)
Benzene	ug/L (ppb)	<1	<1	nm
Toluene	ug/L (ppb)	18	16	12
Ethylbenzene	ug/L (ppb)	2	2	0
Xylenes	ug/L (ppb)	4	3	29 a
Gasoline	ug/L (ppb)	510	460	10

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Benzene	ug/L (ppb)	50	107	103	65-118	4
Toluene	ug/L (ppb)	50	107	104	72-122	3
Ethylbenzene	ug/L (ppb)	50	106	102	73-126	4
Xylenes	ug/L (ppb)	150	104	101	74-118	3
Gasoline	ug/L (ppb)	1,000	96	95	69-134	1

Date of Report: 06/30/08
Date Received: 06/19/08
Project: PSI_01-056_20080619, F&BI 806224

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR TOTAL METALS USING EPA METHOD 200.8

Laboratory Code: 806273-01 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference	Acceptance Criteria
Lead	ug/L (ppb)	1.42	1.42	0	0-20

Laboratory Code: 806273-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Acceptance Criteria
Lead	ug/L (ppb)	10	1.42	105	50-150

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Lead	ug/L (ppb)	10	102	70-130

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

A1 – More than one compound of similar molecule structure was identified with equal probablility.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for this range fell outside of acceptance criteria. The value reported is an estimate.

c - The presence of the analyte indicated may be due to carryover from previous sample injections.

d - The sample was diluted. Detection limits may be raised due to dilution.

ds - The sample was diluted. Detection limits are raised due to dilution and surrogate recoveries may not be meaningful.

dv - Insufficient sample was available to achieve normal reporting limits and limits are raised accordingly.

fb - The analyte indicated was found in the method blank. The result should be considered an estimate.

fc – The compound is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. The variability is attributed to sample inhomogeneity.

ht - The sample was extracted outside of holding time. Results should be considered estimates.

ip - Recovery fell outside of normal control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.

j – The result is below normal reporting limits. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The analyte result in the laboratory control sample is out of control limits. The reported concentration should be considered an estimate.

jr - The rpd result in laboratory control sample associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

lc - The presence of the compound indicated is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc – The sample was received in a container not approved by the method. The value reported should be considered an estimate.

pr – The sample was received with incorrect preservation. The value reported should be considered an estimate.

ve - The value reported exceeded the calibration range established for the analyte. The reported concentration should be considered an estimate.

vo - The value reported fell outside the control limits established for this analyte.

x - The pattern of peaks present is not indicative of diesel.

y - The pattern of peaks present is not indicative of motor oil.

806224

SAMPLE CHAIN OF CUSTODY

ME 06-19-08 V4/AE2

Page # 1 of 3

Send Report To Ryan Bixby

Company Sound Environmental Strategies

Address 2400 Airport Way S

City, State, ZIP Seattle WA 98134

Phone # 206-306-1900 Fax #

SAMPLERS (signature)

PROJECT NAME/NO. Petro Sun Richland / 0640-003-01

PO #

REMARKS 01-056

TURNAROUND TIME
- ☐ Standard (2 Weeks)
- ☐ RUSH
- Rush charges authorized by:

SAMPLE DISPOSAL
- ☐ Dispose after 30 days
- ☐ Return samples
- ☐ Will call with instructions

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of containers	ANALYSES REQUESTED: TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS	Total Lead						Notes
MW01-20080617	01A-D	6/17/08	1400	Water	4		✓	✓				✓						
MW04-20080617	02A-C	6/17/08	1442	W	3		✓	✓										
MW05-20080617	03A-C	6/17/08	1015	W	3		✓	✓										
MW06-20080617	04A-C	6/17/08	0945	W	3		✓	✓										
MW07-20080617	05A-C	6/17/08	1122	W	3		✓	✓										
MW18-20080617	06A-C	6/17/08	1050	W	3		✓	✓										
MW25-20080617	07A-C	6/17/08	1140	W	3		✓	✓										
MW30-20080617	08A-C	6/17/08	0830	W	3		✓	✓										
MW31-20080617	09A-C	6/17/08	1030	W	3		✓	✓										
MW32-20080617	10A-C	6/17/08	1130	W	3		✓	✓										

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282
Fax (206) 283-5044

	SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:		Ryan Thompson	SES	6/19/08	957
Received by:		Nhan Phan	FeBI	6/19/08	9:57
Relinquished by:					
Received by:			Samples received at 1 °C		

FORMS\COC\COC.DOC

806224

SAMPLE CHAIN OF CUSTODY

ME 06-19-08 V4/A I2

Page # 2 of 3

Send Report To Ryan Bixby

Company Sound Environmental Strategies

Address 2400 Airport Way S

City, State, ZIP Seattle WA 98134

Phone # 206-306-1900 Fax #

SAMPLERS (signature)

PROJECT NAME/NO. PetroSun Richland / 0640-003-01

PO #

REMARKS

TURNAROUND TIME
- ☐ Standard (2 Weeks)
- ☐ RUSH
- Rush charges authorized by:

SAMPLE DISPOSAL
- ☐ Dispose after 30 days
- ☐ Return samples
- ☐ Will call with instructions

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of containers	TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS	total lead						Notes
MW33-20080617	11A-C	6/17/08	941	W	3		✓	✓										
VW02-20080617	12A-D	6/17/08	1533	W	4		✓	✓				✓						
VW03-20080617	13A-D	6/17/08	1519	W	4		✓	✓				✓						
VW04-20080617	14A-C	6/17/08	1653	W	3		✓	✓										
VW05-20080617		6/17/08																
SW12-20080617	15A-D	6/17/08	1155	W	4		✓	✓				✓						
SW13-20080617	16A-D	6/17/08	1105	W	4		✓	✓				✓						
SW14-20080617	17A-D	6/17/08	1008	W	4		✓	✓				✓						
SW15-20080617	18A-C	6/17/08	1212	W	3		✓	✓										
RW01-20080617	19A-C	6/17/08	1210	W	3		✓	✓										

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3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282
Fax (206) 283-5044

	SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:		Ryan Thanksan	SES	6/19/08	957
Received by:		Khan Phan	FEBI	6/19/08	9:57
Relinquished by:					
Received by:			Samples received at	°C	

806 224

SAMPLE CHAIN OF CUSTODY

ME 06-19-08 V4/AL2

Page # 3 of 3

Send Report To RYAN Bixby

Company SOUND ENVIRONMENTAL STRATEGIES

Address 2400 AIRPORT WAY S

City, State, ZIP Seattle, WA 98134

Phone # _____ Fax # _____

SAMPLERS (signature)

PROJECT NAME/NO.: PetroSun Richland /0640-003-01

PO #

REMARKS

TURNAROUND TIME
- ☐ Standard (2 Weeks)
- ☐ RUSH _____
- Rush charges authorized by:

SAMPLE DISPOSAL
- ☐ Dispose after 30 days
- ☐ Return samples
- ☐ Will call with instructions

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of containers	TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS							Notes
						ANALYSES REQUESTED												
PE01-20080616	20A-C	6/16/08	1653	W	3		✓	✓										
PE02-20080616	21A-C	6/16/08	1619	W	3		✓	✓										
PE03-20080616	22A-C	6/16/08	1540	W	3		✓	✓										
MW99-20080616	23A-C	6/17/08		W	3		✓	✓										
TB	24A-B			W	2													

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282
Fax (206) 283-5044

FORMS\COC\COC.DOC

	SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:		RYAN THOMPSON	SES	6/19/08	457
Received by:		Nhan Phan	FeBI	6/19/08	V
Relinquished by:					
Received by:			Samples received at ___ °C		

Operation and Maintenance Laboratory Analytical Report
Friedman & Bruya, Inc. #804299

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Charlene Morrow, M.S.
Yelena Aravkina, M.S.
Bradley T. Benson, B.S.
Kurt Johnson, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
TEL: (206) 285-8282
FAX: (206) 283-5044
e-mail: fbi@isomedia.com

April 24, 2008

Ryan Bixby, Project Manager
Sound Environmental Strategies Corporation
2400 Airport Way S., Suite 200
Seattle, WA 98134-2020

Dear Mr. Bixby:

Included are the results from the testing of material submitted on April 22, 2008 from the PSI_01-056_20080422, F&BI 804229 project. There are 4 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
c: Erin Rothman, Tim Murphy, Pete Kingston
SOU0424R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on April 22, 2008 by Friedman & Bruya, Inc. from the Sound Environmental Strategies PSI_01-056_20080422, F&BI 804229 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Sound Environmental Strategies
804229-01	PE01-20080421
804229-02	PE02-20080421
804229-03	PE03-20080421
804229-04	EFF-20080421

All quality control requirements were acceptable.

Date of Report: 04/24/08
Date Received: 04/22/08
Project: PSI_01-056_20080422, F&BI 804229
Date Extracted: 04/23/08
Date Analyzed: 04/23/08

RESULTS FROM THE ANALYSIS OF VAPOR SAMPLES FOR BENZENE, TOLUENE, ETHYLBENZENE, XYLENES AND TPH AS GASOLINE USING MODIFIED EPA METHOD 8021B AND NWTPH-Gx

Results Reported as mg/m^3

Sample ID Laboratory ID	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Gasoline Range	Surrogate (% Recovery) (Limit 50-150)
PE01-20080421 804229-01	<0.1	1.8	0.3	2.6	110	84
PE02-20080421 804229-02	<0.1	<0.1	<0.1	<0.3	<10	79
PE03-20080421 804229-03	<0.1	<0.1	<0.1	<0.3	<10	81
EFF-20080421 804229-04	<0.1	0.4	<0.1	0.6	26	82
Method Blank	<0.1	<0.1	<0.1	<0.3	<10	80

Date of Report: 04/24/08
Date Received: 04/22/08
Project: PSI_01-056_20080422, F&BI 804229

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF VAPOR SAMPLES FOR BENZENE, TOLUENE, ETHYLBENZENE, XYLENES, AND TPH AS GASOLINE USING MODIFIED EPA METHOD 8021B AND NWTPH-Gx

Laboratory Code: 804229-04 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference (Limit 20)
Benzene	mg/m³	<0.1	<0.1	nm
Toluene	mg/m³	0.4	0.4	0
Ethylbenzene	mg/m³	<0.1	<0.1	nm
Xylenes	mg/m³	0.6	0.6	0
Gasoline	mg/m³	26	26	0

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Benzene	mg/m³	5.0	93	70-130
Toluene	mg/m³	5.0	89	70-130
Ethylbenzene	mg/m³	5.0	89	70-130
Xylenes	mg/m³	15	89	70-130
Gasoline	mg/m³	100	104	70-130

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

A1 – More than one compound of similar molecule structure was identified with equal probablility.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for this range fell outside of acceptance criteria. The value reported is an estimate.

c - The presence of the analyte indicated may be due to carryover from previous sample injections.

d - The sample was diluted. Detection limits may be raised due to dilution.

ds - The sample was diluted. Detection limits are raised due to dilution and surrogate recoveries may not be meaningful.

dv - Insufficient sample was available to achieve normal reporting limits and limits are raised accordingly.

fb - The analyte indicated was found in the method blank. The result should be considered an estimate.

fc – The compound is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. The variability is attributed to sample inhomogeneity.

ht - The sample was extracted outside of holding time. Results should be considered estimates.

ip - Recovery fell outside of normal control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.

j – The result is below normal reporting limits. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The analyte result in the laboratory control sample is out of control limits. The reported concentration should be considered an estimate.

jr - The rpd result in laboratory control sample associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

lc - The presence of the compound indicated is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc – The sample was received in a container not approved by the method. The value reported should be considered an estimate.

pr – The sample was received with incorrect preservation. The value reported should be considered an estimate.

ve - The value reported exceeded the calibration range established for the analyte. The reported concentration should be considered an estimate.

vo - The value reported fell outside the control limits established for this analyte.

x - The pattern of peaks present is not indicative of diesel.

y - The pattern of peaks present is not indicative of motor oil.

804229

SAMPLE CHAIN OF CUSTODY

ME 04/22/08

Page # 1 of 1

Send Report To Ryan Bixby, cc: Tim Murray, Pete Kmet

Company SES

Address 2400 Airport Way S

City, State, ZIP Seattle, WA

Phone # 206-346-090 Fax #

SAMPLERS (signature)

PROJECT NAME/NO.: PedroSun Fuel, Inc — PO # 01-056

REMARKS: pn: 0640-003-01 — GEMS Y / N

TURNAROUND TIME
- [X] Standard (2 Weeks)
- [ ] RUSH
- Rush charges authorized by:

SAMPLE DISPOSAL
- [ ] Dispose after 30 days
- [ ] Return samples
- [ ] Will call with instructions

Sample ID	Sample Location	Sample Depth	Lab ID	Date Sampled	Time Sampled	Matrix	# of jars	NWTPH-Dx	NWTPH-Gx	BTEX by 8021B	VOC's by 8260	SVOC's by 8270	RCRA-8 Metals			Notes
								ANALYSES REQUESTED								
PE01-20080421			01A-B	4-21-08	1505	Air	2		X	X						
PE02-20080421			02A-B		1516				X	X						
PE03-20080421			03A-B		1515				X	X						
EFF-20080421			04A-B		1520				X	X						

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	Beau Simon	SES	4-21-08	1740
Received by:	Nhan Phan	FEBI	4/22/08	15:00
Relinquished by:				
Received by:				

Samples received at 21 °C

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282
Fax (206) 283-5044

ATTACHMENT B

Operation and Maintenance Field Data Sheets

FIELD DATA SHEET - PETROSUN FUEL INC. 01-056 RICHLAND

SES PROJECT NO. 0640-003-01

DATE: 4/21/2008

TIME: 1200

PERSONNEL: P. Kingston & B. Johnson

SVE MANIFOLD CONDITIONS					
Status Upon Arrival	Manifold Vacuum	Effluent PID	Volume Emptied from KO Tank	SVE Dilution Valve Setting	Status Upon Departure
(on/off)	(in. H_2O)	(RRU)	Gallons	(% Open)	(on/off)
On	9	0.7	58	0	On

SVE WELLS FOR PERS - OFFGAS VAPOR MEASUREMENTS			
Well ID	O_2 (%)	CO_2 (ppmv)	PID (RRU)
VW02	20.9	3,120	0.0
VW03	20.9	2,270	0.1
MW03	21.3	590	0.0
MW05	20.9	4,620	0.0
PE01	20.9	3,060	0.8
PE02	21.2	920	0.1
PE03	20.9	2,610	0.1

PERS COMPRESSOR CONDITIONS			
Status Upon Arrival	Pressure Regulator Setting	Status Upon Departure	Compressor Maintenance Performed (oil, lube, filters?)
(on/off)	(psi)	(on/off)	No maintenance performed. Service needed.
Off	40	On	

PERS SYSTEM WELLS			
Well ID	Packer Pressures (max 50 psi)		Air Flow Rate (CFM) as Indicated on KI Gauges
	Upon Arrival (psi)	Upon Departure (psi)	
PE01	0	40	5.0
PE02	28	45	5.0
PE03	0	40	4.5

SAMPLE COLLECTION INFORMATION		
Sample ID	Date/Time	Location
PE01-20080421	04/21/08 @ 1505	PE01
PE02-20080421	04/21/08 @ 1510	PE02
PE03-20080421	04/21/08 @ 1515	PE03
Eff-20080421	04/21/08 @ 1520	EFFLUENT STACK

LOWER TERRACE SUPPLY MANIFOLD CONDITIONS				!!!! Confined Space Permit Required For Entry !!!!
Status Upon Arrival	Status Upon Departure	Air Flow Rate	Pressure	The air sparge blower and instrumentation for the Lower Terrace system are potentially located in a Confined Space as defined in Title 29 CFR Part 1910.146. Confined Space Training and Permitting are required to enter the vault to observe instrumentation required to enter values for Air Flow and Pressure. Do not enter the vault without confined space training and permitting.
(on/off)	(on/off)	(SCFM)	(psi)	
Off	Off			

NOTES:

SVE system on upon arrival. Air compressor for PEs was off upon arrival due to temp control relay, blower for the lower terrace was off upon arrival due to damaged equipment. Maintenance activities performed: Filter in KOT replaced, all system components labeled, KOT emptied of 12 gallons, SVE lines cleared and KOT emptied of additional 46 gallons.Relay switch reset and compressor turned back on. Restart SVE. Let system run for one hour. Collected system parameters. Collected vapor compliance samples. System running upon departure. Removed all purge water drums form compound to prepare for disposal. More drums are needed for next visit. The pressure gauge for the SVE manifold vacuum needs to be replaced.

FIELD DATA SHEET - PETROSUN FUEL INC. 01-056 RICHLAND

SES PROJECT NO. 0640-003-01

DATE: 5/20/2008

TIME: 1200

PERSONNEL: B. Dixon & S. Davis

SVE MANIFOLD CONDITIONS					
Status Upon Arrival	Manifold Vacuum	Effluent PID	Volume Emptied from KO Tank	SVE Dilution Valve Setting	Status Upon Departure
(on/off)	(in. H_2O)	(RRU)	Gallons	(% Open)	(on/off)
On	9	70.1	0	0	On

SVE WELLS FOR PERS - OFFGAS VAPOR MEASUREMENTS			
Well ID	O_2 (%)	CO_2 (ppmv)	PID (RRU)
VW02	--	--	9.0
VW03	--	--	48.4
MW03	--	--	10.0
MW05	--	--	12.8
PE01	--	--	20.8
PE02	--	--	35.2
PE03	--	--	19.4

PERS COMPRESSOR CONDITIONS			
Status Upon Arrival	Pressure Regulator Setting	Status Upon Departure	Compressor Maintenance Performed (oil, lube, filters?)
(on/off)	(psi)	(on/off)	No maintenance performed. Service needed.
Off	0	Off	

PERS SYSTEM WELLS			
Well ID	Packer Pressures (max 50 psi)		Air Flow Rate (CFM) as Indicated on KI Gauges
	Upon Arrival (psi)	Upon Departure (psi)	
PE01	0	40	0.0
PE02	0	45	0.0
PE03	0	40	0.0

SAMPLE COLLECTION INFORMATION		
Sample ID	Date/Time	Location

LOWER TERRACE SUPPLY MANIFOLD CONDITIONS				!!!! Confined Space Permit Required For Entry !!!!
Status Upon Arrival	Status Upon Departure	Air Flow Rate	Pressure	The air sparge blower and instrumentation for the Lower Terrace system are potentially located in a Confined Space as defined in Title 29 CFR Part 1910.146. Confined Space Training and Permitting are required to enter the vault to observe instrumentation required to enter values for Air Flow and Pressure. Do not enter the vault without confined space training and permitting.
(on/off)	(on/off)	(SCFM)	(psi)	
Off	Off			

NOTES:

SVE system on upon arrival. Air compressor for PEs was off upon arrival due to temp control relay, blower for the lower terrace was off upon arrival due to damaged equipment. Maintenance activities performed: Filter in KOT replaced, all system components labeled, KOT emptied of 12 gallons, SVE lines cleared and KOT emptied of additional 46 gallons. Relay switch reset and compressor turned back on. Restart SVE. Let system run for one hour. Collected system parameters. Collected vapor compliance samples. System running upon departure. Removed all purge water drums from compound to prepare for disposal. More drums are needed for next visit. The pressure gauge for the SVE manifold vacuum needs to be replaced.

FIELD DATA SHEET - PETROSUN FUEL INC. 01-056 RICHLAND
SES PROJECT NO. 0640-003-01

DATE: 6/16/2008
TIME: 1200
PERSONNEL: B. Carp & R. Thompson

SVE MANIFOLD CONDITIONS					
Status Upon Arrival	Manifold Vacuum	Effluent PID	Volume Emptied from KO Tank	SVE Dilution Valve Setting	Status Upon Departure
(on/off)	(in. H_2O)	(RRU)	Gallons	(% Open)	(on/off)
Off	--	--	--	--	Off

SVE WELLS FOR PERS - OFFGAS VAPOR MEASUREMENTS			
Well ID	O_2 (%)	CO_2 (ppmv)	PID (RRU)
VW02	--	--	--
VW03	--	--	--
MW03	--	--	--
MW05	--	--	--
PE01	--	--	--
PE02	--	--	--
PE03	--	--	--

PERS COMPRESSOR CONDITIONS			
Status Upon Arrival	Pressure Regulator Setting	Status Upon Departure	Compressor Maintenance Performed (oil, lube, filters?)
(on/off)	(psi)	(on/off)	No maintenance performed. Service needed.
Off	--	Off	

PERS SYSTEM WELLS			
Well ID	Packer Pressures (max 50 psi)		Air Flow Rate (CFM) as Indicated on KI Gauges
	Upon Arrival (psi)	Upon Departure (psi)	
PE01	--	--	--
PE02	--	--	--
PE03	--	--	--

SAMPLE COLLECTION INFORMATION		
Sample ID	Date/Time	Location

LOWER TERRACE SUPPLY MANIFOLD CONDITIONS				!!!! Confined Space Permit Required For Entry !!!!
Status Upon Arrival	Status Upon Departure	Air Flow Rate	Pressure	The air sparge blower and instrumentation for the Lower Terrace system are potentially located in a Confined Space as defined in Title 29 CFR Part 1910.146. Confined Space Training and Permitting are required to enter the vault to observe instrumentation required to enter values for Air Flow and Pressure. Do not enter the vault without confined space training and permitting.
(on/off)	(on/off)	(SCFM)	(psi)	
Off	Off			

NOTES:
All remediation components off upon arrival. No O&M maintenance performed.