
TRICORE ENVIRONMENTAL, LLC

September 21, 2011

**VIA USPS PRIORITY MAIL
WITH DELIVERY CONFIRMATION**

Mr. Brian Bauer
Illinois Environmental Protection Agency
Bureau of Land #24
Leaking Underground Storage Tank Section
1021 North Grand Avenue East
P.O. Box 19276
Springfield, Illinois 62794-9276

RE: LPC No. 0971855024 – Lake County
Wauconda/Shivam Energy, Inc.
399 West Liberty Street
IEMA Incident No. 903199
LUST TECHNICAL FILE

Dear Mr. Bauer:

TriCore Environmental, LLC, on behalf of Shivam Energy, Inc., is providing an original and one copy of an Illinois Environmental Protection Agency Leaking Underground Storage Tank Program Free Product Removal Plan and Budget for the Illinois Emergency Management Agency incident number referenced above.

If you should have any questions concerning this submittal or require additional information, please contact either of the undersigned at (630) 520-9973.

Sincerely,



Kim T. Miller, P.E.
Senior Project Manager



Shawn Rodeck, P.E.
President

cc: Mr. Rajani Patel, Shivam Energy, Inc., 399 W. Liberty St., Wauconda, Illinois 60084
Ms. Gwen Carey, 363 Bangs St., Wauconda, Illinois 60084

Attachment

TRICORE ENVIRONMENTAL, LLC

**ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
FREE PRODUCT REMOVAL PLAN**

Shivam Energy, Inc.
399 West Liberty Street
Wauconda, Lake County, Illinois 60084
IEMA Incident No. 903199
LPC No. 0971855024

Prepared for:

Mr. Rajani Patel
Shivam Energy, Inc.
399 West Liberty Street
Wauconda, Illinois 60084

Prepared by:

TriCore Environmental, LLC
1800 West Hawthorne Lane, Suite P
West Chicago, Illinois 60185
Phone: (630) 520-9973
Fax: (630) 520-9976

September 21, 2011

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.....	Determination Letter

Illinois Environmental Protection Agency Leaking Underground Storage Tank Program Free Product Removal

A. Site Identification

IEMA Incident # (6- or 8-digit): 903199 IEPA LPC # (10 digit): 0971855024
Site Name: Shivam Energy, Inc.
Site Address (Not a PO Box): 399 West Liberty Street
City: Wauconda County: Lake ZIP Code: 60084

Leaking UST Technical File

B. Information Provided

1. Free Product Removal Plan
2. Free Product Removal Budget
3. Free Product Removal Report

C. Free Product Removal

Provide the following:

1. The names(s) of the person(s) responsible for implementing the free product removal measures;

The names of the people responsible for implementing the free product removal measures are provided below in Section F.

2. The estimated quantity, type, and thickness of free product observed or measured in boreholes, wells, excavation, etc.;

Details regarding the free product removal activities completed from December 29, 2008 through April 1, 2009 were provided in the Free Product Removal Plan (FPRP) dated April 6, 2009. Details regarding the free product removal activities completed from May 19, 2009 through June 22, 2010 were provided in the FPRP dated June 24, 2010.

From June 30, 2010 through August 15, 2011, TriCore Environmental, LLC (TriCore) periodically gauged MW-2, MW-4, MW-6, MW-8S, MW-8D, MW-9S, MW-9D, MW-11S, MW-11D, MW-12S, MW-12D, MW-24 through MW-32, MP-3, RW-1 through RW-6, SUMP, and S-1 through S-3. The locations of the wells are illustrated on Figure 1. The wells and sumps were gauged with an electronic oil/water interface meter equipped with an audible signal. The meter was washed using a distilled water and Simple Green[®] solution wash between each use. Free product was present within MW-26, MW-27, MW-29 through MW-32, RW-2 through RW-6, and S-1 through S-3 during these dates. Gauging results are summarized in Table 1. The estimated extent of free product is illustrated on Figure 2.

Based on the visual observations of the free product in these locations, the free product is

identical in nature to the free product observed at the site from December 29, 2008 through June 22, 2010 and is determined to be associated with Illinois Emergency Management Agency (IEMA) incident number 903199.

3. The type of free product recovery system used and technical justification for the method of recovery chosen;

TriCore has been using the free product recovery system installed on June 17, 2009 and described in detail in the FPRP dated June 24, 2010 to continually recover free product from the site. The free product recovery system consists of a peristaltic pump that uses a standard brushless digital drive, four independent pump heads, and high performance tygon fuel-type tubing. The peristaltic pump is connected by ¼-inch SAE 30r7 fuel-line hose to individual skimmers which were installed within the wells containing free product. Each skimmer contains a float that is designed to float on top of the groundwater. An inlet to the reservoir of the skimmer is located near the top of the float to allow for the recovery of free product and not groundwater. The free product is then removed from the reservoir into a free product storage tank by the peristaltic pump. The free product storage tank contains a float switch that shuts off the free product recovery system when the tank is full. When the free product storage tank is full, TriCore contracts North Branch Environmental (North Branch) of Roselle, Illinois to pump out the tank. After pumping out the tank, North Branch transports the free product and groundwater to Ortek in McCook, Illinois for treatment and disposal. Please note that although the skimmers are installed within the wells to only recover free product, contaminated groundwater is occasionally recovered due to the fluctuating groundwater table and the depth at which each skimmer was installed. The skimmers are adjusted as needed based on the depth to groundwater within the wells.

From June 23 through December 2, 2010, the free product recovery system operated continuously. Based on the thickness of free product in the wells during each operation and maintenance (O&M) event, the skimmers were placed in the wells containing the greatest thickness of free product on that date. The skimmers were then left in that well until the following gauging event, when the product thicknesses were reevaluated.

On December 2, 2010, the free product recovery system was disconnected from the skimmers and the system was shut down to prevent freezing of the lines and/or pump during the winter. The skimmers remained in the wells containing free product to continually recovery free product from the site. During each site visit, the skimmers were emptied of any free product and groundwater that had accumulated within the reservoirs. The free product and groundwater were emptied into the free product storage tank. The skimmers were then placed back into the wells.

On March 21, 2011, the skimmers were reconnected to the free product recovery system and the system was restarted. The free product recovery system has been operating continuously since March 21, 2011. Since the original system installation on June 17, 2009, the free-product recovery system, combined with hand-bailing and three high-vacuum extraction events, has recovered 641 gallons of free product and 7,013 gallons of groundwater. The volume of free product recovered using the free product recovery system, skimmers, and hand-bailing are summarized in Table 2. Copies of the waste

manifests for the free product and groundwater that have been removed from the free product storage tank and disposed of are provided in Appendix A.

Proposed Free Product Recovery

The on-site free product recovery system will continue to operate until recovery has been completed or free product in the wells does not exceed one-eighth of an inch in thickness. During its operation, TriCore will continue to perform weekly O&M on the system for a period of three months. During a typical O&M day, TriCore inspects the system, and gauges all of the existing on-site monitoring and recovery wells. System component cleaning and repairs, and free product storage tank pump outs will be performed on a periodic or as needed basis.

From June 30, 2010 through August 15, 2011, a total of 46 O&M and free product recovery events were performed. Costs for 36 of these events were included in the Free Product Removal Budget provided in the aforementioned FPRP dated June 24, 2010. Costs for the additional 10 events that were performed and the proposed weekly O&M events for the next quarter are included in the Free Product Removal Budget provided in Appendix B. Costs are also included for free product system drum pump-outs that have been conducted and are proposed, as well as quarterly site dewatering that has been conducted and is proposed. An Owner/Operator and Licensed Professional Engineer/Geologist Budget Certification Form is provided in Appendix C. A copy of the Office of the State Fire Marshal Eligibility and Deductible Determination letter is provided in Appendix D.

4. Whether any discharge will take place on- or off-site during the recovery operation and where this discharge (point) will be located;

No discharge took place or will take place on or off site during the recovery operations.

5. The type of treatment applied to, and the effluent quality expected from, any discharge;

As mentioned above in Section C. 4., no discharge took place or will take place on or off site during the recovery operations.

6. The disposition of the recovered free product;

The free product and groundwater that were removed from the free product storage tank from June 30, 2010 through August 15, 2011 were transported off-site by North Branch for treatment and disposal at Ortek. Copies of the waste manifests are provided in Appendix A.

7. The steps that have been taken or that are being taken to obtain necessary permits for any discharge;

As mentioned above in Section C. 4., no discharge took place or will take place on or off site during the recovery operations; therefore, no discharge permits were or will be required.

8. The steps taken to identify the source and extent of free product; and

Identification of the Source

The source of the free product is determined to be IEMA incident number 903199, which was reported on October 30, 1990 as a result of the removal of two 6,000-gallon underground storage tanks from the site.

Identification of the Extent – Proposed Free Product Delineation Activities

Based on the ongoing free product present in MW-29, and S-1 through S-3, TriCore proposed the installation of seven groundwater monitoring wells (MW-33, SB-55/MW-34 through SB-58/MW-37, MW-38, and RW-7) to a maximum depth of 15 feet bls in the FPRP dated June 24, 2010. The wells have not yet been installed due to ongoing site investigation and off-site access issues. The wells are planned to be installed in the next 3 to 6 months.

Costs associated with the proposed free product delineation activities described above were provided in the Free Product Removal Budget provided in the FPRP dated June 24, 2010.

9. A schedule of future activities necessary to complete the recovery of free product still exceeding one-eighth of an inch in depth.

The following is a proposed schedule for the implementation of this plan once it has been approved by the Illinois Environmental Protection Agency (IEPA).

Activity	Projected Completion Time
Free product system O&M	Months 1 through 3
Installation of free product delineation wells	Month 3
Prepare and submit a quarterly FPRP and Budget or Report	Month 3

D. Supporting Documentation

Provide the following:

1. Site map meeting requirements of 35 Ill. Adm. Code 732.110(a) or 734.440 and showing:

- a. Locations where free product was encountered including its estimated thickness;
- b. Location of recovery points;
- c. Location of the treatment unit; and
- d. Location of discharge points;

All of the items listed above are illustrated on Figure 2 except for the following:

- c. No treatment units were utilized at the site; and
- d. There were no discharge points at the site.

2. A table showing the dates that free product recovery was conducted and the amount of free product recovered on each date; and

A table showing the dates that free product recovery was conducted and the amount of free

product recovered on each date is summarized in Table 2.

3. Copies of waste manifests.

Copies of the waste manifests for the free product and groundwater that were recovered from the free product storage tank from June 30, 2010 through August 15, 2011 are provided in Appendix A.

E. Submission of a Free Product Removal Plan

In accordance with 35 Ill. Adm. Code 732.203 or 734.215, if free product removal activities will be conducted more than 45 days after confirmation of the presence of free product, the owner or operator must submit to the Illinois EPA for review a free product removal plan and budget, if applicable. The plan must include the information requested under Sections C and D of this form, as applicable.

In accordance with 35 Illinois Administrative Code 734.215, since free product removal activities will be conducted more than 45 days after the confirmation of the presence of free product, TriCore is submitting this FPRP and Budget to the IEPA for review and approval.

F. Signatures

All plans, budgets, and reports must be signed by the owner or operator and list the owner's or operator's full name, address, and telephone number.

UST Owner or Operator

Name: Shivam Energy, Inc.
Contact: Rajani Patel
Address: 399 West Liberty Street
City: Wauconda
State: Illinois
ZIP Code: 60084
Phone: (847) 526-3455
Signature: Rajani Patel
Date: June 10 / 2011

Consultant

Company: TriCore Environmental, LLC
Contact: Kim T. Miller, P.E.
Address: 1800 W. Hawthorne Ln., Suite P
City: West Chicago
State: Illinois
ZIP Code: 60185
Phone: (630) 520-9973
Signature: Kim T. Miller
Date: 9.13.11

I certify under penalty of law that all activities that are the subject of this plan, budget, or report were conducted under my supervision or were conducted under the supervision of another Licensed Professional Engineer or Licensed Professional Geologist and reviewed by me; that this plan, budget, or report and all attachments were prepared under my supervision; that, to the best of my knowledge and belief, the work described in this plan, budget, or report has been completed in accordance with the Environmental Protection Act [415 ILCS 5], 35 Ill. Adm. Code 731, 732, or 734, and generally accepted standards and practices of my profession; and that the information presented is accurate and complete. I am aware there are significant penalties for submitting false statements or representations to the Illinois EPA, including but not limited to fines, imprisonment, or both as provided in Sections 44 and 57.17 of the Environmental Protection Act [415 ILCS 5/44 and 57.17].

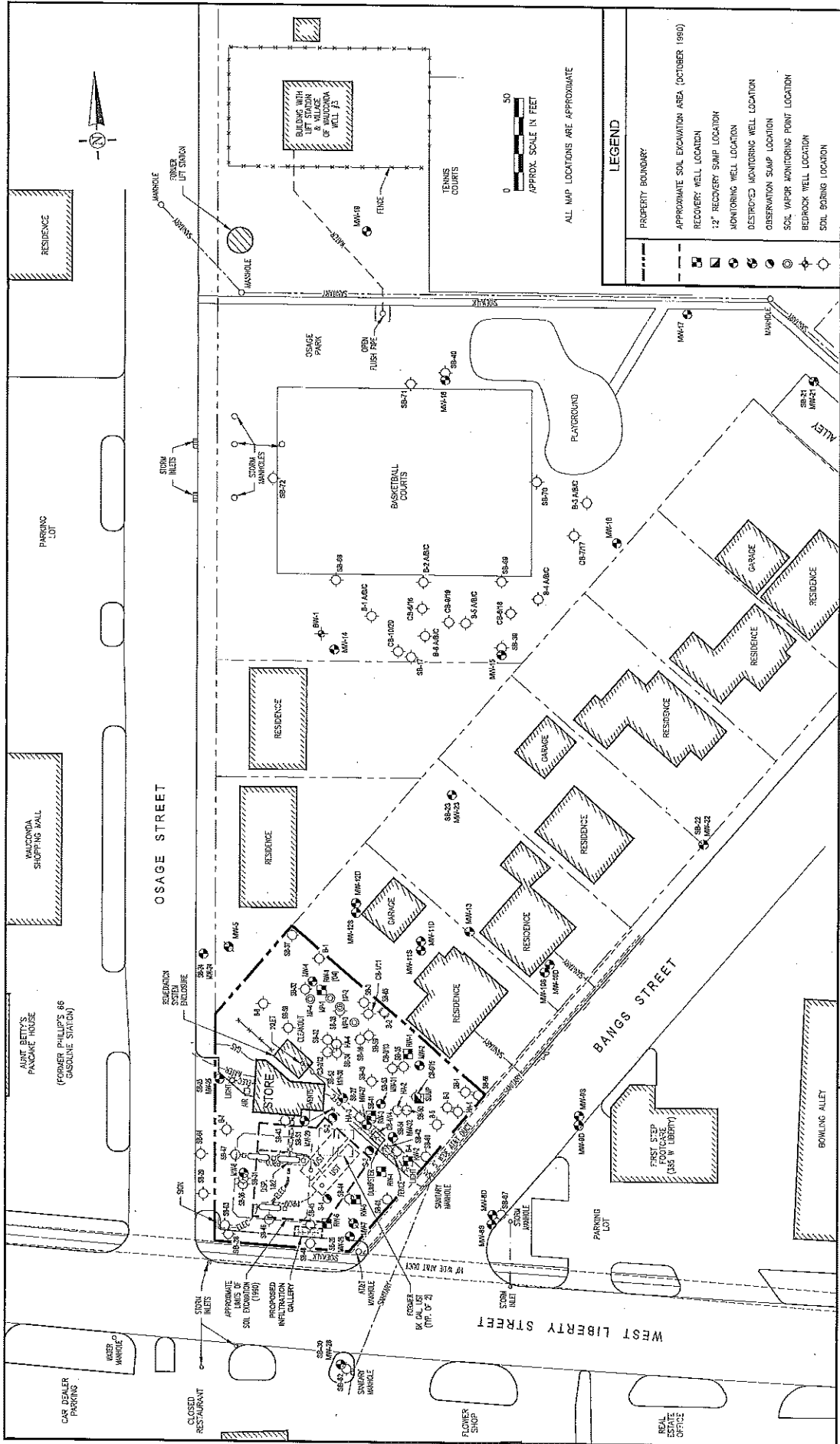
Licensed Professional Engineer or Geologist

Name: Shawn Rodeck
Company: TriCore Environmental, LLC
Address: 1800 W. Hawthorne Ln., Ste. P
City: West Chicago
State: Illinois
ZIP Code: 60185
Phone: (630) 520-9973
Ill. Registration No.: 062-052879
License Expiration Date: 11/30/11
Signature: Shawn Rodeck
Date: 09/21/2011

L.P.E. or L.P.G. Seal



FIGURES



LEGEND

- PROPERTY BOUNDARY
- ▭ APPROXIMATE SOIL EXCAVATION AREA (OCTOBER 1960)
- ◻ RECOVERED WELL LOCATION
- 12" RECOVERY SWAMP LOCATION
- ◻ MONITORING WELL LOCATION
- ◻ DESTROYED MONITORING WELL LOCATION
- ◻ OBSERVATION SWAMP LOCATION
- SOIL VAPOR MONITORING POINT LOCATION
- BEDROCK WELL LOCATION
- SOIL BORING LOCATION

ALL MAP LOCATIONS ARE APPROXIMATE

0 50
APPROX. SCALE IN FEET

FIGURE 1

DRAWN BY: MWS
 APPROVED BY: SAR
 SCALE: 1" = 50'
 DATE: 9/19/11
 DRAWING P.L.E.: 0401SM11

SITE MAP
 SHIVAM ENERGY, INC.
 399 WEST LIBERTY STREET
 WAUCONDA, LAKE COUNTY, ILLINOIS 60084

Shivam Energy, Inc.
 399 West Liberty Street
 Wauconda, Illinois 60084

TriCore Environmental, LLC
 1800 West Hawthorne Lane, Suite P
 West Chicago, Illinois 60185
 (630) 520-9973

TABLES

Table 1
Groundwater Elevation and Analytical Results

Shivam Energy, Inc.
399 West Liberty Street
Wauconda, Lake County, Illinois 60084

Tier I Exposure Routes, COCs, and Groundwater Remediation Objectives							Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	MTBE (mg/L)
GCGIER - Class I Groundwater							0.005	1	0.7	10	0.07
GCGIER - Class II Groundwater							0.025	2.5	1	10	0.07
Sample ID	Date Sampled	Reference Elevation (feet)	Static Depth to Free Product (feet below)	Static Depth to Water (feet below)	Free Product Thickness (feet)	Groundwater Elevation (feet)					
BW-1	19-Jan-93						BDL	BDL	BDL	BDL	
BW-1	17-Jun-93						<0.001	<0.001	<0.001	<0.001	
BW-1	11-Jan-93						<0.001	<0.001	<0.001	<0.001	
BW-1	27-Jun-94						<0.001	<0.001	<0.001	<0.003	
BW-1	16-Feb-95						<0.002	<0.002	<0.002	<0.005	
BW-1	28-Jul-95						<0.002	<0.002	<0.002	<0.005	
BW-1	22-Mar-96						<0.002	<0.002	<0.002	<0.005	
BW-1	11-Oct-01	99.08		27.34		71.74	<0.001	<0.001	<0.001	<0.003	
BW-1	14-Mar-02	99.08		25.56		73.52	<0.001	<0.001	<0.001	<0.003	
BW-1	6-Jun-02	99.08		30.36		68.72	<0.001	<0.001	<0.001	<0.003	
BW-1	30-Aug-02	99.08		28.25		70.83	<0.001	<0.001	<0.001	<0.003	
BW-1	6-Dec-02	99.08		26.61		72.47	<0.001	<0.001	<0.001	<0.003	
BW-1	6-May-04	99.08					Not able to open, manhole needs to be repaired				
MP-1	21-Apr-05	108.51		5.09		103.42	0.49	0.013	<0.0025	0.015	0.0096
MP-1	6-Jan-09	108.51					0.0301	0.0011	0.0021	<0.003	0.001
MP-2	21-Apr-05	108.72		5.31		103.41	0.23	0.0095	0.14	0.2	0.0077
MP-3	21-Apr-05	109.30		5.89		103.41	0.13	0.65	0.13	1.2	0.011
MP-3	29-Dec-08	109.30		5.17		104.13					
MP-3	22-Jun-10	109.30		5.71		103.59					
MP-3	30-Jun-10	109.30		5.68		103.62					
MP-3	6-Jul-10	109.30		5.62		103.68					
MP-3	13-Jul-10	109.30		5.67		103.63					
MP-3	20-Jul-10	109.30		5.64		103.66					
MP-3	27-Jul-10	109.30		5.60		103.70					
MP-3	18-Aug-10	109.30		5.63		103.67					
MP-3	24-Aug-10	109.30		5.78		103.52					
MP-3	31-Aug-10	109.30		5.82		103.48					
MP-3	21-Sep-10	109.30		5.65		103.65					
MP-3	30-Sep-10	109.30		5.63		103.67					
MP-3	12-Oct-10	109.30		5.65		103.65					
MP-3	3-Nov-10	109.30		5.58		103.72					
MP-3	15-Nov-10	109.30		5.65		103.65					
MP-3	2-Dec-10	109.30		5.71		103.59					
MP-3	10-Dec-11	109.30		5.65		103.65					
MP-3	5-Jan-11	109.30		6.63		102.67					
MP-3	14-Mar-11	109.30		5.64		103.66					
MP-3	14-Apr-11	109.30		5.72		103.58	0.361	7.15	1.11	10.8	<0.05
MP-4	21-Apr-05	109.33		5.89		103.44	0.24	0.014	<0.001	0.013	0.0061
MW-2	29-Nov-90		10.00	10.30	0.30						
MW-2	27-Jan-92		FP								
MW-2	19-Feb-92		FP								
MW-2	24-Aug-92		FP								
MW-2	19-Jan-93		FP								
MW-2	17-Jun-93	101.06		10.71		90.35	0.23	3.2	0.65	15	
MW-2	11-Nov-93	101.06		10.96		90.10	0.134	0.01	0.052	1.43	
MW-2	27-Jun-94	101.06	10.95	10.96	0.01	90.11					
MW-2	16-Feb-95	101.06		10.36		90.70	0.178	0.0313	0.447	0.3	
MW-2	28-Jul-95	101.06		10.13		90.93	0.257	0.117	0.139	0.808	
MW-2	22-Mar-96	101.06		11.14		89.92	0.1	0.154	0.331	3.93	
MW-2	17-Jun-96	101.06		9.33		91.73	0.0029	0.0041	0.0107	0.355	
MW-2	25-Sep-96	101.06		10.68		90.38	0.0154	0.0167	0.0546	0.584	
MW-2	24-Apr-97	101.06		9.89		91.17	1.11	3.1	0.71	5.76	
MW-2	17-Jun-97	101.06		9.88		91.18	2.57	3.85	0.487	5.53	
MW-2	27-Aug-97	101.06		10.48		90.58	0.116	0.519	0.534	7.45	
MW-2	5-Nov-97	113.61		10.75		102.86	0.076	0.02	0.31	2.4	
MW-2	27-Feb-98	113.61		10.23		103.38	0.17	0.029	0.074	0.73	
MW-2	10-Jun-98	113.61		10.08		103.53	0.0079	0.0011	0.0075	0.15	
MW-2	8-Oct-98	113.61		10.31		103.30	0.013	0.019	0.18	1.38	
MW-2	31-Mar-99	113.61		10.12		103.49	0.64	0.024	0.087	250/<5	
MW-2	9-Jun-99	113.61		10.00		103.61	0.77	0.22	0.075	0.62	
MW-2	2-Sep-99	113.61		10.60		103.01	0.086	0.0076	0.029	0.066	
MW-2	28-Oct-99	113.61		10.52		103.09	0.16	0.0025	0.016	0.041	
MW-2	23-Feb-00	113.61		10.32		103.29	0.55	0.019	0.27	0.861	
MW-2	24-May-00	113.61		9.77		103.84	0.09	0.11	0.11	1.37	
MW-2	15-Aug-00	113.61		10.21		103.40	0.36	0.13	0.054	0.41	
MW-2	9-Nov-00	113.61		10.03		103.58	0.14	0.099	0.12	0.96	
MW-2	11-Oct-01	113.61		10.24		103.37	0.027	0.036	0.02	0.142	
MW-2	14-Mar-02	113.61		9.85		103.76	0.083	0.012	0.13	0.72	
MW-2	6-Jun-02	113.61		9.62		103.99	0.1	0.052	0.32	3.08	
MW-2	30-Aug-02	113.61		10.16		103.45	0.017	0.0058	0.073	0.448	
MW-2	6-Dec-02	113.61		10.62		102.99	0.012	<0.001	0.003	0.0031/<0.001	

Table 1
Groundwater Elevation and Analytical Results

Shivam Energy, Inc.
399 West Liberty Street
Wauconda, Lake County, Illinois 60084

Tier I Exposure Routes, COCs, and Groundwater Remediation Objectives							Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	MTBE (mg/L)
GCGIER - Class I Groundwater							0.005	1	0.7	10	0.07
GCGIER - Class II Groundwater							0.025	2.5	1	10	0.07
Sample ID	Date Sampled	Reference Elevation (feet)	Static Depth to Free Product (feet below)	Static Depth to Water (feet below)	Free Product Thickness (feet)	Groundwater Elevation (feet)					
MW-2	6-May-04	113.61		10.34		103.27	0.031	0.0014	0.0046	0.003	<0.01
MW-2	21-Apr-05	113.61		10.17		103.44	0.035	<0.001	0.0022	0.029	0.024
MW-2	31-Dec-08	113.61		9.58		104.03					
MW-2	5-Jan-09	113.61		9.84		103.77					
MW-2	6-Jan-09	113.61					Obstruction in well, not able to collect samples				
MW-2	18-Aug-09	113.61		6.33		107.28					
MW-2	1-Sep-09	113.61		10.13		103.48					
MW-2	22-Jun-10	113.61		10.05		103.56					
MW-2	30-Jun-10	113.61		10.01		103.60					
MW-2	6-Jul-10	113.61		10.15		103.46					
MW-2	13-Jul-10	113.61		10.16		103.45					
MW-2	20-Jul-10	113.61		10.61		103.00					
MW-2	27-Jul-10	113.61		10.14		103.47					
MW-2	18-Aug-10	113.61		10.20		103.41					
MW-2	24-Aug-10	113.61		10.10		103.51					
MW-2	31-Aug-10	113.61		10.08		103.53					
MW-2	21-Sep-10	113.61		10.06		103.55					
MW-2	30-Sep-10	113.61		10.05		103.56					
MW-2	12-Oct-10	113.61		10.02		103.59					
MW-2	3-Nov-10	113.61		9.95		103.66					
MW-2	15-Nov-10	113.61		9.97		103.64					
MW-2	2-Dec-10	113.61		9.95		103.66					
MW-2	10-Dec-10	113.61		9.85		103.76					
MW-2	22-Dec-10	113.61		9.20		104.41					
MW-2	27-Dec-10	113.61		9.83		103.78					
MW-4	28-Nov-90						3.5	0.33	0.27	1.1	
MW-4	27-Jan-92						3.1	0.065	0.072	4.147	
MW-4	24-Aug-92						0.14	0.024	0.19	0.49	
MW-4	19-Jan-93						0.26	0.006	BDL	0.021	
MW-4	17-Jun-93	98.97		8.22		90.75	0.015	<0.001	<0.001	0.005	
MW-4	11-Nov-93	98.97		8.58		90.39	<0.001	<0.001	<0.001	<0.001	
MW-4	27-Jun-94	98.97		8.65		90.32	0.154	0.0243	0.0081	0.0098	
MW-4	16-Feb-95	98.97		8.24		90.73	0.253	0.113	0.0845	0.202	
MW-4	28-Jul-95	98.97		8.06		90.91	0.179	0.0115	0.175	0.261	
MW-4	22-Mar-96	98.97		8.75		90.22	0.363	0.346	0.178	0.456	
MW-4	17-Jun-96	98.97		5.79		93.18	<0.002	<0.002	<0.002	<0.005	
MW-4	25-Sep-96	98.97		8.44		90.53	0.0032	<0.002	0.0052	0.0052	
MW-4	24-Apr-97	98.97		7.84		91.13	0.444	0.0255	0.0945	0.11	
MW-4	17-Jun-97	98.97		6.87		92.10	0.386	0.0359	0.125	0.273	
MW-4	27-Aug-97	98.97		8.23		90.74	0.0568	0.0321	0.128	0.322	
MW-4	5-Nov-97	111.44		8.54		102.90	0.037	0.0035	0.043	0.11	
MW-4	27-Feb-98	111.44		7.98		103.46	0.13	<0.005	<0.005	0.04	
MW-4	10-Jun-98	111.44		7.94		103.50	0.029	0.019	0.022	0.052	
MW-4	8-Oct-98	111.44		8.52		102.92	0.018	0.0024	0.033	0.1/<0.001	
MW-4	31-Mar-99	111.44		8.07		103.37	<0.001	<0.001	<0.001	<0.003	
MW-4	9-Jun-99	111.44		8.07		103.37	0.36	0.028	0.28	0.8228	
MW-4	2-Sep-99	111.44		9.50		101.94	0.18	0.017	0.28	1.1/<0.005	
MW-4	28-Oct-99	111.44		8.44		103.00	0.073	0.0046	0.095	0.360/<0.004	
MW-4	23-Feb-00	111.44		8.17		103.27	0.57	<0.005	0.042	0.061/<0.005	
MW-4	24-May-00	111.44		7.69		103.75	0.095	0.0057	0.01	0.0089/<0.001	
MW-4	15-Aug-00	111.44		8.10		103.34	0.36	0.022	0.13	0.140/<0.0025	
MW-4	9-Nov-00	111.44		7.97		103.47	0.16	<0.025	0.13	0.064/<0.005	
MW-4	11-Oct-01	111.44		8.11		103.33	0.039	0.005	0.03	0.013/<0.001	
MW-4	14-Mar-02	111.44		7.68		103.76	0.13	0.0049	<0.001	<0.003	
MW-4	6-Jun-02	111.44		7.35		104.09	0.013	<0.001	0.0058	0.0025/<0.001	
MW-4	30-Aug-02	111.44		8.05		103.39	0.14	0.013	0.035	0.031/<0.001	
MW-4	6-Dec-02	111.44		8.53		102.91	0.17	0.004	0.0016	0.016/<0.001	
MW-4	6-May-04	111.44					Obstruction in well, not able to collect samples				
MW-4	21-Apr-05	111.44		8.07		103.37	0.14	0.003	<0.001	0.0035	0.0011
MW-4	5-Jan-09	111.44		7.64		103.80					
MW-4	6-Jan-09	111.44					Obstruction in well, not able to collect samples				
MW-4	1-Sep-09	111.44		8.01		103.43					
MW-5	28-Nov-90						<0.005	<0.005	<0.005	<0.01	
MW-5	27-Jan-92						<0.002	<0.002	<0.002	<0.005	
MW-5	24-Aug-92						<0.002	<0.002	<0.002	<0.005	
MW-5	19-Jan-93						BDL	BDL	BDL	BDL	
MW-5	17-Jun-93	95.44		4.71		90.73	<0.001	<0.001	<0.001	<0.001	
MW-5	11-Nov-93	95.44		5.09		90.35	<0.001	<0.001	<0.001	<0.001	
MW-5	27-Jun-94	95.44		5.31		90.13	<0.001	<0.001	<0.001	<0.003	
MW-5	16-Feb-95	95.44		4.81		90.63	<0.002	<0.002	<0.002	<0.005	
MW-5	28-Jul-95	95.44		4.99		90.45	<0.0073	<0.002	<0.002	<0.005	

Table 1
Groundwater Elevation and Analytical Results

Shivam Energy, Inc.
399 West Liberty Street
Wauconda, Lake County, Illinois 60084

Tier 1 Exposure Routes, COCs, and Groundwater Remediation Objectives							Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	MTBE (mg/L)
GCGIER - Class I Groundwater							0.005	1	0.7	10	0.07
GCGIER - Class II Groundwater							0.025	2.5	1	10	0.07
Sample ID	Date Sampled	Reference Elevation (feet)	Static Depth to Free Product (feet below)	Static Depth to Water (feet below)	Free Product Thickness (feet)	Groundwater Elevation (feet)					
MW-5	22-Mar-96	95.44		5.28		90.16	<0.002	<0.002	<0.002	<0.005	
MW-5	17-Jun-96	95.44		4.24		91.20	<0.002	<0.002	<0.002	<0.005	
MW-5	25-Sep-96	95.44		5.07		90.37	<0.002	<0.002	<0.002	<0.005	
MW-5	24-Apr-97	95.44		4.40		91.04	<0.002	<0.002	<0.002	<0.005	
MW-5	17-Jun-97	95.44		4.34		91.10	<0.002	<0.002	<0.002	<0.003	
MW-5	27-Aug-97	95.44		4.84		90.60	<0.002	<0.002	<0.002	<0.003	
MW-5	5-Nov-97	108.15		5.21		102.94	<0.001	<0.001	<0.01	<0.003	
MW-5	27-Feb-98	108.15		4.58		103.57	<0.001	<0.001	<0.001	<0.003	
MW-5	10-Jun-98	108.15		4.53		103.62	<0.001	<0.001	<0.001	<0.003	
MW-5	8-Oct-98	108.15		4.78		103.37	<0.001	<0.001	<0.001	<0.003	
MW-5	31-Mar-99	108.15		4.76		103.39	0.053	0.07	0.11	0.38	
MW-5	9-Jun-99	108.15		4.65		103.50	<0.001	<0.001	<0.001	<0.003	
MW-5	2-Sep-99	108.15		5.34		102.81	<0.001	<0.001	<0.001	<0.002	
MW-5	28-Oct-99	108.15		5.19		102.96	<0.001	<0.001	<0.001	<0.003	
MW-5	23-Feb-00	108.15		4.92		103.23					
MW-5	24-May-00	108.15		4.34		103.81	<0.001	<0.001	<0.001	<0.003	
MW-5	15-Aug-00	108.15		4.81		103.34	<0.001	<0.001	<0.001	<0.003	
MW-5	9-Nov-00	108.15		4.75		103.40	<0.001	<0.001	<0.001	<0.003	
MW-5	11-Oct-01	108.15		4.80		103.35	<0.001	<0.001	<0.001	<0.003	
MW-5	14-Mar-02	108.15		4.41		103.74	<0.001	<0.001	<0.001	<0.003	
MW-5	6-Jun-02	108.15		4.63		103.52	<0.001	<0.001	<0.001	<0.003	
MW-5	30-Aug-02	108.15		4.75		103.40	<0.001	<0.001	<0.001	<0.003	
MW-5	6-Dec-02	108.15		5.24		102.91	<0.001	<0.001	<0.001	<0.003	
MW-5	6-May-04										Well destroyed
MW-6	28-Nov-90						<0.005	<0.005	<0.005	<0.01	
MW-6	19-Jan-93						BDL	BDL	BDL	BDL	
MW-6	17-Jun-93	98.46		7.07		91.39	<0.001	<0.001	<0.001	<0.001	
MW-6	11-Nov-93	98.46		7.63		90.83	<0.001	<0.001	<0.001	<0.001	
MW-6	27-Jun-94	98.46		7.57		90.89	<0.001	<0.001	<0.001	<0.003	
MW-6	16-Feb-95	98.46		7.41		91.05	<0.002	<0.002	<0.002	<0.005	
MW-6	28-Jul-95	98.46		7.11		91.35	0.0045	<0.002	<0.002	<0.005	
MW-6	22-Mar-96	98.46		7.89		90.57	<0.002	<0.002	<0.002	<0.005	
MW-6	17-Jun-96	98.46		6.11		92.35	<0.002	<0.002	<0.002	<0.005	
MW-6	25-Sep-96	98.46		7.59		90.87	<0.002	<0.002	<0.002	<0.005	
MW-6	24-Apr-97	98.46		6.87		91.59	<0.002	<0.002	<0.002	<0.005	
MW-6	17-Jun-97	98.46		6.81		91.65	<0.002	<0.002	<0.002	<0.005	
MW-6	27-Aug-97	98.46		7.34		91.12	<0.002	<0.002	<0.002	<0.005	
MW-6	5-Nov-97	111.06		7.74		103.32	<0.001	<0.001	<0.002	<0.003	
MW-6	27-Feb-98	111.06		7.03		104.03	<0.001	<0.001	<0.001	<0.003	
MW-6	10-Jun-98	111.06		6.97		104.09	<0.001	<0.001	<0.001	<0.003	
MW-6	8-Oct-98	111.06		7.28		103.78	<0.001	<0.001	<0.001	<0.003	
MW-6	31-Mar-99	111.06		7.14		103.92	<0.001	<0.001	<0.001	<0.003	
MW-6	9-Jun-99	111.06		6.95		104.11	<0.001	<0.001	<0.001	<0.003	
MW-6	2-Sep-99	111.06		7.71		103.35	<0.001	<0.001	<0.001	<0.002	
MW-6	28-Oct-99	111.06		7.64		103.42	<0.001	<0.001	<0.001	<0.002	
MW-6	23-Feb-00	111.06		7.42		103.64	<0.001	<0.001	<0.001	<0.003	
MW-6	24-May-00	111.06		6.68		104.38	<0.001	<0.001	<0.001	<0.003	
MW-6	15-Aug-00	111.06		7.25		103.81	0.58	3.1	0.55	2.49	
MW-6	9-Nov-00	111.06		7.11		103.95	0.069	1	0.35	2.3	
MW-6	11-Oct-01	111.06	Sheen	7.39	Sheen	103.67					
MW-6	14-Mar-02	111.06	Sheen	6.93	Sheen	104.13	0.0029	0.002	0.015	0.032	
MW-6	6-Jun-02	111.06	Sheen	6.70	Sheen	104.36	0.0017	0.0016	0.012	0.0256	
MW-6	30-Aug-02	111.06	Sheen	7.27	Sheen	103.79	0.0015	0.0011	0.1	0.0245	
MW-6	6-Dec-02	111.06	Sheen	7.83	Sheen	103.23	<0.001	<0.001	0.0041	0.0099	
MW-6	6-May-04	111.06	Sheen	7.45	Sheen	103.61	<0.001	<0.001	0.001	<0.003	<0.001
MW-6	21-Apr-05	111.06		7.26		103.80					
MW-6	22-Apr-05	111.06					<0.001	<0.001	<0.001	<0.003	<0.001
MW-6	29-Dec-08	111.06		6.67		104.39					
MW-6	5-Jan-09	111.06		7.06		104.00					
MW-6	6-Jan-09	111.06					<0.001	<0.001	<0.001	<0.003	<0.001
MW-6	1-Sep-09	111.06		7.27		103.79					
MW-6	22-Jun-10	111.06		7.13		103.93					
MW-6	30-Jun-10	111.06		7.12		103.94					
MW-6	6-Jul-10	111.06		7.10		103.96					
MW-6	13-Jul-10	111.06		7.09		103.97					
MW-6	20-Jul-10	111.06		7.42		103.64					
MW-6	27-Jul-10	111.06		7.08		103.98					
MW-6	18-Aug-10	111.06		7.11		103.95					
MW-6	24-Aug-10	111.06		7.25		103.81					
MW-6	31-Aug-10	111.06		7.24		103.82					
MW-6	21-Sep-10	111.06		7.30		103.76					

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Tier 1 Exposure Routes, COCs, and Groundwater Remediation Objectives							Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	MTBE (mg/L)
GCGIER - Class I Groundwater							0.005	1	0.7	10	0.07
GCGIER - Class II Groundwater							0.025	2.5	1	10	0.07
Sample ID	Date Sampled	Reference Elevation (feet)	Static Depth to Free Product (feet below)	Static Depth to Water (feet below)	Free Product Thickness (feet)	Groundwater Elevation (feet)					
MW-6	30-Sep-10	111.06		7.34		103.72					
MW-6	12-Oct-10	111.06		7.32		103.74					
MW-6	3-Nov-10	111.06		7.58		103.48					
MW-6	15-Nov-10	111.06		7.61		103.45					
MW-6	2-Dec-10	111.06		7.65		103.41					
MW-6	10-Dec-10	111.06		7.61		103.45					
MW-6	22-Dec-10	111.06		7.58		103.48					
MW-6	27-Dec-10	111.06		7.60		103.46					
MW-6	2-Mar-11	111.06		7.16		103.90					
MW-6	7-Mar-11	111.06		7.06		104.00					
MW-6	14-Apr-11	111.06		7.16		103.90	<0.001	<0.001	<0.001	<0.003	<0.001
MW-7	29-Nov-90		7.39	7.69	0.30						
MW-7	21-Apr-05						Well destroyed				
MW-8S	1-Apr-91	86.88		6.61		80.27	<0.005	<0.005	<0.005	<0.01	
MW-8S	27-Jan-92						<0.002	<0.003	<0.002	<0.01	
MW-8S	24-Aug-92						<0.002	<0.003	<0.002	<0.007	
MW-8S	17-Jun-93	98.29		7.56		90.73	<0.001	<0.001	<0.001	<0.001	
MW-8S	11-Nov-93	98.29		7.58		90.71	<0.001	<0.001	<0.001	<0.001	
MW-8S	27-Jun-94	98.29		7.46		90.83	<0.001	<0.001	<0.001	<0.003	
MW-8S	16-Feb-95	98.29		7.43		90.86	<0.002	<0.002	<0.002	<0.005	
MW-8S	28-Jul-95	98.29		7.14		91.15	<0.0034	<0.002	<0.002	<0.005	
MW-8S	22-Mar-96	98.29		7.73		90.56	<0.002	<0.002	<0.002	<0.005	
MW-8S	17-Jun-96	98.29		6.46		91.83	<0.002	<0.002	<0.002	<0.005	
MW-8S	25-Sep-96	98.29		7.49		90.80	<0.002	<0.002	<0.002	<0.005	
MW-8S	24-Apr-97	98.29		6.94		91.35	<0.002	<0.002	<0.002	<0.005	
MW-8S	17-Jun-97	98.29		6.86		91.43	<0.002	<0.002	<0.002	<0.005	
MW-8S	27-Aug-97	98.29		7.26		91.03	<0.002	<0.002	<0.002	<0.005	
MW-8S	5-Nov-97	110.89		7.62		103.27	<0.001	<0.001	<0.001	<0.003	
MW-8S	27-Feb-98	110.89		7.50		103.39	<0.001	<0.001	<0.001	<0.003	
MW-8S	10-Jun-98	110.89		6.95		103.94	<0.001	<0.001	<0.001	<0.001	
MW-8S	8-Oct-98	110.89		7.19		103.70	<0.001	<0.001	<0.001	<0.003	
MW-8S	31-Mar-99	110.89		7.12		103.77	<0.001	<0.001	<0.001	<0.003	
MW-8S	9-Jun-99	110.89		7.00		103.89	<0.001	<0.001	<0.001	<0.003	
MW-8S	2-Sep-99	110.89		7.61		103.28	<0.001	<0.001	<0.001	<0.002	
MW-8S	28-Oct-99	110.89		7.56		103.33	<0.001	<0.001	<0.001	<0.002	
MW-8S	23-Feb-00	110.89		7.48		103.41	<0.001	0.0024	<0.001	<0.0041	
MW-8S	24-May-00	110.89		6.77		104.12	<0.001	<0.001	<0.001	<0.003	
MW-8S	15-Aug-00	110.89		7.62		103.27	<0.001	<0.001	<0.001	<0.003	
MW-8S	9-Nov-00	110.89		7.20		103.69	<0.001	<0.001	<0.001	<0.003	
MW-8S	11-Oct-01	110.89		7.26		103.63	<0.001	<0.001	<0.001	<0.003	
MW-8S	14-Mar-02	110.89		6.91		103.98	<0.001	<0.001	<0.001	<0.003	
MW-8S	6-Jun-02	110.89		6.71		104.18	<0.001	<0.001	<0.001	<0.003	
MW-8S	30-Aug-02	110.89		7.18		103.71	<0.001	<0.001	<0.001	<0.003	
MW-8S	6-Dec-02	110.89		7.64		103.25	<0.001	<0.001	<0.001	<0.003	
MW-8S	6-May-04	110.89		7.39		103.50	<0.001	<0.001	<0.001	<0.003	<0.001
MW-8S	21-Apr-05	110.89		7.22		103.67					
MW-8S	22-Apr-05	110.89					<0.001	<0.001	<0.001	<0.003	<0.001
MW-8S	5-Jan-09	110.89		6.97		103.92					
MW-8S	6-Jan-09	110.89		7.00		103.89	<0.001	<0.001	<0.001	<0.003	<0.001
MW-8S	1-Sep-09	110.89		7.22		103.67					
MW-8S	14-Apr-11	110.89		7.15		103.74	<0.001	<0.001	<0.001	<0.003	<0.001
MW-8D	1-Apr-91	86.96		6.77		80.19	<0.005	<0.005	<0.005	<0.01	
MW-8D	27-Jan-92						<0.002	<0.002	<0.002	<0.005	
MW-8D	24-Aug-92						<0.002	<0.002	<0.002	<0.005	
MW-8D	11-Nov-93	98.31		7.50		90.81	<0.001	<0.001	<0.001	<0.001	
MW-8D	27-Jun-94	98.31		7.94		90.37	<0.001	<0.001	<0.001	<0.003	
MW-8D	16-Feb-95	98.31		7.80		90.51	<0.002	0.0039	<0.002	<0.005	
MW-8D	28-Jul-95	98.31		7.65		90.66	0.0023	<0.002	<0.002	0.0054	
MW-8D	22-Mar-96	98.31		8.06		90.25	<0.002	<0.002	<0.002	<0.005	
MW-8D	17-Jun-96	98.31		6.81		91.50	<0.002	<0.002	<0.002	<0.005	
MW-8D	25-Sep-96	98.31		7.55		90.76	<0.002	<0.002	<0.002	<0.005	
MW-8D	24-Apr-97	98.31		7.33		90.98	<0.002	<0.002	<0.002	<0.005	
MW-8D	17-Jun-97	98.31		7.32		90.99	<0.002	<0.002	<0.002	<0.005	
MW-8D	27-Aug-97	98.31		7.85		90.46	<0.002	<0.002	<0.002	<0.005	
MW-8D	5-Nov-97	111.03		8.06		102.97	<0.001	<0.001	<0.001	<0.003	
MW-8D	27-Feb-98	111.03		7.00		104.03	<0.001	<0.001	<0.001	<0.003	
MW-8D	10-Jun-98	111.03		7.36		103.67	<0.001	<0.001	<0.001	<0.003	
MW-8D	8-Oct-98	111.03		7.67		103.36	<0.001	<0.001	<0.001	<0.003	
MW-8D	31-Mar-99	111.03		7.40		103.63	<0.001	<0.001	<0.001	<0.003	
MW-8D	9-Jun-99	111.03		7.10		103.93	<0.001	<0.001	<0.001	<0.003	
MW-8D	2-Sep-99	111.03		8.02		103.01	<0.001	<0.001	<0.001	<0.002	

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Tier 1 Exposure Routes, COCs, and Groundwater Remediation Objectives							Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	MTBE (mg/L)
GCGIER - Class I Groundwater							0.005	1	0.7	10	0.07
GCGIER - Class II Groundwater							0.025	2.5	1	10	0.07
Sample ID	Date Sampled	Reference Elevation (feet)	Static Depth to Free Product (feet below)	Static Depth to Water (feet below)	Free Product Thickness (feet)	Groundwater Elevation (feet)					
MW-8D	28-Oct-99	111.03		7.95		103.08	<0.001	<0.001	<0.001	<0.002	
MW-8D	23-Feb-00	111.03		7.92		103.11	<0.001	<0.001	<0.001	<0.003	
MW-8D	24-May-00	111.03		7.01		104.02	<0.001	<0.001	<0.001	<0.003	
MW-8D	15-Aug-00	111.03		7.62		103.41	<0.001	<0.001	<0.001	<0.003	
MW-8D	9-Nov-00	111.03		7.72		103.31	<0.001	<0.005	<0.001	<0.003	
MW-8D	11-Oct-01	111.03		7.67		103.36	<0.001	<0.001	<0.001	<0.003	
MW-8D	14-Mar-02	111.03		7.28		103.75	<0.001	<0.001	<0.001	<0.003	
MW-8D	6-Jun-02	111.03		7.04		103.99	<0.001	<0.001	<0.001	<0.003	
MW-8D	30-Aug-02	111.03		7.51		103.52	<0.001	<0.001	<0.001	<0.003	
MW-8D	6-Dec-02	111.03		8.00		103.03	<0.001	<0.001	<0.001	<0.003	
MW-8D	6-May-04	111.03		7.70		103.33	<0.001	<0.001	<0.001	<0.003	<0.001
MW-8D	21-Apr-05	111.03		7.53		103.50					
MW-8D	22-Apr-05	111.03					<0.001	<0.001	<0.001	<0.003	<0.001
MW-8D	5-Jan-09	111.03		7.14		103.89					
MW-8D	6-Jan-09	111.03					<0.001	<0.001	<0.001	<0.003	<0.001
MW-8D	1-Sep-09	111.03		7.43		103.60					
MW-8D	14-Apr-11	111.03		7.51		103.52	<0.001	<0.001	<0.001	<0.003	<0.001
MW-9S	1-Apr-91	86.00		6.12		79.88	<0.005	<0.005	<0.005	<0.01	
MW-9S	27-Jan-92						<0.002	<0.002	<0.002	<0.005	
MW-9S	24-Aug-92						<0.002	<0.002	<0.002	<0.005	
MW-9S	19-Jan-93						BDL	BDL	BDL	BDL	
MW-9S	17-Jun-93	97.42		6.79		90.63	<0.001	<0.001	<0.001	<0.001	
MW-9S	11-Nov-93	97.42		7.04		90.38	<0.001	<0.001	<0.001	<0.001	
MW-9S	27-Jun-94	97.42		7.03		90.39	<0.001	<0.001	<0.001	<0.003	
MW-9S	16-Feb-95	97.42		7.04		90.38	<0.002	<0.002	<0.002	<0.005	
MW-9S	28-Jul-95	97.42		6.82		90.60	<0.002	<0.002	<0.002	<0.005	
MW-9S	22-Mar-96	97.42		7.32		90.10	<0.002	<0.002	<0.002	<0.005	
MW-9S	17-Jun-96	97.42		6.35		91.07	<0.002	<0.002	<0.002	<0.005	
MW-9S	25-Sep-96	97.42		7.10		90.32	<0.002	<0.002	<0.002	<0.005	
MW-9S	24-Apr-97	97.42		6.72		90.70	<0.002	<0.002	<0.002	<0.005	
MW-9S	17-Jun-97	97.42		6.74		90.68	<0.002	<0.002	<0.002	<0.005	
MW-9S	27-Aug-97	97.42		6.90		90.52	<0.002	<0.002	<0.001	<0.005	
MW-9S	5-Nov-97	110.16		7.21		102.95	<0.001	<0.001	<0.001	<0.003	
MW-9S	27-Feb-98	110.16		6.86		103.30	<0.001	<0.001	<0.001	<0.003	
MW-9S	10-Jun-98	110.16		6.67		103.49	<0.001	<0.001	<0.001	<0.003	
MW-9S	8-Oct-98	110.16		6.83		103.33	<0.001	<0.001	<0.001	<0.003	
MW-9S	31-Mar-99	110.16		6.90		103.26	<0.001	<0.001	<0.001	<0.003	
MW-9S	9-Jun-99	110.16		7.76		103.40	<0.001	<0.001	<0.001	<0.003	
MW-9S	2-Sep-99	110.16		7.26		102.90	<0.001	<0.001	<0.001	<0.003	
MW-9S	28-Oct-99	110.16		7.20		102.96	<0.001	<0.001	<0.001	<0.003	
MW-9S	23-Feb-00	110.16		7.90		102.26	<0.001	<0.001	<0.001	<0.003	
MW-9S	24-May-00	110.16		6.64		103.52	<0.001	<0.001	<0.001	<0.003	
MW-9S	15-Aug-00	110.16		6.93		103.23	<0.001	<0.001	<0.001	<0.003	
MW-9S	9-Nov-00	110.16		6.75		103.41	<0.001	<0.005	<0.001	<0.003	
MW-9S	11-Oct-01	110.16		6.96		103.20	<0.001	<0.001	<0.001	<0.003	
MW-9S	14-Mar-02	110.16		6.73		103.43	<0.001	<0.001	<0.001	<0.003	
MW-9S	6-Jun-02	110.96		6.52		104.44	<0.001	<0.001	<0.001	<0.003	
MW-9S	30-Aug-02	110.96		6.92		104.04	<0.001	<0.001	<0.001	<0.003	
MW-9S	6-Dec-02	110.96		7.27		103.69	<0.001	<0.001	<0.001	<0.003	
MW-9S	6-May-04	110.96		7.12		103.84	<0.001	<0.001	<0.001	<0.003	<0.001
MW-9S	21-Apr-05	110.96		6.95		104.01					
MW-9S	22-Apr-05	110.96					<0.001	<0.001	<0.001	<0.003	<0.001
MW-9S	6-Jan-09	110.96					Obstruction in well, not able to gauge or collect samples				
MW-9S	1-Sep-09	110.96		6.96		104.00					
MW-9S	14-Apr-11	110.96		6.95		104.01	<0.001	<0.001	<0.001	<0.003	<0.001
MW-9D	1-Apr-91	86.06		6.26		79.80	<0.005	<0.005	<0.005	<0.01	
MW-9D	27-Jan-92						<0.002	<0.002	<0.002	<0.005	
MW-9D	24-Aug-92						<0.002	<0.002	<0.002	<0.005	
MW-9D	19-Jan-93										
MW-9D	17-Jun-93										
MW-9D	11-Nov-93	97.48		7.13		90.35	<0.001	<0.001	<0.001	<0.001	
MW-9D	27-Jun-94	97.48		7.13		90.35	<0.001	<0.001	<0.001	<0.003	
MW-9D	16-Feb-95	97.48		7.15		90.33	<0.002	<0.002	<0.002	<0.005	
MW-9D	28-Jul-95	97.48		6.92		90.56	<0.002	<0.002	<0.002	<0.005	
MW-9D	22-Mar-96	97.48		7.42		90.06	<0.002	<0.002	<0.002	<0.005	
MW-9D	17-Jun-96	97.48		6.44		91.04	<0.002	<0.002	<0.002	<0.005	
MW-9D	25-Sep-96	97.48		7.19		90.29	<0.002	<0.002	<0.002	<0.005	
MW-9D	24-Apr-97	97.48		6.84		90.64	<0.002	<0.002	<0.002	<0.005	
MW-9D	17-Jun-97	97.48		6.79		90.69	<0.002	<0.002	<0.002	<0.005	
MW-9D	27-Aug-97	97.48		7.02		90.46	<0.002	<0.002	<0.002	<0.005	
MW-9D	5-Nov-97	110.26		7.32		102.94	<0.001	<0.001	<0.001	<0.003	

Table 1
Groundwater Elevation and Analytical Results

Shivam Energy, Inc.
399 West Liberty Street
Wauconda, Lake County, Illinois 60084

Tier 1 Exposure Routes, COCs, and Groundwater Remediation Objectives							Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	MTBE (mg/L)
GCGIER - Class I Groundwater							0.005	1	0.7	10	0.07
GCGIER - Class II Groundwater							0.025	2.5	1	10	0.07
Sample ID	Date Sampled	Reference Elevation (feet)	Static Depth to Free Product (feet below)	Static Depth to Water (feet below)	Free Product Thickness (feet)	Groundwater Elevation (feet)					
MW-9D	27-Feb-98	110.26		6.74		103.52	<0.001	<0.001	<0.001	<0.003	
MW-9D	10-Jun-98	110.26		6.79		103.47	<0.001	<0.001	<0.001	<0.003	
MW-9D	8-Oct-98	110.26		6.93		103.33	<0.001	<0.001	<0.001	<0.003	
MW-9D	31-Mar-99	110.26		7.01		103.25	<0.001	<0.001	<0.001	<0.003	
MW-9D	9-Jun-99	110.26		6.87		103.39	<0.001	<0.001	<0.001	<0.003	
MW-9D	2-Sep-99	110.26		7.41		102.85	<0.001	<0.001	<0.001	<0.003	
MW-9D	28-Oct-99	110.26		7.31		102.95	<0.001	<0.001	<0.001	<0.003	
MW-9D	23-Feb-00	110.26		7.10		103.16	<0.001	<0.001	<0.001	<0.003	
MW-9D	24-May-00	110.26		6.74		103.52	<0.001	<0.001	<0.001	<0.003	
MW-9D	15-Aug-00	110.26		7.07		103.19	<0.001	<0.001	<0.001	<0.003	
MW-9D	9-Nov-00	110.26		6.90		103.36	<0.001	<0.001	<0.001	<0.003	
MW-9D	11-Oct-01	110.26		7.05		103.21	<0.001	<0.001	<0.001	<0.003	
MW-9D	14-Mar-02	110.26		6.83		103.43	<0.001	<0.001	<0.001	<0.003	
MW-9D	6-Jun-02	110.26		6.62		103.64	<0.001	<0.001	<0.001	<0.003	
MW-9D	30-Aug-02	110.26		7.04		103.22	<0.001	<0.001	<0.001	<0.003	
MW-9D	6-Dec-02	110.26		7.38		102.88	<0.001	<0.001	<0.001	<0.003	
MW-9D	6-May-04	110.26		7.21		103.05	<0.001	<0.001	<0.001	<0.003	<0.001
MW-9D	21-Apr-05	110.26		7.04		103.22					
MW-9D	22-Apr-05	110.26					<0.001	<0.001	<0.001	<0.003	<0.001
MW-9D	5-Jan-09	110.26		6.91		103.35					
MW-9D	6-Jan-09	110.26					<0.001	<0.001	<0.001	<0.003	<0.001
MW-9D	1-Sep-09	110.26		7.05		103.21					
MW-9D	14-Apr-11	110.26		7.06		103.20	<0.001	<0.001	<0.001	<0.003	<0.001
MW-10S	1-Apr-91	85.93		5.28		80.65	<0.005	<0.005	<0.005	<0.010	
MW-10S	27-Jan-92						<0.002	<0.002	<0.002	<0.005	
MW-10S	24-Aug-92						<0.002	<0.002	<0.002	<0.005	
MW-10S	19-Jan-93						BDL	BDL	BDL	BDL	
MW-10S	17-Jun-93	96.38		5.91		90.47	<0.001	<0.001	<0.001	<0.001	
MW-10S	11-Nov-93	96.38		6.12		90.26	<0.001	<0.001	<0.001	<0.001	
MW-10S	27-Jun-94	96.38		6.11		90.27	<0.001	<0.001	<0.001	<0.003	
MW-10S	16-Feb-95	96.38		6.08		90.30	<0.002	<0.002	<0.002	<0.005	
MW-10S	28-Jul-95	96.38		5.84		90.54	<0.002	<0.002	<0.002	<0.005	
MW-10S	22-Mar-96	96.38		6.33		90.05	<0.002	<0.002	<0.002	<0.005	
MW-10S	17-Jun-96	96.38		5.26		91.12	<0.002	<0.002	<0.002	<0.005	
MW-10S	25-Sep-96	96.38		6.09		90.29	<0.002	<0.002	<0.002	<0.005	
MW-10S	24-Apr-97	96.38		5.73		90.65	<0.002	<0.002	<0.002	<0.005	
MW-10S	17-Jun-97	96.38		5.64		90.74	<0.002	<0.002	<0.002	<0.005	
MW-10S	27-Aug-97	96.38		5.90		90.48	0.0126	<0.002	<0.002	<0.005	
MW-10S	5-Nov-97	108.99		6.19		102.80	<0.001	<0.001	<0.001	<0.003	
MW-10S	27-Feb-98	108.99		5.77		103.22	<0.001	<0.001	<0.001	<0.003	
MW-10S	10-Jun-98	108.99		5.66		103.33	<0.001	<0.001	<0.001	<0.003	
MW-10S	8-Oct-98	108.99		5.83		103.16	<0.001	<0.001	<0.001	<0.003	
MW-10S	31-Mar-99	108.99		5.95		103.04	<0.001	<0.001	<0.001	<0.003	
MW-10S	9-Jun-99	108.99		5.76		103.23	<0.001	<0.001	<0.001	<0.003	
MW-10S	2-Sep-99	108.99		6.21		102.78	<0.001	<0.001	<0.001	<0.003	
MW-10S	28-Oct-99	108.99		6.30		102.69	<0.001	<0.001	<0.001	<0.003	
MW-10S	23-Feb-00	108.99		6.06		102.93	<0.001	<0.001	<0.001	<0.003	
MW-10S	24-May-00	108.99		5.68		103.31	<0.001	<0.001	<0.001	<0.003	
MW-10S	15-Aug-00	108.99		5.94		103.05	<0.001	<0.001	<0.001	<0.003	
MW-10S	9-Nov-00	108.99		5.90		103.09	<0.001	<0.005	<0.001	<0.003	
MW-10S	11-Oct-01	108.99		5.94		103.05	<0.001	<0.001	<0.001	<0.003	
MW-10S	14-Mar-02	108.99		5.79		103.20	<0.001	<0.001	<0.001	<0.003	
MW-10S	6-Jun-02	108.99		5.55		103.44	<0.001	<0.001	<0.001	<0.003	
MW-10S	30-Aug-02	108.99		5.91		103.08	<0.001	<0.001	<0.001	<0.003	
MW-10S	6-Dec-02	108.99		6.24		102.75	<0.001	<0.001	<0.001	<0.003	
MW-10S	6-May-04	108.99		6.15		102.84	<0.001	<0.001	<0.001	<0.003	<0.001
MW-10S	21-Apr-05	108.99		5.97		103.02					
MW-10S	22-Apr-05	108.99					<0.001	<0.001	<0.001	<0.003	<0.001
MW-10S	5-Jan-09	108.99		5.69		103.30					
MW-10S	6-Jan-09	108.99				108.99	<0.001	<0.001	<0.001	<0.003	<0.001
MW-10S	10-Jan-11	108.99		6.07		102.92					
MW-10S	14-Apr-11	108.99		5.87		103.12	<0.001	<0.001	<0.001	<0.003	<0.001
MW-10D	1-Apr-91	85.06		5.62		79.44	<0.005	<0.005	<0.005	<0.010	
MW-10D	27-Jan-92						0.005	<0.002	<0.002	<0.005	
MW-10D	24-Aug-92						<0.002	<0.002	<0.002	<0.005	
MW-10D	11-Nov-93	96.31		6.21		90.10	<0.001	<0.001	<0.001	<0.001	
MW-10D	27-Jun-94	96.31		6.23		90.08	<0.001	<0.001	<0.001	<0.003	
MW-10D	16-Feb-95	96.31		6.15		90.16	<0.002	<0.002	<0.002	<0.005	
MW-10D	28-Jul-95	96.31		5.90		90.41	<0.002	<0.002	<0.002	<0.005	
MW-10D	22-Mar-96	96.31		6.42		89.89	<0.002	<0.002	<0.002	<0.005	
MW-10D	17-Jun-96	96.31		5.27		91.04	<0.002	<0.002	<0.002	<0.005	

Table 1
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399 West Liberty Street
Wauconda, Lake County, Illinois 60084

Tier I Exposure Routes, COCs, and Groundwater Remediation Objectives							Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	MTBE (mg/L)
GCGIER - Class I Groundwater							0.005	1	0.7	10	0.07
GCGIER - Class II Groundwater							0.025	2.5	1	10	0.07
Sample ID	Date Sampled	Reference Elevation (feet)	Static Depth to Free Product (feet below)	Static Depth to Water (feet below)	Free Product Thickness (feet)	Groundwater Elevation (feet)					
MW-10D	25-Sep-96	96.31		6.17		90.14	<0.002	<0.002	<0.002	<0.005	
MW-10D	24-Apr-97	96.31		5.77		90.54	<0.002	<0.002	<0.002	<0.005	
MW-10D	17-Jun-97	96.31		5.74		90.57	<0.002	<0.002	<0.002	<0.005	
MW-10D	27-Aug-97	96.31		6.83		89.48	<0.002	<0.002	<0.002	<0.005	
MW-10D	5-Nov-97	108.93		6.13		102.80	<0.001	<0.001	<0.001	<0.003	
MW-10D	27-Feb-98	108.93		5.71		103.22	<0.001	<0.001	<0.001	<0.003	
MW-10D	10-Jun-98	108.93		5.61		103.32	<0.001	<0.001	<0.001	<0.003	
MW-10D	8-Oct-98	108.93		6.79		102.14	<0.001	<0.001	<0.001	<0.003	
MW-10D	31-Mar-99	108.93		5.90		103.03	<0.001	<0.001	<0.001	<0.003	
MW-10D	9-Jun-99	108.93		5.81		103.12	<0.001	<0.001	<0.001	<0.003	
MW-10D	2-Sep-99	108.93		6.18		102.75	<0.001	<0.001	<0.001	<0.003	
MW-10D	28-Oct-99	108.93		6.18		102.75	<0.001	<0.001	<0.001	<0.003	
MW-10D	23-Feb-00	108.93		6.10		102.83	<0.001	<0.001	<0.001	<0.003	
MW-10D	24-May-00	108.93		5.55		103.38	<0.001	<0.001	<0.001	<0.003	
MW-10D	15-Aug-00	108.93		5.91		103.02	<0.001	<0.001	<0.001	<0.003	
MW-10D	9-Nov-00	108.93		5.80		103.13	<0.001	<0.005	<0.001	<0.003	
MW-10D	11-Oct-01	108.93		5.90		103.03	<0.001	<0.001	<0.001	<0.003	
MW-10D	14-Mar-02	108.93		5.74		103.19	<0.001	<0.001	<0.001	<0.003	
MW-10D	6-Jun-02	108.93		5.52		103.41	<0.001	<0.001	<0.001	<0.003	
MW-10D	30-Aug-02	108.93		5.85		103.08	<0.001	<0.001	<0.001	<0.003	
MW-10D	6-Dec-02	108.93		6.22		102.71	<0.001	<0.001	<0.001	<0.003	
MW-10D	6-May-04	108.93		6.09		102.84	<0.001	<0.001	<0.001	<0.003	0.0055
MW-10D	21-Apr-05	108.93		5.94		102.99					
MW-10D	22-Apr-05	108.93					<0.001	<0.001	<0.001	<0.003	0.0041
MW-10D	5-Jan-09	108.93		5.62		103.31					
MW-10D	6-Jan-09	108.93					<0.001	<0.001	<0.001	<0.003	<0.001
MW-10D	10-Jan-11	108.93		6.08		102.85					
MW-10D	14-Apr-11	108.93		5.83		103.10	<0.001	<0.001	<0.001	<0.003	0.0035
MW-11S	1-Apr-91	85.82		5.52		80.30	0.15	<0.005	<0.005	0.011	
MW-11S	27-Jan-92						3.6	0.021	0.18	4.491	
MW-11S	24-Aug-92						0.006	0.029	0.006	0.81	
MW-11S	19-Jan-93						1.3	0.007	0.03	0.1	
MW-11S	17-Jun-93	96.99		6.01		90.98	0.14	<0.001	<0.001	<0.001	
MW-11S	11-Nov-93	96.99		6.80		90.19	1.35	<0.001	<0.001	<0.001	
MW-11S	27-Jun-94	96.99		6.84		90.15	0.785	0.0094	0.173	0.282	
MW-11S	16-Feb-95	96.99		6.53		90.46	1.55	0.0248	0.163	0.239	
MW-11S	28-Jul-95	96.99		6.42		90.57	0.954	0.0545	0.316	0.29	
MW-11S	17-Jun-96	96.99		4.43		92.56	<0.002	<0.002	<0.002	<0.005	
MW-11S	25-Sep-96	96.99		6.77		90.22	1.76	0.0443	0.519	1.22	
MW-11S	24-Apr-97	96.99		6.12		90.87	0.384	0.0087	0.134	2.1	
MW-11S	17-Jun-97	96.99		6.11		90.88	3.94	1.02	0.734	2.06	
MW-11S	27-Aug-97	96.99		6.58		90.41	1.79	0.586	0.657	1.2	
MW-11S	5-Nov-97	109.54		6.85		102.69	1	0.05	0.37	0.023	
MW-11S	27-Feb-98	109.54		6.58		102.96	0.19	<0.005	0.033	0.11	
MW-11S	10-Jun-98	109.54		6.29		103.25	0.8	0.014	0.12	<0.001	
MW-11S	8-Oct-98	109.54		6.49		103.05	0.91	0.03	0.4	0.76	
MW-11S	31-Mar-99	109.54		6.42		103.12	0.28	<0.002	0.04	0.012/<0.002	
MW-11S	9-Jun-99	109.54		6.40		103.14	3.7	6.7	0.73	2.77	
MW-11S	2-Sep-99	109.54		7.16		102.38	1.4	0.029	0.43	1.34	
MW-11S	28-Oct-99	109.54		6.84		102.70	0.78	0.038	0.31	0.889	
MW-11S	23-Feb-00	109.54		6.25		103.29	0.0028	<0.001	<0.001	<0.003	
MW-11S	24-May-00	109.54		6.05		103.49	0.018	<0.001	0.0011	<0.003	
MW-11S	15-Aug-00	109.54		6.62		102.92	1.3	0.051	0.42	1.116	
MW-11S	9-Nov-00	109.54		6.35		103.19	0.37	<0.025	0.03	0.097/<0.005	
MW-11S	11-Oct-01	109.54		6.56		102.98	0.78	<0.021	0.44	0.95/<0.01	
MW-11S	14-Mar-02	109.54		5.89		103.65	0.024	<0.001	<0.001	<0.003	
MW-11S	6-Jun-02	109.54		5.43		104.11	0.073	0.0036	0.012	0.0077/<0.001	
MW-11S	30-Aug-02	109.54		6.52		103.02	1.2	0.051	0.55	0.86/<0.01	
MW-11S	6-Dec-02	109.54		6.88		102.66	2.1	0.045	0.67	0.26/<0.02	
MW-11S	6-May-04	109.54		6.59		102.95	0.059	<0.001	<0.001	<0.003	<0.001
MW-11S	21-Apr-05	109.54		6.38		103.16	0.012	<0.001	<0.001	<0.003	<0.001
MW-11S	6-Jan-09	109.54		5.65		103.89	<0.001	<0.001	<0.001	<0.003	<0.001
MW-11S	1-Sep-09	109.54		6.45		103.09					
MW-11S	10-Jan-11	109.54		6.63		102.91					
MW-11S	14-Apr-11	109.54		5.99		103.55	<0.001	<0.001	<0.001	<0.003	<0.001
MW-11D	1-Apr-91	85.90		6.57		79.33	<0.005	<0.005	<0.005	<0.01	
MW-11D	27-Jan-92						<0.002	<0.002	<0.002	<0.005	
MW-11D	24-Aug-92						<0.004	<0.002	<0.002	<0.005	
MW-11D	11-Nov-93	97.02		6.81		90.21	<0.001	<0.001	<0.001	<0.001	
MW-11D	27-Jun-94	97.02		6.95		90.07	0.248	0.0028	0.0637	0.135	
MW-11D	16-Feb-95	97.02		6.70		90.32	0.433	0.0058	0.0407	0.0446	

Table 1
Groundwater Elevation and Analytical Results

Shivam Energy, Inc.
399 West Liberty Street
Wauconda, Lake County, Illinois 60084

Tier I Exposure Routes, COCs, and Groundwater Remediation Objectives							Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	MTBE (mg/L)
GCGIER - Class I Groundwater							0.005	1	0.7	10	0.07
GCGIER - Class II Groundwater							0.025	2.5	1	10	0.07
Sample ID	Date Sampled	Reference Elevation (feet)	Static Depth to Free Product (feet below)	Static Depth to Water (feet below)	Free Product Thickness (feet)	Groundwater Elevation (feet)					
MW-11D	28-Jul-95	97.02		6.49		90.53	0.94	0.0386	0.219	0.215	
MW-11D	22-Mar-96	97.02		7.07		89.95	0.424	0.0075	0.0467	0.0191	
MW-11D	17-Jun-96	97.02		6.12		90.90	0.0482	<0.002	<0.002	<0.005	
MW-11D	25-Sep-96	97.02		6.89		90.13	0.392	0.0077	0.104	0.204	
MW-11D	24-Apr-97	97.02		6.31		90.71	0.339	0.131	0.0807	0.184	
MW-11D	17-Jun-97	97.02		6.32		90.70	1.56	0.368	0.278	0.956	
MW-11D	27-Aug-97	97.02		7.84		89.18	0.311	0.0167	0.0837	0.224	
MW-11D	5-Nov-97	109.58		7.13		102.45	0.17	0.0045	0.09	0.29	
MW-11D	27-Feb-98	109.58		6.23		103.35	0.024	<0.001	<0.001	<0.003	
MW-11D	10-Jun-98	109.58		6.52		103.06	0.02	<0.001	<0.001	<0.003	
MW-11D	8-Oct-98	109.58		6.76		102.82	0.12	0.004	0.038	0.044	
MW-11D	31-Mar-99	109.58		6.90		102.68	0.0034	<0.001	<0.001	<0.003	
MW-11D	9-Jun-99	109.58		6.64		102.94	0.75	1.4	0.14	0.53	
MW-11D	2-Sep-99	109.58		7.22		102.36	0.082	0.0048	0.037	0.1225	
MW-11D	28-Oct-99	109.58		7.10		102.48	0.077	0.0023	0.035	0.1	
MW-11D	23-Feb-00	109.58		6.91		102.67	0.16	0.0012	0.0098	0.1	
MW-11D	24-May-00	109.58		6.49		103.09	0.0011	<0.001	<0.001	<0.003	
MW-11D	15-Aug-00	109.58		7.04		102.54	0.014	<0.001	0.0053	0.011	
MW-11D	9-Nov-00	109.58		6.95		102.63	0.26	<0.012	0.027	0.059	
MW-11D	11-Oct-01	109.58		6.83		102.75	0.017	<0.001	0.0035	<0.003	
MW-11D	14-Mar-02	109.58		6.42		103.16	<0.001	<0.001	<0.001	<0.003	
MW-11D	6-Jun-02	109.58		6.33		103.25	<0.001	<0.001	<0.001	<0.003	
MW-11D	30-Aug-02	109.58		6.74		102.84	0.035	<0.001	0.0012	<0.003	
MW-11D	6-Dec-02	109.58		7.09		102.49	0.001	<0.001	<0.001	<0.003	
MW-11D	6-May-04	109.58		6.80		102.78	0.008	<0.001	<0.001	<0.003	0.0025
MW-11D	21-Apr-05	109.58		6.63		102.95	<0.001	<0.001	<0.001	<0.003	<0.001
MW-11D	6-Jan-09	109.58		6.26		103.32	<0.001	<0.001	<0.001	<0.003	0.0017
MW-11D	1-Sep-09	109.58		6.47		103.11					
MW-11D	10-Jan-11	109.58		6.76		102.82					
MW-11D	14-Apr-11	109.58		6.42		103.16	<0.001	<0.001	<0.001	<0.003	<0.001
MW-12S	1-Apr-91	81.23		2.21		79.02	1.8	0.14	0.11	0.4	
MW-12S	27-Jan-92						0.041	0.002	0.013	0.054	
MW-12S	24-Aug-92						0.2	0.002	0.004	0.005	
MW-12S	19-Jan-93						BDL	BDL	BDL	BDL	
MW-12S	17-Jun-93	92.64		2.60		90.04	0.003	<0.001	<0.001	<0.001	
MW-12S	11-Nov-93	92.64		2.45		90.19	<0.001	<0.001	<0.001	<0.001	
MW-12S	27-Jun-94	92.64		2.52		90.12	0.137	<0.001	<0.001	<0.003	
MW-12S	16-Feb-95	92.64		2.25		90.39	0.0902	<0.002	<0.002	<0.005	
MW-12S	28-Jul-95	92.64		2.10		90.54	0.0137	<0.002	<0.002	<0.005	
MW-12S	22-Mar-96	92.64		2.62		90.02	<0.002	<0.002	<0.002	<0.005	
MW-12S	17-Jun-96	92.64		1.50		91.14	<0.002	<0.002	<0.002	<0.005	
MW-12S	25-Sep-96	92.64		2.36		90.28	<0.002	<0.002	<0.002	<0.005	
MW-12S	24-Apr-97	92.64		1.89		90.75	<0.002	<0.002	<0.002	<0.005	
MW-12S	17-Jun-97	92.64		1.76		90.88	<0.002	<0.002	<0.002	<0.005	
MW-12S	27-Aug-97	92.64		2.24		90.40	<0.002	<0.002	<0.002	<0.005	
MW-12S	5-Nov-97	105.19		2.50		102.69	0.0026	<0.001	<0.001	<0.003	
MW-12S	27-Feb-98	105.19		2.56		102.63	<0.001	<0.001	<0.001	<0.003	
MW-12S	10-Jun-98	105.19		1.90		103.29	<0.001	<0.001	<0.001	<0.003	
MW-12S	8-Oct-98	105.19		2.17		103.02	<0.001	<0.001	<0.001	<0.003	
MW-12S	31-Mar-99	105.19		2.29		102.90	<0.001	<0.001	<0.001	<0.003	
MW-12S	9-Jun-99	105.19		2.13		103.06	0.07	<0.001	<0.001	<0.003	
MW-12S	2-Sep-99	105.19		3.75		101.44	<0.001	<0.001	<0.001	<0.002	
MW-12S	28-Oct-99	105.19		2.58		102.61	0.16	0.0045	0.0043	0.005	
MW-12S	23-Feb-00	105.19		2.33		102.86	0.054	0.0021	0.011	0.012	
MW-12S	24-May-00	105.19		1.92		103.27	0.13	0.0034	0.015	0.017	
MW-12S	15-Aug-00	105.19		2.23		102.96	0.24	0.016	0.053	0.059	
MW-12S	9-Nov-00	105.19		2.15		103.04	0.27	0.037	0.12	0.2133	
MW-12S	11-Oct-01	105.19		2.32		102.87	0.11	0.013	0.12	0.1224	
MW-12S	14-Mar-02	105.19		1.98		103.21	0.18	0.0075	0.041	0.121	
MW-12S	6-Jun-02	105.19		1.80		103.39	0.18	0.023	0.042	0.0061	
MW-12S	30-Aug-02	105.19		2.20		102.99	0.2	0.027	0.077	0.1817	
MW-12S	6-Dec-02	105.19		2.58		102.61	0.051	0.006	0.017	0.079	
MW-12S	6-May-04	105.19		2.40		102.79	0.043	0.0035	<0.001	0.022	0.0012
MW-12S	21-Apr-05	105.19		2.20		102.99	0.027	0.0014	<0.001	0.0097	0.0021
MW-12S	29-Dec-08	105.19		1.00		104.19					
MW-12S	5-Jan-09	105.19		1.84		103.35					
MW-12S	6-Jan-09	105.19					<0.001	<0.001	<0.001	<0.003	<0.001
MW-12S	1-Sep-09	105.19		2.16		103.03					
MW-12S	14-Apr-11	105.19		2.01		103.18	<0.001	<0.001	<0.001	<0.003	<0.001
MW-12D	1-Apr-91	81.36		2.21		79.15	0.074	<0.005	<0.005	<0.01	
MW-12D	27-Jan-92						<0.002	<0.002	<0.002	<0.005	

Table 1
Groundwater Elevation and Analytical Results

Shivam Energy, Inc.
399 West Liberty Street
Wauconda, Lake County, Illinois 60084

Tier 1 Exposure Routes, COCs, and Groundwater Remediation Objectives							Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	MTBE (mg/L)
GCGIER - Class I Groundwater							0.005	1	0.7	10	0.07
GCGIER - Class II Groundwater							0.025	2.5	1	10	0.07
Sample ID	Date Sampled	Reference Elevation (feet)	Static Depth to Free Product (feet below)	Static Depth to Water (feet below)	Free Product Thickness (feet)	Groundwater Elevation (feet)					
MW-12D	24-Aug-92						<0.002	<0.002	<0.002	<0.005	
MW-12D	11-Nov-93	92.79		2.57		90.22	<0.001	<0.001	<0.001	<0.001	
MW-12D	27-Jun-94	92.79		3.38		89.41	<0.001	<0.001	<0.001	<0.003	
MW-12D	16-Feb-95	92.79		2.85		89.94	<0.002	<0.002	<0.002	<0.005	
MW-12D	28-Jul-95	92.79		2.60		90.19	<0.002	<0.002	<0.002	<0.005	
MW-12D	22-Mar-96	92.79		3.15		89.64	<0.002	<0.002	<0.002	<0.005	
MW-12D	17-Jun-96	92.79		2.08		90.71	<0.002	<0.002	<0.002	<0.005	
MW-12D	25-Sep-96	92.79		2.93		89.86	<0.002	<0.002	<0.002	<0.005	
MW-12D	24-Apr-97	92.79		2.30		90.49	<0.002	<0.002	<0.002	<0.005	
MW-12D	17-Jun-97	92.79		2.29		90.50	<0.002	<0.002	<0.002	<0.005	
MW-12D	27-Aug-97	92.79		2.75		90.04	<0.002	<0.002	<0.002	<0.005	
MW-12D	5-Nov-97	105.34		3.13		102.21	<0.001	<0.001	<0.001	<0.003	
MW-12D	27-Feb-98	105.34		1.97		103.37	<0.001	<0.001	<0.001	<0.003	
MW-12D	10-Jun-98	105.34		2.47		102.87	<0.001	<0.001	<0.001	<0.003	
MW-12D	8-Oct-98	105.34		2.86		102.48	<0.001	<0.001	<0.001	<0.003	
MW-12D	31-Mar-99	105.34		2.77		102.57	<0.001	<0.001	<0.001	<0.003	
MW-12D	9-Jun-99	105.34		2.68		102.66	<0.001	<0.001	<0.001	<0.003	
MW-12D	2-Sep-99	105.34		3.31		102.03	<0.001	<0.001	<0.001	<0.002	
MW-12D	28-Oct-99	105.34		3.20		102.14	<0.001	<0.001	<0.001	<0.002	
MW-12D	23-Feb-00	105.34		3.00		102.34	<0.001	<0.001	<0.001	<0.003	
MW-12D	24-May-00	105.34		2.49		102.85	<0.001	<0.001	<0.001	<0.003	
MW-12D	15-Aug-00	105.34		2.82		102.52	<0.001	<0.001	<0.001	<0.003	
MW-12D	9-Nov-00	105.34		2.75		102.59	<0.001	<0.001	<0.001	<0.003	
MW-12D	11-Oct-01	105.34		2.82		102.52	<0.001	<0.001	<0.001	<0.003	
MW-12D	14-Mar-02	105.34		2.50		102.84	<0.001	<0.001	<0.001	<0.003	
MW-12D	6-Jun-02	105.34		2.34		103.00	<0.001	<0.001	<0.001	<0.003	
MW-12D	30-Aug-02	105.34		2.81		102.53	<0.001	<0.001	<0.001	<0.003	
MW-12D	6-Dec-02	105.34		3.20		102.14	<0.001	<0.001	<0.001	<0.003	
MW-12D	6-May-04	105.34		2.96		102.38	<0.001	<0.001	<0.001	<0.003	<0.001
MW-12D	21-Apr-05	105.34		3.73		101.61	<0.001	<0.001	<0.001	<0.03	<0.001
MW-12D	5-Jan-09	105.34		2.31		103.03					
MW-12D	6-Jan-09	105.34					<0.001	<0.001	<0.001	<0.003	<0.001
MW-12D	1-Sep-09	105.34		2.58		102.76					
MW-12D	14-Apr-11	105.34		2.47		102.87	<0.001	<0.001	<0.001	<0.003	<0.001
MW-13	1-Apr-91	85.19		5.24		79.95	2.6	0.3	0.19	0.56	
MW-13	19-Feb-92						1.9	0.01	0.14	0.72	
MW-13	24-Aug-92						14	2.1	0.85	13	
MW-13	19-Jan-93						0.009	BDL	BDL	0.005	
MW-13	17-Jun-93	96.50		6.00		90.50	<0.001	<0.001	<0.001	<0.001	
MW-13	11-Nov-93	96.50		6.28		90.22	0.81	0.054	0.346	4.56	
MW-13	27-Jun-94	96.50		6.29		90.21	0.142	0.0037	0.119	0.413	
MW-13	16-Feb-95	96.50		6.20		90.30	0.0475	<0.002	0.0202	0.129	
MW-13	28-Jul-95	96.50		6.01		90.49	0.41	0.0051	0.56	2.548	
MW-13	22-Mar-96	96.50		6.53		89.97	0.212	0.0092	0.0901	0.973	
MW-13	17-Jun-96	96.50		3.78		92.72	<0.002	<0.002	<0.002	<0.005	
MW-13	25-Sep-96	96.50		6.29		90.21	0.109	0.0261	0.911	9.6	
MW-13	24-Apr-97	96.50		5.80		90.70	<0.002	<0.002	<0.002	<0.005	
MW-13	17-Jun-97	96.50		5.59		90.91	0.0195	<0.002	0.0201	0.107	
MW-13	27-Aug-97	96.50		6.17		90.33	1.4	0.38	0.361	3.65	
MW-13	5-Nov-97	109.12		6.38		102.74	0.16	<0.025	0.67	5.8	
MW-13	27-Feb-98	109.12		5.51		103.61	<0.001	<0.001	<0.001	<0.003	
MW-13	10-Jun-98	109.12		5.78		103.34	0.38	<0.025	0.67	3.4	
MW-13	8-Oct-98	109.12		6.02		103.10	<0.025	<0.025	0.28	3.5	
MW-13	31-Mar-99	109.12		6.17		102.95	0.027	<0.0025	0.11	0.81	
MW-13	9-Jun-99	109.12		6.07		103.05	0.008	0.013	0.13	0.903.3	
MW-13	2-Sep-99	109.12		6.64		102.48	0.23	<0.025	0.12	0.72	
MW-13	28-Oct-99	109.12		6.45		102.67	0.2	<0.01	0.11	0.718	
MW-13	23-Feb-00	109.12		5.50		103.62					
MW-13	24-May-00	109.12		5.91		103.21	0.0073	<0.001	0.0019	0.021	
MW-13	15-Aug-00	109.12		6.24		102.88	0.038	<0.005	0.3	0.5453	
MW-13	9-Nov-00	109.12		6.08		103.04	<0.001	<0.005	0.0014	<0.003	
MW-13	11-Oct-01	109.12		6.21		102.91	0.05	0.0023	0.069	0.0122	
MW-13	14-Mar-02	109.12		5.89		103.23	<0.001	<0.001	<0.001	<0.003	
MW-13	6-Jun-02	109.12		5.06		104.06	0.0077	<0.001	0.009	<0.003	
MW-13	30-Aug-02	109.12		6.15		102.97	0.013	0.0018	0.03	0.0024	
MW-13	6-Dec-02	109.12		6.53		102.59	0.044	<0.01	0.085	<0.03	
MW-13	6-May-04	109.12		6.37		102.75	0.0039	<0.001	0.013	<0.003	<0.001
MW-13	21-Apr-05	109.12		6.27		102.85					
MW-13	22-Apr-05	109.12					0.0077	<0.001	0.039	0.013	<0.001
MW-13	29-Dec-08	109.12		5.00		104.12					
MW-13	5-Jan-09	109.12		5.88		103.24					

Table 1
Groundwater Elevation and Analytical Results

Shivam Energy, Inc.
399 West Liberty Street
Wauconda, Lake County, Illinois 60084

Tier I Exposure Routes, COCs, and Groundwater Remediation Objectives							Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	MTBE (mg/L)
GCGIER - Class I Groundwater							0.005	1	0.7	10	0.07
GCGIER - Class II Groundwater							0.025	2.5	1	10	0.07
Sample ID	Date Sampled	Reference Elevation (feet)	Static Depth to Free Product (feet below)	Static Depth to Water (feet below)	Free Product Thickness (feet)	Groundwater Elevation (feet)					
MW-13	6-Jan-09	109.12					<0.001	<0.001	<0.001	<0.003	<0.001
MW-13	14-Apr-11	109.12		6.18		102.94	0.0345	<0.001	<0.001	<0.003	<0.001
MW-14	27-Jan-92						<0.002	<0.002	<0.002	<0.005	
MW-14	24-Aug-92						<0.002	<0.002	<0.002	<0.005	
MW-14	19-Jan-93						BDL	BDL	BDL	BDL	
MW-14	17-Jun-93	89.62		0.00		89.62	<0.001	<0.001	<0.001	<0.001	
MW-14	11-Nov-93	89.62		0.00		89.62	<0.001	<0.001	<0.001	<0.001	
MW-14	27-Jun-94	89.62		0.00		89.62	<0.001	<0.001	<0.001	<0.003	
MW-14	16-Feb-95	89.62		0.00		89.62	<0.002	<0.002	<0.002	<0.005	
MW-14	28-Jul-95	89.62		0.00		89.62	<0.002	<0.002	<0.002	<0.005	
MW-14	17-Jun-96	89.62		0.03		89.59	<0.002	<0.002	<0.002	<0.005	
MW-14	25-Sep-96	89.62		0.05		89.57	<0.002	<0.002	<0.002	<0.005	
MW-14	24-Apr-97	89.62		0.00		89.62	<0.002	<0.002	<0.002	<0.005	
MW-14	17-Jun-97	89.62		0.00		89.62	<0.002	<0.002	<0.002	<0.005	
MW-14	27-Aug-97	89.62		0.00		89.62	<0.002	<0.002	<0.002	<0.005	
MW-14	5-Nov-97	99.46		0.79		98.67	<0.001	<0.001	<0.001	<0.003	
MW-14	27-Feb-98	99.46		0.00		99.46	<0.001	<0.001	<0.001	<0.003	
MW-14	10-Jun-98	99.46		0.00		99.46	<0.001	<0.001	<0.001	<0.003	
MW-14	8-Oct-98	99.46		0.09		99.37	<0.001	<0.001	<0.001	<0.003	
MW-14	31-Mar-99	99.46		0.00		99.46	<0.001	<0.001	<0.001	<0.003	
MW-14	9-Jun-99	99.46		0.00		99.46	<0.001	<0.001	<0.001	<0.003	
MW-14	2-Sep-99	99.46		0.19		99.27	<0.001	<0.001	<0.001	<0.003	
MW-14	28-Oct-99	99.46		0.00		99.46	<0.001	<0.001	<0.001	<0.003	
MW-14	23-Feb-00	99.46		0.00		99.46	<0.001	<0.001	<0.001	<0.003	
MW-14	24-May-00			0.00			<0.001	<0.001	<0.001	<0.003	
MW-14	15-Aug-00			0.00			<0.001	<0.001	<0.001	<0.003	
MW-14	9-Nov-00			0.00			<0.001	<0.001	<0.001	<0.003	
MW-14	11-Oct-01	99.16		0.02		99.14	<0.001	<0.001	<0.001	<0.003	
MW-14	14-Mar-02	99.16		0.02		99.14	<0.001	<0.001	<0.001	<0.003	
MW-14	6-Jun-02	99.16		0.00		99.16	<0.001	<0.001	<0.001	<0.003	
MW-14	30-Aug-02	99.16		0.00		99.16	<0.001	<0.001	<0.001	<0.003	
MW-14	6-Dec-02	99.16		0.00		99.16	<0.001	<0.001	<0.001	<0.003	
MW-14	6-May-04	99.16		0.00		99.16	<0.001	<0.001	<0.001	<0.003	<0.001
MW-14	21-Apr-05	99.16		0.00		99.16					
MW-14	22-Apr-05	99.16					<0.001	<0.001	<0.001	<0.003	<0.001
MW-14	5-Jan-09	99.16		0.30		98.86					
MW-14	6-Jan-09	99.16					<0.001	<0.001	<0.001	<0.003	<0.001
MW-14	14-Apr-11	99.16		0.24		98.92	<0.001	<0.001	<0.001	<0.003	<0.001
MW-15	27-Jan-92						0.005	<0.002	<0.002	<0.005	
MW-15	24-Aug-92						0.03	<0.002	<0.002	<0.005	
MW-15	19-Jan-93						0.24	BDL	BDL	BDL	
MW-15	17-Jun-93	88.40		0.00		88.40	0.85	<0.001	<0.001	<0.001	
MW-15	11-Nov-93	88.40		0.56		87.84	1.03	<0.001	<0.001	<0.001	
MW-15	27-Jun-94	88.40		0.50		87.90	2.04	<0.001	<0.001	<0.003	
MW-15	16-Feb-95	88.40		0.85		87.55	1.82	<0.002	<0.002	<0.005	
MW-15	28-Jul-95	88.40		0.20		88.20	3.55	<0.002	<0.002	<0.005	
MW-15	22-Mar-96	88.40		0.74		87.66	10.5	<0.002	<0.002	<0.005	
MW-15	17-Jun-96	88.40		0.00		88.40	9.75	<0.002	<0.002	<0.005	
MW-15	25-Sep-96	88.40		0.75		87.65	7.6	<0.002	<0.002	<0.005	
MW-15	24-Apr-97	88.40		0.16		88.24	10.7	0.0084	<0.002	<0.005	
MW-15	17-Jun-97	88.40		0.00		88.40	9.59	0.0381	<0.005	<0.005	
MW-15	27-Aug-97	88.40		0.40		88.00	8.32	<0.05	<0.05	<0.125	
MW-15	5-Nov-97	100.25		0.68		99.57	8.2	<0.05	<0.05	<0.15	
MW-15	27-Feb-98	100.25		0.22		100.03	7.4	<0.1	<0.1	<0.3	
MW-15	10-Jun-98	100.25		0.18		100.07	6.9	<0.1	<0.1	<0.3	
MW-15	8-Oct-98	100.25		0.43		99.82	5.4	<0.05	<0.05	<0.15	
MW-15	31-Mar-99	100.25		1.30		98.95	4.6	<0.025	<0.025	<0.075	
MW-15	9-Jun-99	100.25		1.20		99.05	4.2	0.032	<0.025	<0.075	
MW-15	2-Sep-99	100.25		1.55		98.70	2.9	0.036	0.034	0.079	
MW-15	28-Oct-99	100.25		1.44		98.81	2.5	0.049	0.078	0.165	
MW-15	23-Feb-00	100.25		0.90		99.35	1.2	0.045	0.091	0.2	
MW-15	24-May-00	100.25		0.71		99.54	0.97	0.034	0.11	0.255	
MW-15	15-Aug-00	100.25		0.86		99.39	0.58	0.024	0.12	0.264	
MW-15	9-Nov-00	100.25		0.75		99.50	0.13	0.0074	0.027	0.055	
MW-15	11-Oct-01	100.25		0.84		99.41	0.2	0.012	0.062	0.1125	
MW-15	14-Mar-02	100.25		0.62		99.63	0.21	0.011	0.055	0.0993	
MW-15	6-Jun-02	100.25		0.47		99.78	0.17	0.0055	0.033	0.0688	
MW-15	30-Aug-02	100.25		0.83		99.42	0.22	0.0073	0.04	0.0628	
MW-15	6-Dec-02	100.25		1.11		99.14	0.24	0.0062	0.031	0.0394	
MW-15	6-May-04	100.25		0.95		99.30	0.12	0.004	0.023	0.0063	<0.001
MW-15	21-Apr-05	100.25		0.79		99.46					

Table 1
Groundwater Elevation and Analytical Results

Shivam Energy, Inc.
399 West Liberty Street
Wauconda, Lake County, Illinois 60084

Tier 1 Exposure Routes, COCs, and Groundwater Remediation Objectives							Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	MTBE (mg/L)
GCGIER - Class I Groundwater							0.005	1	0.7	10	0.07
GCGIER - Class II Groundwater							0.025	2.5	1	10	0.07
Sample ID	Date Sampled	Reference Elevation (feet)	Static Depth to Free Product (feet below)	Static Depth to Water (feet below)	Free Product Thickness (feet)	Groundwater Elevation (feet)					
MW-15	22-Apr-05	100.25					0.076	0.0024	<0.001	0.0045	<0.001
MW-15	5-Jan-09	100.25		0.40		99.85					
MW-15	6-Jan-09	100.25					0.0739	0.004	<0.001	0.0135	0.004
MW-15	14-Apr-11	100.25		0.43		99.82	0.411	0.0121	<0.001	0.0284	0.0023
MW-16	27-Jan-92						<0.002	<0.002	<0.002	<0.005	
MW-16	24-Aug-92						<0.002	<0.002	<0.002	<0.005	
MW-16	19-Jan-93						BDL	BDL	BDL	BDL	
MW-16	17-Jun-93	91.82		2.23		89.59	<0.001	<0.001	<0.001	<0.001	
MW-16	11-Nov-93	91.82		2.47		89.35	<0.001	<0.001	<0.001	<0.001	
MW-16	27-Jun-94	91.82		2.59		89.23	<0.001	<0.001	<0.001	<0.003	
MW-16	16-Feb-95	91.82		2.60		89.22	0.0103	<0.002	<0.002	<0.005	
MW-16	28-Jul-95	91.82		2.44		89.38	0.182	<0.002	<0.002	<0.005	
MW-16	22-Mar-96	91.82		3.14		88.68	1.83	<0.002	<0.002	<0.005	
MW-16	17-Jun-96	91.82		1.63		90.19	2.08	<0.002	<0.002	<0.005	
MW-16	25-Sep-96	91.82		2.38		89.44	2.19	<0.002	<0.002	<0.005	
MW-16	24-Apr-97	91.82		7.95		83.87	3.53	<0.002	<0.002	<0.005	
MW-16	17-Jun-97	91.82		4.49		87.33	3.6	<0.002	<0.002	<0.005	
MW-16	27-Aug-97	91.82		5.51		86.31	4.17	0.219	<0.05	0.197	
MW-16	5-Nov-97	101.72		7.75		93.97	3.9	<0.025	<0.025	<0.075	
MW-16	27-Feb-98	101.72		6.28		95.44	4.2	<0.050	<0.05	<0.15	
MW-16	10-Jun-98	101.72		2.36		99.36	3.3	<0.050	<0.05	<0.15	
MW-16	8-Oct-98	101.72		2.55		99.17	5.1	<0.025	<0.025	<0.075	
MW-16	31-Mar-99	101.72		3.47		98.25	4	<0.025	<0.025	<0.075	
MW-16	9-Jun-99	101.72		3.30		98.42	4.6	<0.050	<0.05	<0.15	
MW-16	2-Sep-99	101.72		3.75		97.97	4.4	<0.050	<0.05	<0.1	
MW-16	28-Oct-99	101.72		3.50		98.22	4.4	<0.020	<0.02	<0.04	
MW-16	23-Feb-00	101.72		3.05		98.67	3.3	<0.025	<0.025	<0.075	
MW-16	24-May-00	101.72		2.91		98.81	2.6	<0.025	<0.025	<0.050	
MW-16	15-Aug-00	101.72		3.07		98.65	1.7	<0.010	<0.01	<0.03	
MW-16	9-Nov-00	101.72		3.11		98.61	1.5	<0.050	<0.01	<0.03	
MW-16	11-Oct-01	101.72		3.06		98.66	0.35	<0.050	<0.0025	<0.0075	
MW-16	14-Mar-02	101.72		2.75		98.97	0.017	<0.001	<0.001	<0.003	
MW-16	6-Jun-02	101.72		2.65		99.07	0.2	<0.002	<0.002	<0.006	
MW-16	30-Aug-02	101.72		2.97		98.75	0.13	<0.001	<0.001	<0.003	
MW-16	6-Dec-02	101.72		3.21		98.51	0.12	<0.001	<0.001	<0.003	
MW-16	6-May-04	101.72		3.07		98.65	0.049	<0.001	<0.001	<0.003	0.0034
MW-16	21-Apr-05	101.72		2.95		98.77					
MW-16	22-Apr-05	101.72					0.045	<0.001	<0.001	<0.003	0.0032
MW-16	5-Jan-09	101.72		2.58		99.14					
MW-16	6-Jan-09	101.72					0.0191	<0.001	<0.001	<0.003	<0.001
MW-16	14-Apr-11	101.72		2.62		99.10	0.006	<0.001	<0.001	<0.003	0.0034
MW-17	5-Nov-97	100.91		2.05		98.86	<0.001	<0.001	<0.001	<0.003	
MW-17	27-Feb-98	100.91		1.63		99.28	<0.001	<0.001	<0.001	<0.003	
MW-17	10-Jun-98	100.91		1.58		99.33	<0.001	<0.001	<0.001	<0.003	
MW-17	8-Oct-98	100.91		1.87		99.04	<0.001	<0.001	<0.001	<0.003	
MW-17	31-Mar-99	100.91		2.29		98.62	<0.001	<0.001	<0.001	<0.003	
MW-17	9-Jun-99	100.91		2.15		98.76	<0.001	<0.001	<0.001	<0.003	
MW-17	2-Sep-99	100.91		2.65		98.26	<0.001	<0.001	<0.001	<0.002	
MW-17	28-Oct-99	100.91		2.54		98.37	<0.001	<0.001	<0.001	<0.002	
MW-17	23-Feb-00	100.91		2.04		98.87	<0.001	<0.001	<0.001	<0.003	
MW-17	24-May-00	100.91		1.81		99.10	<0.001	<0.001	<0.001	<0.002	
MW-17	15-Aug-00	100.91		2.07		98.84	<0.001	<0.001	<0.001	<0.003	
MW-17	9-Nov-00	100.91		1.98		98.93	<0.001	<0.005	<0.001	<0.003	
MW-17	11-Oct-01	100.91		2.14		98.77	<0.001	<0.001	<0.001	<0.003	
MW-17	14-Mar-02	100.91		1.81		99.10	<0.001	<0.001	<0.001	<0.003	
MW-17	6-Jun-02	100.91		1.59		99.32	0.0024	<0.001	<0.001	<0.003	
MW-17	30-Aug-02	100.91		2.01		98.90	<0.001	<0.001	<0.001	<0.003	
MW-17	6-Dec-02	100.91		2.34		98.57	<0.001	<0.001	<0.001	<0.003	
MW-17	6-May-04	100.91		2.13		98.78	0.0011	<0.001	<0.001	<0.003	0.053
MW-17	21-Apr-05	100.91		1.99		98.92					
MW-17	22-Apr-05	100.91					0.0041	<0.001	<0.001	<0.003	0.057
MW-17	5-Jan-09	100.91		1.48		99.43					
MW-17	6-Jan-09	100.91					<0.001	<0.001	<0.001	<0.003	0.0128
MW-17	14-Apr-11	100.91		1.60		99.31	<0.001	<0.001	<0.001	<0.003	0.0149
MW-18	5-Nov-97	99.19		5.32		93.87	<0.001	<0.001	<0.001	<0.003	
MW-18	27-Feb-98	99.19		2.63		96.56	<0.001	<0.001	<0.001	<0.003	
MW-18	10-Jun-98	99.19		2.85		96.34	<0.001	<0.001	<0.001	<0.003	
MW-18	8-Oct-98	99.19		6.37		92.82	<0.001	<0.001	<0.001	<0.003	
MW-18	31-Mar-99	99.19		2.81		96.38	<0.001	<0.001	<0.001	<0.003	
MW-18	9-Jun-99	99.19		2.46		96.73	<0.001	<0.001	<0.001	<0.003	
MW-18	2-Sep-99	99.19		4.73		94.46	<0.001	<0.001	<0.001	<0.003	

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Tier I Exposure Routes, COCs, and Groundwater Remediation Objectives							Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	MTBE (mg/L)
GCGHER - Class I Groundwater							0.005	1	0.7	10	0.07
GCGHER - Class II Groundwater							0.025	2.5	1	10	0.07
Sample ID	Date Sampled	Reference Elevation (feet)	Static Depth to Free Product (feet below)	Static Depth to Water (feet below)	Free Product Thickness (feet)	Groundwater Elevation (feet)					
MW-18	28-Oct-99	99.19		3.95		95.24	<0.001	<0.001	<0.001	<0.003	
MW-18	23-Feb-00	99.19		3.25		95.94	<0.001	<0.001	<0.001	<0.003	
MW-18	24-May-00	99.19		2.34		96.85	<0.001	<0.001	<0.001	<0.003	
MW-18	15-Aug-00	99.19		2.98		96.21	<0.001	<0.001	<0.001	<0.003	
MW-18	9-Nov-00	99.19		3.35		95.84	<0.001	<0.005	<0.001	<0.003	
MW-18	11-Oct-01	99.19		3.42		95.77	<0.001	<0.001	<0.001	<0.003	
MW-18	14-Mar-02	99.19		2.40		96.79	<0.001	<0.001	<0.001	<0.003	
MW-18	6-Jun-02	99.19		2.33		96.86	<0.001	<0.001	<0.001	<0.003	
MW-18	30-Aug-02	99.19		3.50		95.69	<0.001	<0.001	<0.001	<0.003	
MW-18	6-Dec-02	99.19		3.54		95.65	<0.001	<0.001	<0.001	<0.003	
MW-18	6-May-04	99.19		2.83		96.36	<0.001	<0.001	<0.001	<0.003	<0.001
MW-18	21-Apr-05	99.19		2.73		96.46					
MW-18	22-Apr-05	99.19					<0.001	<0.001	<0.001	<0.003	<0.001
MW-18	5-Jan-09	99.19		2.34		96.85					
MW-18	6-Jan-09	99.19					<0.001	<0.001	<0.001	<0.003	<0.001
MW-18	14-Apr-11	99.19		2.53		96.66	<0.001	<0.001	<0.001	<0.003	<0.001
MW-19	19-Oct-01	100.62		5.42		95.20	<0.001	<0.001	<0.001	<0.003	
MW-19	14-Mar-02	100.62		3.70		96.92	<0.001	<0.001	<0.001	<0.003	
MW-19	6-Jun-02	100.62		2.90		97.72	<0.001	<0.001	<0.001	<0.003	
MW-19	30-Aug-02	100.62		4.85		95.77	<0.001	<0.001	<0.001	<0.003	
MW-19	6-Dec-02	100.62		5.71		94.91	<0.001	<0.001	<0.001	<0.003	
MW-19	3-May-04	100.62		4.10		96.52	<0.001	<0.001	<0.001	<0.003	<0.001
MW-19	21-Apr-05	100.62		3.77		96.85					
MW-19	22-Apr-05	100.62					<0.001	<0.001	<0.001	<0.003	<0.001
MW-19	5-Jan-09	100.62		3.33		97.29					
MW-19	6-Jan-09	100.62					<0.001	<0.001	<0.001	<0.003	<0.001
MW-19	14-Apr-11	100.62		3.00		97.62	<0.001	<0.001	<0.001	<0.003	<0.001
MW-21	21-Apr-05	102.43		8.79		93.64					
MW-21	22-Apr-05	102.43					<0.001	<0.001	<0.001	<0.003	<0.001
MW-21	5-Jan-09	102.43		6.12		96.31					
MW-21	6-Jan-09	102.43					<0.001	<0.001	<0.001	<0.003	<0.001
MW-21	14-Apr-11	102.43		6.01		96.42	<0.001	<0.001	<0.001	<0.003	<0.001
MW-22	21-Apr-05	107.15		4.62		102.53					
MW-22	22-Apr-05	107.15					<0.001	<0.001	<0.001	<0.003	<0.001
MW-22	6-Jan-09	107.15		4.34		102.81	<0.001	<0.001	<0.001	<0.003	<0.001
MW-22	14-Apr-11	107.15		4.51		102.64	<0.001	<0.001	<0.001	<0.003	<0.001
MW-23	21-Apr-05	104.89		6.90		97.99					
MW-23	22-Apr-05	104.89					<0.001	<0.001	<0.001	<0.003	<0.001
MW-23	5-Jan-09	104.89		6.78		98.11					
MW-23	6-Jan-09	104.89					<0.001	<0.001	<0.001	<0.003	<0.001
MW-23	14-Apr-11	104.89		6.83		98.06	<0.001	<0.001	<0.001	<0.003	<0.001
MW-24	21-Apr-05	105.54		4.35		101.19	<0.001	<0.001	<0.001	<0.003	<0.001
MW-24	1-Sep-09	105.54					Destroyed				
MW-24	14-Apr-11	105.54		4.84		100.70	<0.001	<0.001	<0.001	<0.003	<0.001
MW-25	24-May-05	107.74		4.31		103.43	<0.001	<0.001	<0.001	<0.003	<0.001
MW-25	1-Sep-09	107.74		4.33		103.41					
MW-25	14-Apr-11	107.74		4.10		103.64	<0.001	<0.001	<0.001	<0.003	<0.001
MW-26	21-Apr-05	111.38		7.48		103.90					
MW-26	22-Apr-05	111.38					<0.001	<0.001	<0.001	<0.003	<0.001
MW-26	29-Dec-08	111.38		6.00		105.38					
MW-26	31-Dec-08	111.38		6.94		104.44					
MW-26	5-Jan-09	111.38		7.23		104.15					
MW-26	6-Jan-09	111.38					0.0403	0.0755	0.0048	0.0597	0.0017
MW-26	13-Mar-09	111.38		6.83		104.55					
MW-26	1-Apr-09	111.38		6.72		104.66					
MW-26	19-May-09	111.38		7.32		104.06					
MW-26	16-Jul-09	111.38	7.62	7.66	0.04	103.75					
MW-26	27-Jul-09	111.38	7.59	7.94	0.35	103.71					
MW-26	11-Aug-09	111.38	7.58	8.19	0.61	103.67					
MW-26	18-Aug-09	111.38	7.59	8.25	0.66	103.64					
MW-26	25-Aug-09	111.38	7.58	8.23	0.65	103.66					
MW-26	1-Sep-09	111.38	7.53	7.58	0.05	103.84					
MW-26	10-Sep-09	111.38	7.71	7.78	0.07	103.65					
MW-26	17-Sep-09	111.38	7.78	7.80	0.02	103.60					
MW-26	24-Sep-09	111.38	7.73	7.89	0.16	103.61					
MW-26	1-Oct-09	111.38		7.75		103.63					
MW-26	7-Oct-09	111.38	7.57	7.98	0.41	103.72					
MW-26	23-Oct-09	111.38		7.32		104.06					
MW-26	28-Oct-09	111.38		7.41		103.97					
MW-26	9-Nov-09	111.38	7.58	7.59	0.01	103.80					
MW-26	24-Nov-09	111.38	7.71	7.72	0.01	103.67					

Table 1
Groundwater Elevation and Analytical Results

Shivam Energy, Inc.
399 West Liberty Street
Wauconda, Lake County, Illinois 60084

Tier I Exposure Routes, COCs, and Groundwater Remediation Objectives							Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	MTBE (mg/L)
GCGIER - Class I Groundwater							0.005	1	0.7	10	0.07
GCGIER - Class II Groundwater							0.025	2.5	1	10	0.07
Sample ID	Date Sampled	Reference Elevation (feet)	Static Depth to Free Product (feet below)	Static Depth to Water (feet below)	Free Product Thickness (feet)	Groundwater Elevation (feet)					
MW-26	3-Dec-09	111.38	7.59	7.63	0.04	103.78					
MW-26	8-Dec-09	111.38	7.64	7.69	0.05	103.73					
MW-26	17-Dec-09	111.38	7.55	7.63	0.08	103.81					
MW-26	22-Dec-09	111.38	7.62	7.81	0.19	103.72					
MW-26	28-Dec-09	111.38		7.20		104.18					
MW-26	6-Jan-10	111.38		7.55		103.83					
MW-26	19-Jan-10	111.38		7.68		103.70					
MW-26	25-Jan-10	111.38		7.15		104.23					
MW-26	2-Feb-10	111.38		7.53		103.85					
MW-26	8-Feb-10	111.38		7.62		103.76					
MW-26	18-Mar-10	111.38		7.21		104.17					
MW-26	24-Mar-10	111.38		7.28		104.10					
MW-26	29-Mar-10	111.38		7.42		103.96					
MW-26	21-Apr-10	111.38		7.50		103.88					
MW-26	27-Apr-10	111.38		7.50		103.88					
MW-26	4-May-10	111.38		7.49		103.89					
MW-26	10-May-10	111.38		7.47		103.91					
MW-26	19-May-10	111.38		7.27		104.11					
MW-26	25-May-10	111.38		7.43		103.95					
MW-26	2-Jun-10	111.38		7.39		103.99					
MW-26	8-Jun-10	111.38		7.33		104.05					
MW-26	16-Jun-10	111.38		7.43		103.95					
MW-26	22-Jun-10	111.38		7.43		103.95					
MW-26	30-Jun-10	111.38		7.40		103.98					
MW-26	6-Jul-10	111.38		7.57		103.81					
MW-26	13-Jul-10	111.38	7.53	7.54	0.01	103.85					
MW-26	20-Jul-10	111.38		7.65		103.73					
MW-26	27-Jul-10	111.38	7.39	7.40	0.01	103.99					
MW-26	18-Aug-10	111.38		7.47		103.91					
MW-26	24-Aug-10	111.38	7.53	7.54	0.01	103.85					
MW-26	31-Aug-10	111.38		7.60		103.78					
MW-26	21-Sep-10	111.38	7.66	7.68	0.02	103.72					
MW-26	30-Sep-10	111.38	7.71	7.73	0.02	103.67					
MW-26	12-Oct-10	111.38	7.78	8.04	0.26	103.54					
MW-26	3-Nov-10	111.38	7.73	8.08	0.35	103.57					
MW-26	15-Nov-10	111.38	7.78	8.11	0.33	103.53					
MW-26	2-Dec-10	111.38	7.73	8.34	0.61	103.52					
MW-26	10-Dec-10	111.38	7.75	8.21	0.46	103.53					
MW-26	22-Dec-10	111.38	7.81	8.58	0.77	103.40					
MW-26	27-Dec-10	111.38	7.82	8.63	0.81	103.38					
MW-26	29-Dec-10	111.38	8.11	8.59	0.48	103.16					
MW-26	5-Jan-11	111.38	7.87	8.14	0.27	103.45					
MW-26	5-Jan-11^	111.38		8.02		103.36					
MW-26	13-Jan-11	111.38	8.04	8.06	0.02	103.34					
MW-26	13-Jan-11^	111.38		8.17		103.21					
MW-26	17-Jan-11	111.38	7.99	8.43	0.44	103.29					
MW-26	28-Jan-11	111.38	7.98	8.76	0.78	103.23					
MW-26	28-Jan-11^	111.38		8.48		102.90					
MW-26	7-Feb-11	111.38		8.05		103.33					
MW-26	22-Feb-11	111.38		Well unable to be located							
MW-26	2-Mar-11	111.38		7.52		103.86					
MW-26	7-Mar-11	111.38		7.50		103.88					
MW-26	14-Mar-11	111.38		7.45		103.93					
MW-26	21-Mar-11	111.38		7.10		104.28					
MW-26	28-Mar-11	111.38		7.39		103.99					
MW-26	5-Apr-11	111.38		7.52		103.86					
MW-26	12-Apr-11	111.38	7.42	7.43	0.01	103.95					
MW-26	14-Apr-11	111.38		7.52		103.86	0.002	0.013	0.0094	0.0581	-0.001
MW-26	19-Apr-11	111.38		7.15		104.23					
MW-26	26-Apr-11	111.38		6.93		104.45					
MW-26	5-May-11	111.38		7.38		104.00					
MW-26	11-May-11	111.38		7.54		103.84					
MW-26	17-May-11	111.38		7.55		103.83					
MW-26	23-May-11	111.38		7.20		104.18					
MW-26	2-Jun-11	111.38		7.30		104.08					
MW-26	27-Jun-11	111.38		7.58		103.80					
MW-26	6-Jul-11	111.38		7.72		103.66					
MW-26	18-Jul-11	111.38		7.83		103.55					
MW-26	26-Jul-11	111.38		7.52		103.86					
MW-26	2-Aug-11	111.38		7.51		103.87					
MW-26	9-Aug-11	111.38		7.44		103.94					

Table 1
Groundwater Elevation and Analytical Results

Shivam Energy, Inc.
399 West Liberty Street
Wauconda, Lake County, Illinois 60084

Tier I Exposure Routes, COCs, and Groundwater Remediation Objectives							Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	MTBE (mg/L)
GCGIER - Class I Groundwater							0.005	1	0.7	10	0.07
GCGIER - Class II Groundwater							0.025	2.5	1	10	0.07
Sample ID	Date Sampled	Reference Elevation (feet)	Static Depth to Free Product (feet below)	Static Depth to Water (feet below)	Free Product Thickness (feet)	Groundwater Elevation (feet)					
MW-26	15-Aug-11	111.38		7.58		103.80					
MW-26	22-Aug-11	111.38		7.50		103.88					
MW-26	29-Aug-11	111.38		7.63		103.75					
MW-26	13-Sep-11	111.38		7.83		103.55					
MW-27	21-Apr-05	111.15		7.54		103.61	0.048	0.0095	0.15	0.68	0.016
MW-27	29-Dec-08	111.15	Sheen	6.83	Sheen	104.32					
MW-27	31-Dec-08	111.15	6.97	7.03	0.06	104.17					
MW-27	5-Jan-09	111.15	7.25	7.35	0.10	103.88					
MW-27	9-Jan-09	111.15	7.29	7.39	0.10	103.84					
MW-27	27-Jan-09	111.15	7.59	7.72	0.13	103.53					
MW-27	30-Jan-09	111.15	7.66	7.68	0.02	103.49					
MW-27	26-Feb-09	111.15	7.28	7.36	0.08	103.85					
MW-27	9-Mar-09	111.15		6.50		104.65					
MW-27	13-Mar-09	111.15	6.82	6.83	0.00	104.33					
MW-27	1-Apr-09	111.15		6.71		104.44					
MW-27	19-May-09	111.15	7.37	7.39	0.02	103.78					
MW-27	16-Jul-09	111.15	7.42	8.34	0.92	103.53					
MW-27	1-Sep-09	111.15	7.43	7.73	0.30	103.65					
MW-27	10-Sep-09	111.15	7.55	7.56	0.01	103.60					
MW-27	17-Sep-09	111.15	7.56	7.58	0.02	103.59					
MW-27	24-Sep-09	111.15		7.53		103.62					
MW-27	1-Oct-09	111.15		7.59		103.56					
MW-27	7-Oct-09	111.15	7.53	7.84	0.31	103.55					
MW-27	23-Oct-09	111.15	7.30	7.53	0.23	103.80					
MW-27	28-Oct-09	111.15	7.39	7.58	0.19	103.72					
MW-27	9-Nov-09	111.15	7.51	7.78	0.27	103.58					
MW-27	24-Nov-09	111.15	7.60	8.07	0.47	103.45					
MW-27	3-Dec-09	111.15	7.53	7.87	0.34	103.55					
MW-27	8-Dec-09	111.15	7.56	7.96	0.40	103.50					
MW-27	17-Dec-09	111.15	7.49	7.77	0.28	103.60					
MW-27	22-Dec-09	111.15	7.55	7.94	0.39	103.51					
MW-27	28-Dec-09	111.15		7.20		103.95					
MW-27	6-Jan-10	111.15	7.51	7.53	0.02	103.64					
MW-27	11-Jan-10	111.15		7.65		103.50					
MW-27	19-Jan-10	111.15	7.63	7.65	0.02	103.52					
MW-27	25-Jan-10	111.15		7.13		104.02					
MW-27	2-Feb-10	111.15	7.51	7.53	0.02	103.64					
MW-27	8-Feb-10	111.15	7.60	7.63	0.03	103.54					
MW-27	16-Feb-10	111.15	7.72	7.74	0.02	103.43					
MW-27	22-Feb-10	111.15	7.50	7.72	0.22	103.60					
MW-27	1-Mar-10	111.15		7.48		103.67					
MW-27	8-Mar-10	111.15	7.37	7.61	0.24	103.73					
MW-27	18-Mar-10	111.15		7.23		103.92					
MW-27	24-Mar-10	111.15		7.29		103.86					
MW-27	29-Mar-10	111.15	7.42	7.43	0.01	103.73					
MW-27	21-Apr-10	111.15	7.46	7.56	0.10	103.67					
MW-27	27-Apr-10	111.15	7.48	7.61	0.13	103.64					
MW-27	4-May-10	111.15	7.49	7.61	0.12	103.63					
MW-27	10-May-10	111.15	7.45	7.54	0.09	103.68					
MW-27	19-May-10	111.15	7.25	7.37	0.12	103.87					
MW-27	25-May-10	111.15	7.39	7.51	0.12	103.73					
MW-27	2-Jun-10	111.15	7.42	7.46	0.04	103.72					
MW-27	8-Jun-10	111.15	7.35	7.38	0.03	103.79					
MW-27	16-Jun-10	111.15	7.40	7.58	0.18	103.71					
MW-27	22-Jun-10	111.15	7.34	7.75	0.41	103.72					
MW-27	30-Jun-10	111.15	7.30	7.86	0.56	103.73					
MW-27	6-Jul-10	111.15		7.37		103.78					
MW-27	13-Jul-10	111.15	7.35	8.11	0.76	103.63					
MW-27	20-Jul-10	111.15	7.46	7.47	0.01	103.69					
MW-27	27-Jul-10	111.15	7.33	7.65	0.32	103.75					
MW-27	18-Aug-10	111.15	7.29	8.12	0.83	103.68					
MW-27	24-Aug-10	111.15	7.31	8.12	0.81	103.66					
MW-27	31-Aug-10	111.15	7.40	7.46	0.06	103.74					
MW-27	21-Sep-10	111.15		7.46		103.69					
MW-27	30-Sep-10	111.15		7.49		103.66					
MW-27	12-Oct-10	111.15	7.59	8.50	0.91	103.36					
MW-27	3-Nov-10	111.15	7.61	8.42	0.81	103.36					
MW-27	15-Nov-10	111.15	7.58	8.37	0.79	103.40					
MW-27	2-Dec-10	111.15	7.67	8.38	0.71	103.32					
MW-27	10-Dec-10	111.15	7.63	8.40	0.77	103.35					
MW-27	22-Dec-10	111.15	7.71	8.66	0.95	103.23					

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Tier I Exposure Routes, COCs, and Groundwater Remediation Objectives							Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	MTBE (mg/L)
GCGIER - Class I Groundwater							0.005	1	0.7	10	0.07
GCGIER - Class II Groundwater							0.025	2.5	1	10	0.07
Sample ID	Date Sampled	Reference Elevation (feet)	Static Depth to Free Product (feet below)	Static Depth to Water (feet below)	Free Product Thickness (feet)	Groundwater Elevation (feet)					
MW-27	27-Dec-10	111.15	7.74	8.63	0.89	103.21					
MW-27	29-Dec-10	111.15	8.36	8.59	0.23	102.74					
MW-27	5-Jan-11	111.15	7.64	8.22	0.58	103.38					
MW-27	5-Jan-11^	111.15	8.25	8.39	0.14	102.87					
MW-27	10-Jan-11	111.15		7.69		103.46					
MW-27	13-Jan-11	111.15	7.75	8.52	0.77	103.23					
MW-27	13-Jan-11^	111.15	8.12	8.13	0.01	103.03					
MW-27	17-Jan-11	111.15	7.74	8.63	0.89	103.21					
MW-27	28-Jan-11	111.15		7.79		103.36					
MW-27	28-Jan-11^	111.15	7.93	8.80	0.87	103.03					
MW-27	7-Feb-11	111.15		7.91		109.41					
MW-27	22-Feb-11	111.15	7.22	7.31	0.09	103.91					
MW-27	2-Mar-11	111.15	7.50	7.61	0.11	103.63					
MW-27	7-Mar-11	111.15	7.55	7.62	0.07	103.58					
MW-27	14-Mar-11	111.15	7.37	7.38	0.01	103.78					
MW-27	21-Mar-11	111.15	6.93	6.95	0.02	104.22					
MW-27	28-Mar-11	111.15		7.32		109.54					
MW-27	5-Apr-11	111.15	7.44	7.45	0.01	103.71					
MW-27	12-Apr-11	111.15	7.37	7.40	0.03	103.77					
MW-27	14-Apr-11	111.15	7.44	7.45	0.01	103.71					
MW-27	19-Apr-11	111.15		7.10		109.59					
MW-27	26-Apr-11	111.15		6.90		109.63					
MW-27	5-May-11	111.15		7.33		109.54					
MW-27	11-May-11	111.15		7.46		109.51					
MW-27	17-May-11	111.15		7.48		109.50					
MW-27	23-May-11	111.15		7.12		109.58					
MW-27	2-Jun-11	111.15		7.23		109.56					
MW-27	27-Jun-11	111.15	7.50	7.51	0.01	103.65					
MW-27	6-Jul-11	111.15	7.63	7.65	0.02	103.52					
MW-27	18-Jul-11	111.15	7.75	7.82	0.07	103.38					
MW-27	26-Jul-11	111.15	7.42	7.49	0.07	103.71					
MW-27	2-Aug-11	111.15	7.43	7.45	0.02	103.72					
MW-27	9-Aug-11	111.15		7.21		109.56					
MW-27	15-Aug-11	111.15	7.49	7.52	0.03	103.65					
MW-27	22-Aug-11	111.15		7.42		109.52					
MW-27	29-Aug-11	111.15	7.54	7.58	0.04	103.60					
MW-27	13-Sep-11	111.15	7.70	7.76	0.06	103.44					
MW-28	21-Apr-05	112.55		8.10		104.45					
MW-28	22-Apr-05	112.55					<0.001	<0.001	<0.001	<0.003	<0.001
MW-28	5-Jan-09	112.55		7.80		104.75					
MW-28	6-Jan-09	112.55					<0.001	<0.001	<0.001	<0.003	<0.001
MW-28	1-Sep-09	112.55		8.02		104.53					
MW-28	14-Apr-11	112.55		7.91		104.64	<0.001	<0.001	<0.001	<0.003	<0.001
MW-29	19-May-09		7.32	9.39	2.07						
MW-29	17-Jun-09		7.55	8.65	1.10						
MW-29	16-Jul-09		7.84	9.10	1.26						
MW-29	27-Jul-09		7.76	8.86	1.10						
MW-29	11-Aug-09		8.26	8.27	0.01						
MW-29	18-Aug-09		8.29	8.44	0.15						
MW-29	25-Aug-09		8.21	8.28	0.07						
MW-29	1-Sep-09		7.75	8.96	1.21						
MW-29	10-Sep-09		7.88	9.16	1.28						
MW-29	17-Sep-09		8.27	8.41	0.14						
MW-29	24-Sep-09		8.26	8.27	0.01						
MW-29	1-Oct-09			8.30							
MW-29	7-Oct-09		8.09	8.11	0.02						
MW-29	23-Oct-09		7.75	7.86	0.11						
MW-29	28-Oct-09		7.84	8.26	0.42						
MW-29	9-Nov-09		7.80	8.95	1.15						
MW-29	24-Nov-09		7.93	9.03	1.10						
MW-29	3-Dec-09		7.84	8.82	0.98						
MW-29	8-Dec-09		7.86	8.74	0.88						
MW-29	17-Dec-09		7.90	8.60	0.70						
MW-29	22-Dec-09		7.95	8.80	0.85						
MW-29	28-Dec-09		7.61	7.63	0.02						
MW-29	6-Jan-10		7.80	8.73	0.93						
MW-29	11-Jan-10		7.80	9.17	1.37						
MW-29	19-Jan-10		7.85	9.20	1.35						
MW-29	25-Jan-10		7.55	7.63	0.08						
MW-29	2-Feb-10		7.82	8.77	0.95						
MW-29	8-Feb-10		7.85	8.89	1.04						

**Table 1
Groundwater Elevation and Analytical Results**

Shivam Energy, Inc.
399 West Liberty Street
Wauconda, Lake County, Illinois 60084

Tier I Exposure Routes, COCs, and Groundwater Remediation Objectives							Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	MTBE (mg/L)
GCGIER - Class I Groundwater							0.005	1	0.7	10	0.07
GCGIER - Class II Groundwater							0.025	2.5	1	10	0.07
Sample ID	Date Sampled	Reference Elevation (feet)	Static Depth to Free Product (feet below)	Static Depth to Water (feet below)	Free Product Thickness (feet)	Groundwater Elevation (feet)					
MW-29	16-Feb-10		7.93	8.97	1.04						
MW-29	22-Feb-10		7.85	8.45	0.60						
MW-29	1-Mar-10		7.87	8.64	0.77						
MW-29	8-Mar-10		7.71	8.16	0.45						
MW-29	18-Mar-10		7.62	7.77	0.15						
MW-29	24-Mar-10		7.65	7.73	0.08						
MW-29	29-Mar-10		7.78	7.85	0.07						
MW-29	21-Apr-10		7.18	7.23	0.05						
MW-29	27-Apr-10		7.86	8.45	0.59						
MW-29	4-May-10		7.76	8.71	0.95						
MW-29	10-May-10		7.83	8.40	0.57						
MW-29	19-May-10		7.56	8.50	0.94						
MW-29	25-May-10		7.71	8.52	0.81						
MW-29	2-Jun-10		7.70	8.40	0.70						
MW-29	8-Jun-10		7.72	8.36	0.64						
MW-29	16-Jun-10		7.70	8.50	0.80						
MW-29	22-Jun-10		6.95	7.22	0.27						
MW-29	30-Jun-10		7.00	7.21	0.21						
MW-29	6-Jul-10		6.96	7.19	0.23						
MW-29	13-Jul-10		6.99	7.14	0.15						
MW-29	20-Jul-10		6.97	7.19	0.22						
MW-29	27-Jul-10		7.03	7.16	0.13						
MW-29	18-Aug-10		7.00	7.18	0.18						
MW-29	24-Aug-10		7.01	7.15	0.14						
MW-29	31-Aug-10		7.02	7.17	0.15						
MW-29	21-Sep-10		7.04	7.19	0.15						
MW-29	30-Sep-10		7.11	7.24	0.13						
MW-29	12-Oct-10		7.25	7.40	0.15						
MW-29	3-Nov-10		8.23	8.53	0.30						
MW-29	15-Nov-10		8.21	8.54	0.33						
MW-29	2-Dec-10		8.25	8.56	0.31						
MW-29	10-Dec-10		8.29	8.52	0.23						
MW-29	22-Dec-10		8.41	8.43	0.02						
MW-29	27-Dec-10		7.74	8.63	0.89						
MW-29	29-Dec-10		8.12	8.45	0.33						
MW-29	5-Jan-11		8.18	8.95	0.77						
MW-29	5-Jan-11^		8.68	8.71	0.03						
MW-29	13-Jan-11		8.45	8.72	0.27						
MW-29	13-Jan-11^		8.73	8.78	0.05						
MW-29	17-Jan-11		8.42	8.68	0.26						
MW-29	28-Jan-11		8.52	8.67	0.15						
MW-29	28-Jan-11^			8.90							
MW-29	7-Feb-11		8.64	8.72	0.08						
MW-29	22-Feb-11			7.72							
MW-29	2-Mar-11		7.85	7.99	0.14						
MW-29	7-Mar-11		7.78	7.86	0.08						
MW-29	14-Mar-11		7.70	8.29	0.59						
MW-29	21-Mar-11			7.34							
MW-29	28-Mar-11			7.65							
MW-29	5-Apr-11			7.60							
MW-29	12-Apr-11		7.61	8.74	1.13						
MW-29	14-Apr-11		7.68	8.77	1.09						
MW-29	19-Apr-11		8.21	8.40	0.19						
MW-29	26-Apr-11		7.19	7.50	0.31						
MW-29	5-May-11		7.63	8.34	0.71						
MW-29	11-May-11		7.70	8.81	1.11						
MW-29	17-May-11		7.93	8.24	0.31						
MW-29	23-May-11		7.58	7.63	0.05						
MW-29	2-Jun-11		7.57	8.25	0.68						
MW-29	27-Jun-11		7.68	9.02	1.34						
MW-29	6-Jul-11		7.55	7.96	0.41						
MW-29	18-Jul-11		8.06	9.12	1.06						
MW-29	26-Jul-11		7.79	8.55	0.76						
MW-29	2-Aug-11		7.73	8.53	0.80						
MW-29	9-Aug-11		7.72	8.46	0.74						
MW-29	15-Aug-11		7.92	8.13	0.21						
MW-29	22-Aug-11		7.84	8.16	0.32						
MW-29	29-Aug-11		7.85	8.67	0.82						
MW-29	13-Sep-11		8.15	8.60	0.45						
MW-30	19-May-09		7.46	7.54	0.08						
MW-30	17-Jun-09		7.29	8.19	0.90						

Table 1
Groundwater Elevation and Analytical Results

Shivam Energy, Inc.
399 West Liberty Street
Wauconda, Lake County, Illinois 60084

Tier I Exposure Routes, COCs, and Groundwater Remediation Objectives							Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	MTBE (mg/L)
GCGIER - Class I Groundwater							0.005	1	0.7	10	0.07
GCGIER - Class II Groundwater							0.025	2.5	1	10	0.07
Sample ID	Date Sampled	Reference Elevation (feet)	Static Depth to Free Product (feet below)	Static Depth to Water (feet below)	Free Product Thickness (feet)	Groundwater Elevation (feet)					
MW-30	16-Jul-09		7.54	8.55	1.01						
MW-30	25-Aug-09		7.66	8.54	0.88						
MW-30	1-Sep-09		7.58	7.91	0.33						
MW-30	10-Sep-09		7.65	8.52	0.87						
MW-30	17-Sep-09			7.68							
MW-30	24-Sep-09			7.69							
MW-30	1-Oct-09			7.72							
MW-30	7-Oct-09		7.64	7.65	0.01						
MW-30	23-Oct-09		7.41	7.64	0.23						
MW-30	28-Oct-09		7.54	7.71	0.17						
MW-30	9-Nov-09		7.67	7.83	0.16						
MW-30	24-Nov-09		7.81	7.95	0.14						
MW-30	3-Dec-09		7.70	7.93	0.23						
MW-30	8-Dec-09		7.71	7.80	0.09						
MW-30	17-Dec-09		7.63	7.72	0.09						
MW-30	22-Dec-09		7.73	8.00	0.27						
MW-30	28-Dec-09		7.27	7.33	0.06						
MW-30	6-Jan-10		7.63	7.74	0.11						
MW-30	11-Jan-10		7.73	7.83	0.10						
MW-30	19-Jan-10		7.77	7.82	0.05						
MW-30	25-Jan-10			7.23							
MW-30	2-Feb-10		7.63	7.68	0.05						
MW-30	8-Feb-10		7.72	7.88	0.16						
MW-30	16-Feb-10		7.78	7.82	0.04						
MW-30	22-Feb-10		7.67	7.70	0.03						
MW-30	1-Mar-10		7.67	7.70	0.03						
MW-30	8-Mar-10		7.54	7.57	0.03						
MW-30	18-Mar-10		7.32	7.35	0.03						
MW-30	24-Mar-10		7.40	7.46	0.06						
MW-30	29-Mar-10		7.52	7.57	0.05						
MW-30	21-Apr-10		7.60	7.72	0.12						
MW-30	27-Apr-10		7.62	7.73	0.11						
MW-30	4-May-10		7.61	7.72	0.11						
MW-30	10-May-10		7.57	7.67	0.10						
MW-30	19-May-10		7.37	7.46	0.09						
MW-30	25-May-10		7.53	7.60	0.07						
MW-30	2-Jun-10		7.53	7.60	0.07						
MW-30	8-Jun-10		7.45	7.54	0.09						
MW-30	16-Jun-10		7.54	7.62	0.08						
MW-30	22-Jun-10		7.41	8.03	0.62						
MW-30	30-Jun-10		7.37	8.18	0.81						
MW-30	6-Jul-10		7.49	7.51	0.02						
MW-30	13-Jul-10			7.51							
MW-30	20-Jul-10		7.60	8.38	0.78						
MW-30	27-Jul-10			7.45							
MW-30	18-Aug-10		7.37	8.30	0.93						
MW-30	24-Aug-10			7.40							
MW-30	31-Aug-10		7.45	7.51	0.06						
MW-30	21-Sep-10			7.52							
MW-30	30-Sep-10			7.60							
MW-30	12-Oct-10		7.58	8.71	1.13						
MW-30	3-Nov-10		7.69	8.59	0.90						
MW-30	15-Nov-10		7.50	8.43	0.93						
MW-30	2-Dec-10		7.74	8.59	0.85						
MW-30	10-Dec-10		7.71	8.55	0.84						
MW-30	22-Dec-10		7.90	8.89	0.99						
MW-30	27-Dec-10		7.84	8.82	0.98						
MW-30	29-Dec-10		7.97	8.48	0.51						
MW-30	5-Jan-11		7.74	8.40	0.66						
MW-30	5-Jan-11^		8.19	8.20	0.01						
MW-30	10-Jan-11			7.80							
MW-30	13-Jan-11		7.86	8.73	0.87						
MW-30	13-Jan-11^			8.29							
MW-30	17-Jan-11		7.88	8.84	0.96						
MW-30	28-Jan-11		7.91	8.95	1.04						
MW-30	28-Jan-11^		8.25	8.27	0.02						
MW-30	7-Feb-11		7.97	9.09	1.12						
MW-30	22-Feb-11		7.35	7.37	0.02						
MW-30	2-Mar-11		7.56	7.58	0.02						
MW-30	7-Mar-11		7.46	7.49	0.03						
MW-30	14-Mar-11		7.48	7.49	0.01						

Table 1
Groundwater Elevation and Analytical Results

Shivam Energy, Inc.
399 West Liberty Street
Wauconda, Lake County, Illinois 60084

Tier 1 Exposure Routes, COCs, and Groundwater Remediation Objectives							Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	MTBE (mg/L)
GCGIER - Class I Groundwater							0.005	1	0.7	10	0.07
GCGIER - Class II Groundwater							0.025	2.5	1	10	0.07
Sample ID	Date Sampled	Reference Elevation (feet)	Static Depth to Free Product (feet below)	Static Depth to Water (feet below)	Free Product Thickness (feet)	Groundwater Elevation (feet)					
MW-30	21-Mar-11		6.99	7.00	0.01						
MW-30	28-Mar-11			7.43							
MW-30	5-Apr-11		7.56	7.58	0.02						
MW-30	12-Apr-11		7.49	7.51	0.02						
MW-30	14-Apr-11			7.55							
MW-30	19-Apr-11			7.20							
MW-30	26-Apr-11		Sheen	6.96	Sheen						
MW-30	5-May-11			7.44							
MW-30	11-May-11		7.58	7.60	0.02						
MW-30	17-May-11		7.61	7.63	0.02						
MW-30	23-May-11			7.23							
MW-30	2-Jun-11			7.33							
MW-30	27-Jun-11		7.62	7.64	0.02						
MW-30	6-Jul-11		7.76	7.78	0.02						
MW-30	18-Jul-11		7.91	7.93	0.02						
MW-30	26-Jul-11		7.57	7.59	0.02						
MW-30	2-Aug-11		7.55	7.57	0.02						
MW-30	9-Aug-11		7.50	7.53	0.03						
MW-30	15-Aug-11		7.62	7.64	0.02						
MW-30	22-Aug-11			7.54							
MW-30	29-Aug-11		7.66	7.69	0.03						
MW-30	13-Sep-11		7.84	7.89	0.05						
MW-31	19-May-09			7.36							
MW-31	17-Jun-09		7.36	7.86	0.50						
MW-31	16-Jul-09		7.80	7.82	0.02						
MW-31	27-Jul-09		7.83	7.87	0.04						
MW-31	11-Aug-09		7.87	7.90	0.03						
MW-31	18-Aug-09		7.66	8.32	0.66						
MW-31	25-Aug-09		7.71	8.03	0.32						
MW-31	1-Sep-09		7.54	7.87	0.33						
MW-31	10-Sep-09		7.66	8.03	0.37						
MW-31	17-Sep-09		7.81	7.86	0.05						
MW-31	24-Sep-09			7.83							
MW-31	1-Oct-09			7.81							
MW-31	7-Oct-09		7.70	7.71	0.01						
MW-31	23-Oct-09		8.02	8.03	0.01						
MW-31	28-Oct-09		7.69	7.73	0.04						
MW-31	9-Nov-09		7.75	7.96	0.21						
MW-31	24-Nov-09		7.80	7.81	0.01						
MW-31	3-Dec-09		7.83	7.94	0.11						
MW-31	8-Dec-09		7.81	7.90	0.09						
MW-31	17-Dec-09		7.67	7.69	0.02						
MW-31	22-Dec-09		7.80	8.13	0.33						
MW-31	28-Dec-09		7.95	8.03	0.08						
MW-31	6-Jan-10		7.47	7.57	0.10						
MW-31	11-Jan-10		7.40	7.50	0.10						
MW-31	19-Jan-10		7.41	7.50	0.09						
MW-31	25-Jan-10			7.23							
MW-31	2-Feb-10			7.65							
MW-31	8-Feb-10		7.61	7.88	0.27						
MW-31	16-Feb-10		7.77	7.97	0.20						
MW-31	22-Feb-10		7.56	7.91	0.35						
MW-31	1-Mar-10		7.54	7.82	0.28						
MW-31	8-Mar-10		7.46	7.68	0.22						
MW-31	18-Mar-10		7.28	7.36	0.08						
MW-31	24-Mar-10		7.30	7.36	0.06						
MW-31	29-Mar-10		7.32	7.37	0.05						
MW-31	21-Apr-10		7.40	7.49	0.09						
MW-31	27-Apr-10		7.54	7.63	0.09						
MW-31	4-May-10		7.41	7.43	0.02						
MW-31	10-May-10		7.39	7.43	0.04						
MW-31	19-May-10		7.43	7.75	0.32						
MW-31	2-Jun-10		7.20	7.22	0.02						
MW-31	8-Jun-10		7.21	7.23	0.02						
MW-31	16-Jun-10		7.19	7.21	0.02						
MW-31	22-Jun-10		6.22	6.24	0.02						
MW-31	30-Jun-10		6.21	6.23	0.02						
MW-31	6-Jul-10		6.22	6.24	0.02						
MW-31	13-Jul-10		6.21	6.23	0.02						
MW-31	20-Jul-10		6.22	6.24	0.02						
MW-31	27-Jul-10		6.24	6.26	0.02						

Table 1
Groundwater Elevation and Analytical Results

Shivam Energy, Inc.
399 West Liberty Street
Wauconda, Lako County, Illinois 60084

Tier I Exposure Routes, COCs, and Groundwater Remediation Objectives							Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	MTBE (mg/L)
GCGIER - Class I Groundwater							0.005	1	0.7	10	0.07
GCGIER - Class II Groundwater							0.025	2.5	1	10	0.07
Sample ID	Date Sampled	Reference Elevation (feet)	Static Depth to Free Product (feet below)	Static Depth to Water (feet below)	Free Product Thickness (feet)	Groundwater Elevation (feet)					
MW-31	18-Aug-10		6.20	6.23	0.03						
MW-31	24-Aug-10		6.18	6.21	0.03						
MW-31	31-Aug-10		6.20	6.23	0.03						
MW-31	21-Sep-10		6.18	6.21	0.03						
MW-31	30-Sep-10		6.18	6.21	0.03						
MW-31	12-Oct-10		6.16	6.19	0.03						
MW-31	3-Nov-10		7.88	8.27	0.39						
MW-31	15-Nov-10		7.73	8.11	0.38						
MW-31	2-Dec-10		7.76	8.13	0.37						
MW-31	10-Dec-10		7.73	8.10	0.37						
MW-31	22-Dec-10			6.10							
MW-31	27-Dec-10			6.11							
MW-31	10-Jan-11			7.85							
MW-31	13-Jan-11		8.09	8.74	0.65						
MW-31	13-Jan-11^		8.10	8.12	0.02						
MW-31	17-Jan-11		8.02	8.51	0.49						
MW-31	28-Jan-11		7.92	8.63	0.71						
MW-31	28-Jan-11^		7.95	8.83	0.88						
MW-31	7-Feb-11		Unable to be located - buried under snow								
MW-31	22-Feb-11		6.67	6.69	0.02						
MW-31	2-Mar-11		7.77	7.80	0.03						
MW-31	7-Mar-11		7.68	7.71	0.03						
MW-31	14-Mar-11		7.40	7.58	0.18						
MW-31	21-Mar-11			7.05							
MW-31	28-Mar-11			6.32							
MW-31	5-Apr-11			6.30							
MW-31	12-Apr-11		7.56	7.60	0.04						
MW-31	14-Apr-11		7.85	7.89	0.04						
MW-31	19-Apr-11		7.74	7.76	0.02						
MW-31	26-Apr-11			6.98							
MW-31	5-May-11		7.00	7.76	0.76						
MW-31	11-May-11			6.96							
MW-31	17-May-11			6.98							
MW-31	23-May-11			6.96							
MW-31	2-Jun-11			7.30							
MW-31	27-Jun-11		7.49	7.91	0.42						
MW-31	6-Jul-11		7.64	7.89	0.25						
MW-31	18-Jul-11		7.78	7.81	0.03						
MW-31	26-Jul-11		7.51	7.60	0.09						
MW-31	2-Aug-11		7.54	7.61	0.07						
MW-31	9-Aug-11		7.43	7.54	0.11						
MW-31	15-Aug-11		7.51	7.53	0.02						
MW-31	22-Aug-11			7.41							
MW-31	29-Aug-11		7.51	7.52	0.01						
MW-31	13-Sep-11		7.64	7.68	0.04						
MW-32	19-May-09			7.43							
MW-32	16-Jul-09			7.69							
MW-32	25-Aug-09			7.72							
MW-32	1-Sep-09			7.58							
MW-32	10-Sep-09			7.74							
MW-32	17-Sep-09			7.81							
MW-32	24-Sep-09			7.78							
MW-32	1-Oct-09			7.83							
MW-32	7-Oct-09			7.67							
MW-32	23-Oct-09			7.43							
MW-32	22-Jun-10			7.49							
MW-32	30-Jun-10			7.48							
MW-32	6-Jul-10			7.58							
MW-32	13-Jul-10			7.57							
MW-32	20-Jul-10			7.67							
MW-32	27-Jul-10			7.45							
MW-32	18-Aug-10			7.52							
MW-32	24-Aug-10			7.56							
MW-32	31-Aug-10		7.67	7.69	0.02						
MW-32	21-Sep-10			7.68							
MW-32	30-Sep-10			7.54							
MW-32	12-Oct-10			7.83							
MW-32	3-Nov-10			7.82							
MW-32	15-Nov-10			7.91							
MW-32	2-Dec-10			7.84							
MW-32	10-Dec-10			7.81							

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Groundwater Elevation and Analytical Results

Shivam Energy, Inc.
399 West Liberty Street
Wauconda, Lake County, Illinois 60084

Tier 1 Exposure Routes, COCs, and Groundwater Remediation Objectives							Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	MTBE (mg/L)
GCGIER - Class I Groundwater							0.005	1	0.7	10	0.07
GCGIER - Class II Groundwater							0.025	2.5	1	10	0.07
Sample ID	Date Sampled	Reference Elevation (feet)	Static Depth to Free Product (feet below)	Static Depth to Water (feet below)	Free Product Thickness (feet)	Groundwater Elevation (feet)					
MW-32	22-Dec-10			7.92							
MW-32	27-Dec-10			7.96							
MW-32	10-Jan-11			7.88							
MW-32	2-Mar-11			7.51							
MW-32	14-Apr-11			7.51			0.757	0.174	0.0903	0.343	0.0104
RW-1	6-Jan-09						0.764	<0.005	0.0052	<0.015	0.0118
RW-1	19-May-09			6.10							
RW-1	25-Aug-09			6.39							
RW-1	1-Sep-09			6.22							
RW-1	10-Sep-09			6.35							
RW-1	17-Sep-09			6.38							
RW-1	24-Sep-09			6.35							
RW-1	1-Oct-09			6.40							
RW-1	7-Oct-09			6.27							
RW-1	23-Oct-09			6.03							
RW-1	10-Jan-11			6.49							
RW-1	14-Apr-11			6.12			1.09	0.0196	0.007	0.0361	0.0076
RW-1 ('04)	21-Apr-05	108.01		4.58		103.43	0.44	0.0097	0.028	0.11	0.01
RW-1 ('04)	29-Dec-08	108.01		2.42		105.59					
RW-1 ('04)	5-Jan-09	108.01		3.93		104.08					
RW-1 ('04)	10-Jan-11	108.01		5.35		102.66					
RW-2	1-Apr-09			9.40							
RW-2	19-May-09			9.70							
RW-2	16-Jul-09			9.72							
RW-2	18-Aug-09			9.72							
RW-2	25-Aug-09			9.73							
RW-2	1-Sep-09			9.72							
RW-2	10-Sep-09			9.72							
RW-2	17-Sep-09			9.73							
RW-2	24-Sep-09			9.74							
RW-2	1-Oct-09			9.73							
RW-2	7-Oct-09			9.72							
RW-2	23-Oct-09			9.72							
RW-2	22-Jun-10		9.72	9.73	0.01						
RW-2	30-Jun-10		9.72	9.73	0.01						
RW-2	6-Jul-10			9.73							
RW-2	13-Jul-10			9.72							
RW-2	20-Jul-10			9.73							
RW-2	27-Jul-10			9.72							
RW-2	18-Aug-10			9.72							
RW-2	24-Aug-10			9.72							
RW-2	31-Aug-10			9.74							
RW-2	21-Sep-10			9.78							
RW-2	30-Sep-10			9.76							
RW-2	12-Oct-10			9.72							
RW-2	3-Nov-10			9.73							
RW-2	15-Nov-10			9.81							
RW-2	2-Dec-10			9.75							
RW-2	10-Dec-10			9.80							
RW-2	22-Dec-10			9.20							
RW-2	27-Dec-10			9.75							
RW-2	29-Dec-10			9.76							
RW-2	5-Jan-11			9.75							
RW-2	10-Jan-11			9.71							
RW-2	2-Mar-11			9.76							
RW-2	14-Apr-11			9.72							
RW-3	19-May-09			7.20							
RW-3	17-Jun-09		7.20	7.34	0.14						
RW-3	16-Jul-09		7.52	7.53	0.01						
RW-3	27-Jul-09		7.50	7.52	0.02						
RW-3	18-Aug-09		7.58	7.59	0.01						
RW-3	25-Aug-09		7.55	7.57	0.02						
RW-3	1-Sep-09		7.34	7.47	0.13						
RW-3	10-Sep-09		7.71	7.72	0.01						
RW-3	17-Sep-09		7.70	7.71	0.01						
RW-3	24-Sep-09		7.58	7.60	0.02						
RW-3	1-Oct-09		7.69	7.70	0.01						
RW-3	7-Oct-09		7.48	7.49	0.01						
RW-3	23-Oct-09		7.43	7.46	0.03						
RW-3	28-Oct-09		7.38	7.39	0.01						
RW-3	9-Nov-09		7.53	7.55	0.02						

Table 1
Groundwater Elevation and Analytical Results

Shivam Energy, Inc.
399 West Liberty Street
Wauconda, Lake County, Illinois 60084

Tier I Exposure Routes, COCs, and Groundwater Remediation Objectives							Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	MTBE (mg/L)
GCGIER - Class I Groundwater							0.005	1	0.7	10	0.07
GCGIER - Class II Groundwater							0.025	2.5	1	10	0.07
Sample ID	Date Sampled	Reference Elevation (feet)	Static Depth to Free Product (feet below)	Static Depth to Water (feet below)	Free Product Thickness (feet)	Groundwater Elevation (feet)					
RW-3	24-Nov-09		7.55	7.56	0.01						
RW-3	3-Dec-09		7.40	7.42	0.02						
RW-3	8-Dec-09		7.42	7.45	0.03						
RW-3	17-Dec-09		7.42	7.51	0.09						
RW-3	22-Dec-09		7.65	7.80	0.15						
RW-3	28-Dec-09		7.16	7.19	0.03						
RW-3	6-Jan-10		7.58	7.65	0.07						
RW-3	11-Jan-10		7.50	7.55	0.05						
RW-3	19-Jan-10		7.52	7.54	0.02						
RW-3	25-Jan-10		6.98	6.99	0.01						
RW-3	2-Feb-10		7.86	7.89	0.03						
RW-3	8-Feb-10		7.45	7.48	0.03						
RW-3	16-Feb-10		7.56	7.57	0.01						
RW-3	22-Feb-10		7.52	7.54	0.02						
RW-3	1-Mar-10			7.40							
RW-3	8-Mar-10			7.52							
RW-3	18-Mar-10			7.07							
RW-3	24-Mar-10			7.12							
RW-3	29-Mar-10			7.14							
RW-3	21-Apr-10		7.59	7.60	0.01						
RW-3	27-Apr-10			7.36							
RW-3	4-May-10		7.34	7.37	0.03						
RW-3	10-May-10		7.35	7.39	0.04						
RW-3	19-May-10		7.40	7.44	0.04						
RW-3	25-May-10		6.03	6.12	0.09						
RW-3	2-Jun-10		6.05	6.15	0.10						
RW-3	8-Jun-10		6.00	6.10	0.10						
RW-3	16-Jun-10		6.02	6.12	0.10						
RW-3	22-Jun-10		6.06	6.09	0.03						
RW-3	30-Jun-10		6.05	6.08	0.03						
RW-3	6-Jul-10		6.05	6.08	0.03						
RW-3	13-Jul-10		6.01	6.04	0.03						
RW-3	20-Jul-10		6.04	6.06	0.02						
RW-3	27-Jul-10		6.07	6.09	0.02						
RW-3	18-Aug-10		7.49	7.50	0.01						
RW-3	24-Aug-10		7.50	7.51	0.01						
RW-3	31-Aug-10		7.48	7.49	0.01						
RW-3	21-Sep-10		7.51	7.52	0.01						
RW-3	30-Sep-10		7.49	7.51	0.02						
RW-3	12-Oct-10		7.54	7.56	0.02						
RW-3	3-Nov-10		7.53	8.03	0.50						
RW-3	15-Nov-10		7.65	8.12	0.47						
RW-3	2-Dec-10		7.02	7.08	0.06						
RW-3	10-Dec-10		7.06	7.13	0.07						
RW-3	22-Dec-10		8.05	8.08	0.03						
RW-3	27-Dec-10		8.03	8.07	0.04						
RW-3	29-Dec-10		8.04	8.08	0.04						
RW-3	5-Jan-11		7.69	8.19	0.50						
RW-3	5-Jan-11^		7.90	7.91	0.01						
RW-3	10-Jan-11			7.57							
RW-3	13-Jan-11		7.95	8.46	0.51						
RW-3	13-Jan-11^			8.00							
RW-3	17-Jan-11		7.60	7.90	0.30						
RW-3	28-Jan-11		7.69	8.34	0.65						
RW-3	28-Jan-11^		7.95	8.05	0.10						
RW-3	7-Feb-11			7.83							
RW-3	22-Feb-11		7.06	7.19	0.13						
RW-3	2-Mar-11		7.45	7.49	0.04						
RW-3	7-Mar-11		7.32	7.34	0.02						
RW-3	14-Mar-11		7.20	7.21	0.01						
RW-3	21-Mar-11			8.00							
RW-3	28-Mar-11			7.05							
RW-3	5-Apr-11			7.07							
RW-3	12-Apr-11		7.42	7.43	0.01						
RW-3	14-Apr-11		7.24	7.25	0.01						
RW-3	19-Apr-11			7.18							
RW-3	26-Apr-11		6.71	6.72	0.01						
RW-3	5-May-11		7.05	7.07	0.02						
RW-3	11-May-11		7.29	7.30	0.01						
RW-3	17-May-11			7.30							
RW-3	23-May-11			7.22							

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399 West Liberty Street
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Tier 1 Exposure Routes, COCs, and Groundwater Remediation Objectives							Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	MTBE (mg/L)
GCGIER - Class I Groundwater							0.005	1	0.7	10	0.07
GCGIER - Class II Groundwater							0.025	2.5	1	10	0.07
Sample ID	Date Sampled	Reference Elevation (feet)	Static Depth to Free Product (feet below)	Static Depth to Water (feet below)	Free Product Thickness (feet)	Groundwater Elevation (feet)					
RW-3	2-Jun-11		7.04	7.05	0.01						
RW-3	27-Jun-11		7.32	7.34	0.02						
RW-3	6-Jul-11		7.46	7.50	0.04						
RW-3	18-Jul-11		7.82	7.83	0.01						
RW-3	26-Jul-11			7.43							
RW-3	2-Aug-11			7.20							
RW-3	9-Aug-11			7.30							
RW-3	15-Aug-11			7.35							
RW-3	22-Aug-11			7.38							
RW-3	29-Aug-11		7.49	7.50	0.01						
RW-3	13-Sep-11			7.90							
RW-4	19-May-09			7.36							
RW-4	17-Jun-09			7.37							
RW-4	16-Jul-09			7.63							
RW-4	11-Aug-09		7.53	7.57	0.04						
RW-4	18-Aug-09		7.70	7.71	0.01						
RW-4	25-Aug-09		7.70	7.71	0.01						
RW-4	1-Sep-09		7.51	7.53	0.02						
RW-4	10-Sep-09		7.68	7.70	0.02						
RW-4	17-Sep-09			7.76							
RW-4	24-Sep-09		7.68	7.70	0.02						
RW-4	1-Oct-09		7.73	7.74	0.01						
RW-4	7-Oct-09		7.58	7.60	0.02						
RW-4	23-Oct-09		7.35	7.40	0.05						
RW-4	28-Oct-09		7.39	7.50	0.11						
RW-4	9-Nov-09		7.55	7.56	0.01						
RW-4	24-Nov-09		7.65	7.83	0.18						
RW-4	3-Dec-09		7.58	7.70	0.12						
RW-4	8-Dec-09		7.60	7.74	0.14						
RW-4	17-Dec-09		7.55	7.63	0.08						
RW-4	22-Dec-09		7.61	7.75	0.14						
RW-4	28-Dec-09		7.16	7.27	0.11						
RW-4	6-Jan-10		7.50	7.60	0.10						
RW-4	11-Jan-10		7.58	7.71	0.13						
RW-4	19-Jan-10		7.62	7.73	0.11						
RW-4	25-Jan-10		7.14	7.21	0.07						
RW-4	2-Feb-10		7.48	7.60	0.12						
RW-4	8-Feb-10		7.56	7.74	0.18						
RW-4	16-Feb-10		7.60	7.80	0.20						
RW-4	22-Feb-10		7.50	7.63	0.13						
RW-4	1-Mar-10		7.51	7.61	0.10						
RW-4	8-Mar-10		7.38	7.45	0.07						
RW-4	18-Mar-10		7.18	7.30	0.12						
RW-4	24-Mar-10		7.26	7.38	0.12						
RW-4	29-Mar-10		7.34	7.49	0.15						
RW-4	21-Apr-10		7.42	7.61	0.19						
RW-4	27-Apr-10		7.43	7.60	0.17						
RW-4	4-May-10		7.43	7.60	0.17						
RW-4	10-May-10		7.41	7.56	0.15						
RW-4	19-May-10		7.25	7.37	0.12						
RW-4	25-May-10		7.35	7.49	0.14						
RW-4	2-Jun-10		7.35	7.52	0.17						
RW-4	8-Jun-10		7.31	7.43	0.12						
RW-4	16-Jun-10		7.37	7.54	0.17						
RW-4	22-Jun-10		7.36	7.53	0.17						
RW-4	30-Jun-10		7.36	7.52	0.16						
RW-4	6-Jul-10			7.48							
RW-4	13-Jul-10		7.45	7.68	0.23						
RW-4	20-Jul-10		7.54	7.82	0.28						
RW-4	27-Jul-10		7.33	7.51	0.18						
RW-4	18-Aug-10		7.38	7.68	0.30						
RW-4	24-Aug-10		7.43	7.75	0.32						
RW-4	31-Aug-10		7.53	7.92	0.39						
RW-4	21-Sep-10		7.54	7.92	0.38						
RW-4	30-Sep-10		7.53	7.61	0.08						
RW-4	12-Oct-10		7.68	8.06	0.38						
RW-4	3-Nov-10		7.68	8.10	0.42						
RW-4	15-Nov-10		7.72	8.08	0.36						
RW-4	2-Dec-10		7.65	8.35	0.70						
RW-4	10-Dec-10		7.62	8.33	0.71						
RW-4	22-Dec-10		7.75	8.62	0.87						

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Tier 1 Exposure Routes, COCs, and Groundwater Remediation Objectives							Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	MTBE (mg/L)
GCGIER - Class I Groundwater							0.005	1	0.7	10	0.07
GCGIER - Class II Groundwater							0.025	2.5	1	10	0.07
Sample ID	Date Sampled	Reference Elevation (feet)	Static Depth to Free Product (feet below)	Static Depth to Water (feet below)	Free Product Thickness (feet)	Groundwater Elevation (feet)					
RW-4	27-Dec-10		7.73	8.63	0.90						
RW-4	29-Dec-10		8.37	8.65	0.28						
RW-4	5-Jan-11		7.59	8.32	0.73						
RW-4	5-Jan-11^		7.93	7.95	0.02						
RW-4	13-Jan-11		7.89	8.15	0.26						
RW-4	13-Jan-11^		7.99	8.02	0.03						
RW-4	17-Jan-11			7.93							
RW-4	28-Jan-11		7.83	8.68	0.85						
RW-4	28-Jan-11^			8.23							
RW-4	7-Feb-11		8.05	8.08	0.03						
RW-4	22-Feb-11			7.25							
RW-4	2-Mar-11		7.41	7.42	0.01						
RW-4	7-Mar-11		7.28	7.29	0.01						
RW-4	14-Mar-11			7.38							
RW-4	21-Mar-11		7.01	7.02	0.01						
RW-4	28-Mar-11			7.30							
RW-4	5-Apr-11		7.43	7.44	0.01						
RW-4	12-Apr-11			7.38							
RW-4	14-Apr-11			7.42			10.2	16.3	1.69	11.8	<0.125
RW-4	19-Apr-11			7.08							
RW-4	26-Apr-11			6.91							
RW-4	5-May-11			7.32							
RW-4	11-May-11			7.45							
RW-4	17-May-11			7.47							
RW-4	23-May-11			7.15							
RW-4	2-Jun-11			7.20							
RW-4	27-Jun-11		7.45	7.51	0.06						
RW-4	6-Jul-11		7.60	7.65	0.05						
RW-4	18-Jul-11		7.72	7.78	0.06						
RW-4	26-Jul-11		7.40	7.43	0.03						
RW-4	2-Aug-11		7.40	7.44	0.04						
RW-4	9-Aug-11		7.34	7.35	0.01						
RW-4	15-Aug-11		7.45	7.51	0.06						
RW-4	22-Aug-11			7.38							
RW-4	29-Aug-11			1.48							
RW-4	13-Sep-11		7.67	7.80	0.13						
RW-5	19-May-09		6.93	8.40	1.47						
RW-5	17-Jun-09		7.01	8.13	1.12						
RW-5	16-Jul-09			7.51							
RW-5	11-Aug-09		7.51	8.05	0.54						
RW-5	18-Aug-09		7.38	8.51	1.13						
RW-5	25-Aug-09		7.37	8.54	1.17						
RW-5	1-Sep-09		7.18	8.28	1.10						
RW-5	10-Sep-09		7.31	8.63	1.32						
RW-5	17-Sep-09		7.39	7.42	0.03						
RW-5	24-Sep-09		7.39	8.61	1.22						
RW-5	1-Oct-09		7.44	7.47	0.03						
RW-5	7-Oct-09			7.35							
RW-5	23-Oct-09		7.16	7.41	0.25						
RW-5	28-Oct-09		7.19	7.33	0.14						
RW-5	9-Nov-09		7.33	7.34	0.01						
RW-5	24-Nov-09		7.42	8.33	0.91						
RW-5	3-Dec-09		7.32	8.18	0.86						
RW-5	8-Dec-09		7.38	8.25	0.87						
RW-5	17-Dec-09		7.30	8.23	0.93						
RW-5	22-Dec-09		7.33	7.55	0.22						
RW-5	28-Dec-09		7.07	7.30	0.23						
RW-5	6-Jan-10		7.40	7.88	0.48						
RW-5	11-Jan-10		7.48	7.94	0.46						
RW-5	19-Jan-10		7.54	7.87	0.33						
RW-5	25-Jan-10		7.09	7.10	0.01						
RW-5	2-Feb-10		7.31	7.33	0.02						
RW-5	8-Feb-10		7.53	8.10	0.57						
RW-5	16-Feb-10		7.50	8.18	0.68						
RW-5	22-Feb-10		7.39	7.78	0.39						
RW-5	1-Mar-10		7.40	7.86	0.46						
RW-5	8-Mar-10		7.51	7.91	0.40						
RW-5	18-Mar-10		7.08	7.30	0.22						
RW-5	24-Mar-10		7.09	7.51	0.42						
RW-5	29-Mar-10		7.19	7.73	0.54						
RW-5	21-Apr-10		7.25	7.92	0.67						

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Tier 1 Exposure Routes, COCs, and Groundwater Remediation Objectives							Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	MTBE (mg/L)
GCGIER - Class I Groundwater							0.005	1	0.7	10	0.07
GCGIER - Class II Groundwater							0.025	2.5	1	10	0.07
Sample ID	Date Sampled	Reference Elevation (feet)	Static Depth to Free Product (feet below)	Static Depth to Water (feet below)	Free Product Thickness (feet)	Groundwater Elevation (feet)					
RW-5	27-Apr-10		7.24	7.92	0.68						
RW-5	4-May-10		7.24	7.90	0.66						
RW-5	10-May-10		7.80	7.92	0.12						
RW-5	19-May-10		7.04	7.80	0.76						
RW-5	25-May-10		7.18	7.25	0.07						
RW-5	2-Jun-10		7.20	7.29	0.09						
RW-5	8-Jun-10		7.25	7.33	0.08						
RW-5	16-Jun-10		7.24	7.32	0.08						
RW-5	22-Jun-10			7.25							
RW-5	30-Jun-10			7.23							
RW-5	6-Jul-10			7.31							
RW-5	13-Jul-10			7.30							
RW-5	20-Jul-10			7.28							
RW-5	27-Jul-10			7.25							
RW-5	18-Aug-10			7.30							
RW-5	24-Aug-10			7.26							
RW-5	31-Aug-10			7.23							
RW-5	21-Sep-10			7.33							
RW-5	30-Sep-10			7.26							
RW-5	12-Oct-10		7.52	7.88	0.36						
RW-5	3-Nov-10		7.69	8.30	0.61						
RW-5	15-Nov-10		7.71	8.31	0.60						
RW-5	2-Dec-10		7.67	8.35	0.68						
RW-5	10-Dec-10		7.66	8.21	0.55						
RW-5	22-Dec-10		7.78	8.66	0.88						
RW-5	27-Dec-10		7.76	8.65	0.89						
RW-5	29-Dec-10		8.34	8.62	0.28						
RW-5	5-Jan-11		7.63	8.34	0.71						
RW-5	5-Jan-11^		7.90	7.93	0.03						
RW-5	13-Jan-11		7.71	8.54	0.83						
RW-5	13-Jan-11^			8.00							
RW-5	17-Jan-11		7.94	8.34	0.40						
RW-5	28-Jan-11		7.83	8.68	0.85						
RW-5	28-Jan-11^		8.21	8.23	0.02						
RW-5	7-Feb-11		7.90	7.92	0.02						
RW-5	22-Feb-11		7.25	7.26	0.01						
RW-5	2-Mar-11		7.49	7.51	0.02						
RW-5	7-Mar-11		7.50	7.52	0.02						
RW-5	14-Mar-11		7.29	7.30	0.01						
RW-5	21-Mar-11			6.69							
RW-5	28-Mar-11			7.17							
RW-5	5-Apr-11		7.05	7.07	0.02						
RW-5	12-Apr-11			7.40							
RW-5	14-Apr-11		7.42	7.43	0.01						
RW-5	19-Apr-11			7.38							
RW-5	26-Apr-11			6.81							
RW-5	5-May-11		7.21	7.26	0.05						
RW-5	11-May-11			7.82							
RW-5	17-May-11		7.39	7.47	0.08						
RW-5	23-May-11		7.22	7.27	0.05						
RW-5	2-Jun-11		7.18	7.22	0.04						
RW-5	27-Jun-11		7.43	7.60	0.17						
RW-5	6-Jul-11		7.65	7.67	0.02						
RW-5	18-Jul-11		7.48	8.33	0.85						
RW-5	26-Jul-11			7.29							
RW-5	2-Aug-11		7.28	7.58	0.30						
RW-5	9-Aug-11		7.25	7.41	0.16						
RW-5	15-Aug-11		7.32	7.68	0.36						
RW-5	22-Aug-11		7.27	7.47	0.20						
RW-5	29-Aug-11		7.36	7.78	0.42						
RW-5	13-Sep-11		7.47	8.22	0.75						
RW-6	19-May-09			7.05							
RW-6	16-Jul-09		7.25	7.83	0.58						
RW-6	27-Jul-09		7.28	7.92	0.64						
RW-6	11-Aug-09		7.31	8.04	0.73						
RW-6	18-Aug-09		7.40	8.02	0.62						
RW-6	25-Aug-09		7.33	8.02	0.69						
RW-6	1-Sep-09			7.32							
RW-6	10-Sep-09		7.43	7.70	0.27						
RW-6	17-Sep-09			7.63							
RW-6	24-Sep-09		7.57	7.60	0.03						

Table 1
Groundwater Elevation and Analytical Results

Shivam Energy, Inc.
399 West Liberty Street
Wauconda, Lake County, Illinois 60084

Tier 1 Exposure Routes, COCs, and Groundwater Remediation Objectives							Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	MTBE (mg/L)
GCGIER - Class I Groundwater							0.005	1	0.7	10	0.07
GCGIER - Class II Groundwater							0.025	2.5	1	10	0.07
Sample ID	Date Sampled	Reference Elevation (feet)	Static Depth to Free Product (feet below)	Static Depth to Water (feet below)	Free Product Thickness (feet)	Groundwater Elevation (feet)					
RW-6	1-Oct-09			7.61							
RW-6	7-Oct-09		7.45	7.46	0.01						
RW-6	23-Oct-09		7.41	7.42	0.01						
RW-6	28-Oct-09			7.22							
RW-6	9-Nov-09		7.33	7.42	0.09						
RW-6	24-Nov-09			7.51							
RW-6	3-Dec-09		7.34	7.38	0.04						
RW-6	8-Dec-09		7.54	7.59	0.05						
RW-6	17-Dec-09		7.31	7.40	0.09						
RW-6	22-Dec-09		7.42	7.55	0.13						
RW-6	6-Jan-10			7.23							
RW-6	11-Jan-10		7.40	7.42	0.02						
RW-6	19-Jan-10		7.41	7.42	0.01						
RW-6	25-Jan-10			6.87							
RW-6	2-Feb-10		7.25	7.28	0.03						
RW-6	8-Feb-10			7.34							
RW-6	16-Feb-10		7.39	7.40	0.01						
RW-6	22-Feb-10		7.25	7.30	0.05						
RW-6	1-Mar-10		7.25	7.31	0.06						
RW-6	8-Mar-10		7.11	7.17	0.06						
RW-6	18-Mar-10		6.92	6.98	0.06						
RW-6	24-Mar-10		6.95	7.01	0.06						
RW-6	29-Mar-10		7.01	7.07	0.06						
RW-6	21-Apr-10			7.28							
RW-6	27-Apr-10		7.25	7.26	0.01						
RW-6	4-May-10			7.30							
RW-6	10-May-10		7.20	7.21	0.01						
RW-6	19-May-10		6.96	7.04	0.08						
RW-6	25-May-10		7.12	7.20	0.08						
RW-6	2-Jun-10		7.10	7.15	0.05						
RW-6	8-Jun-10		7.03	7.13	0.10						
RW-6	16-Jun-10		7.15	7.20	0.05						
RW-6	22-Jun-10		7.13	7.19	0.06						
RW-6	30-Jun-10		7.11	7.17	0.06						
RW-6	6-Jul-10		7.25	7.37	0.12						
RW-6	13-Jul-10		7.24	7.33	0.09						
RW-6	20-Jul-10		7.37	7.46	0.09						
RW-6	27-Jul-10		7.09	7.19	0.10						
RW-6	18-Aug-10		7.16	7.34	0.18						
RW-6	24-Aug-10		7.19	7.33	0.14						
RW-6	31-Aug-10		7.30	7.67	0.37						
RW-6	21-Sep-10			7.32							
RW-6	30-Sep-10		7.35	7.72	0.37						
RW-6	12-Oct-10		7.45	8.02	0.57						
RW-6	3-Nov-10		7.43	8.08	0.65						
RW-6	15-Nov-10		7.50	8.12	0.62						
RW-6	2-Dec-10		7.50	8.09	0.59						
RW-6	10-Dec-10		7.42	8.04	0.62						
RW-6	22-Dec-10		7.60	8.20	0.60						
RW-6	27-Dec-10		7.64	8.22	0.58						
RW-6	29-Dec-10		8.18	8.20	0.02						
RW-6	5-Jan-11		7.42	7.97	0.55						
RW-6	5-Jan-11^		7.73	7.76	0.03						
RW-6	13-Jan-11		7.72	7.82	0.10						
RW-6	13-Jan-11^		7.93	7.95	0.02						
RW-6	17-Jan-11		7.27	7.85	0.58						
RW-6	28-Jan-11		7.81	7.96	0.15						
RW-6	28-Jan-11^		8.30	8.35	0.05						
RW-6	7-Feb-11			7.78							
RW-6	22-Feb-11		6.93	7.27	0.34						
RW-6	2-Mar-11		7.11	7.31	0.20						
RW-6	7-Mar-11		7.15	7.30	0.15						
RW-6	14-Mar-11		7.09	7.17	0.08						
RW-6	21-Mar-11		6.69	6.71	0.02						
RW-6	28-Mar-11		7.02	7.03	0.01						
RW-6	5-Apr-11		7.15	7.19	0.04						
RW-6	12-Apr-11		7.09	7.10	0.01						
RW-6	14-Apr-11		7.15	7.16	0.01						
RW-6	19-Apr-11			7.05							
RW-6	26-Apr-11		6.55	6.56	0.01						
RW-6	5-May-11		7.00	7.05	0.05						

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Tier 1 Exposure Routes, COCs, and Groundwater Remediation Objectives							Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	MTBE (mg/L)
GCGIER - Class I Groundwater							0.005	1	0.7	10	0.07
GCGIER - Class II Groundwater							0.025	2.5	1	10	0.07
Sample ID	Date Sampled	Reference Elevation (feet)	Static Depth to Free Product (feet below)	Static Depth to Water (feet below)	Free Product Thickness (feet)	Groundwater Elevation (feet)					
RW-6	11-May-11		7.20	7.23	0.03						
RW-6	17-May-11		7.19	7.23	0.04						
RW-6	23-May-11			6.82							
RW-6	2-Jun-11		6.91	6.98	0.07						
RW-6	27-Jun-11		7.23	7.26	0.03						
RW-6	6-Jul-11		7.38	7.41	0.03						
RW-6	18-Jul-11		Sheen	7.59	Sheen						
RW-6	26-Jul-11			7.24							
RW-6	2-Aug-11			7.53							
RW-6	9-Aug-11			7.14							
RW-6	15-Aug-11		7.31	7.35	0.04						
RW-6	22-Aug-11			7.23							
RW-6	29-Aug-11			7.31							
RW-6	13-Sep-11			7.50							
S-1	16-Jul-09		7.49	7.59	0.10						
S-1	27-Jul-09		7.46	7.54	0.08						
S-1	11-Aug-09		7.71	7.79	0.08						
S-1	18-Aug-09		7.61	7.72	0.11						
S-1	25-Aug-09		7.53	7.61	0.08						
S-1	1-Sep-09		7.01	7.05	0.04						
S-1	10-Sep-09		7.63	7.68	0.05						
S-1	17-Sep-09			7.86							
S-1	24-Sep-09		7.73	7.78	0.05						
S-1	1-Oct-09		7.87	7.89	0.02						
S-1	7-Oct-09		7.41	7.42	0.01						
S-1	23-Oct-09		6.79	6.81	0.02						
S-1	28-Oct-09		6.97	7.03	0.06						
S-1	9-Nov-09		7.33	7.38	0.05						
S-1	24-Nov-09		7.68	7.76	0.08						
S-1	3-Dec-09		7.40	7.46	0.06						
S-1	8-Dec-09		7.57	7.64	0.07						
S-1	17-Dec-09		7.31	7.39	0.08						
S-1	22-Dec-09		7.43	7.51	0.08						
S-1	28-Dec-09		6.52	6.59	0.07						
S-1	6-Jan-10		7.15	7.24	0.09						
S-1	11-Jan-10		7.38	7.45	0.07						
S-1	19-Jan-10		7.54	7.62	0.08						
S-1	25-Jan-10		7.01	7.04	0.03						
S-1	2-Feb-10		7.25	7.30	0.05						
S-1	8-Feb-10		7.37	7.42	0.05						
S-1	16-Feb-10		7.55	7.62	0.07						
S-1	22-Feb-10		7.43	7.47	0.04						
S-1	1-Mar-10		7.35	7.40	0.05						
S-1	8-Mar-10		7.45	7.49	0.04						
S-1	18-Mar-10		6.79	6.82	0.03						
S-1	24-Mar-10		6.75	6.79	0.04						
S-1	29-Mar-10		7.01	7.05	0.04						
S-1	21-Apr-10		7.45	7.51	0.06						
S-1	27-Apr-10		7.27	7.29	0.02						
S-1	4-May-10		7.27	7.30	0.03						
S-1	10-May-10		7.13	7.16	0.03						
S-1	19-May-10		6.58	6.65	0.07						
S-1	25-May-10		6.86	6.95	0.09						
S-1	2-Jun-10		6.95	7.04	0.09						
S-1	8-Jun-10		6.96	7.01	0.05						
S-1	16-Jun-10		7.02	7.06	0.04						
S-1	22-Jun-10		7.05	7.09	0.04						
S-1	30-Jun-10		7.05	7.09	0.04						
S-1	6-Jul-10		7.27	7.30	0.03						
S-1	13-Jul-10		7.27	7.35	0.08						
S-1	20-Jul-10		7.47	7.50	0.03						
S-1	27-Jul-10		6.95	7.00	0.05						
S-1	18-Aug-10		7.16	7.29	0.13						
S-1	24-Aug-10		7.29	7.41	0.12						
S-1	31-Aug-10		7.57	7.72	0.15						
S-1	21-Sep-10		7.58	7.61	0.03						
S-1	30-Sep-10		7.32	7.35	0.03						
S-1	12-Oct-10		7.87	8.19	0.32						
S-1	3-Nov-10		7.90	8.36	0.46						
S-1	15-Nov-10		7.93	8.35	0.42						
S-1	2-Dec-10		7.93	8.58	0.65						

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Tier I Exposure Routes, COCs, and Groundwater Remediation Objectives							Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	MTBE (mg/L)
GCGIER - Class I Groundwater							0.005	1	0.7	10	0.07
GCGIER - Class II Groundwater							0.025	2.5	1	10	0.07
Sample ID	Date Sampled	Reference Elevation (feet)	Static Depth to Free Product (feet below)	Static Depth to Water (feet below)	Free Product Thickness (feet)	Groundwater Elevation (feet)					
S-1	10-Dec-10		7.97	8.54	0.57						
S-1	22-Dec-10		7.90	8.48	0.58						
S-1	27-Dec-10		7.92	8.50	0.58						
S-1	5-Jan-11		7.58	8.00	0.42						
S-1	5-Jan-11^		9.56	9.63	0.07						
S-1	10-Jan-11		8.17	8.90	0.73						
S-1	13-Jan-11		8.22	8.96	0.74						
S-1	13-Jan-11^		9.00	9.02	0.02						
S-1	17-Jan-11		9.02	9.30	0.28						
S-1	28-Jan-11		8.44	8.75	0.31						
S-1	28-Jan-11^		10.32	10.40	0.08						
S-1	7-Feb-11		8.89	9.00	0.11						
S-1	22-Feb-11		7.85	7.91	0.06						
S-1	2-Mar-11		6.92	7.00	0.08						
S-1	7-Mar-11		6.99	7.04	0.05						
S-1	14-Mar-11		6.77	6.81	0.04						
S-1	21-Mar-11			6.57							
S-1	28-Mar-11		6.65	6.69	0.04						
S-1	5-Apr-11		6.94	6.97	0.03						
S-1	12-Apr-11		6.90	6.94	0.04						
S-1	14-Apr-11		6.97	7.02	0.05						
S-1	19-Apr-11		6.58	6.60	0.02						
S-1	26-Apr-11			6.28							
S-1	5-May-11		6.65	6.67	0.02						
S-1	11-May-11		6.92	6.94	0.02						
S-1	17-May-11		7.00	7.02	0.02						
S-1	23-May-11		6.99	7.00	0.01						
S-1	2-Jun-11		6.58	6.59	0.01						
S-1	27-Jun-11		7.08	7.10	0.02						
S-1	6-Jul-11		7.38	7.40	0.02						
S-1	18-Jul-11		7.71	7.74	0.03						
S-1	26-Jul-11		7.11	7.12	0.01						
S-1	2-Aug-11		7.03	7.05	0.02						
S-1	9-Aug-11		7.02	7.03	0.01						
S-1	15-Aug-11		7.15	7.17	0.02						
S-1	22-Aug-11		7.10	7.12	0.02						
S-1	29-Aug-11		7.13	7.14	0.01						
S-2	16-Jul-09		7.59	7.62	0.03						
S-2	27-Jul-09		7.56	7.64	0.08						
S-2	11-Aug-09		7.70	7.81	0.11						
S-2	18-Aug-09		7.68	7.80	0.12						
S-2	25-Aug-09		7.61	7.71	0.10						
S-2	1-Sep-09		7.00	7.01	0.01						
S-2	10-Sep-09		7.62	7.67	0.05						
S-2	17-Sep-09			7.85							
S-2	24-Sep-09		7.73	7.79	0.06						
S-2	1-Oct-09		7.89	7.91	0.02						
S-2	7-Oct-09		7.50	7.55	0.05						
S-2	23-Oct-09		6.86	6.87	0.01						
S-2	28-Oct-09		6.99	7.02	0.03						
S-2	9-Nov-09		7.41	7.47	0.06						
S-2	24-Nov-09		7.78	7.85	0.07						
S-2	3-Dec-09		7.49	7.54	0.05						
S-2	8-Dec-09		7.63	7.70	0.07						
S-2	17-Dec-09		7.39	7.45	0.06						
S-2	22-Dec-09		7.54	7.61	0.07						
S-2	28-Dec-09		6.61	6.65	0.04						
S-2	6-Jan-10		7.23	7.30	0.07						
S-2	11-Jan-10		7.47	7.52	0.05						
S-2	19-Jan-10		7.62	7.68	0.06						
S-2	25-Jan-10		7.08	7.10	0.02						
S-2	2-Feb-10		7.34	7.39	0.05						
S-2	8-Feb-10		7.45	7.52	0.07						
S-2	16-Feb-10		7.65	7.73	0.08						
S-2	22-Feb-10		7.52	7.55	0.03						
S-2	1-Mar-10		7.43	7.49	0.06						
S-2	8-Mar-10		7.51	7.57	0.06						
S-2	18-Mar-10		6.85	6.89	0.04						
S-2	24-Mar-10		6.85	6.88	0.03						
S-2	29-Mar-10		7.08	7.12	0.04						
S-2	21-Apr-10		7.37	7.41	0.04						

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Tier I Exposure Routes, COCs, and Groundwater Remediation Objectives							Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	MTBE (mg/L)
GCGIER - Class I Groundwater							0.005	1	0.7	10	0.07
GCGIER - Class II Groundwater							0.025	2.5	1	10	0.07
Sample ID	Date Sampled	Reference Elevation (feet)	Static Depth to Free Product (feet below)	Static Depth to Water (feet below)	Free Product Thickness (feet)	Groundwater Elevation (feet)					
S-2	27-Apr-10		7.27	7.31	0.04						
S-2	4-May-10		7.36	7.39	0.03						
S-2	10-May-10		7.21	7.24	0.03						
S-2	19-May-10		6.67	6.71	0.04						
S-2	25-May-10		6.93	7.02	0.09						
S-2	2-Jun-10		7.00	7.10	0.10						
S-2	8-Jun-10		6.99	7.04	0.05						
S-2	16-Jun-10		7.09	7.12	0.03						
S-2	22-Jun-10		7.12	7.16	0.04						
S-2	30-Jun-10		7.13	7.17	0.04						
S-2	6-Jul-10		7.36	7.39	0.03						
S-2	13-Jul-10		7.35	7.43	0.08						
S-2	20-Jul-10		7.55	7.63	0.08						
S-2	27-Jul-10		7.03	7.09	0.06						
S-2	18-Aug-10		7.25	7.36	0.11						
S-2	24-Aug-10		7.37	7.49	0.12						
S-2	30-Aug-10		7.60	7.75	0.15						
S-2	21-Sep-10		7.67	7.86	0.19						
S-2	30-Sep-10		7.71	7.74	0.03						
S-2	12-Oct-10		7.95	8.26	0.31						
S-2	3-Nov-10		7.96	8.44	0.48						
S-2	15-Nov-10		7.93	8.42	0.49						
S-2	2-Dec-10		7.96	8.65	0.69						
S-2	10-Dec-10		8.02	8.63	0.61						
S-2	22-Dec-10		8.01	8.49	0.48						
S-2	27-Dec-10		8.03	8.60	0.57						
S-2	5-Jan-11		7.67	8.05	0.38						
S-2	5-Jan-11^		8.90	9.09	0.19						
S-2	10-Jan-11		8.25	8.97	0.72						
S-2	13-Jan-11		8.22	8.98	0.76						
S-2	13-Jan-11^			9.02							
S-2	17-Jan-11		9.09	9.39	0.30						
S-2	28-Jan-11		8.53	8.85	0.32						
S-2	28-Jan-11^		9.83	9.99	0.16						
S-2	7-Feb-11		8.94	9.05	0.11						
S-2	22-Feb-11		6.93	6.98	0.05						
S-2	2-Mar-11		7.00	7.06	0.06						
S-2	7-Mar-11		7.05	7.09	0.04						
S-2	14-Mar-11		6.85	6.89	0.04						
S-2	21-Mar-11			6.65							
S-2	28-Mar-11		6.74	6.77	0.03						
S-2	5-Apr-11		7.02	7.06	0.04						
S-2	12-Apr-11		6.98	7.02	0.04						
S-2	14-Apr-11		7.06	7.11	0.05						
S-2	19-Apr-11		6.60	6.61	0.01						
S-2	26-Apr-11			6.35							
S-2	5-May-11		6.73	6.76	0.03						
S-2	11-May-11		7.02	7.06	0.04						
S-2	17-May-11		7.03	7.05	0.02						
S-2	23-May-11		7.09	7.10	0.01						
S-2	2-Jun-11		6.56	6.58	0.02						
S-2	27-Jun-11		7.16	7.18	0.02						
S-2	6-Jul-11		7.45	7.49	0.04						
S-2	18-Jul-11		7.80	7.83	0.03						
S-2	26-Jul-11		7.18	7.19	0.01						
S-2	2-Aug-11		7.12	7.14	0.02						
S-2	9-Aug-11		7.10	7.12	0.02						
S-2	15-Aug-11		7.25	7.27	0.02						
S-2	22-Aug-11		7.18	7.20	0.02						
S-2	29-Aug-11		7.21	7.22	0.01						
S-3	27-Jul-09		7.56	7.59	0.03						
S-3	11-Aug-09		7.69	7.81	0.12						
S-3	18-Aug-09		7.69	7.80	0.11						
S-3	25-Aug-09		7.61	7.71	0.10						
S-3	1-Sep-09		7.03	7.08	0.05						
S-3	10-Sep-09		7.66	7.68	0.02						
S-3	17-Sep-09			7.88							
S-3	24-Sep-09		7.74	7.80	0.06						
S-3	1-Oct-09		7.88	7.89	0.01						
S-3	7-Oct-09		7.50	7.51	0.01						
S-3	23-Oct-09		6.26	6.27	0.01						

Table 1
Groundwater Elevation and Analytical Results

Shivam Energy, Inc.
399 West Liberty Street
Wauconda, Lake County, Illinois 60084

Tier 1 Exposure Routes, COCs, and Groundwater Remediation Objectives							Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	MTBE (mg/L)
GCGHER - Class I Groundwater							0.005	1	0.7	10	0.07
GCGHER - Class II Groundwater							0.025	2.5	1	10	0.07
Sample ID	Date Sampled	Reference Elevation (feet)	Static Depth to Free Product (feet below)	Static Depth to Water (feet below)	Free Product Thickness (feet)	Groundwater Elevation (feet)					
S-3	28-Oct-09		6.97	7.02	0.05						
S-3	9-Nov-09		7.40	7.45	0.05						
S-3	24-Nov-09		7.76	7.86	0.10						
S-3	3-Dec-09		7.49	7.55	0.06						
S-3	8-Dec-09		7.64	7.70	0.06						
S-3	17-Dec-09		7.39	7.47	0.08						
S-3	22-Dec-09		7.53	7.59	0.06						
S-3	28-Dec-09		6.61	6.67	0.06						
S-3	6-Jan-10		7.23	7.31	0.08						
S-3	11-Jan-10		7.47	7.54	0.07						
S-3	19-Jan-10		7.62	7.70	0.08						
S-3	25-Jan-10		7.08	7.11	0.03						
S-3	2-Feb-10		7.34	7.40	0.06						
S-3	8-Feb-10		7.45	7.52	0.07						
S-3	16-Feb-10		7.64	7.70	0.06						
S-3	22-Feb-10		7.52	7.54	0.02						
S-3	1-Mar-10		7.42	7.47	0.05						
S-3	8-Mar-10		7.51	7.57	0.06						
S-3	18-Mar-10		6.88	6.91	0.03						
S-3	24-Mar-10		6.83	6.87	0.04						
S-3	29-Mar-10		7.11	7.15	0.04						
S-3	21-Apr-10		7.37	7.42	0.05						
S-3	27-Apr-10		7.29	7.32	0.03						
S-3	4-May-10		7.37	7.40	0.03						
S-3	10-May-10		7.24	7.27	0.03						
S-3	19-May-10		6.67	6.72	0.05						
S-3	25-May-10		6.94	7.03	0.09						
S-3	2-Jun-10		7.01	7.11	0.10						
S-3	8-Jun-10		7.00	7.05	0.05						
S-3	16-Jun-10		7.09	7.13	0.04						
S-3	22-Jun-10		7.13	7.14	0.01						
S-3	30-Jun-10		7.12	7.16	0.04						
S-3	6-Jul-10		7.35	7.38	0.03						
S-3	13-Jul-10		7.34	7.42	0.08						
S-3	20-Jul-10		7.55	7.63	0.08						
S-3	27-Jul-10		7.03	7.09	0.06						
S-3	18-Aug-10		7.28	7.40	0.12						
S-3	24-Aug-10		7.38	7.50	0.12						
S-3	31-Aug-10		7.59	7.74	0.15						
S-3	21-Sep-10		7.68	7.85	0.17						
S-3	30-Sep-10		7.72	7.75	0.03						
S-3	12-Oct-10		7.95	8.24	0.29						
S-3	3-Nov-10		7.97	8.44	0.47						
S-3	15-Nov-10		7.96	8.42	0.46						
S-3	2-Dec-10		7.96	8.66	0.70						
S-3	10-Dec-10		8.03	8.64	0.61						
S-3	22-Dec-10		8.01	8.49	0.48						
S-3	27-Dec-10		8.03	8.60	0.57						
S-3	5-Jan-11		7.67	8.06	0.39						
S-3	5-Jan-11^		8.87	9.03	0.16						
S-3	10-Jan-11		8.25	8.98	0.73						
S-3	13-Jan-11		8.22	8.96	0.74						
S-3	13-Jan-11^		9.82	10.08	0.26						
S-3	17-Jan-11		9.10	9.39	0.29						
S-3	28-Jan-11		8.55	8.84	0.29						
S-3	28-Jan-11^		10.07	10.21	0.14						
S-3	7-Feb-11		8.96	9.07	0.11						
S-3	22-Feb-11		6.93	6.99	0.06						
S-3	2-Mar-11		7.02	7.06	0.04						
S-3	7-Mar-11		7.04	7.08	0.04						
S-3	14-Mar-11		6.85	6.90	0.05						
S-3	21-Mar-11		6.65	6.66	0.01						
S-3	28-Mar-11		6.74	6.78	0.04						
S-3	5-Apr-11		7.02	7.07	0.05						
S-3	12-Apr-11		6.98	7.02	0.04						
S-3	14-Apr-11		7.07	7.11	0.04						
S-3	19-Apr-11		6.59	6.60	0.01						
S-3	26-Apr-11			6.36							
S-3	5-May-11		6.74	6.78	0.04						
S-3	11-May-11		7.00	7.05	0.05						
S-3	17-May-11		7.03	7.06	0.03						

Table 1
Groundwater Elevation and Analytical Results

Shivam Energy, Inc.
399 West Liberty Street
Wauconda, Lake County, Illinois 60084

Tier 1 Exposure Routes, COCs, and Groundwater Remediation Objectives							Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	MTBE (mg/L)
GCGIER - Class I Groundwater							0.005	1	0.7	10	0.07
GCGIER - Class II Groundwater							0.025	2.5	1	10	0.07
Sample ID	Date Sampled	Reference Elevation (feet)	Static Depth to Free Product (feet below)	Static Depth to Water (feet below)	Free Product Thickness (feet)	Groundwater Elevation (feet)					
S-3	23-May-11		7.08	7.09	0.01						
S-3	2-Jun-11		6.56	6.58	0.02						
S-3	27-Jun-11		7.16	7.18	0.02						
S-3	6-Jul-11		7.46	7.50	0.04						
S-3	18-Jul-11		7.80	7.83	0.03						
S-3	26-Jul-11		7.18	7.19	0.01						
S-3	2-Aug-11		7.12	7.14	0.02						
S-3	9-Aug-11		7.10	7.12	0.02						
S-3	15-Aug-11		7.25	7.27	0.02						
S-3	22-Aug-11		7.18	7.20	0.02						
S-3	29-Aug-11		7.21	7.22	0.01						
SUMP	22-Jun-10			4.38							
SUMP	30-Jun-10			4.36							
SUMP	6-Jul-10			4.37							
SUMP	13-Jul-10			4.36							
SUMP	20-Jul-10			4.29							
SUMP	27-Jul-10			4.20							
SUMP	18-Aug-10			4.42							
SUMP	24-Aug-10			4.40							
SUMP	31-Aug-10			4.38							
SUMP	21-Sep-10			4.35							
SUMP	30-Sep-10			4.40							
SUMP	12-Oct-10			4.45							
SUMP	3-Nov-10			4.54							
SUMP	15-Nov-10			4.66							
SUMP	2-Dec-10			4.70							
SUMP	10-Dec-10			4.68							
SUMP	10-Jan-11			7.88							
SUMP	2-Mar-11			4.42							
SUMP	7-Mar-11			4.38							

Notes:

- 1) GCGIER = groundwater component of the groundwater ingestion exposure route; COCs = constituents of concern
- 2) mg/L = milligrams per Liter; TOC = top-of-casing
- 3) <0.005 = concentration less than the laboratory reporting limit
- 4) Bold = a concentration above the Tier 1 groundwater remediation objective(s) established in 35 Illinois Administrative Code Part 742
- 5) All groundwater samples were analyzed for methyl tertiary butyl ether (MTBE) and/or benzene, toluene, ethylbenzene, and total xylenes using United States Environmental Protection Agency Method 8020 or 8021
- 6) Shading = not available, not applicable, or not present; Sheen = a sheen of free product was present on the groundwater; BDL = concentration below the laboratory detection limit; FP = free product present
- 7) Groundwater elevations are relative to a site specific datum of 100 feet
- 8) ^ = Gauging performed after hi-vac pumpout

Table 2
Free Product Recovery System Recovery Volumes

Shivam Energy, Inc.
399 West Liberty Street
Wauconda, Lake County, Illinois 60084

Date	Total Free Product Removed (gallons)	Total Free Product and Groundwater Removed (gallons)	Wells Used for Recovery
17-Jun-09	Free Product System Installed		MW-29, MW-31, RW-3, RW-5
24-Jun-09	20.00	55.00	MW-29, MW-31, RW-3, RW-5
16-Jul-09	18.33	51.94	MW-29, MW-31, RW-3, RW-5
23-Jul-09	1.00	3.06	MW-29, MW-31, RW-3, RW-5
4-Aug-09	20.00	55.00	MW-29, MW-31, RW-3, RW-5
11-Aug-09	11.00	27.12	MW-29, MW-31, RW-3, RW-5
18-Aug-09	9.00	27.88	MW-29, MW-31, RW-3, RW-6
25-Aug-09	9.90	27.50	MW-29, MW-31, RW-3, RW-6
1-Sep-09	4.95	13.75	MW-29, MW-31, RW-3, RW-6
10-Sep-09	4.95	13.75	MW-29, MW-31, RW-3, RW-6
17-Sep-09	8.74	13.55	MW-29, MW-31, RW-3, RW-6
24-Sep-09	14.40	22.32	MW-29, MW-31, RW-3, RW-6
30-Sep-09	12.34	19.13	MW-29, MW-31, RW-3, RW-6
1-Oct-09	0.52	0.80	MW-29, MW-31, RW-3, RW-6
7-Oct-09	12.34	19.13	MW-29, MW-31, RW-3, RW-6
23-Oct-09	22.62	35.07	MW-29, MW-31, RW-3, RW-6
28-Oct-09	12.86	19.93	MW-29, MW-31, RW-3, RW-6
9-Nov-09	22.62	35.07	MW-29, MW-31, RW-3, RW-6
24-Nov-09	8.85	11.54	MW-29, MW-31, RW-3, RW-6
3-Dec-09	0.00	7.69	MW-29, MW-31, RW-3, RW-6
8-Dec-09	0.00	0.77	MW-29, MW-31, RW-3, RW-6
8-Dec-09	Free Product System Disconnected		
17-Dec-09	0.01	0.50	MW-29, MW-31, RW-3, RW-5
22-Dec-09	0.01	0.50	MW-29, MW-31, RW-3, RW-5
28-Dec-09	0.01	0.15	MW-29, MW-31, RW-3, RW-5
6-Jan-10	0.02	0.33	MW-29, MW-31, RW-3, RW-5
11-Jan-10	0.01	0.31	MW-29, MW-31, RW-3, RW-5
19-Jan-10	0.01	0.22	MW-29, MW-31, RW-3, RW-5
25-Jan-10	0.13	0.33	MW-29, MW-31, RW-3, RW-5
2-Feb-10	0.50	0.66	MW-29, MW-31, RW-3, RW-5
8-Feb-10	0.38	0.66	MW-29, MW-31, RW-3, RW-5
16-Feb-10	0.20	0.38	MW-29, MW-31, RW-3, RW-5
22-Feb-10	0.01	0.24	MW-29, MW-31, RW-3, RW-5
1-Mar-10	0.01	0.10	MW-29, MW-31, RW-3, RW-5
8-Mar-10	0.01	0.10	MW-29, MW-31, RW-3, RW-5
18-Mar-10	Free Product System Restarted		
23-Mar-10	16.66	50.00	MW-29, MW-31, RW-3, RW-6
24-Mar-10			MW-29, MW-31, RW-3, RW-6
29-Mar-10			MW-29, MW-31, RW-3, RW-6
13-Apr-10	18.33	55.00	MW-29, MW-31, RW-3, RW-6
21-Apr-10	3.18	55.00	MW-29, MW-31, RW-3, RW-6
27-Apr-10	2.43	4.85	MW-29, MW-31, RW-3, RW-6
4-May-10	5.66	50.15	MW-29, MW-31, RW-3, RW-5
10-May-10	11.16	21.03	MW-29, MW-31, RW-3, RW-5
19-May-10	2.39	30.78	MW-29, MW-31, RW-3, RW-5
25-May-10	1.60	3.19	MW-29, MW-31, RW-3, RW-5
25-May-10			MW-29, MW-31, RW-3, RW-5
2-Jun-10	31.18	38.26	MW-29, MW-31, RW-3, RW-5
8-Jun-10	6.28	16.74	MW-29, MW-31, RW-3, RW-5
16-Jun-10	39.86	55.00	MW-29, MW-31, RW-3, RW-5
22-Jun-10	8.37	8.77	MW-29, MW-31, RW-3, RW-5
30-Jun-10	23.18	28.35	MW-29, MW-31, RW-3, RW-5
1-Jul-10	15.84	17.88	MW-29, MW-31, RW-3, RW-5
6-Jul-10	4.94	5.57	MW-29, MW-31, RW-3, RW-5
13-Jul-10	4.33	4.33	MW-29, MW-31, RW-3, RW-5
20-Jul-10	4.02	4.02	MW-29, MW-31, RW-3, RW-5
27-Jul-10	9.59	12.06	MW-29, MW-31, RW-3, RW-5
18-Aug-10	26.71	29.02	MW-29, MW-31, RW-3, RW-5
24-Aug-10	9.90	27.22	MW-29, MW-31, RW-3, RW-5
31-Aug-10	2.47	14.23	MW-29, MW-31, RW-3, RW-5

Table 2
Free Product Recovery System Recovery Volumes

Shivam Energy, Inc.
399 West Liberty Street
Wauconda, Lake County, Illinois 60084

Date	Total Free Product Removed (gallons)	Total Free Product and Groundwater Removed (gallons)	Wells Used for Recovery
1-Sep-10	9.06	33.55	MW-29, MW-31, RW-3, RW-5
21-Sep-10	13.13	40.22	MW-29, MW-31, RW-3, RW-5
30-Sep-11	3.28	9.00	MW-29, MW-31, RW-3, RW-5
12-Oct-10	5.78	5.78	MW-29, MW-31, RW-3, RW-5
3-Nov-10	4.10	4.10	MW-29, MW-31, RW-3, RW-5
15-Nov-10	4.10	4.10	MW-29, MW-31, RW-3, RW-5
2-Dec-10	Free Product System Disconnected		
2-Dec-10	7.39	7.39	MW-29, MW-31, RW-3, RW-5
10-Dec-10	1.00	4.00	RW-4, RW-5, RW-6, S-1, S-2, S-3, MW-26, MW-27, MW-29, MW-30, MW-31
22-Dec-10	0.60	2.50	RW-4, RW-5, RW-6, MW-26, MW-27, MW-30
27-Dec-10	1.25	5.00	RW-4, RW-5, RW-6, MW-26, MW-27, MW-30
29-Dec-10	0.50	2.00	RW-4, RW-5, RW-6, MW-29
5-Jan-11	20.00	1970.91	RW-3, RW-4, RW-5, RW-6, S-1, S-2, S-3, MW-26, MW-27, MW-29, MW-30
13-Jan-11	16.00	1600.00	RW-3, RW-4, RW-5, RW-6, MW-26, MW-27, MW-29, MW-30, MW-31, S-1, S-2, S-3
17-Jan-11	0.50	2.00	RW-5, MW-26, MW-27, MW-30, MW-31, S-1, S-2, S-3
28-Jan-11	25.00	2498.00	RW-3, RW-4, RW-5, RW-6, MW-26, MW-27, MW-29, MW-30, MW-31, S-1, S-2, S-3
7-Feb-11	0.38	1.13	RW-3, MW-30
22-Feb-11	0.75	1.25	RW-3, RW-6, MW-27
2-Mar-11	0.06	5.06	RW-3, RW-6, MW-27, MW-31
7-Mar-11	0.00	2.50	RW-6, MW-27, MW-29, MW-31
14-Mar-11	0.68	3.00	RW-3, RW-6, MW-29, MW-31
21-Mar-11	Free Product System Restarted		
28-Mar-11	0.05	0.50	
5-Apr-11	0.20	1.00	RW-6, MW-30
6-Apr-11	6.88	55.00	MW-29, MW-30, MW-31, RW-3, RW-5
12-Apr-11	0.50	1.00	MW-29
14-Apr-11	2.58	55.00	MW-29, MW-30, MW-31, RW-3, RW-5
19-Apr-11	0.10	0.50	MW-29
26-Apr-11	0.38	0.50	MW-29
5-May-11	5.16	55.00	MW-29, MW-30, MW-31, RW-3, RW-5
11-May-11	0.75	1.25	MW-29
12-May-11	7.75	55.00	MW-29, MW-30, MW-31, RW-3, RW-5
17-May-11	0.25	0.75	MW-29, RW-5
17-May-11	4.30	55.00	MW-29, MW-30, MW-31, RW-3, RW-5
2-Jun-11	0.30	1.50	MW-29
3-Jun-11	4.30	55.00	MW-29, MW-30, MW-31, RW-3, RW-5
6-Jun-11	0.15	0.50	MW-29
27-Jun-11	0.80	2.00	MW-29
28-Jun-11	13.77	55.00	MW-29, MW-30, MW-31, RW-3, RW-5
26-Jul-11	0.18	1.25	MW-27, MW-29, MW-31
2-Aug-11	0.30	1.25	MW-29
3-Aug-11	13.77	55.00	MW-29, MW-30, MW-31, RW-3, RW-5
9-Aug-11	0.62	3.75	MW-29, MW-31
15-Aug-11	0.38	0.75	MW-29
Totals:	641	7,654	

Notes:

- 1) Volumes listed above are from the free product recovery system and skimmers, as well as hand-bailing
- 2) Shading = not applicable

APPENDIX A
WASTE MANIFESTS

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number 0434825101	2. Page 1 of	3. Emergency Response Phone (630)529-0240	4. Manifest Tracking Number 007280114 JJK			
5. Generator's Name and Mailing Address North Branch Environmental 711 458 Garden ave Roselle, IL 60172 (630)529-0240			Generator's Site Address (if different than mailing address)					
6. Transporter 1 Company Name North Branch Environmental			U.P.M. 0350461E		U.S. EPA ID Number ILR000052977			
7. Transporter 2 Company Name					U.S. EPA ID Number			
8. Designated Facility Name and Site Address 7001 W. 47 th street McCook, IL 60525 (708)762-5119			U.S. EPA ID Number 0311740001					
Facility's Phone:								
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
	1.	Non-Hazardous Liquid	001	tl	55	g		
	2.							
	3.							
	4.							
14. Special Handling Instructions and Additional Information <i>Work order 924836</i>								
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Offieror's Printed/Typed Name <i>Steve McCook</i>					Signature <i>[Signature]</i>		Month Day Year 16 17 10	
TRANSPORTER INTL	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
	17. Transporter Acknowledgment of Receipt of Materials							
TRANSPORTER	Transporter 1 Printed/Typed Name <i>Steve McCook</i>					Signature <i>[Signature]</i>		Month Day Year 16 17 10
	Transporter 2 Printed/Typed Name					Signature		Month Day Year
DESIGNATED FACILITY	18. Discrepancy							
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
	Manifest Reference Number:							
18b. Alternate Facility (or Generator)					U.S. EPA ID Number			
Facility's Phone:								
18c. Signature of Alternate Facility (or Generator)						Month Day Year		
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
1.		2.		3.		4.		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a								
Printed/Typed Name					Signature		Month Day Year 16 17 10	

From: Clark Gas Stn, Rt. 176, Wauconda, IL

55 gals

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number 0434825101	2. Page 1 of	3. Emergency Response Phone (530) 529-0240	4. Manifest Tracking Number 007280122 JJK			
5. Generator's Name and Mailing Address North Branch Environmental 7 N 458 Garden ave Roselle, IL 60172 (530) 529-0240				Generator's Site Address (if different than mailing address):				
6. Transporter 1 Company Name North Branch Environmental		U.S. EPA ID Number IL035045111		U.S. EPA ID Number IL035045111		U.S. EPA ID Number IL035045111		
7. Transporter 2 Company Name		U.S. EPA ID Number		U.S. EPA ID Number		U.S. EPA ID Number		
8. Designated Facility Name and Site Address Orteck 701 W. 47th street McCook, IL 60525 (708) 762-5119				U.S. EPA ID Number 0311740001				
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers No. Type		11. Total Quantity	12. Unit WL/Vol.	13. Waste Codes
1.	Non-Hazardous Liquid Waste			001 tt		250	g	
2.								
3.								
4.								
14. Special Handling Instructions and Additional Information Work order 261-11								
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Offeror's Printed/Typed Name John S. ...				Signature [Signature]		Month Day Year 5 7 1988		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Transporter signature (for exports only): Port of entry/exit: Date leaving U.S.:								
17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Signature Month Day Year Transporter 2 Printed/Typed Name Signature Month Day Year								
18. Discrepancy 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number:								
18b. Alternate Facility (or Generator) Facility's Phone:				U.S. EPA ID Number				
18c. Signature of Alternate Facility (or Generator)						Month Day Year		
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
1.		2.		3.		4.		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name Signature Month Day Year								

GENERATOR

TRANSPORTER INTL

DESIGNATED FACILITY

m. Palatine, IL - 250 gals incl.
Macon, Ga. & Wilson, Ind. side, IL - 55 gals incl.
Clark, 349 Liberty, Waukegan, IL - 55 gals incl.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number <i>3-249-85121</i>	2. Page 1 of	3. Emergency Response Phone <i>(630) 529-0240</i>	4. Manifest Tracking Number 007281600 JJK		
5. Generator's Name and Mailing Address <i>ROBERTA BRILLI 711458 GARFIELD ROSELLE, IL 60572</i>			Generator's Site Address (if different than mailing address)				
6. Transporter 1 Company Name <i>North Branch Environmental</i>			UPL03504611L		U.S. EPA ID Number <i>ILR0000052977</i>		
7. Transporter 2 Company Name			U.S. EPA ID Number				
8. Designated Facility Name and Site Address <i>MECO 7801 W. 47th STREET McCook, IL 60525 (708) 762-5119</i>			U.S. EPA ID Number <i>0311740001</i>				
Facility's Phone:							
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers No. Type		11. Total Quantity	
	1.	<i>Non-Hazardous Liquid</i>		<i>001 Lt.</i>		<i>150</i>	
	2.						
	3.	<i>FROM: Marathon, Wilson + SA, Inglewood Repair Shop, 160 N Rt. 12, Fox Lake Clark, 399 Liberty, Wauconda</i>		<i>50 gal. incl. 58 gal. incl. 50 gal. incl.</i>			
	4.						
14. Special Handling Instructions and Additional Information <i>Work order 9235</i>							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offlor's Printed/Typed Name			Signature		Month	Day Year	
					<i>10</i>	<i>10</i>	
INT'L	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:						
	17. Transporter Acknowledgment of Receipt of Materials						
TRANSPORTER	Transporter 1 Printed/Typed Name			Signature		Month Day Year	
						<i>10 12 10</i>	
Transporter 2 Printed/Typed Name			Signature		Month Day Year		
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
Manifest Reference Number:							
DESIGNATED FACILITY	18b. Alternate Facility (or Generator)			U.S. EPA ID Number			
	Facility's Phone:						
18c. Signature of Alternate Facility (or Generator)					Month	Day Year	
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1.		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a							
Printed/Typed Name <i>Bob Kolak</i>			Signature <i>Bob Kolak</i>		Month	Day Year <i>10/19/10</i>	

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number 0434825191		2. Page 1 of		3. Emergency Response Phone (530) 529-0240		4. Manifest Tracking Number 007281727 JJK					
		5. Generator's Name and Mailing Address North Branch Environmental 7 N 452 Garden ave Roselle, IL 60172 (530) 529-0240						Generator's Site Address (if different than mailing address)					
6. Transporter 1 Company Name North Branch Environmental		U.S. EPA ID Number ILR000052977				7. Transporter 2 Company Name		U.S. EPA ID Number					
8. Designated Facility Name and Site Address 7601 W. 47 th street McCook, IL 60525 (708) 762-3119						U.S. EPA ID Number 0311740001							
9a. HM		9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))				10. Containers		11. Total Quantity		12. Unit Wt./Vol.		13. Waste Codes	
						No. Type							
1.		Non-Hazardous Liquid				001 LI		0		g			
2.													
3.													
4.													
14. Special Handling Instructions and Additional Information <p style="text-align: right;">Work order 1307</p>													
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.													
Generator's/Offoror's Printed/Typed Name										Signature		Month Day Year	
												10/1/76	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____													
17. Transporter Acknowledgment of Receipt of Materials													
Transporter 1 Printed/Typed Name										Signature		Month Day Year	
												09/1/76	
Transporter 2 Printed/Typed Name										Signature		Month Day Year	
18. Discrepancy													
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection													
Manifest Reference Number: _____													
18b. Alternate Facility (or Generator)										U.S. EPA ID Number			
Facility's Phone: _____													
18c. Signature of Alternate Facility (or Generator)										Month Day Year			
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)													
1.			2.			3.			4.				
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a													
Printed/Typed Name										Signature		Month Day Year	

Tom Clark 2991 North Lincoln Ave Chicago, IL

7/10/76

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number 0431835101	2. Page 1 of	3. Emergency Response Phone 7800529-0240	4. Manifest Tracking Number 007281928 JJK			
5. Generator's Name and Mailing Address North Branch Environmental 7 N 458 Garden ave Roselle, IL 60172 (630)529-0240				Generator's Site Address (if different than mailing address)				
Generator's Phone:				6. Transporter 1-Company Name North Branch Environmental		U.S. EPA ID Number ILR000052977		
7. Transporter 2 Company Name				U.S. EPA ID Number				
8. Designated Facility Name and Site Address 7601 W. 47th street McCook, IL 60525 (708)762-5119				U.S. EPA ID Number 0311740001				
Facility's Phone:								
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1.	Non-Hazardous Liquid		001 lt		55	g	
	2.							
	3.							
	4.							
14. Special Handling Instructions and Additional Information <p style="text-align: right;">Work order 92496</p>								
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Officer's Printed/Typed Name Steve				Signature Steve JJK		Month Day Year 10/12/10		
INT'L	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:							
	Transporter signature (for exports only):							
TRANSPORTER	17. Transporter Acknowledgment of Receipt of Materials							
	Transporter 1 Printed/Typed Name Steve		Signature Steve JJK		Month Day Year 10/12/10			
Transporter 2 Printed/Typed Name		Signature		Month Day Year				
DESIGNATED FACILITY	18. Discrepancy							
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
	Manifest Reference Number:							
	18b. Alternate Facility (or Generator)				U.S. EPA ID Number			
Facility's Phone:								
18c. Signature of Alternate Facility (or Generator)				Month Day Year				
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
1.		2.		3.		4.		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a								
Printed/Typed Name				Signature		Month Day Year		

From: Clark Gas Stn, Rt. 176, Wauconda, IL

55 gals

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number 0438525103	2. Page 1 of	3. Emergency Response Phone (630)529-0240	4. Manifest Tracking Number 007874763 JJK	
	5. Generator's Name and Mailing Address North Branch Environmental 711 458 Garden ave Pawlett, IL 60172 (630)529-0240				
6. Transporter 1 Company Name North Branch Environmental			U.S. EPA ID Number IL.R000052977		
7. Transporter 2 Company Name			U.S. EPA ID Number		
8. Designated Facility Name and Site Address Orleck 7601 W. 47th street McCook, IL 60525 (708)762-5119				U.S. EPA ID Number 0311740001	
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.
		13. Waste Codes			
1.	Non-Hazardous Liquid Wash Water	001	11	2000	g
2.					
3.					
4.					
14. Special Handling Instructions and Additional Information Work order 94/00					
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.					
Generator's/Offlor's Printed/Typed Name Tom Swartz		Signature <i>[Signature]</i>		Month 01	Day 05
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		Port of entry/exit: Date leaving U.S.:		Year 11	
17. Transporter Acknowledgment of Receipt of Materials					
Transporter 1 Printed/Typed Name Tom Swartz		Signature <i>[Signature]</i>		Month 01	Day 05
Transporter 2 Printed/Typed Name		Signature		Month	Day
18. Discrepancy					
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection					
Manifest Reference Number:					
18b. Alternate Facility (or Generator)				U.S. EPA ID Number	
Facility's Phone:					
18c. Signature of Alternate Facility (or Generator)				Month	Day
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)					
1.	2.	3.	4.		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a					
Printed/Typed Name		Signature		Month	Day
				Year	

from: Alack, 399 Liberty, Wauconda, IL

2000 gals

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number 0434823101	2. Page 1 of	3. Emergency Response Phone (630)529-0240	4. Manifest Tracking Number 007874873 JJK	
5. Generator's Name and Mailing Address North Branch Environmental 7 N 438 Garden ave Roxelle, IL 60172 (630)529-0240				Generator's Site Address (if different than mailing address)		
6. Transporter 1 Company Name North Branch Environmental				U.S. EPA ID Number ILR000052977		
7. Transporter 2 Company Name				U.S. EPA ID Number		
8. Designated Facility Name and Site Address O'clock 7601 W. 47th street McCook, IL 60325 (708)762-5119				U.S. EPA ID Number 0311740001		
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
1.	Non-Hazardous Liquid WASTE WATER	001	lt	1600	g	
2.						
3.						
4.						
14. Special Handling Instructions and Additional Information 94710 Work order 74053						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable International and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Offeror's Printed/Typed Name M. Saunier				Signature <i>[Signature]</i>		Month Day Year 1 13 11
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name M. Saunier				Signature <i>[Signature]</i>		Month Day Year 1 13 11
Transporter 2 Printed/Typed Name				Signature		Month Day Year
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
18b. Alternate Facility (or Generator) U.S. EPA ID Number						
18c. Signature of Alternate Facility (or Generator) Month Day Year						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1.	2.	3.	4.			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
Printed/Typed Name Juan Garcia				Signature <i>[Signature]</i>		Month Day Year 11 14 11

From: Clark Station, 399 Liberty, Wauconda, IL

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number 04340725101	2. Page 1 of	3. Emergency Response Phone (630)529-0240	4. Manifest Tracking Number 007874858 JJK	
		5. Generator's Name and Mailing Address North Branch Environmental 7 N 458 Garden ave Roxella, IL 60172 (630)529-0240			Generator's Site Address (if different than mailing address)	
6. Transporter 1 Company Name North Branch Environmental		UPL035046 ILL		U.S. EPA ID Number ILR000052977		
7. Transporter 2 Company Name				U.S. EPA ID Number		
8. Designated Facility Name and Site Address Orbeck 7601 W. 47 th street McCook, IL 60525 (708)762-3119		U.S. EPA ID Number 0311740001				
Facility's Phone:						
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group, if any)	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.
	1.	Non-Hazardous Liquid	001	lt	2500	B
	2.					
	3.					
	4.					
13. Waste Codes						
14. Special Handling Instructions and Additional Information 94-799 Work order 94217						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement (identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Offeror's Printed/Typed Name STEVE MOPHONBRINK		Signature Steve Mophonbrink		Month Day Year 1/28/11		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name STEVE MOPHONBRINK		Signature Steve Mophonbrink		Month Day Year 1/28/11		
Transporter 2 Printed/Typed Name		Signature		Month Day Year		
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
Manifest Reference Number:						
18b. Alternate Facility (or Generator)		U.S. EPA ID Number				
Facility's Phone:						
18c. Signature of Alternate Facility (or Generator)						Month Day Year
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1.		2.		3.		4.
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
Printed/Typed Name		Signature		Month Day Year		

From Clark Stn, 399 Liberty, Wauconda, IL

2500 gal.ols

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number 0434825101	2. Page 1 of	3. Emergency Response Phone (630)529-0240	4. Manifest Tracking Number 007873136 JJK	
5. Generator's Name and Mailing Address North Branch Environmental 7 N 458 Garden ave Roselle, IL 60172 (630)529-0240				Generator's Site Address (if different than mailing address)		
6. Transporter 1 Company Name North Branch Environmental				U.S. EPA ID Number ILK000052977		
7. Transporter 2 Company Name				U.S. EPA ID Number		
8. Designated Facility Name and Site Address Orleck 7601 W. 47th street McCook, IL 60525 (708)762-3119				U.S. EPA ID Number 0011740001		
Facility's Phone:						
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers No.	Type	11. Total Quantity
	1.	Non-Hazardous Liquid		001	U	35
	2.					
	3.					
	4.					
13. Waste Codes						
14. Special Handling Instructions and Additional Information 95091 Work order 94873						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Offeror's Printed/Typed Name North Branch Environmental				Signature <i>[Signature]</i>		Month Day Year 3 17 11
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name North Branch Environmental				Signature <i>[Signature]</i>		Month Day Year 3 17 11
Transporter 2 Printed/Typed Name				Signature		Month Day Year
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
Manifest Reference Number:						
18b. Alternate Facility (or Generator) U.S. EPA ID Number						
Facility's Phone:						
18c. Signature of Alternate Facility (or Generator) Month Day Year						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
Printed/Typed Name Clark Station				Signature <i>[Signature]</i>		Month Day Year 3 10 11

From: Clark Station, 399 Liberty, Wauconda, IL

35 gals

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number 0434025101	2. Page 1 of	3. Emergency Response Phone (630)529-0240	4. Manifest Tracking Number 007873353 JJK	
5. Generator's Name and Mailing Address North Branch Environmental 7 N 458 Garden ave Roselle, IL 60172 (630)529-0240				Generator's Site Address (if different than mailing address)		
6. Transporter 1 Company Name North Branch Environmental				U.S. EPA ID Number ILR000052977		UPM0350461HL
7. Transporter 2 Company Name				U.S. EPA ID Number		
8. Designated Facility Name and Site Address Orteck 7601 W. 47th street McCook, IL 60323 (708)763-5119				U.S. EPA ID Number 0311740001		
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
1.	Non-Hazardous Liquid	001	tt	285	g	
2.						
3.						
4.						
14. Special Handling Instructions and Additional Information Work order 94783						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Offlor's Printed/Typed Name L. J. ...				Signature <i>[Signature]</i>		Month Day Year 4 6 11
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name A. ...				Signature <i>[Signature]</i>		Month Day Year 4 6 11
Transporter 2 Printed/Typed Name				Signature		Month Day Year
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
18b. Alternate Facility (or Generator) Manifest Reference Number: U.S. EPA ID Number						
18c. Signature of Alternate Facility (or Generator) Month Day Year						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1.	2.	3.	4.			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
Printed/Typed Name L. J. ...				Signature <i>[Signature]</i>		Month Day Year 4 6 11

GENERATOR

TRANSPORTER INTL

DESIGNATED FACILITY

From: Clark, 399 Kibate, Wauconda, IL

TRANSPORTER'S COPY
55 gals incl.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number <i>023425101</i>		2. Page 1 of		3. Emergency Response Phone No. <i>(830) 325-0240</i>		4. Manifest Tracking Number 007873176 JJK					
		5. Generator's Name and Mailing Address <i>North Branch Environmental</i>						Generator's Site Address (if different than mailing address)					
6. Transporter 1 Company Name <i>North Branch Environmental</i>		U.S. EPA ID Number <i>ILAD000092977</i>		7. Transporter 2 Company Name		U.S. EPA ID Number		8. Designated Facility Name and Site Address <i>Ortek</i> <i>7601 W. 47th street</i> <i>McCook, IL 60325</i> <i>(708) 762-5119</i>					
9a. HM		9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))				10. Containers No. Type		11. Total Quantity		12. Unit Wt./Vol.		13. Waste Codes	
1.		<i>Non-Hazardous Liquid Waste Water</i>				<i>001 H</i>		<i>55</i>		<i>B</i>			
2.													
3.													
4.													
14. Special Handling Instructions and Additional Information <i>Work order 134623</i>													
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.													
Generator's/Offoror's Printed/Typed Name <i>North Branch Environmental</i>						Signature <i>[Signature]</i>		Month Day Year <i>04/14/11</i>					
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____													
17. Transporter Acknowledgment of Receipt of Materials													
Transporter 1 Printed/Typed Name <i>[Name]</i>						Signature <i>[Signature]</i>		Month Day Year <i>04/14/11</i>					
Transporter 2 Printed/Typed Name						Signature		Month Day Year					
18. Discrepancy													
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection													
Manifest Reference Number:													
18b. Alternate Facility (or Generator) U.S. EPA ID Number													
Facility's Phone:													
18c. Signature of Alternate Facility (or Generator) Month Day Year													
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)													
1.			2.			3.			4.				
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a													
Printed/Typed Name						Signature		Month Day Year					

From: Clark, Liberty Rt. 176, Wauconda, IL

55 gals

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number 0434825101	2. Page 1 of	3. Emergency Response Phone (630)529-0240	4. Manifest Tracking Number 007873319 JJK
5. Generator's Name and Mailing Address North Branch Environmental 7 N 458 Garden ave Roselle, IL 60172 (630)529-0240			Generator's Site Address (if different than mailing address)		
6. Transporter 1 Company Name North Branch Environmental			U.S. EPA ID Number UPM03304611L		U.S. EPA ID Number ILR000052977
7. Transporter 2 Company Name			U.S. EPA ID Number		U.S. EPA ID Number
8. Designated Facility Name and Site Address Ortek 7601 W. 47th street McCook, IL 60525 (708)762-5119			U.S. EPA ID Number 0311740001		
9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.
1.	Non-Hazardous Liquid	001	U	110	g
2.					
3.					
4.					
14. Special Handling Instructions and Additional Information 95395 Work order 94806					
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.					
Generator's/Offeror's Printed/Typed Name Steve Moore			Signature Steve Moore		Month Day Year 14 12 11
16. International Shipments <input type="checkbox"/> Import to U.S. <input checked="" type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:					
17. Transporter Acknowledgment of Receipt of Materials					
Transporter 1 Printed/Typed Name Steve Moore			Signature Steve Moore		Month Day Year 14 12 11
Transporter 2 Printed/Typed Name			Signature		Month Day Year
18. Discrepancy					
18a. Discrepancy Indication-Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection					
18b. Alternate Facility (or Generator) Manifest Reference Number: U.S. EPA ID Number					
18c. Signature of Alternate Facility (or Generator) Month Day Year					
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)					
1.		2.		3.	
1.		2.		3.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a					
Printed/Typed Name Steve Moore			Signature Steve Moore		Month Day Year 14 12 11

From: 399 Liberty, Wauconda, IL

110 gals

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number 033-R723101		2. Page 1 of 1		3. Emergency Response Phone (630) 529-0240		4. Manifest Tracking Number 007873411 JJK					
		5. Generator's Name and Mailing Address North Branch Environmental 7 N 450 Garden ave Rogelle, IL 60172 (630) 529-0240								Generator's Site Address (if different than mailing address)			
6. Transporter 1 Company Name North Branch Environmental								U.S. EPA ID Number ILR000052977		7. Transporter 2 Company Name UPM0350461HL		U.S. EPA ID Number	
8. Designated Facility Name and Site Address Ortech 7801 W. 47th Street McCook, IL 60325 (708) 763-3119								U.S. EPA ID Number 0311740001					
9a. HM		9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))				10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes			
1.		Non-Hazardous Liquid				001 tt		5	5				
2.													
3.													
4.													
14. Special Handling Instructions and Additional Information <p style="text-align: right;">Work order 40133</p>													
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.													
Generator's/Offoror's Printed/Typed Name B. J. Geyer								Signature <i>[Signature]</i>		Month 05		Day 17	Year 11
16. International Shipments <input type="checkbox"/> Import to U.S. <input checked="" type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____													
17. Transporter Acknowledgment of Receipt of Materials													
Transporter 1 Printed/Typed Name B. J. Geyer								Signature <i>[Signature]</i>		Month 05		Day 17	Year 11
Transporter 2 Printed/Typed Name								Signature		Month		Day	Year
18. Discrepancy													
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection													
Manifest Reference Number:													
18b. Alternate Facility (or Generator) U.S. EPA ID Number													
Facility's Phone:													
18c. Signature of Alternate Facility (or Generator) Month Day Year													
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)													
1.			2.			3.			4.				
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a													
Printed/Typed Name								Signature		Month		Day	Year

From: Former Clark Stn, 399 Liberty St, Wauconda, IL 55 gals

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number 0434825101	2. Page 1 of	3. Emergency Response Phone (630)529-0240	4. Manifest Tracking Number 007873511 JJK			
5. Generator's Name and Mailing Address North Branch Environmental 7 N 458 Garden ave Roselle, IL 60172 (630)529-0240				Generator's Site Address (if different than mailing address)				
Generator's Phone:		6. Transporter 1 Company Name North Branch Environmental		U.S. EPA ID Number UPM03504611L		U.S. EPA ID Number ILR000052977		
		7. Transporter 2 Company Name		U.S. EPA ID Number				
8. Designated Facility Name and Site Address Ortick 7601 W. 47th street McCook, IL 60523 (708)762-5119				U.S. EPA ID Number 0311740001				
Facility's Phone:								
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
1.	Non-Hazardous Liquid			001 H		95	g	
2.								
3.								
4.								
14. Special Handling Instructions and Additional Information Work order 94666								
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Offeror's Printed/Typed Name Bill Gordon				Signature <i>[Signature]</i>		Month Day Year 5 17 11		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____								
17. Transporter Acknowledgment of Receipt of Materials								
Transporter 1 Printed/Typed Name Bill Gordon				Signature <i>[Signature]</i>		Month Day Year 5 17 11		
Transporter 2 Printed/Typed Name				Signature		Month Day Year		
18. Discrepancy								
18a. Discrepancy Indication: Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection <input type="checkbox"/>								
Manifest Reference Number: _____								
18b. Alternate Facility (or Generator)				U.S. EPA ID Number				
Facility's Phone: _____								
18c. Signature of Alternate Facility (or Generator)						Month Day Year		
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
1.		2.		3.		4.		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a								
Printed/Typed Name				Signature		Month Day Year		

GENERATOR
INTL
TRANSPORTER
DESIGNATED FACILITY

From: Clark, Hebert, Wauconda, IL

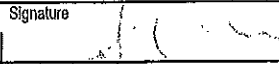
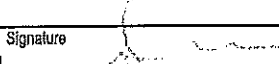
55 Gall

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number 0434E25101	2. Page 1 of	3. Emergency Response Phone (630)829-0240	4. Manifest Tracking Number 007873416 JJK	
5. Generator's Name and Mailing Address North Branch Environmental 7 N 458 Garden ave Roselle, IL 60172 (630)529-0240				Generator's Site Address (if different than mailing address)		
6. Transporter 1 Company Name North Branch Environmental				U.S. EPA ID Number ILR000052977		UPM0350461H
7. Transporter 2 Company Name				U.S. EPA ID Number		
8. Designated Facility Name and Site Address Orteck 7601 W. 47th street McCook, IL 60525 (708)762-3119				U.S. EPA ID Number 0911740001		
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
1.	Non-Hazardous Liquid	100	4	110	g	
2.						
3.						
4.						
14. Special Handling Instructions and Additional Information 74994/94656 Work order						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Offeror's Printed/Typed Name Steve McHenry				Signature <i>[Signature]</i>		Month Day Year 1 5 11
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name Steve McHenry				Signature <i>[Signature]</i>		Month Day Year 1 5 11
Transporter 2 Printed/Typed Name				Signature		Month Day Year
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
Manifest Reference Number: _____ U.S. EPA ID Number _____						
18b. Alternate Facility (or Generator) Facility's Phone: _____						
18c. Signature of Alternate Facility (or Generator)						Month Day Year
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1.	2.	3.	4.			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
Printed/Typed Name				Signature <i>[Signature]</i>		Month Day Year

26025 W. Grand, Ingleside, IL - Marathon - 55 gals incl.
 26025 W. Grand, Ingleside, IL - Marathon - 55 gals incl.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number 04348225101	2. Page 1 of	3. Emergency Response Phone (630)529-0240	4. Manifest Tracking Number 907873603 JJK						
5. Generator's Name and Mailing Address North Branch Environmental 7 N 458 Garden ave Roselle, IL 60172 (630)529-0240			Generator's Site Address (if different than mailing address)								
6. Transporter 1 Company Name North Branch Environmental		UPM03504611L		U.S. EPA ID Number ILR000052977							
7. Transporter 2 Company Name				U.S. EPA ID Number							
8. Designated Facility Name and Site Address Ortek 7601 W. 47th street McCook, IL 60523 (708)762-3110			U.S. EPA ID Number 0311740001								
Facility's Phone:											
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit WL/Vol.	13. Waste Codes				
	1.	Non-Hazardous Liquid	001	4	55	B					
	2.										
	3.										
	4.										
14. Special Handling Instructions and Additional Information 95679 Work order 95881											
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable International and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.											
Generator's/Officer's Printed/Typed Name Steve Moenenbrink		Signature <i>Steve Moenenbrink</i>		Month 16	Day 3	Year 11					
16. International Shipments. <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:											
17. Transporter Acknowledgment of Receipt of Materials											
Transporter 1 Printed/Typed Name Steve Moenenbrink		Signature <i>Steve Moenenbrink</i>		Month 16	Day 3	Year 11					
Transporter 2 Printed/Typed Name		Signature		Month	Day	Year					
18. Discrepancy											
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection											
Manifest Reference Number:											
18b. Alternate Facility (or Generator) U.S. EPA ID Number											
Facility's Phone:											
18c. Signature of Alternate Facility (or Generator) Month Day Year											
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)											
1.			2.			3.			4.		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a											
Printed/Typed Name Robert Kolac		Signature <i>Robert Kolac</i>		Month 16	Day 3	Year 11					

From: Clark Station, 399 Kebley St, Wauconda, IL 55 gals

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number <p style="text-align: center;">04JAB25101</p>		2. Page 1 of		3. Emergency Response Phone <p style="text-align: center;">(630)529-0240</p>		4. Manifest Tracking Number <p style="text-align: center; font-size: 1.2em;">907873784 JJK</p>					
		5. Generator's Name and Mailing Address <p style="text-align: center;">North Branch Environmental 7 N 458 Garden ave Roselle, IL 60172 (630)529-0240</p>								Generator's Site Address (if different than mailing address)			
6. Transporter 1 Company Name <p style="text-align: center;">North Branch Environmental</p>								U.S. EPA ID Number <p style="text-align: center;">ILR000052977</p>		UPM03504611L			
7. Transporter 2 Company Name								U.S. EPA ID Number					
8. Designated Facility Name and Site Address <p style="text-align: center;">Ortech 7601 W. 47th street McCook, IL 60525 (708)762-5119</p>								U.S. EPA ID Number <p style="text-align: center;">0311740001</p>					
9a. HM		9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))				10. Containers		11. Total Quantity	12. Unit Wt/Vol	13. Waste Codes			
						No.	Type						
		1. Non-Hazardous Liquid				001	H	55	B				
		2.											
		3.											
		4.											
14. Special Handling Instructions and Additional Information <p style="text-align: right; font-size: 1.2em;">Work order 1656</p>													
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.													
Generator's/Offeror's Printed/Typed Name <p style="text-align: center;">D. C. McCook</p>								Signature 		Month <p style="text-align: center;">16</p>		Day <p style="text-align: center;">28</p>	Year <p style="text-align: center;">16</p>
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____													
17. Transporter Acknowledgment of Receipt of Materials													
Transporter 1 Printed/Typed Name <p style="text-align: center;">D. C. McCook</p>								Signature 		Month <p style="text-align: center;">16</p>		Day <p style="text-align: center;">28</p>	Year <p style="text-align: center;">16</p>
Transporter 2 Printed/Typed Name								Signature		Month		Day	Year
18. Discrepancy													
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection													
Manifest Reference Number: _____ U.S. EPA ID Number _____													
18b. Alternate Facility (or Generator)													
Facility's Phone: _____													
18c. Signature of Alternate Facility (or Generator)													
Month _____ Day _____ Year _____													
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)													
1. _____			2. _____			3. _____			4. _____				
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a													
Printed/Typed Name								Signature		Month		Day	Year

From: Clark Station #6, 399 Liberty, Wauconda, IL 55 gals

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number 0434325101	2. Page 1 of	3. Emergency Response Phone (630)529-0240	4. Manifest Tracking Number 007873983 JJK			
5. Generator's Name and Mailing Address North Branch Environmental 7 N 438 Garden ave Roselle, IL 60173 (630)529-0240				Generator's Site Address (if different than mailing address)				
6. Transporter 1 Company Name North Branch Environmental		UPM035046111		U.S. EPA ID Number ILR000052977				
7. Transporter 2 Company Name				U.S. EPA ID Number				
8. Designated Facility Name and Site Address 7601 W. 47 th street McCook, IL 60523 (708)762-5119				U.S. EPA ID Number 0311740001				
Facility's Phone:								
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers No. Type		11. Total Quantity	12. Unlt. Wt./Vol.	13. Waste Codes
1.	Non-Hazardous Liquid Non-Hazardous Liquid			801 44		55	44	
2.								
3.								
4.								
14. Special Handling Instructions and Additional Information Work order 96313								
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR-262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Offerer's Printed/Typed Name D. J. Gordon				Signature <i>[Signature]</i>		Month Day Year 07/18/11		
16. International Shipments <input type="checkbox"/> Import to U.S. <input checked="" type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:								
17. Transporter Acknowledgment of Receipt of Materials								
Transporter 1 Printed/Typed Name D. J. Gordon				Signature <i>[Signature]</i>		Month Day Year 07/18/11		
Transporter 2 Printed/Typed Name				Signature		Month Day Year		
18. Discrepancy								
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection								
Manifest Reference Number:								
18b. Alternate Facility (or Generator)				U.S. EPA ID Number				
Facility's Phone:								
18c. Signature of Alternate Facility (or Generator)						Month Day Year		
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
1.		2.		3.		4.		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a								
Printed/Typed Name				Signature		Month Day Year		

From: Clark Stn, 399 Liberty St, Wauconda, IL

35 gals

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number 0434825101	2. Page 1 of	3. Emergency Response Phone (630)529-0240	4. Manifest Tracking Number 008751726 JJK
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5. Generator's Name and Mailing Address: **North Branch Environmental**
 7 N 438 Garden ave
 Roselle, IL 60173 (630)529-0240
 Generator's Site Address (if different than mailing address):

6. Transporter 1 Company Name: **North Branch Environmental** U.S. EPA ID Number: **ILR000052977**
 UPM0350461IL

7. Transporter 2 Company Name: U.S. EPA ID Number:

8. Designated Facility Name and Site Address: **Orteck** U.S. EPA ID Number: **0311740001**
 7601 W. 47th street
 McCook, IL 60523 (708)762-5119
 Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
		No.	Type					
1.	Non-Hazardous Liquid Waste Water	001	U	100	B			
2.								
3.								
4.								

14. Special Handling Instructions and Additional Information:
 Work order 75822

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offoror's Printed/Typed Name: **John Suenth** Signature: *[Signature]* Month: **08** Day: **29** Year: **11**

18. International Shipments: Import to U.S. Export from U.S. Port of entry/exit: **IL** Date leaving U.S.: **08/29/11**

17. Transporter Acknowledgment of Receipt of Materials
 Transporter 1 Printed/Typed Name: **John Suenth** Signature: *[Signature]* Month: **08** Day: **29** Year: **11**
 Transporter 2 Printed/Typed Name: Signature: *[Signature]* Month: Day: Year:

18. Discrepancy
 18a. Discrepancy Indication Space: Quantity Type Residue Partial Rejection Full Rejection

18b. Alternate Facility (or Generator): Manifest Reference Number: U.S. EPA ID Number:

18c. Signature of Alternate Facility (or Generator): Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
 1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
 Printed/Typed Name: Signature: Month: Day: Year:

GENERATOR
TRANSPORTER
DESIGNATED FACILITY

APPENDIX B
FREE PRODUCT REMOVAL BUDGET

General Information for the Budget and Billing Forms

LPC #: 0971855024 County: Lake

City: Wauconda Site Name: Shivam Energy, Inc.

Site Address: 399 West Liberty Street

IEMA Incident No.: 892744 903199

IEMA Notification Date: Dec 27, 1989 Oct 30, 1990

General Information

Date this form was prepared: August 31, 2011

This form is being submitted as a (check one, if applicable):

LPC #:

Budget Proposal

City:

Budget Amendment (Budget amendments must include only the costs over the previous budget.)

Site Address:

Billing Package

IEMA #:

Please provide the name(s) and date(s) of report(s) documenting the costs requested:

IEMA #:

Name(s): FPRP FPRP

Date:

Date(s): 04/06/2009 06/24/2010

This package is being submitted for the site activities indicated below:

35 III. Adm. Code 734:

Early Action

Free Product Removal after Early Action

Site Investigation Stage 1: Stage 2: Stage 3:

Corrective Action Actual Costs

35 III. Adm. Code 732:

Early Action

Free Product Removal after Early Action

Site Classification

Low Priority Corrective Action

High Priority Corrective Action

35 III. Adm. Code 731:

Site Investigation

Corrective Action

General Information for the Budget and Billing Forms

The following address will be used as the mailing address for checks and any final determination letters regarding payment from the Fund.

Pay to the order of: Shivam Energy, Inc.

Send in care of: Mr. Shawn Rodeck

Address: P.O. Box 825

City: Warrenville

State: Illinois

Zip: 60555-0825

The payee is the: Owner Operator (Check one or both.)

Rajani Patel

Signature of the owner or operator of the UST(s) (required)

If you have a change of address, [click here](#) to print off a W-9 Form.

Number of petroleum USTs in Illinois presently owned or operated by the owner or operator; any subsidiary, parent or joint stock company of the owner or operator; and any company owned by any parent, subsidiary or joint stock company of the owner or operator:

Fewer than 101: 101 or more:

Number of USTs at the site: 4 (Number of USTs includes USTs presently at the site and USTs that have been removed.)

Number of incidents reported to IEMA for this site: 3

Incident Numbers assigned to the site due to releases from USTs: 892744 903199

Please list all tanks that have ever been located at the site and tanks that are presently located at the site.

Product Stored in UST	Size (gallons)	Did UST have a release?	Incident No.	Type of Release Tank Leak / Overfill / Piping Leak
Gasoline	6,000	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	892744	Tank Leak
(same UST as above)	6,000	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	903199	Tank Leak
Gasoline	6,000	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	892744	Tank Leak
(same UST as above)	6,000	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	903199	Tank Leak
Gasoline	10,000	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	NA	
Gasoline	10,000	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	NA	
		Yes <input type="checkbox"/> No <input type="checkbox"/>		
		Yes <input type="checkbox"/> No <input type="checkbox"/>		
		Yes <input type="checkbox"/> No <input type="checkbox"/>		

Add More Rows

Undo Last Add

Budget Summary

Choose the applicable regulation: 734 732

734	Free Product	Stage 1 Site Investigation	Stage 2 Site Investigation	Stage 3 Site Investigation	Corrective Action
	Proposed	N/A	N/A	N/A	N/A
Drilling and Monitoring Well Costs Form	\$.00	\$	\$	\$	\$
Analytical Costs Form	\$	\$	\$	\$	\$
Remediation and Disposal Costs Form	\$ 10,775.40	\$	\$	\$	\$
UST Removal and Abandonment Costs Form	\$.00	\$	\$	\$	\$
Paving, Demolition, and Well Abandonment Costs Form	\$.00	\$	\$	\$	\$
Consulting Personnel Costs Form	\$ 11,344.12	\$	\$	\$	\$
Consultant's Materials Costs Form	\$ 3,008.00	\$	\$	\$	\$
Handling Charges Form	Handling charges will be determined at the time a billing package is submitted to the Illinois EPA. The amount of allowable handling charges will be determined in accordance with the Handling Charges Form.				
Total	\$ 25,127.52	\$	\$	\$	\$

Drilling and Monitoring Well Costs Form

1. Drilling

Number of Borings to Be Drilled	Type HSA/PUSH/ Injection	Depth (feet) of Each Boring	Total Feet Drilled	Reason for Drilling

Subpart H minimum payment amount applies.

	Total Feet	Rate per Foot (\$)	Total Cost (\$)
Total Feet via HSA:			
Total Feet via PUSH:			
Total Feet for Injection via PUSH:			
Total Drilling Costs:			

2. Monitoring / Recovery Wells

Number of Wells	Type of Well HSA / PUSH / 4" or 6" Recovery / 8" Recovery	Diameter of Well (inches)	Depth of Well (feet)	Total Feet of Wells to Be Installed (\$)

Well Installation	Total Feet	Rate per Foot (\$)	Total Cost (\$)
Total Feet via HSA:			
Total Feet via PUSH:			
Total Feet of 4" or 6" Recovery:			
Total Feet of 8" or Greater Recovery:			
Total Well Costs:			

Total Drilling and Monitoring Well Costs:	
--	--

Remediation and Disposal Costs Form

A. Conventional Technology

Excavation, Transportation, and Disposal of contaminated soil and/or the 4-foot backfill material removal during early action activities:

Number of Cubic Yards	Cost per Cubic Yard (\$)	Total Cost

Backfilling the Excavation:

Number of Cubic Yards	Cost per Cubic Yard (\$)	Total Cost

Overburden Removal and Return:

Number of Cubic Yards	Cost per Cubic Yard (\$)	Total Cost

B. Alternative Technology

Alternative Technology Selected:	
Number of Cubic Yards of Soil to Be Remediated	
Total Non-Consulting Personnel Costs Summary Sheet (\$)	
Total Remediation Materials Costs Summary Sheet (\$)	
Total Cost of the System	

Remediation and Disposal Costs Form

C. Groundwater Remediation and/or Free Product Removal System

Total Non-Consulting Personnel Costs Summary Sheet (\$)	
Total Remediation Materials Costs Summary Sheet (\$)	
Total Cost of the System	

D. Groundwater and/or Free Product Removal and Disposal

Subpart H minimum payment amount applies.

Number of Gallons	Cost per Gallon (\$)	Total Cost (\$)
5,000	0.78	3,900.00

E. Drum Disposal

Subpart H minimum payment amount applies.

Number of Drums of Solid Waste	Cost per Drum (\$)	Total Cost (\$)
Number of Drums of Liquid Waste	Cost per Drum (\$)	Total Cost (\$)
12	572.95	6,875.40
Total Drum Disposal Costs		6,875.40

Total Remediation and Disposal Costs:	\$10,775.40
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Consulting Personnel Costs Form

Employee Name	Personnel Title	Hours	Rate* (\$)	Total Cost
Remediation Category	Task			
Kim Miller	Senior Project Manager	24.00	114.59	\$2,750.16
FP-Plan	FPRP preparation; project management and coordination			
Shawn Rodeck	Senior Prof. Engineer	4.00	148.97	\$595.88
FP-Plan	FPRP review and certification			
Kimberly Henkel	Senior Admin. Assistant	2.00	51.57	\$103.14
FP-Plan	FPRP correspondence, copying, and mailing			
Kim Miller	Senior Project Manager	8.00	114.59	\$916.72
FP-Budget	FPR Budget preparation			
Shawn Rodeck	Senior Prof. Engineer	2.00	148.97	\$297.94
FP-Budget	FPR Budget review and certification			
Kimberly Henkel	Senior Acct. Technician	12.00	63.02	\$756.24
FP-Pay	Reimbursement claim preparation			
Shawn Rodeck	Senior Prof. Engineer	2.00	148.97	\$297.94
FP-Pay	Reimbursement claim review and certification			
Randy Wilson	Senior Technician	70.00	74.48	\$5,213.60
FP-Field	Free product system O&M; free product recovery			

Employee Name	Personnel Title	Hours	Rate* (\$)	Total Cost
Remediation Category	Task			

Senior Draftperson/CAD	Senior Draftperson/CAD	6.00	68.75	\$412.50
FP-Plan	Figures preparation			

*Refer to the applicable Maximum Payment Amounts document.

Total of Consulting Personnel Costs	\$11,344.12
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Consultant's Materials Costs Form

Materials, Equipment, or Field Purchase		Time or Amount Used	Rate (\$)	Unit	Total Cost
Remediation Category	Description/Justification				
Truck		20.00	105.00	day	\$2,100.00
FP-Field	Used for consultant transportation to and from the site				
Reimbursement Claim Shipping		1.00	15.00	claim	\$15.00
FP-Pay	Reimbursement claim shipping				
Interface Meter		20.00	35.00	day	\$700.00
FP-Field	Used to gauge the wells during free product system O&M activities				
Nitrile Gloves		260.00	.50	pair	\$130.00
FP-Field	Used to protect hands during soil sampling and free product system O&M activities				
Distilled Water - Stock Item		24.00	2.00	gallon	\$48.00
FP-Field	Used to decontaminate the interface probe during gauging				
FRPR Shipping		1.00	15.00	plan	\$15.00
FP-Plan	FRPR shipping				
Total of Consultant Materials Costs					\$3,008.00

APPENDIX C

**OWNER/OPERATOR AND LICENSED PROFESSIONAL
ENGINEER/GEOLOGIST BUDGET CERTIFICATION FORM**

Owner/Operator and Licensed Professional Engineer/Geologist Budget Certification Form

I hereby certify that I intend to seek payment from the UST Fund for costs incurred while performing corrective action activities for Leaking UST incident 903199. I further certify that the costs set forth in this budget are for necessary activities and are reasonable and accurate to the best of my knowledge and belief. I also certify that the costs included in this budget are not for corrective action in excess of the minimum requirements of 415 ILCS 5/57, no costs are included in this budget that are not described in the corrective action plan, and no costs exceed Subpart H: Maximum Payment Amounts, Appendix D Sample Handling and Analysis amounts, and Appendix E Personnel Titles and Rates of 35 Ill. Adm. Code 732 or 734. I further certify that costs ineligible for payment from the Fund pursuant to 35 Ill. Adm. Code 732.606 or 734.630 are not included in the budget proposal or amendment. Such ineligible costs include but are not limited to:

- Costs associated with ineligible tanks.
- Costs associated with site restoration (e.g., pump islands, canopies).
- Costs associated with utility replacement (e.g., sewers, electrical, telephone, etc.).
- Costs incurred prior to IEMA notification.
- Costs associated with planned tank pulls.
- Legal fees or costs.
- Costs incurred prior to July 28, 1989.
- Costs associated with installation of new USTs or the repair of existing USTs.

Owner/Operator: Shivam Energy, Inc.

Authorized Representative: Rajani Patel

Title: Owner

Signature: Rajani Patel

Date: June 10/2011

Subscribed and sworn to before me the 10 day of June, 2011

Sandra L. Rodeck
(Notary Public)

Seal:



In addition, I certify under penalty of law that all activities that are the subject of this plan, budget, or report were conducted under my supervision or were conducted under the supervision of another Licensed Professional Engineer or Licensed Professional Geologist and reviewed by me; that this plan, budget, or report and all attachments were prepared under my supervision; that, to the best of my knowledge and belief, the work described in the plan, budget, or report has been completed in accordance with the Environmental Protection Act [415 ILCS 5], 35 Ill. Adm. Code 732 or 734, and generally accepted standards and practices of my profession; and that the information presented is accurate and complete. I am aware there are significant penalties for submitting false statements or representations to the Illinois EPA, including but not limited to fines, imprisonment, or both as provided in Sections 44 and 5 of the Environmental Protection Act [415 ILCS 5/44 and 57.17].

L.P.E./L.P.G.: Shawn Rodeck

L.P.E./L.P.G. Seal:

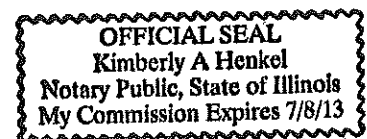
L.P.E./L.P.G. Signature: Shawn Rodeck

Date:

Subscribed and sworn to before me the 21 day of September, 2011

Kimberly A Henkel
(Notary Public)

Seal:



The Illinois EPA is authorized to require this information under 415 ILCS 5/1. Disclosure of this information is required. Failure to do so may result in the delay or denial of any budget or payment requested hereunder.

APPENDIX D

**OFFICE OF THE STATE FIRE MARSHAL ELIGIBILITY AND
DEDUCTIBLE DETERMINATION LETTER**



Office of the Illinois
State Fire Marshal

"Partnering With the Fire Service to Protect Illinois"

CERTIFIED MAIL - RECEIPT REQUESTED #7008 2810 0000 2103 5290

April 28, 2009

Shivam Energy, Inc.
399 W. Liberty Street
Wauconda, IL 60084

In Re: Facility No. 2-010129
IEMA Incident No. 90-3199
Liberty Clark
399 Liberty Street
Wauconda, Lake Co., IL

Dear Applicant:

The Reimbursement Eligibility and Deductible Application received on April 24, 2009 for the above referenced occurrence has been reviewed. The following determinations have been made based upon this review.

You have filed an "Election to Proceed as Owner" and have received acceptance from the Illinois Environmental Protection Agency. It has been determined that you are eligible to seek payment of costs in excess of \$10,000. The costs must be in response to the occurrence referenced above and associated with the following tanks:

Eligible Tanks

Tank 1 6,000 gallon Gasoline
Tank 2 6,000 gallon Gasoline

You must contact the Illinois Environmental Protection Agency to receive a packet of Agency billing forms for submitting your request for payment.

An owner or operator is eligible to access the Underground Storage Tank Fund if the eligibility requirements are satisfied:

1. Neither the owner nor the operator is the United States Government,
2. The tank does not contain fuel which is exempt from the Motor Fuel Tax Law,
3. The costs were incurred as a result of a confirmed release of any of the following substances:

"Fuel", as defined in Section 1.19 of the Motor Fuel Tax Law

Aviation fuel

Heating oil

Kerosene

Used oil, which has been refined from crude oil used in a motor vehicle, as defined in Section 1.3 of the Motor Fuel Tax Law.

4. The owner or operator registered the tank and paid all fees in accordance with the statutory and regulatory requirements of the Gasoline Storage Act.
5. The owner or operator notified the Illinois Emergency Management Agency of a confirmed release, the costs were incurred after the notification and the costs were a result of a release of a substance listed in this Section. Costs of corrective action or indemnification incurred before providing that notification shall not be eligible for payment.
6. The costs have not already been paid to the owner or operator under a private insurance policy, other written agreement, or court order.
7. The costs were associated with "corrective action".

This constitutes the final decision as it relates to your eligibility and deductibility. We reserve the right to change the deductible determination should additional information that would change the determination become available. An underground storage tank owner or operator may appeal the decision to the Illinois Pollution Control Board (Board), pursuant to Section 57.9 (c) (2). An owner or operator who seeks to appeal the decision shall file a petition for a hearing before the Board within 35 days of the date of mailing of the final decision, (35 Illinois Administrative Code 105.102(a) (2)).

For information regarding the filing of an appeal, please contact:

Dorothy Gunn, Clerk
Illinois Pollution Control Board
State of Illinois Center
100 West Randolph, Suite 11-500
Chicago, Illinois 60601
(312) 814-3620

The following tanks are also listed for this site:

Tank 3 10,000 gallon Gasoline
Tank 4 10,000 gallon Gasoline

Your application indicates that there has not been a release from these tanks under this incident number. You may be eligible to seek payment of corrective action costs associated with these tanks if it is determined that there has been a release from one or more of these tanks. Once it is determined that there has been a release from one or more of these tanks you may submit a separate application for an eligibility determination to seek corrective action costs associated with this/these tanks.

If you have any questions, please contact our Office at (217) 785-1020 or (217) 785-5878.

Sincerely,



Deanne Lock
Administrative Assistant
Division of Petroleum and Chemical Safety

cc: IEPA
Facility File