TRICORE ENVIRONMENTAL, LLC

February 12, 2014

VIA USPS PRIORITY MAIL
WITH DELIVERY CONFIRMATION

Mr. Eric Kuhlman
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. Kuhlman:

TriCore Environmental, LLC (TriCore), on behalf of Shivam Energy, Inc., is providing one original and one copy of the Illinois Environmental Protection Agency (IEPA) Free Product Removal Report (FPRR) and Budget for the Illinois Emergency Management Agency (IEMA) incident number referenced above.

In a letter dated January 9, 2014, the IEPA rejected the FPRR and Budget dated September 16, 2013. The FPRR and Budget were rejected for the following reasons as indicated within the letter.

Attachment A

1. **The Agency will require the submittal of a Corrective Action Plan and budget including the above-mentioned information within 90 days from the date of this letter.**

   On June 16, 2009, TriCore submitted an Amended Corrective Action Plan (CAP) and Budget to the IEPA for IEMA incident numbers 892744 and 903199. On October 21, 2009, the IEPA modified the CAP and Budget.

   On April 23, 2010, TriCore submitted an Amended CAP and Budget to the IEPA for IEMA incident numbers 892744 and 903199. On August 23, 2010, the IEPA approved the Amended CAP and Budget.

   Currently, TriCore is performing corrective action activities at the site in accordance with the activities proposed in the Amended CAPs. Summaries of the Amended

CAPs and a brief description of the corrective action activities completed since the modification and approval of the Amended CAPs are provided below.

June 16, 2009 Amended CAP Summary

The site is located approximately 449 feet south of the Village of Wauconda community water supply (CWS) well located north of the site in Osage Park, and is located within the wellhead protection area of the CWS well. Therefore, the Amended CAP proposed to remediate the on-site and off-site groundwater concentrations to the Tier 1, Class I groundwater remediation objectives (GROs) and the on-site soil concentrations to the Tier 2, Class I soil remediation objectives (SROs) for the soil component of the groundwater ingestion exposure route (SCGIER) utilizing a dual phase extraction (DPE) system. The Tier 2 SROs were proposed in the Amended CAP.

The Amended CAP proposed that a minimum of 24 months will be required to remediate the soil and groundwater concentrations to the applicable remediation objectives.

During the operation of the DPE system, quarterly groundwater monitoring will be conducted until groundwater concentrations remain below the Tier 1, Class I GROs for two quarters after the DPE system has been shut down. TriCore will request permission from the IEPA to shut the system down after groundwater concentrations are below the Tier 1, Class I GROs. The system may be restarted if groundwater concentrations exceed the Tier 1, Class I GROs in any of the wells during future groundwater sampling events. Please note that in the letter dated October 21, 2009, the IEPA modified the Amended CAP so that the quarterly groundwater sampling only is conducted on the monitoring wells with groundwater concentrations above the Tier 1, Class I GROs, RW-1 through RW-10, and the monitoring wells located in Osage Park.

Six months after the system has been shut down, soil borings will be installed and soil samples will be collected from the locations which previously exhibited soil concentrations above the Tier 2, Class I SROs for the SCGIER. The DPE system may be restarted and additional extraction wells added if soil concentrations remain above the Tier 2 SROs. TriCore will request permission from the IEPA to restart the DPE system and install additional extraction wells if required.

In addition to the DPE system, the Amended CAP proposed the installation of two groundwater monitoring wells in Osage Park to address the benzene concentrations above the Tier 1 SROs in soil samples B-4c and B-5b. In a letter dated May 16, 2008, the IEPA stated that since the benzene concentrations above the Tier 1 SROs in B-4c and B-5b are below the shallow groundwater table that exists in Osage Park, these concentrations should be addressed through the installation of monitoring wells and treated as a groundwater issue. TriCore is in the process of obtaining a permit from the Wauconda Park District for the installation of the monitoring wells in Osage Park.

April 23, 2010 Amended CAP Summary

The Amended CAP proposed the installation of an on-site reinfiltration gallery for the discharge of the DPE system treated groundwater since the Village of Wauconda would not allow discharge of the treated groundwater into their sewer system. Discharge into the Village of Wauconda sewer system was proposed in the Amended CAP dated June 16, 2009.

DPE System Installation and Operation

Between October 2012 and October 2013, various activities associated with the installation of the DPE system were completed including trenching and reinfiltration gallery excavation, piping and recovery well installation, DPE system delivery and connection, power supply installation, and baseline groundwater sampling. In November 2013, the DPE system was started.

Further details regarding the installation and operation of the DPE system will be provided in a subsequent report.

2. **The Agency intends to use the appropriate institutional controls listed above to meet the minimum requirements of Title XVI of the Act.**

Please note that the institutional controls described below will be proposed in a subsequent Amended CAP, but may change based on the results from the soil and groundwater sampling activities completed after the DPE system is shut down.

The site is currently an active gasoline retail station. Currently, the owner plans to continue to operate the property as a gasoline retail station. As a result, the industrial/commercial remediation objectives will be utilized for the site and an industrial/commercial land use restriction will be placed on the property.

Additionally, after the DPE system is shut down and the soil borings are completed, if soil concentrations along the property boundaries that border West Liberty Street, Bangs Street, and Osage Street remain above the Tier 1, Class I SROs for the SCGIER but below the Tier 2, Class I SROs for the SCGIER, highway authority agreements (HAAs) may be proposed for these roadways.

Since the on-site and off-site groundwater concentrations will be remediated to the Tier 1, Class I GROs, and the on-site soil concentrations will be remediated to the Tier 2, Class I SROs for the SCGIER, utilization of any additional on-site or off-site institutional controls would not change the remediation objectives for the site. Therefore, no additional institutional controls will be relied upon at this time to achieve the remediation objectives for the site.

3. **TriCore has not submitted the necessary documentation to demonstrate that dual phase extraction would remediate the residual soil and groundwater contamination more effectively than the institutional controls mentioned in item #2.**

As mentioned above in Item 1., TriCore is performing corrective action activities at the site in accordance with the activities proposed in the Amended CAP dated June 16, 2009, and the Amended CAP dated April 23, 2010.

As mentioned above in Item 2., an industrial/commercial land use restriction will be placed on the property. Additionally, HAAs for West Liberty Street, Bangs Street, and Osage Street may be proposed for these roadways, if required. No additional institutional controls will be relied upon at this time since they will not achieve the remediation objectives for the site because of the following: 1) the groundwater contamination that is present both on-site and off-site is within the wellhead protection area of the Village of Wauconda CWS well located in Osage Park, and 2) contaminated groundwater has migrated from the site into Osage Park and the edge of the plume is within the 200-foot setback zone of the CWS. The DPE system will address the contaminated groundwater on-site and off-site.

If you should have any questions concerning this submittal or require additional information, please contact the undersigned at (630) 520-9973 ext. 1002 or by email at marcos.czako@tricoreweb.com.

Sincerely,

Marcos I. Czakó, P.G.
Sr. Project Manager

Shawn Rodeck, P.E.
President

cc: Mr. Rajani Patel, Shivam Energy, Inc., 399 West Liberty Street, Wauconda, Illinois 60084
Mr. Indravadan Patel, Jay Shri Ganesha Inc., 399 West Liberty Street, Wauconda, Illinois 60084
Ms. Gwen Carey, 363 Bangs Street, Wauconda, Illinois 60084
Ms. Patricia Oaks, CIAO, Wauconda Township, 505 West Bonner Road, Wauconda, Illinois 60084

Attachment

TRICORE ENVIRONMENTAL, LLC

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY FREE PRODUCT REMOVAL REPORT

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

February 12, 2014

TABLE OF CONTENTS

FIGURES

TABLES

APPENDICIES

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 P.O. 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 August 15, 2011 were provided in the Free Product Removal Plan dated September 21, 2011. Details regarding the free product removal activities completed from August 22, 2011 through July 3, 2013 are provided below.

   Gauging and Free Product Recovery

   From August 22, 2011 through July 3, 2013, TriCore Environmental, LLC (TriCore) periodically gauged MW-2, MW-4, MW-6, MW-8S, MW-8D, MW-9S, MW-9D, MW-10S, MW-10D, MW-11S, MW-11D, MW-12S, MW-12D, MW-13, MW-25 through MW-32, RW-1 through RW-10, RW-1 ('04), and S-1 through S-3. The locations of the wells are illustrated on Figure 1. The wells were gauged with an electronic oil/water interface meter equipped with an audible signal. The meter was washed with a distilled water and Simple Green® mixture between each use. Free product ranging in thicknesses between 0.01 to 1.30 feet has been present in MW-26, MW-27, MW-29 through MW-31, RW-3 through RW-6, RW-8, and S-1 through S-3 during these dates. On July 3, 2013, free product greater than 1/8 of an inch in thickness was not present in any of the wells that were gauged. Gauging results are summarized in Table 1. The wells exhibiting detectable free product on July 3, 2013, including free product thicknesses, are illustrated on Figure 2.

Since the day that free product has been detected in the monitoring, recovery, and sump wells at the site, TriCore has removed a total of 26,267.63 gallons of groundwater and free product, of which, approximately 681.52 gallons was free product. The groundwater and free product were removed using dedicated, disposable high density polyethylene (HDPE) bailers, passive skimmers, the free product recovery system, and pump trucks during high vacuum extraction (HVE) events. Further details regarding the free product recovery system are provided below in Section C. 3. The recovered free product and groundwater has been contained on site in 55-gallon drums that have been labeled with nonhazardous waste labels. The volumes of free product and groundwater removed are summarized in three tables: 1) Table 2 summarizes the volumes removed utilizing HDPE bailers and passive skimmers, 2) Table 3 summarizes the volumes removed by the free product recovery system, and 3) Table 4 summarizes the volumes removed during the HVE events.

Once the on-site 55-gallon drums were full, TriCore contracted North Branch Environmental (North Branch) of Roselle, Illinois to pump out or pick up the drums and transport the free product and groundwater to Ortek in McCook, Illinois for treatment and disposal. Between August 22 and December 1, 2011, North Branch was on site a total of eight times to pump out the drums. On April 5, 2012, TriCore transported four empty 55-gallon drums to the site to be connected to the free product recovery system. On August 2, 2012, North Branch picked up four drums, and on October 18, 2012, North Branch picked up three drums. On the dates that North Branch picked up the drums, a replacement drum was dropped off for each drum that was picked up. The dates that North Branch was contracted to pump out or pick up the drums are summarized in Table 3. Copies of the waste manifests are provided in Appendix A. Please note that the waste manifest for the drum pick up on October 18, 2012 also includes 55 gallons for purged groundwater that was generated during previous groundwater sampling events.

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

TriCore utilized the free product recovery system that was installed on June 17, 2009 to continually recover free product from the site. The free product recovery system provided a means of recovering free product without recovering a large volume of groundwater from the wells. The free product recovery system operated continuously from August 22, 2011 through November 30, 2011 and from March 14, 2012 through November 30, 2012. The system was shut down on November 30, 2011 and November 30, 2012 due to the freezing temperatures which would affect the operation of the system. The free product recovery system was not restarted after it was shut down on November 30, 2012.

During the time periods while the free product recovery system was operating, operation and maintenance (O&M) events were performed on a weekly to biweekly basis. During each O&M event, select wells were gauged with an electronic oil/water interface meter equipped with an audible signal. The meter was washed with a distilled water and Simple Green® mixture between each use. The passive 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 O&M event, when the free product thicknesses were reevaluated.

During the time periods while the free product recovery system was shut down up through July 3, 2013, free product gauging and recovery was performed on a weekly to biweekly basis utilizing the following methods. The passive skimmers utilized during the operation of the free product recovery system remained in the wells to recover free product. The passive skimmers were manually emptied during each gauging event. In the wells where free product was present at a thickness of greater than 0.01 feet but a passive skimmer was not installed, TriCore utilized dedicated, disposable HDPE bailers to recover free product from the wells. The bailers and skimmers provided a means of recovering free product without recovering a large volume of groundwater from the wells.

In December 2012, free product in MW-26, MW-27, MW-29 through MW-31, RW-3 through RW-6, and RW-8 was at some of its greatest thicknesses. Therefore, during these time periods, pump trucks were utilized to perform HVE events on these wells. The HVE events provided a means of recovering the free product from the wells and created a constant cone of depression in the wells to allow the free product from the surrounding soils to enter the wells and also be recovered.

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 on or off site during the free product recovery activities conducted between August 22, 2011 and July 3, 2013.

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 on or off site during the free product recovery activities conducted between August 22, 2011 and July 3, 2013.

6. **The disposition of the recovered free product;**

   The free product and groundwater that were recovered during the free product recovery activities conducted between August 22, 2011 and July 3, 2013 were contained on site in 55-gallon drums. Once the on-site 55-gallon drums were full, TriCore contracted North Branch to pump out or pick up the drums and transport the free product and groundwater to Ortek for treatment and disposal.

   Between August 22 and December 1, 2011, North Branch was on site a total of eight times to pump out the drums. On August 2, 2012, North Branch picked up four drums, and on October 18, 2012, North Branch picked up three drums. The dates that North Branch was contracted to pump out or pick up the drums are provided in Table 3. 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 on or off site during the free product recovery operations conducted between August 22, 2011 and July 3, 2013; therefore, no discharge permits were 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 Illinois Emergency Management Agency 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

   Based on the results from the free product recovery activities completed on July 3, 2013, free product greater than 1/8 of an inch in thickness was not present in any of the wells that were gauged. Therefore, no additional activities to determine the extent of the free product are required at this time. Gauging results are summarized in Table 1. The wells exhibiting detectable free product on July 3, 2013, including free product thicknesses, are illustrated on Figure 2.

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

   No future free product recovery activities are being proposed since free product greater than 1/8 of an inch in thickness was not present in any of the wells that were gauged on July 3, 2013.

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**

   Tables showing the dates that free product recovery was conducted and the amount of free product recovered on each date are summarized in Tables 2 through 4.

3. **Copies of waste manifests.**

   Copies of the waste manifests for the free product and groundwater that were recovered from the site and transported to Ortek for disposal 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.

As mentioned above in Section C. 2., free product greater than 1/8 of an inch in thickness was not present in any of the wells that were gauged on July 3, 2013. Therefore, no additional free product recovery activities are required at this time.

Costs associated with the free product recovery activities conducted between August 22, 2011 and July 3, 2013 are provided in the Free Product Removal Budget provided in Appendix B. An Owner/Operator and Licensed Professional Engineer/Geologist Budget Certification Form is provided in Appendix C. A copy of the Office of the Illinois State Fire Marshal Eligibility and Deductible Determination letter is provided in Appendix D.

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:
Date: 2/4/14

Consultant

Company: TriCore Environmental, LLC
Contact: Marcos I. Czakó, P.G.
Address: 1800 W. Hawthorne Ln., Suite P
City: West Chicago
State: Illinois
ZIP Code: 60185
Phone: (630) 520-9973
Signature:
Date: 02/12/2014

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].

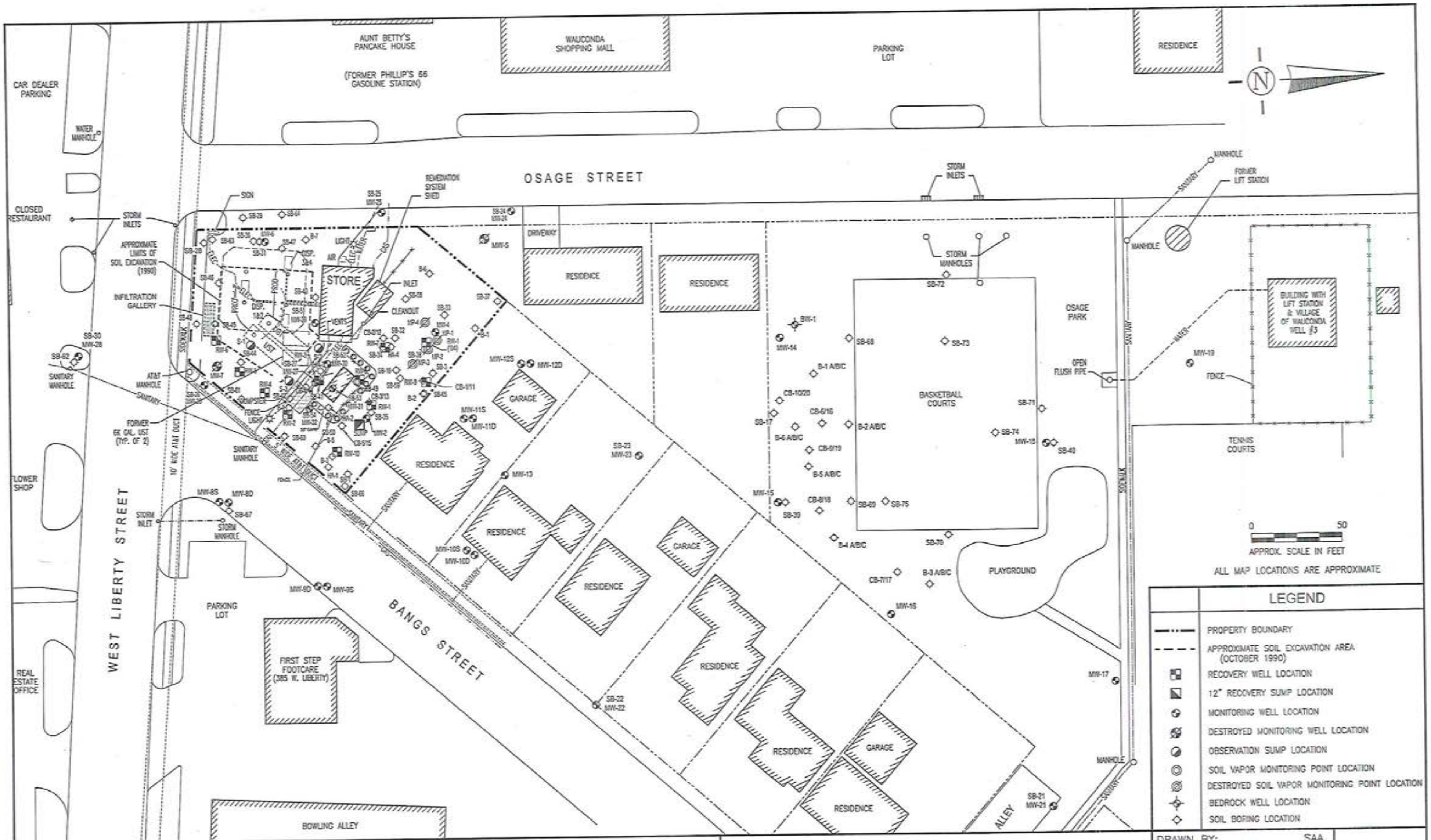
Licensed Professional Engineer or Geologist

Name: Shawn Rodeck
Company: TriCore Environmental, LLC
Address: 1800 W. Hawthorne Ln., Suite P
City: West Chicago
State: Illinois
ZIP Code: 60185
Phone: (630) 520-9973
Ill. Registration No.: 062-052879
License Expiration Date: 11/30/2015
Signature: Shawn Rodeck
Date: 02/12/2014

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

SHAWN A. RODECK
062-052879

FIGURES



LEGEND

—··—	PROPERTY BOUNDARY
- - -	APPROXIMATE SOIL EXCAVATION AREA (OCTOBER 1990)
◧	RECOVERY WELL LOCATION
◩	12" RECOVERY SUMP LOCATION
⊖	MONITORING WELL LOCATION
⊘	DESTROYED MONITORING WELL LOCATION
◒	OBSERVATION SUMP LOCATION
◎	SOIL VAPOR MONITORING POINT LOCATION
⊘	DESTROYED SOIL VAPOR MONITORING POINT LOCATION
⊕	BEDROCK WELL LOCATION
◇	SOIL BORING LOCATION

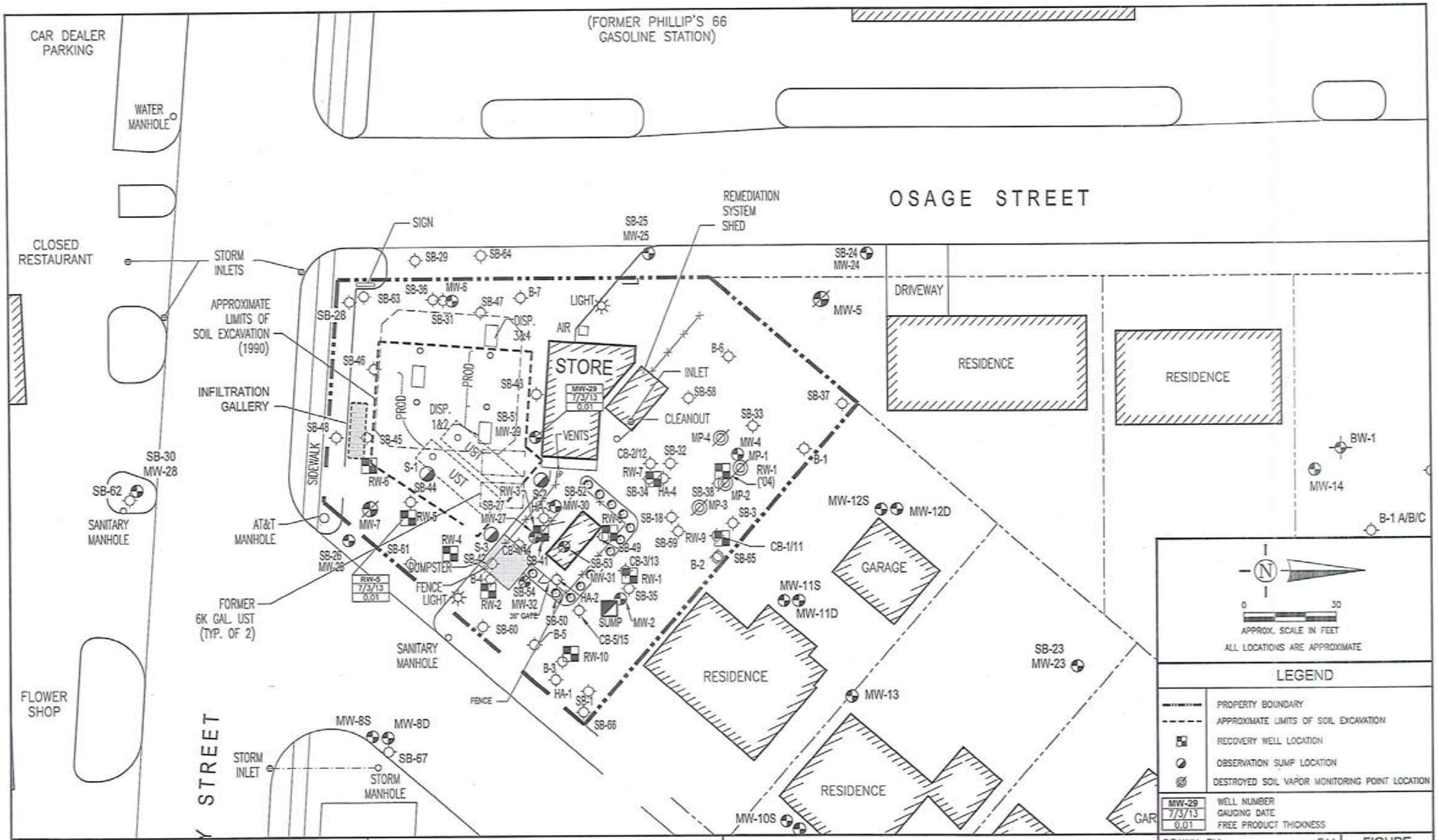
TriCore Environmental, LLC
1800 West Hawthorne Lane, Suite P
West Chicago, Illinois 60185
(630) 520-9973

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

SITE MAP
FORMER CLARK RETAIL STATION #646
399 WEST LIBERTY STREET
WAUCONDA, LAKE COUNTY, ILLINOIS

DRAWN BY:	SAA
APPROVED BY:	MIC
SCALE:	1" = 50'
DATE:	8/22/2013
DRAWING FILE:	MD13-104

1



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

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

FREE PRODUCT THICKNESS
FORMER CLARK RETAIL STATION #646
399 WEST LIBERTY STREET
WAUCONDA, LAKE COUNTY, ILLINOIS

DRAWN BY:	SAA
APPROVED BY:	MIC
SCALE:	1" = 30'
DATE:	8/22/2013
DRAWING FILE:	MD13-104

FIGURE
2

TABLES

Table 1

Groundwater Elevations 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
Sample ID	Date Sampled	Reference Elevation (feet)	Static Depth to Free Product (feet below TOC)	Static Depth to Water (feet below TOC)	Free Product Thickness (feet)	Groundwater Elevation (feet)					
BW-1	1/19/93						BDL	BDL	BDL	BDL	
BW-1	6/17/93						<0.001	<0.001	<0.001	<0.001	
BW-1	1/11/93						<0.001	<0.001	<0.001	<0.001	
BW-1	6/27/94						<0.001	<0.001	<0.001	<0.003	
BW-1	2/16/95						<0.002	<0.002	<0.002	<0.005	
BW-1	7/28/95						<0.002	<0.002	<0.002	<0.005	
BW-1	3/22/96						<0.002	<0.002	<0.002	<0.005	
BW-1	10/11/01	99.08		27.34		71.74	<0.001	<0.001	<0.001	<0.003	
BW-1	3/14/02	99.08		25.56		73.52	<0.001	<0.001	<0.001	<0.003	
BW-1	6/6/02	99.08		30.36		68.72	<0.001	<0.001	<0.001	<0.003	
BW-1	8/30/02	99.08		28.25		70.83	<0.001	<0.001	<0.001	<0.003	
BW-1	12/6/02	99.08		26.61		72.47	<0.001	<0.001	<0.001	<0.003	
BW-1	5/6/04	99.08					Not able to open, manhole needs to be repaired				
MP-1	4/21/05	108.51		5.09		103.42	0.49	0.013	<0.0025	0.015	0.0096
MP-1	1/6/09	108.51					0.0301	0.0011	0.0021	<0.003	0.001
MP-1	12/3/12						Well destroyed during remediation system trenching				
MP-2	4/21/05	108.72		5.31		103.41	0.23	0.0095	0.14	0.2	0.0077
MP-2	12/3/12						Well destroyed during remediation system trenching				
MP-3	4/21/05	109.30		5.89		103.41	0.13	0.65	0.13	1.2	0.011
MP-3	12/29/08	109.30		5.17		104.13					
MP-3	6/22/10	109.30		5.71		103.59					
MP-3	6/30/10	109.30		5.68		103.62					
MP-3	7/6/10	109.30		5.62		103.68					
MP-3	7/13/10	109.30		5.67		103.63					
MP-3	7/20/10	109.30		5.64		103.66					
MP-3	7/27/10	109.30		5.60		103.70					
MP-3	8/18/10	109.30		5.63		103.67					
MP-3	8/24/10	109.30		5.78		103.52					
MP-3	8/31/10	109.30		5.82		103.48					
MP-3	9/21/10	109.30		5.65		103.65					
MP-3	9/30/10	109.30		5.63		103.67					
MP-3	10/12/10	109.30		5.65		103.65					
MP-3	11/3/10	109.30		5.58		103.72					
MP-3	11/15/10	109.30		5.65		103.65					
MP-3	12/2/10	109.30		5.71		103.59					
MP-3	12/10/11	109.30		5.65		103.65					
MP-3	1/5/11	109.30		6.63		102.67					
MP-3	3/14/11	109.30		5.64		103.66					
MP-3	4/14/11	109.30		5.72		103.58	0.361	7.15	1.11	10.8	<0.05
MP-3	12/3/12						Well destroyed during remediation system trenching				
MP-4	4/21/05	109.33		5.89		103.44	0.24	0.014	<0.001	0.013	0.0061
MP-4	12/3/12						Well destroyed during remediation system trenching				
MW-2	11/29/90		10.00	10.30	0.30						
MW-2	1/27/92		FP								
MW-2	2/19/92		FP								
MW-2	8/24/92		FP								
MW-2	1/19/93		FP								
MW-2	6/17/93	101.06		10.71		90.35	0.23	3.2	0.65	15	
MW-2	11/11/93	101.06		10.96		90.10	0.134	0.01	0.052	1.43	
MW-2	6/27/94	101.06	10.95	10.96	0.01	90.11					
MW-2	2/16/95	101.06		10.36		90.70	0.178	0.0313	0.447	0.3	
MW-2	7/28/95	101.06		10.13		90.93	0.257	0.117	0.139	0.808	
MW-2	3/22/96	101.06		11.14		89.92	0.1	0.154	0.331	3.93	
MW-2	6/17/96	101.06		9.33		91.73	0.0029	0.0041	0.0107	0.355	
MW-2	9/25/96	101.06		10.68		90.38	0.0154	0.0167	0.0546	0.584	
MW-2	4/24/97	101.06		9.89		91.17	1.11	3.1	0.71	5.76	
MW-2	6/17/97	101.06		9.88		91.18	2.57	3.85	0.487	5.53	
MW-2	8/27/97	101.06		10.48		90.58	0.116	0.519	0.534	7.45	
MW-2	11/5/97	113.61		10.75		102.86	0.076	0.02	0.31	2.4	
MW-2	2/27/98	113.61		10.23		103.38	0.17	0.029	0.074	0.73	
MW-2	6/10/98	113.61		10.08		103.53	0.0079	0.0011	0.0075	0.15	
MW-2	10/8/98	113.61		10.31		103.30	0.013	0.019	0.18	1.38	
MW-2	3/31/99	113.61		10.12		103.49	0.64	0.024	0.087	250/<5	
MW-2	6/9/99	113.61		10.00		103.61	0.77	0.22	0.075	0.62	
MW-2	9/2/99	113.61		10.60		103.01	0.086	0.0076	0.029	0.066	
MW-2	10/28/99	113.61		10.52		103.09	0.16	0.0025	0.016	0.041	
MW-2	2/23/00	113.61		10.32		103.29	0.55	0.019	0.27	0.861	
MW-2	5/24/00	113.61		9.77		103.84	0.09	0.11	0.11	1.37	
MW-2	8/15/00	113.61		10.21		103.40	0.36	0.13	0.054	0.41	
MW-2	11/9/00	113.61		10.03		103.58	0.14	0.099	0.12	0.96	

Table 1

Groundwater Elevations 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
Sample ID	Date Sampled	Reference Elevation (feet)	Static Depth to Free Product (feet below TOC)	Static Depth to Water (feet below TOC)	Free Product Thickness (feet)	Groundwater Elevation (feet)					
MW-2	10/11/01	113.61		10.24		103.37	0.027	0.036	0.02	0.142	
MW-2	3/14/02	113.61		9.85		103.76	0.083	0.012	0.13	0.72	
MW-2	6/6/02	113.61		9.62		103.99	0.1	0.052	0.32	3.08	
MW-2	8/30/02	113.61		10.16		103.45	0.017	0.0058	0.073	0.448	
MW-2	12/6/02	113.61		10.62		102.99	0.012	<0.001	0.003	0.0031/<0.001	
MW-2	5/6/04	113.61		10.34		103.27	0.031	0.0014	0.0046	0.003	<0.01
MW-2	4/21/05	113.61		10.17		103.44	0.035	<0.001	0.0022	0.029	0.024
MW-2	12/31/08	113.61		9.58		104.03					
MW-2	1/5/09	113.61		9.84		103.77					
MW-2	1/6/09	113.61					Obstruction in well, not able to collect samples				
MW-2	8/18/09	113.61		6.33		107.28					
MW-2	9/1/09	113.61		10.13		103.48					
MW-2	6/22/10	113.61		10.05		103.56					
MW-2	6/30/10	113.61		10.01		103.60					
MW-2	7/6/10	113.61		10.15		103.46					
MW-2	7/13/10	113.61		10.16		103.45					
MW-2	7/20/10	113.61		10.61		103.00					
MW-2	7/27/10	113.61		10.14		103.47					
MW-2	8/18/10	113.61		10.20		103.41					
MW-2	8/24/10	113.61		10.10		103.51					
MW-2	8/31/10	113.61		10.08		103.53					
MW-2	9/21/10	113.61		10.06		103.55					
MW-2	9/30/10	113.61		10.05		103.56					
MW-2	10/12/10	113.61		10.02		103.59					
MW-2	11/3/10	113.61		9.95		103.66					
MW-2	11/15/10	113.61		9.97		103.64					
MW-2	12/2/10	113.61		9.95		103.66					
MW-2	12/10/10	113.61		9.85		103.76					
MW-2	12/22/10	113.61		9.20		104.41					
MW-2	12/27/10	113.61		9.83		103.78					
MW-2	12/3/12	113.61		10.75		102.86					
MW-2	12/6/12	113.61		10.80		102.81					
MW-2	12/10/12	113.61		10.75		102.86					
MW-2	12/14/12	113.61		10.78		102.83					
MW-2	12/18/12	113.61		10.65		102.96					
MW-2	12/27/12	113.61		10.53		103.08					
MW-2	1/7/13	113.61		10.73		102.88					
MW-2	1/14/13	113.61		10.58		103.03					
MW-2	1/28/13	113.61		10.60		103.01					
MW-2	2/6/13	113.61		10.52		103.09					
MW-2	2/11/13	113.61		10.13		103.48					
MW-2	2/18/13	113.61		10.37		103.24					
MW-2	2/27/13	113.61		10.42		103.19					
MW-2	3/4/13	113.61		10.36		103.25					
MW-2	3/25/13	113.61		10.28		103.33					
MW-2	4/4/13	113.61		10.36		103.25					
MW-2	4/8/13	113.61		10.28		103.33					
MW-2	4/15/13	113.61		10.04		103.57					
MW-2	4/22/13	113.61		9.72		103.89					
MW-2	5/8/13	113.61		10.12		103.49					
MW-2	5/23/13	113.61		10.32		103.29					
MW-2	7/3/13	113.61		10.08		103.53					
MW-4	11/28/90						3.5	0.33	0.27	1.1	
MW-4	1/27/92						3.1	0.065	0.072	4.147	
MW-4	8/24/92						0.14	0.024	0.19	0.49	
MW-4	1/19/93						0.26	0.006	BDL	0.021	
MW-4	6/17/93	98.97		8.22		90.75	0.015	<0.001	<0.001	0.005	
MW-4	11/11/93	98.97		8.58		90.39	<0.001	<0.001	<0.001	<0.001	
MW-4	6/27/94	98.97		8.65		90.32	0.154	0.0243	0.0081	0.0098	
MW-4	2/16/95	98.97		8.24		90.73	0.253	0.113	0.0845	0.202	
MW-4	7/28/95	98.97		8.06		90.91	0.179	0.0115	0.175	0.261	
MW-4	3/22/96	98.97		8.75		90.22	0.363	0.346	0.178	0.456	
MW-4	6/17/96	98.97		5.79		93.18	<0.002	<0.002	<0.002	<0.005	
MW-4	9/25/96	98.97		8.44		90.53	0.0032	<0.002	0.0052	0.0052	
MW-4	4/24/97	98.97		7.84		91.13	0.444	0.0255	0.0945	0.11	
MW-4	6/17/97	98.97		6.87		92.10	0.386	0.0359	0.125	0.273	
MW-4	8/27/97	98.97		8.23		90.74	0.0568	0.0321	0.128	0.322	
MW-4	11/5/97	111.44		8.54		102.90	0.037	0.0035	0.043	0.11	
MW-4	2/27/98	111.44		7.98		103.46	0.13	<0.005	<0.005	0.04	
MW-4	6/10/98	111.44		7.94		103.50	0.029	0.019	0.022	0.052	

Table 1

Groundwater Elevations 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
Sample ID	Date Sampled	Reference Elevation (feet)	Static Depth to Free Product (feet below TOC)	Static Depth to Water (feet below TOC)	Free Product Thickness (feet)	Groundwater Elevation (feet)					
MW-4	10/8/98	111.44		8.52		102.92	0.018	0.0024	0.033	0.1/<0.001	
MW-4	3/31/99	111.44		8.07		103.37	<0.001	<0.001	<0.001	<0.003	
MW-4	6/9/99	111.44		8.07		103.37	0.36	0.028	0.28	0.8228	
MW-4	9/2/99	111.44		9.50		101.94	0.18	0.017	0.28	1.1/<0.005	
MW-4	10/28/99	111.44		8.44		103.00	0.073	0.0046	0.095	0.360/<0.004	
MW-4	2/23/00	111.44		8.17		103.27	0.57	<0.005	0.042	0.061/<0.005	
MW-4	5/24/00	111.44		7.69		103.75	0.095	0.0057	0.01	0.0089/<0.001	
MW-4	8/15/00	111.44		8.10		103.34	0.36	0.022	0.13	0.140/<0.0025	
MW-4	11/9/00	111.44		7.97		103.47	0.16	<0.025	0.13	0.064/<0.005	
MW-4	10/11/01	111.44		8.11		103.33	0.039	0.005	0.03	0.013/<0.001	
MW-4	3/14/02	111.44		7.68		103.76	0.13	0.0049	<0.001	<0.003	
MW-4	6/6/02	111.44		7.35		104.09	0.013	<0.001	0.0058	0.0025/<0.001	
MW-4	8/30/02	111.44		8.05		103.39	0.14	0.013	0.035	0.031/<0.001	
MW-4	12/6/02	111.44		8.53		102.91	0.17	0.004	0.0016	0.016/<0.001	
MW-4	5/6/04	111.44					Obstruction in well, not able to collect samples				
MW-4	4/21/05	111.44		8.07		103.37	0.14	0.003	<0.001	0.0035	0.0011
MW-4	1/5/09	111.44		7.64		103.80					
MW-4	1/6/09	111.44					Obstruction in well, not able to collect samples				
MW-4	9/1/09	111.44		8.01		103.43					
MW-4	3/4/13	111.44		8.27		103.17					
MW-4	3/25/13	111.44		7.84		103.60					
MW-4	5/23/13	111.44		8.03		103.41					
MW-5	11/28/90						<0.005	<0.005	<0.005	<0.01	
MW-5	1/27/92						<0.002	<0.002	<0.002	<0.005	
MW-5	8/24/92						<0.002	<0.002	<0.002	<0.005	
MW-5	1/19/93						BDL	BDL	BDL	BDL	
MW-5	6/17/93	95.44		4.71		90.73	<0.001	<0.001	<0.001	<0.001	
MW-5	11/11/93	95.44		5.09		90.35	<0.001	<0.001	<0.001	<0.001	
MW-5	6/27/94	95.44		5.31		90.13	<0.001	<0.001	<0.001	<0.003	
MW-5	2/16/95	95.44		4.81		90.63	<0.002	<0.002	<0.002	<0.005	
MW-5	7/28/95	95.44		4.99		90.45	<0.0073	<0.002	<0.002	<0.005	
MW-5	3/22/96	95.44		5.28		90.16	<0.002	<0.002	<0.002	<0.005	
MW-5	6/17/96	95.44		4.24		91.20	<0.002	<0.002	<0.002	<0.005	
MW-5	9/25/96	95.44		5.07		90.37	<0.002	<0.002	<0.002	<0.005	
MW-5	4/24/97	95.44		4.40		91.04	<0.002	<0.002	<0.002	<0.005	
MW-5	6/17/97	95.44		4.34		91.10	<0.002	<0.002	<0.002	<0.003	
MW-5	8/27/97	95.44		4.84		90.60	<0.002	<0.002	<0.002	<0.003	
MW-5	11/5/97	108.15		5.21		102.94	<0.001	<0.001	<0.01	<0.003	
MW-5	2/27/98	108.15		4.58		103.57	<0.001	<0.001	<0.001	<0.003	
MW-5	6/10/98	108.15		4.53		103.62	<0.001	<0.001	<0.001	<0.003	
MW-5	10/8/98	108.15		4.78		103.37	<0.001	<0.001	<0.001	<0.003	
MW-5	3/31/99	108.15		4.76		103.39	0.053	0.07	0.11	0.38	
MW-5	6/9/99	108.15		4.65		103.50	<0.001	<0.001	<0.001	<0.003	
MW-5	9/2/99	108.15		5.34		102.81	<0.001	<0.001	<0.001	<0.002	
MW-5	10/28/99	108.15		5.19		102.96	<0.001	<0.001	<0.001	<0.003	
MW-5	2/23/00	108.15		4.92		103.23					
MW-5	5/24/00	108.15		4.34		103.81	<0.001	<0.001	<0.001	<0.003	
MW-5	8/15/00	108.15		4.81		103.34	<0.001	<0.001	<0.001	<0.003	
MW-5	11/9/00	108.15		4.75		103.40	<0.001	<0.001	<0.001	<0.003	
MW-5	10/11/01	108.15		4.80		103.35	<0.001	<0.001	<0.001	<0.003	
MW-5	3/14/02	108.15		4.41		103.74	<0.001	<0.001	<0.001	<0.003	
MW-5	6/6/02	108.15		4.63		103.52	<0.001	<0.001	<0.001	<0.003	
MW-5	8/30/02	108.15		4.75		103.40	<0.001	<0.001	<0.001	<0.003	
MW-5	12/6/02	108.15		5.24		102.91	<0.001	<0.001	<0.001	<0.003	
MW-5	5/6/04						Well destroyed				
MW-6	11/28/90						<0.005	<0.005	<0.005	<0.01	
MW-6	1/19/93						BDL	BDL	BDL	BDL	
MW-6	6/17/93	98.46		7.07		91.39	<0.001	<0.001	<0.001	<0.001	
MW-6	11/11/93	98.46		7.63		90.83	<0.001	<0.001	<0.001	<0.001	
MW-6	6/27/94	98.46		7.57		90.89	<0.001	<0.001	<0.001	<0.003	
MW-6	2/16/95	98.46		7.41		91.05	<0.002	<0.002	<0.002	<0.005	
MW-6	7/28/95	98.46		7.11		91.35	0.0045	<0.002	<0.002	<0.005	
MW-6	3/22/96	98.46		7.89		90.57	<0.002	<0.002	<0.002	<0.005	
MW-6	6/17/96	98.46		6.11		92.35	<0.002	<0.002	<0.002	<0.005	
MW-6	9/25/96	98.46		7.59		90.87	<0.002	<0.002	<0.002	<0.005	
MW-6	4/24/97	98.46		6.87		91.59	<0.002	<0.002	<0.002	<0.005	
MW-6	6/17/97	98.46		6.81		91.65	<0.002	<0.002	<0.002	<0.005	
MW-6	8/27/97	98.46		7.34		91.12	<0.002	<0.002	<0.002	<0.005	
MW-6	11/5/97	111.06		7.74		103.32	<0.001	<0.001	<0.002	<0.003	
MW-6	2/27/98	111.06		7.03		104.03	<0.001	<0.001	<0.001	<0.003	

Table 1

Groundwater Elevations 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
Sample ID	Date Sampled	Reference Elevation (feet)	Static Depth to Free Product (feet below TOC)	Static Depth to Water (feet below TOC)	Free Product Thickness (feet)	Groundwater Elevation (feet)					
MW-6	6/10/98	111.06		6.97		104.09	<0.001	<0.001	<0.001	<0.003	
MW-6	10/8/98	111.06		7.28		103.78	<0.001	<0.001	<0.001	<0.003	
MW-6	3/31/99	111.06		7.14		103.92	<0.001	<0.001	<0.001	<0.003	
MW-6	6/9/99	111.06		6.95		104.11	<0.001	<0.001	<0.001	<0.003	
MW-6	9/2/99	111.06		7.71		103.35	<0.001	<0.001	<0.001	<0.002	
MW-6	10/28/99	111.06		7.64		103.42	<0.001	<0.001	<0.001	<0.002	
MW-6	2/23/00	111.06		7.42		103.64	<0.001	<0.001	<0.001	<0.003	
MW-6	5/24/00	111.06		6.68		104.38	<0.001	<0.001	<0.001	<0.003	
MW-6	8/15/00	111.06		7.25		103.81	0.58	3.1	0.55	2.49	
MW-6	11/9/00	111.06		7.11		103.95	0.069	1	0.35	2.3	
MW-6	10/11/01	111.06	sheen	7.39	sheen	103.67					
MW-6	3/14/02	111.06	sheen	6.93	sheen	104.13	0.0029	0.002	0.015	0.032	
MW-6	6/6/02	111.06	sheen	6.70	sheen	104.36	0.0017	0.0016	0.012	0.0256	
MW-6	8/30/02	111.06	sheen	7.27	sheen	103.79	0.0015	0.0011	0.1	0.0245	
MW-6	12/6/02	111.06	sheen	7.83	sheen	103.23	<0.001	<0.001	0.0041	0.0099	
MW-6	5/6/04	111.06	sheen	7.45	sheen	103.61	<0.001	<0.001	0.001	<0.003	<0.001
MW-6	4/21/05	111.06		7.26		103.80					
MW-6	4/22/05	111.06					<0.001	<0.001	<0.001	<0.003	<0.001
MW-6	12/29/08	111.06		6.67		104.39					
MW-6	1/5/09	111.06		7.06		104.00					
MW-6	1/6/09	111.06					<0.001	<0.001	<0.001	<0.003	<0.001
MW-6	9/1/09	111.06		7.27		103.79					
MW-6	6/22/10	111.06		7.13		103.93					
MW-6	6/30/10	111.06		7.12		103.94					
MW-6	7/6/10	111.06		7.10		103.96					
MW-6	7/13/10	111.06		7.09		103.97					
MW-6	7/20/10	111.06		7.42		103.64					
MW-6	7/27/10	111.06		7.08		103.98					
MW-6	8/18/10	111.06		7.11		103.95					
MW-6	8/24/10	111.06		7.25		103.81					
MW-6	8/31/10	111.06		7.24		103.82					
MW-6	9/21/10	111.06		7.30		103.76					
MW-6	9/30/10	111.06		7.34		103.72					
MW-6	10/12/10	111.06		7.32		103.74					
MW-6	11/3/10	111.06		7.58		103.48					
MW-6	11/15/10	111.06		7.61		103.45					
MW-6	12/2/10	111.06		7.65		103.41					
MW-6	12/10/10	111.06		7.61		103.45					
MW-6	12/22/10	111.06		7.58		103.48					
MW-6	12/27/10	111.06		7.60		103.46					
MW-6	3/2/11	111.06		7.16		103.90					
MW-6	3/7/11	111.06		7.06		104.00					
MW-6	4/14/11	111.06		7.16		103.90	<0.001	<0.001	<0.001	<0.003	<0.001
MW-6	12/3/12	111.06		8.18		102.88					
MW-6	12/6/12	111.06		8.25		102.81					
MW-6	12/10/12	111.06		8.23		102.83					
MW-6	12/14/12	111.06		8.30		102.76					
MW-6	2/18/13	111.06	Filled in with dirt								
MW-7	11/29/90		7.39	7.69	0.30						
MW-7	4/21/05						Well destroyed				
MW-8S	4/1/91	86.88		6.61		80.27	<0.005	<0.005	<0.005	<0.01	
MW-8S	1/27/92						<0.002	<0.003	<0.002	<0.01	
MW-8S	8/24/92						<0.002	<0.003	<0.002	<0.007	
MW-8S	6/17/93	98.29		7.56		90.73	<0.001	<0.001	<0.001	<0.001	
MW-8S	11/11/93	98.29		7.58		90.71	<0.001	<0.001	<0.001	<0.001	
MW-8S	6/27/94	98.29		7.46		90.83	<0.001	<0.001	<0.001	<0.003	
MW-8S	2/16/95	98.29		7.43		90.86	<0.002	<0.002	<0.002	<0.005	
MW-8S	7/28/95	98.29		7.14		91.15	<0.0034	<0.002	<0.002	<0.005	
MW-8S	3/22/96	98.29		7.73		90.56	<0.002	<0.002	<0.002	<0.005	
MW-8S	6/17/96	98.29		6.46		91.83	<0.002	<0.002	<0.002	<0.005	
MW-8S	9/25/96	98.29		7.49		90.80	<0.002	<0.002	<0.002	<0.005	
MW-8S	4/24/97	98.29		6.94		91.35	<0.002	<0.002	<0.002	<0.005	
MW-8S	6/17/97	98.29		6.86		91.43	<0.002	<0.002	<0.002	<0.005	
MW-8S	8/27/97	98.29		7.26		91.03	<0.002	<0.002	<0.002	<0.005	
MW-8S	11/5/97	110.89		7.62		103.27	<0.001	<0.001	<0.001	<0.003	
MW-8S	2/27/98	110.89		7.50		103.39	<0.001	<0.001	<0.001	<0.003	
MW-8S	6/10/98	110.89		6.95		103.94	<0.001	<0.001	<0.001	<0.001	
MW-8S	10/8/98	110.89		7.19		103.70	<0.001	<0.001	<0.001	<0.003	
MW-8S	3/31/99	110.89		7.12		103.77	<0.001	<0.001	<0.001	<0.003	
MW-8S	6/9/99	110.89		7.00		103.89	<0.001	<0.001	<0.001	<0.003	

Table 1

Groundwater Elevations 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
Sample ID	Date Sampled	Reference Elevation (feet)	Static Depth to Free Product (feet below TOC)	Static Depth to Water (feet below TOC)	Free Product Thickness (feet)	Groundwater Elevation (feet)					
MW-8S	9/2/99	110.89		7.61		103.28	<0.001	<0.001	<0.001	<0.002	
MW-8S	10/28/99	110.89		7.56		103.33	<0.001	<0.001	<0.;001	<0.002	
MW-8S	2/23/00	110.89		7.48		103.41	<0.001	0.0024	<0.001	<0.0041	
MW-8S	5/24/00	110.89		6.77		104.12	<0.001	<0.001	<0.001	<0.003	
MW-8S	8/15/00	110.89		7.62		103.27	<0.001	<0.001	<0.001	<0.003	
MW-8S	11/9/00	110.89		7.20		103.69	<0.001	<0.001	<0.001	<0.003	
MW-8S	10/11/01	110.89		7.26		103.63	<0.001	<0.001	<0.001	<0.003	
MW-8S	3/14/02	110.89		6.91		103.98	<0.001	<0.001	<0.001	<0.003	
MW-8S	6/6/02	110.89		6.71		104.18	<0.001	<0.001	<0.001	<0.003	
MW-8S	8/30/02	110.89		7.18		103.71	<0.001	<0.001	<0.001	<0.003	
MW-8S	12/6/02	110.89		7.64		103.25	<0.001	<0.001	<0.001	<0.003	
MW-8S	5/6/04	110.89		7.39		103.50	<0.001	<0.001	<0.001	<0.003	<0.001
MW-8S	4/21/05	110.89		7.22		103.67					
MW-8S	4/22/05	110.89					<0.001	<0.001	<0.001	<0.003	<0.001
MW-8S	1/5/09	110.89		6.97		103.92					
MW-8S	1/6/09	110.89		7.00		103.89	<0.001	<0.001	<0.001	<0.003	<0.001
MW-8S	9/1/09	110.89		7.22		103.67					
MW-8S	4/14/11	110.89		7.15		103.74	<0.001	<0.001	<0.001	<0.003	<0.001
MW-8S	12/3/12	110.89		7.89		103.00					
MW-8S	12/6/12	110.89		7.90		102.99					
MW-8S	12/10/12	110.89		7.87		103.02					
MW-8S	12/14/12	110.89		7.92		102.97					
MW-8S	12/18/12	110.89		7.95		102.94					
MW-8S	12/27/12	110.89		7.90		102.99					
MW-8S	1/7/13	110.89		7.89		103.00					
MW-8S	1/28/13	110.89		5.29		105.60					
MW-8S	2/11/13	110.89		7.29		103.60					
MW-8S	4/4/13	110.89		7.86		103.03					
MW-8S	4/8/13	110.89		7.67		103.22					
MW-8S	4/14/13	110.89		7.17		103.72					
MW-8S	4/22/13	110.89		5.18		105.71					
MW-8S	5/8/13	110.89		7.20		103.69					
MW-8S	5/23/13	110.89		7.22		103.67					
MW-8S	7/3/13	110.89		7.20		103.69					
MW-8D	4/1/91	86.96		6.77		80.19	<0.005	<0.005	<0.005	<0.01	
MW-8D	1/27/92						<0.002	<0.002	<0.002	<0.005	
MW-8D	8/24/92						<0.002	<0.002	<0.002	<0.005	
MW-8D	11/11/93	98.31		7.50		90.81	<0.001	<0.001	<0.001	<0.001	
MW-8D	6/27/94	98.31		7.94		90.37	<0.001	<0.001	<0.001	<0.003	
MW-8D	2/16/95	98.31		7.80		90.51	<0.002	0.0039	<0.002	<0.005	
MW-8D	7/28/95	98.31		7.65		90.66	0.0023	<0.002	<0.002	0.0054	
MW-8D	3/22/96	98.31		8.06		90.25	<0.002	<0.002	<0.002	<0.005	
MW-8D	6/17/96	98.31		6.81		91.50	<0.002	<0.002	<0.002	<0.005	
MW-8D	9/25/96	98.31		7.55		90.76	<0.002	<0.002	<0.002	<0.005	
MW-8D	4/24/97	98.31		7.33		90.98	<0.002	<0.002	<0.002	<0.005	
MW-8D	6/17/97	98.31		7.32		90.99	<0.002	<0.002	<0.002	<0.005	
MW-8D	8/27/97	98.31		7.85		90.46	<0.002	<0.002	<0.002	<0.005	
MW-8D	11/5/97	111.03		8.06		102.97	<0.001	<0.001	<0.001	<0.003	
MW-8D	2/27/98	111.03		7.00		104.03	<0.001	<0.001	<0.001	<0.003	
MW-8D	6/10/98	111.03		7.36		103.67	<0.001	<0.001	<0.001	<0.003	
MW-8D	10/8/98	111.03		7.67		103.36	<0.001	<0.001	<0.001	<0.003	
MW-8D	3/31/99	111.03		7.40		103.63	<0.001	<0.001	<0.001	<0.003	
MW-8D	6/9/99	111.03		7.10		103.93	<0.001	<0.001	<0.001	<0.003	
MW-8D	9/2/99	111.03		8.02		103.01	<0.001	<0.001	<0.001	<0.002	
MW-8D	10/28/99	111.03		7.95		103.08	<0.001	<0.001	<0.001	<0.002	
MW-8D	2/23/00	111.03		7.92		103.11	<0.001	<0.001	<0.001	<0.003	
MW-8D	5/24/00	111.03		7.01		104.02	<0.001	<0.001	<0.001	<0.003	
MW-8D	8/15/00	111.03		7.62		103.41	<0.001	<0.001	<0.001	<0.003	
MW-8D	11/9/00	111.03		7.72		103.31	<0.001	<0.005	<0.001	<0.003	
MW-8D	10/11/01	111.03		7.67		103.36	<0.001	<0.001	<0.001	<0.003	
MW-8D	3/14/02	111.03		7.28		103.75	<0.001	<0.001	<0.001	<0.003	
MW-8D	6/6/02	111.03		7.04		103.99	<0.001	<0.001	<0.001	<0.003	
MW-8D	8/30/02	111.03		7.51		103.52	<0.001	<0.001	<0.001	<0.003	
MW-8D	12/6/02	111.03		8.00		103.03	<0.001	<0.001	<0.001	<0.003	
MW-8D	5/6/04	111.03		7.70		103.33	<0.001	<0.001	<0.001	<0.003	<0.001
MW-8D	4/21/05	111.03		7.53		103.50					
MW-8D	4/22/05	111.03					<0.001	<0.001	<0.001	<0.003	<0.001
MW-8D	1/5/09	111.03		7.14		103.89					
MW-8D	1/6/09	111.03					<0.001	<0.001	<0.001	<0.003	<0.001
MW-8D	9/1/09	111.03		7.43		103.60					

Table 1

Groundwater Elevations 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
Sample ID	Date Sampled	Reference Elevation (feet)	Static Depth to Free Product (feet below TOC)	Static Depth to Water (feet below TOC)	Free Product Thickness (feet)	Groundwater Elevation (feet)					
MW-8D	4/14/11	111.03		7.51		103.52	<0.001	<0.001	<0.001	<0.003	<0.001
MW-8D	12/3/12	111.03		8.23		102.80					
MW-8D	12/6/12	111.03		8.25		102.78					
MW-8D	12/10/12	111.03		8.18		102.85					
MW-8D	12/14/12	111.03		8.10		102.93					
MW-8D	12/18/12	111.03		8.09		102.94					
MW-8D	12/27/12	111.03		8.05		102.98					
MW-8D	1/7/13	111.03		8.11		102.92					
MW-8D	1/28/13	111.03		5.56		105.47					
MW-8D	2/11/13	111.03		7.51		103.52					
MW-8D	4/4/13	111.03		8.15		102.88					
MW-8D	4/8/13	111.03		8.09		102.94					
MW-8D	4/15/13	111.03		7.45		103.58					
MW-8D	4/22/13	111.03		5.40		105.63					
MW-8D	5/8/13	111.03		7.48		103.55					
MW-8D	5/23/13	111.03		7.50		103.53					
MW-8D	7/3/13	111.03		7.45		103.58					
MW-9S	4/1/91	86.00		6.12		79.88	<0.005	<0.005	<0.005	<0.01	
MW-9S	1/27/92						<0.002	<0.002	<0.002	<0.005	
MW-9S	8/24/92						<0.002	<0.002	<0.002	<0.005	
MW-9S	1/19/93						BDL	BDL	BDL	BDL	
MW-9S	6/17/93	97.42		6.79		90.63	<0.001	<0.001	<0.001	<0.001	
MW-9S	11/11/93	97.42		7.04		90.38	<0.001	<0.001	<0.001	<0.001	
MW-9S	6/27/94	97.42		7.03		90.39	<0.001	<0.001	<0.001	<0.003	
MW-9S	2/16/95	97.42		7.04		90.38	<0.002	<0.002	<0.002	<0.005	
MW-9S	7/28/95	97.42		6.82		90.60	<0.002	<0.002	<0.002	<0.005	
MW-9S	3/22/96	97.42		7.32		90.10	<0.002	<0.002	<0.002	<0.005	
MW-9S	6/17/96	97.42		6.35		91.07	<0.002	<0.002	<0.002	<0.005	
MW-9S	9/25/96	97.42		7.10		90.32	<0.002	<0.002	<0.002	<0.005	
MW-9S	4/24/97	97.42		6.72		90.70	<0.002	<0.002	<0.002	<0.005	
MW-9S	6/17/97	97.42		6.74		90.68	<0.002	<0.002	<0.002	<0.005	
MW-9S	8/27/97	97.42		6.90		90.52	<0.002	<0.002	<0.001	<0.005	
MW-9S	11/5/97	110.16		7.21		102.95	<0.001	<0.001	<0.001	<0.003	
MW-9S	2/27/98	110.16		6.86		103.30	<0.001	<0.001	<0.001	<0.003	
MW-9S	6/10/98	110.16		6.67		103.49	<0.001	<0.001	<0.001	<0.003	
MW-9S	10/8/98	110.16		6.83		103.33	<0.001	<0.001	<0.001	<0.003	
MW-9S	3/31/99	110.16		6.90		103.26	<0.001	<0.001	<0.001	<0.003	
MW-9S	6/9/99	110.16		6.76		103.40	<0.001	<0.001	<0.001	<0.003	
MW-9S	9/2/99	110.16		7.26		102.90	<0.001	<0.001	<0.001	<0.003	
MW-9S	10/28/99	110.16		7.20		102.96	<0.001	<0.001	<0.001	<0.003	
MW-9S	2/23/00	110.16		7.90		102.26	<0.001	<0.001	<0.001	<0.003	
MW-9S	5/24/00	110.16		6.64		103.52	<0.001	<0.001	<0.001	<0.003	
MW-9S	8/15/00	110.16		6.93		103.23	<0.001	<0.001	<0.001	<0.003	
MW-9S	11/9/00	110.16		6.75		103.41	<0.001	<0.005	<0.001	<0.003	
MW-9S	10/11/01	110.16		6.96		103.20	<0.001	<0.001	<0.001	<0.003	
MW-9S	3/14/02	110.16		6.73		103.43	<0.001	<0.001	<0.001	<0.003	
MW-9S	6/6/02	110.96		6.52		104.44	<0.001	<0.001	<0.001	<0.003	
MW-9S	8/30/02	110.96		6.92		104.04	<0.001	<0.001	<0.001	<0.003	
MW-9S	12/6/02	110.96		7.27		103.69	<0.001	<0.001	<0.001	<0.003	
MW-9S	5/6/04	110.96		7.12		103.84	<0.001	<0.001	<0.001	<0.003	<0.001
MW-9S	4/21/05	110.96		6.95		104.01					
MW-9S	4/22/05	110.96					<0.001	<0.001	<0.001	<0.003	<0.001
MW-9S	1/6/09	110.96					Obstruction in well, not able to gauge or collect samples				
MW-9S	9/1/09	110.96		6.96		104.00					
MW-9S	4/14/11	110.96		6.95		104.01	<0.001	<0.001	<0.001	<0.003	<0.001
MW-9S	1/28/13	110.96		7.47		103.49					
MW-9D	4/1/91	86.06		6.26		79.80	<0.005	<0.005	<0.005	<0.01	
MW-9D	1/27/92						<0.002	<0.002	<0.002	<0.005	
MW-9D	8/24/92						<0.002	<0.002	<0.002	<0.005	
MW-9D	1/19/93										
MW-9D	6/17/93										
MW-9D	11/11/93	97.48		7.13		90.35	<0.001	<0.001	<0.001	<0.001	
MW-9D	6/27/94	97.48		7.13		90.35	<0.001	<0.001	<0.001	<0.003	
MW-9D	2/16/95	97.48		7.15		90.33	<0.002	<0.002	<0.002	<0.005	
MW-9D	7/28/95	97.48		6.92		90.56	<0.002	<0.002	<0.002	<0.005	
MW-9D	3/22/96	97.48		7.42		90.06	<0.002	<0.002	<0.002	<0.005	
MW-9D	6/17/96	97.48		6.44		91.04	<0.002	<0.002	<0.002	<0.005	
MW-9D	9/25/96	97.48		7.19		90.29	<0.002	<0.002	<0.002	<0.005	
MW-9D	4/24/97	97.48		6.84		90.64	<0.002	<0.002	<0.002	<0.005	
MW-9D	6/17/97	97.48		6.79		90.69	<0.002	<0.002	<0.002	<0.005	

Table 1

Groundwater Elevations 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
Sample ID	Date Sampled	Reference Elevation (feet)	Static Depth to Free Product (feet below TOC)	Static Depth to Water (feet below TOC)	Free Product Thickness (feet)	Groundwater Elevation (feet)					
MW-9D	8/27/97	97.48		7.02		90.46	<0.002	<0.002	<0.002	<0.005	
MW-9D	11/5/97	110.26		7.32		102.94	<0.001	<0.001	<0.001	<0.003	
MW-9D	2/27/98	110.26		6.74		103.52	<0.001	<0.001	<0.001	<0.003	
MW-9D	6/10/98	110.26		6.79		103.47	<0.001	<0.001	<0.001	<0.003	
MW-9D	10/8/98	110.26		6.93		103.33	<0.001	<0.001	<0.001	<0.003	
MW-9D	3/31/99	110.26		7.01		103.25	<0.001	<0.001	<0.001	<0.003	
MW-9D	6/9/99	110.26		6.87		103.39	<0.001	<0.001	<0.001	<0.003	
MW-9D	9/2/99	110.26		7.41		102.85	<0.001	<0.001	<0.001	<0.003	
MW-9D	10/28/99	110.26		7.31		102.95	<0.001	<0.001	<0.001	<0.003	
MW-9D	2/23/00	110.26		7.10		103.16	<0.001	<0.001	<0.001	<0.003	
MW-9D	5/24/00	110.26		6.74		103.52	<0.001	<0.001	<0.001	<0.003	
MW-9D	8/15/00	110.26		7.07		103.19	<0.001	<0.001	<0.001	<0.003	
MW-9D	11/9/00	110.26		6.90		103.36	<0.001	<0.001	<0.001	<0.003	
MW-9D	10/11/01	110.26		7.05		103.21	<0.001	<0.001	<0.001	<0.003	
MW-9D	3/14/02	110.26		6.83		103.43	<0.001	<0.001	<0.001	<0.003	
MW-9D	6/6/02	110.26		6.62		103.64	<0.001	<0.001	<0.001	<0.003	
MW-9D	8/30/02	110.26		7.04		103.22	<0.001	<0.001	<0.001	<0.003	
MW-9D	12/6/02	110.26		7.38		102.88	<0.001	<0.001	<0.001	<0.003	
MW-9D	5/6/04	110.26		7.21		103.05	<0.001	<0.001	<0.001	<0.003	<0.001
MW-9D	4/21/05	110.26		7.04		103.22					
MW-9D	4/22/05	110.26					<0.001	<0.001	<0.001	<0.003	<0.001
MW-9D	1/5/09	110.26		6.91		103.35					
MW-9D	1/6/09	110.26					<0.001	<0.001	<0.001	<0.003	<0.001
MW-9D	9/1/09	110.26		7.05		103.21					
MW-9D	4/14/11	110.26		7.06		103.20	<0.001	<0.001	<0.001	<0.003	<0.001
MW-9D	1/28/13	110.26		7.58		102.68					
MW-10S	4/1/91	85.93		5.28		80.65	<0.005	<0.005	<0.005	<0.010	
MW-10S	1/27/92						<0.002	<0.002	<0.002	<0.005	
MW-10S	8/24/92						<0.002	<0.002	<0.002	<0.005	
MW-10S	1/19/93						BDL	BDL	BDL	BDL	
MW-10S	6/17/93	96.38		5.91		90.47	<0.001	<0.001	<0.001	<0.001	
MW-10S	11/11/93	96.38		6.12		90.26	<0.001	<0.001	<0.001	<0.001	
MW-10S	6/27/94	96.38		6.11		90.27	<0.001	<0.001	<0.001	<0.003	
MW-10S	2/16/95	96.38		6.08		90.30	<0.002	<0.002	<0.002	<0.005	
MW-10S	7/28/95	96.38		5.84		90.54	<0.002	<0.002	<0.002	<0.005	
MW-10S	3/22/96	96.38		6.33		90.05	<0.002	<0.002	<0.002	<0.005	
MW-10S	6/17/96	96.38		5.26		91.12	<0.002	<0.002	<0.002	<0.005	
MW-10S	9/25/96	96.38		6.09		90.29	<0.002	<0.002	<0.002	<0.005	
MW-10S	4/24/97	96.38		5.73		90.65	<0.002	<0.002	<0.002	<0.005	
MW-10S	6/17/97	96.38		5.64		90.74	<0.002	<0.002	<0.002	<0.005	
MW-10S	8/27/97	96.38		5.90		90.48	**0.0126**	<0.002	<0.002	<0.005	
MW-10S	11/5/97	108.99		6.19		102.80	<0.001	<0.001	<0.001	<0.003	
MW-10S	2/27/98	108.99		5.77		103.22	<0.001	<0.001	<0.001	<0.003	
MW-10S	6/10/98	108.99		5.66		103.33	<0.001	<0.001	<0.001	<0.003	
MW-10S	10/8/98	108.99		5.83		103.16	<0.001	<0.001	<0.001	<0.003	
MW-10S	3/31/99	108.99		5.95		103.04	<0.001	<0.001	<0.001	<0.003	
MW-10S	6/9/99	108.99		5.76		103.23	<0.001	<0.001	<0.001	<0.003	
MW-10S	9/2/99	108.99		6.21		102.78	<0.001	<0.001	<0.001	<0.003	
MW-10S	10/28/99	108.99		6.30		102.69	<0.001	<0.001	<0.001	<0.003	
MW-10S	2/23/00	108.99		6.06		102.93	<0.001	<0.001	<0.001	<0.003	
MW-10S	5/24/00	108.99		5.68		103.31	<0.001	<0.001	<0.001	<0.003	
MW-10S	8/15/00	108.99		5.94		103.05	<0.001	<0.001	<0.001	<0.003	
MW-10S	11/9/00	108.99		5.90		103.09	<0.001	<0.005	<0.001	<0.003	
MW-10S	10/11/01	108.99		5.94		103.05	<0.001	<0.001	<0.001	<0.003	
MW-10S	3/14/02	108.99		5.79		103.20	<0.001	<0.001	<0.001	<0.003	
MW-10S	6/6/02	108.99		5.55		103.44	<0.001	<0.001	<0.001	<0.003	
MW-10S	8/30/02	108.99		5.91		103.08	<0.001	<0.001	<0.001	<0.003	
MW-10S	12/6/02	108.99		6.24		102.75	<0.001	<0.001	<0.001	<0.003	
MW-10S	5/6/04	108.99		6.15		102.84	<0.001	<0.001	<0.001	<0.003	<0.001
MW-10S	4/21/05	108.99		5.97		103.02					
MW-10S	4/22/05	108.99					<0.001	<0.001	<0.001	<0.003	<0.001
MW-10S	1/5/09	108.99		5.69		103.30					
MW-10S	1/6/09	108.99				108.99	<0.001	<0.001	<0.001	<0.003	<0.001
MW-10S	1/10/11	108.99		6.07		102.92					
MW-10S	4/14/11	108.99		5.87		103.12	<0.001	<0.001	<0.001	<0.003	<0.001
MW-10S	1/28/13	108.99		6.33		102.66					
MW-10D	4/1/91	85.06		5.62		79.44	<0.005	<0.005	<0.005	<0.010	
MW-10D	1/27/92						0.005	<0.002	<0.002	<0.005	
MW-10D	8/24/92						<0.002	<0.002	<0.002	<0.005	
MW-10D	11/11/93	96.31		6.21		90.10	<0.001	<0.001	<0.001	<0.001	

Table 1

Groundwater Elevations 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
Sample ID	Date Sampled	Reference Elevation (feet)	Static Depth to Free Product (feet below TOC)	Static Depth to Water (feet below TOC)	Free Product Thickness (feet)	Groundwater Elevation (feet)					
MW-10D	6/27/94	96.31		6.23		90.08	<0.001	<0.001	<0.001	<0.003	
MW-10D	2/16/95	96.31		6.15		90.16	<0.002	<0.002	<0.002	<0.005	
MW-10D	7/28/95	96.31		5.90		90.41	<0.002	<0.002	<0.002	<0.005	
MW-10D	3/22/96	96.31		6.42		89.89	<0.002	<0.002	<0.002	<0.005	
MW-10D	6/17/96	96.31		5.27		91.04	<0.002	<0.002	<0.002	<0.005	
MW-10D	9/25/96	96.31		6.17		90.14	<0.002	<0.002	<0.002	<0.005	
MW-10D	4/24/97	96.31		5.77		90.54	<0.002	<0.002	<0.002	<0.005	
MW-10D	6/17/97	96.31		5.74		90.57	<0.002	<0.002	<0.002	<0.005	
MW-10D	8/27/97	96.31		6.83		89.48	<0.002	<0.002	<0.002	<0.005	
MW-10D	11/5/97	108.93		6.13		102.80	<0.001	<0.001	<0.001	<0.003	
MW-10D	2/27/98	108.93		5.71		103.22	<0.001	<0.001	<0.001	<0.003	
MW-10D	6/10/98	108.93		5.61		103.32	<0.001	<0.001	<0.001	<0.003	
MW-10D	10/8/98	108.93		6.79		102.14	<0.001	<0.001	<0.001	<0.003	
MW-10D	3/31/99	108.93		5.90		103.03	<0.001	<0.001	<0.001	<0.003	
MW-10D	6/9/99	108.93		5.81		103.12	<0.001	<0.001	<0.001	<0.003	
MW-10D	9/2/99	108.93		6.18		102.75	<0.001	<0.001	<0.001	<0.003	
MW-10D	10/28/99	108.93		6.18		102.75	<0.001	<0.001	<0.001	<0.003	
MW-10D	2/23/00	108.93		6.10		102.83	<0.001	<0.001	<0.001	<0.003	
MW-10D	5/24/00	108.93		5.55		103.38	<0.001	<0.001	<0.001	<0.003	
MW-10D	8/15/00	108.93		5.91		103.02	<0.001	<0.001	<0.001	<0.003	
MW-10D	11/9/00	108.93		5.80		103.13	<0.001	<0.005	<0.001	<0.003	
MW-10D	10/11/01	108.93		5.90		103.03	<0.001	<0.001	<0.001	<0.003	
MW-10D	3/14/02	108.93		5.74		103.19	<0.001	<0.001	<0.001	<0.003	
MW-10D	6/6/02	108.93		5.52		103.41	<0.001	<0.001	<0.001	<0.003	
MW-10D	8/30/02	108.93		5.85		103.08	<0.001	<0.001	<0.001	<0.003	
MW-10D	12/6/02	108.93		6.22		102.71	<0.001	<0.001	<0.001	<0.003	
MW-10D	5/6/04	108.93		6.09		102.84	<0.001	<0.001	<0.001	<0.003	0.0055
MW-10D	4/21/05	108.93		5.94		102.99					
MW-10D	4/22/05	108.93					<0.001	<0.001	<0.001	<0.003	0.0041
MW-10D	1/5/09	108.93		5.62		103.31					
MW-10D	1/6/09	108.93					<0.001	<0.001	<0.001	<0.003	<0.001
MW-10D	1/10/11	108.93		6.08		102.85					
MW-10D	4/14/11	108.93		5.83		103.10	<0.001	<0.001	<0.001	<0.003	0.0035
MW-10D	1/28/13	108.93		6.30		102.63					
MW-11S	4/1/91	85.82		5.52		80.30	0.15	<0.005	<0.005	0.011	
MW-11S	1/27/92						3.6	0.021	0.18	4.491	
MW-11S	8/24/92						0.006	0.029	0.006	0.81	
MW-11S	1/19/93						1.3	0.007	0.03	0.1	
MW-11S	6/17/93	96.99		6.01		90.98	0.14	<0.001	<0.001	<0.001	
MW-11S	11/11/93	96.99		6.80		90.19	1.35	<0.001	<0.001	<0.001	
MW-11S	6/27/94	96.99		6.84		90.15	0.785	0.0094	0.173	0.282	
MW-11S	2/16/95	96.99		6.53		90.46	1.55	0.0248	0.163	0.239	
MW-11S	7/28/95	96.99		6.42		90.57	0.954	0.0545	0.316	0.29	
MW-11S	6/17/96	96.99		4.43		92.56	<0.002	<0.002	<0.002	<0.005	
MW-11S	9/25/96	96.99		6.77		90.22	1.76	0.0443	0.519	1.22	
MW-11S	4/24/97	96.99		6.12		90.87	0.384	0.0087	0.134	2.1	
MW-11S	6/17/97	96.99		6.11		90.88	3.94	1.02	0.734	2.06	
MW-11S	8/27/97	96.99		6.58		90.41	1.79	0.586	0.657	1.2	
MW-11S	11/5/97	109.54		6.85		102.69	1	0.05	0.37	0.023	
MW-11S	2/27/98	109.54		6.58		102.96	0.19	<0.005	0.033	0.11	
MW-11S	6/10/98	109.54		6.29		103.25	0.8	0.014	0.12	<0.001	
MW-11S	10/8/98	109.54		6.49		103.05	0.91	0.03	0.4	0.76	
MW-11S	3/31/99	109.54		6.42		103.12	0.28	<0.002	0.04	0.012/<0.002	
MW-11S	6/9/99	109.54		6.40		103.14	3.7	6.7	0.73	2.77	
MW-11S	9/2/99	109.54		7.16		102.38	1.4	0.029	0.43	1.34	
MW-11S	10/28/99	109.54		6.84		102.70	0.78	0.038	0.31	0.889	
MW-11S	2/23/00	109.54		6.25		103.29	0.0028	<0.001	<0.001	<0.003	
MW-11S	5/24/00	109.54		6.05		103.49	0.018	<0.001	0.0011	<0.003	
MW-11S	8/15/00	109.54		6.62		102.92	1.3	0.051	0.42	1.116	
MW-11S	11/9/00	109.54		6.35		103.19	0.37	<0.025	0.03	0.097/<0.005	
MW-11S	10/11/01	109.54		6.56		102.98	0.78	<0.021	0.44	0.95/<0.01	
MW-11S	3/14/02	109.54		5.89		103.65	0.024	<0.001	<0.001	<0.003	
MW-11S	6/6/02	109.54		5.43		104.11	0.073	0.0036	0.012	0.0077/<0.001	
MW-11S	8/30/02	109.54		6.52		103.02	1.2	0.051	0.55	0.86/<0.01	
MW-11S	12/6/02	109.54		6.88		102.66	2.1	0.045	0.67	0.26/<0.02	
MW-11S	5/6/04	109.54		6.59		102.95	0.059	<0.001	<0.001	<0.003	<0.001
MW-11S	4/21/05	109.54		6.38		103.16	0.012	<0.001	<0.001	<0.003	<0.001
MW-11S	1/6/09	109.54		5.65		103.89	<0.001	<0.001	<0.001	<0.003	<0.001
MW-11S	9/1/09	109.54		6.45		103.09					
MW-11S	1/10/11	109.54		6.63		102.91					

Table 1

Groundwater Elevations 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
Sample ID	Date Sampled	Reference Elevation (feet)	Static Depth to Free Product (feet below TOC)	Static Depth to Water (feet below TOC)	Free Product Thickness (feet)	Groundwater Elevation (feet)					
MW-11S	4/14/11	109.54		5.99		103.55	<0.001	<0.001	<0.001	<0.003	<0.001
MW-11S	1/28/13	109.54		6.95		102.59					
MW-11D	4/1/91	85.90		6.57		79.33	<0.005	<0.005	<0.005	<0.01	
MW-11D	1/27/92						<0.002	<0.002	<0.002	<0.005	
MW-11D	8/24/92						<0.004	<0.002	<0.002	<0.005	
MW-11D	11/11/93	97.02		6.81		90.21	<0.001	<0.001	<0.001	<0.001	
MW-11D	6/27/94	97.02		6.95		90.07	0.248	0.0028	0.0637	0.135	
MW-11D	2/16/95	97.02		6.70		90.32	0.433	0.0058	0.0407	0.0446	
MW-11D	7/28/95	97.02		6.49		90.53	0.94	0.0386	0.219	0.215	
MW-11D	3/22/96	97.02		7.07		89.95	0.424	0.0075	0.0467	0.0191	
MW-11D	6/17/96	97.02		6.12		90.90	0.0482	<0.002	<0.002	<0.005	
MW-11D	9/25/96	97.02		6.89		90.13	0.392	0.0077	0.104	0.204	
MW-11D	4/24/97	97.02		6.31		90.71	0.339	0.131	0.0807	0.184	
MW-11D	6/17/97	97.02		6.32		90.70	1.56	0.368	0.278	0.956	
MW-11D	8/27/97	97.02		7.84		89.18	0.311	0.0167	0.0837	0.224	
MW-11D	11/5/97	109.58		7.13		102.45	0.17	0.0045	0.09	0.29	
MW-11D	2/27/98	109.58		6.23		103.35	0.024	<0.001	<0.001	<0.003	
MW-11D	6/10/98	109.58		6.52		103.06	0.02	<0.001	<0.001	<0.003	
MW-11D	10/8/98	109.58		6.76		102.82	0.12	0.004	0.038	0.044	
MW-11D	3/31/99	109.58		6.90		102.68	0.0034	<0.001	<0.001	<0.003	
MW-11D	6/9/99	109.58		6.64		102.94	0.75	1.4	0.14	0.53	
MW-11D	9/2/99	109.58		7.22		102.36	0.082	0.0048	0.037	0.1225	
MW-11D	10/28/99	109.58		7.10		102.48	0.077	0.0023	0.035	0.1	
MW-11D	2/23/00	109.58		6.91		102.67	0.16	0.0012	0.0098	0.1	
MW-11D	5/24/00	109.58		6.49		103.09	0.0011	<0.001	<0.001	<0.003	
MW-11D	8/15/00	109.58		7.04		102.54	0.014	<0.001	0.0053	0.011	
MW-11D	11/9/00	109.58		6.95		102.63	0.26	<0.012	0.027	0.059	
MW-11D	10/11/01	109.58		6.83		102.75	0.017	<0.001	0.0035	<0.003	
MW-11D	3/14/02	109.58		6.42		103.16	<0.001	<0.001	<0.001	<0.003	
MW-11D	6/6/02	109.58		6.33		103.25	<0.001	<0.001	<0.001	<0.003	
MW-11D	8/30/02	109.58		6.74		102.84	0.035	<0.001	0.0012	<0.003	
MW-11D	12/6/02	109.58		7.09		102.49	0.001	<0.001	<0.001	<0.003	
MW-11D	5/6/04	109.58		6.80		102.78	0.008	<0.001	<0.001	<0.003	0.0025
MW-11D	4/21/05	109.58		6.63		102.95	<0.001	<0.001	<0.001	<0.003	<0.001
MW-11D	1/6/09	109.58		6.26		103.32	<0.001	<0.001	<0.001	<0.003	0.0017
MW-11D	9/1/09	109.58		6.47		103.11					
MW-11D	1/10/11	109.58		6.76		102.82					
MW-11D	4/14/11	109.58		6.42		103.16	<0.001	<0.001	<0.001	<0.003	<0.001
MW-11D	1/28/13	109.58		7.10		102.48					
MW-12S	4/1/91	81.23		2.21		79.02	1.8	0.14	0.11	0.4	
MW-12S	1/27/92						0.041	0.002	0.013	0.054	
MW-12S	8/24/92						0.2	0.002	0.004	0.005	
MW-12S	1/19/93						BDL	BDL	BDL	BDL	
MW-12S	6/17/93	92.64		2.60		90.04	0.003	<0.001	<0.001	<0.001	
MW-12S	11/11/93	92.64		2.45		90.19	<0.001	<0.001	<0.001	<0.001	
MW-12S	6/27/94	92.64		2.52		90.12	0.137	<0.001	<0.001	<0.003	
MW-12S	2/16/95	92.64		2.25		90.39	0.0902	<0.002	<0.002	<0.005	
MW-12S	7/28/95	92.64		2.10		90.54	0.0137	<0.002	<0.002	<0.005	
MW-12S	3/22/96	92.64		2.62		90.02	<0.002	<0.002	<0.002	<0.005	
MW-12S	6/17/96	92.64		1.50		91.14	<0.002	<0.002	<0.002	<0.005	
MW-12S	9/25/96	92.64		2.36		90.28	<0.002	<0.002	<0.002	<0.005	
MW-12S	4/24/97	92.64		1.89		90.75	<0.002	<0.002	<0.002	<0.005	
MW-12S	6/17/97	92.64		1.76		90.88	<0.002	<0.002	<0.002	<0.005	
MW-12S	8/27/97	92.64		2.24		90.40	<0.002	<0.002	<0.002	<0.005	
MW-12S	11/5/97	105.19		2.50		102.69	0.0026	<0.001	<0.001	<0.003	
MW-12S	2/27/98	105.19		2.56		102.63	<0.001	<0.001	<0.001	<0.003	
MW-12S	6/10/98	105.19		1.90		103.29	<0.001	<0.001	<0.001	<0.003	
MW-12S	10/8/98	105.19		2.17		103.02	<0.001	<0.001	<0.001	<0.003	
MW-12S	3/31/99	105.19		2.29		102.90	<0.001	<0.001	<0.001	<0.003	
MW-12S	6/9/99	105.19		2.13		103.06	0.07	<0.001	<0.001	<0.003	
MW-12S	9/2/99	105.19		3.75		101.44	<0.001	<0.001	<0.001	<0.002	
MW-12S	10/28/99	105.19		2.58		102.61	0.16	0.0045	0.0043	0.005	
MW-12S	2/23/00	105.19		2.33		102.86	0.054	0.0021	0.011	0.012	
MW-12S	5/24/00	105.19		1.92		103.27	0.13	0.0034	0.015	0.017	
MW-12S	8/15/00	105.19		2.23		102.96	0.24	0.016	0.053	0.059	
MW-12S	11/9/00	105.19		2.15		103.04	0.27	0.037	0.12	0.2133	
MW-12S	10/11/01	105.19		2.32		102.87	0.11	0.013	0.12	0.1224	
MW-12S	3/14/02	105.19		1.98		103.21	0.18	0.0075	0.041	0.121	
MW-12S	6/6/02	105.19		1.80		103.39	0.18	0.023	0.042	0.0061	
MW-12S	8/30/02	105.19		2.20		102.99	0.2	0.027	0.077	0.1817	

Table 1

Groundwater Elevations 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
Sample ID	Date Sampled	Reference Elevation (feet)	Static Depth to Free Product (feet below TOC)	Static Depth to Water (feet below TOC)	Free Product Thickness (feet)	Groundwater Elevation (feet)					
MW-12S	12/6/02	105.19		2.58		102.61	**0.051**	0.006	0.017	0.079	
MW-12S	5/6/04	105.19		2.40		102.79	**0.043**	0.0035	<0.001	0.022	0.0012
MW-12S	4/21/05	105.19		2.20		102.99	**0.027**	0.0014	<0.001	0.0097	0.0021
MW-12S	12/29/08	105.19		1.00		104.19					
MW-12S	1/5/09	105.19		1.84		103.35					
MW-12S	1/6/09	105.19					<0.001	<0.001	<0.001	<0.003	<0.001
MW-12S	9/1/09	105.19		2.16		103.03					
MW-12S	4/14/11	105.19		2.01		103.18	<0.001	<0.001	<0.001	<0.003	<0.001
MW-12S	1/28/13	105.19		2.68		102.51					
MW-12D	4/1/91	81.36		2.21		79.15	**0.074**	<0.005	<0.005	<0.01	
MW-12D	1/27/92						<0.002	<0.002	<0.002	<0.005	
MW-12D	8/24/92						<0.002	<0.002	<0.002	<0.005	
MW-12D	11/11/93	92.79		2.57		90.22	<0.001	<0.001	<0.001	<0.001	
MW-12D	6/27/94	92.79		3.38		89.41	<0.001	<0.001	<0.001	<0.003	
MW-12D	2/16/95	92.79		2.85		89.94	<0.002	<0.002	<0.002	<0.005	
MW-12D	7/28/95	92.79		2.60		90.19	<0.002	<0.002	<0.002	<0.005	
MW-12D	3/22/96	92.79		3.15		89.64	<0.002	<0.002	<0.002	<0.005	
MW-12D	6/17/96	92.79		2.08		90.71	<0.002	<0.002	<0.002	<0.005	
MW-12D	9/25/96	92.79		2.93		89.86	<0.002	<0.002	<0.002	<0.005	
MW-12D	4/24/97	92.79		2.30		90.49	<0.002	<0.002	<0.002	<0.005	
MW-12D	6/17/97	92.79		2.29		90.50	<0.002	<0.002	<0.002	<0.005	
MW-12D	8/27/97	92.79		2.75		90.04	<0.002	<0.002	<0.002	<0.005	
MW-12D	11/5/97	105.34		3.13		102.21	<0.001	<0.001	<0.001	<0.003	
MW-12D	2/27/98	105.34		1.97		103.37	<0.001	<0.001	<0.001	<0.003	
MW-12D	6/10/98	105.34		2.47		102.87	<0.001	<0.001	<0.001	<0.003	
MW-12D	10/8/98	105.34		2.86		102.48	<0.001	<0.001	<0.001	<0.003	
MW-12D	3/31/99	105.34		2.77		102.57	<0.001	<0.001	<0.001	<0.003	
MW-12D	6/9/99	105.34		2.68		102.66	<0.001	<0.001	<0.001	<0.003	
MW-12D	9/2/99	105.34		3.31		102.03	<0.001	<0.001	<0.001	<0.002	
MW-12D	10/28/99	105.34		3.20		102.14	<0.001	<0.001	<0.001	<0.002	
MW-12D	2/23/00	105.34		3.00		102.34	<0.001	<0.001	<0.001	<0.003	
MW-12D	5/24/00	105.34		2.49		102.85	<0.001	<0.001	<0.001	<0.003	
MW-12D	8/15/00	105.34		2.82		102.52	<0.001	<0.001	<0.001	<0.003	
MW-12D	11/9/00	105.34		2.75		102.59	<0.001	<0.001	<0.001	<0.003	
MW-12D	10/11/01	105.34		2.82		102.52	<0.001	<0.001	<0.001	<0.003	
MW-12D	3/14/02	105.34		2.50		102.84	<0.001	<0.001	<0.001	<0.003	
MW-12D	6/6/02	105.34		2.34		103.00	<0.001	<0.001	<0.001	<0.003	
MW-12D	8/30/02	105.34		2.81		102.53	<0.001	<0.001	<0.001	<0.003	
MW-12D	12/6/02	105.34		3.20		102.14	<0.001	<0.001	<0.001	<0.003	
MW-12D	5/6/04	105.34		2.96		102.38	<0.001	<0.001	<0.001	<0.003	<0.001
MW-12D	4/21/05	105.34		3.73		101.61	<0.001	<0.001	<0.001	<0.03	<0.001
MW-12D	1/5/09	105.34		2.31		103.03					
MW-12D	1/6/09	105.34					<0.001	<0.001	<0.001	<0.003	<0.001
MW-12D	9/1/09	105.34		2.58		102.76					
MW-12D	4/14/11	105.34		2.47		102.87	<0.001	<0.001	<0.001	<0.003	<0.001
MW-12D	1/28/13	105.34		3.35		101.99					
MW-13	4/1/91	85.19		5.24		79.95	**2.6**	0.3	0.19	0.56	
MW-13	2/19/92						**1.9**	0.01	0.14	0.72	
MW-13	8/24/92						**14**	**2.1**	**0.85**	**13**	
MW-13	1/19/93						**0.009**	BDL	BDL	0.005	
MW-13	6/17/93	96.50		6.00		90.50	<0.001	<0.001	<0.001	<0.001	
MW-13	11/11/93	96.50		6.28		90.22	**0.81**	0.054	0.346	4.56	
MW-13	6/27/94	96.50		6.29		90.21	**0.142**	0.0037	0.119	0.413	
MW-13	2/16/95	96.50		6.20		90.30	**0.0475**	<0.002	0.0202	0.129	
MW-13	7/28/95	96.50		6.01		90.49	**0.41**	0.0051	0.56	2.548	
MW-13	3/22/96	96.50		6.53		89.97	**0.212**	0.0092	0.0901	0.973	
MW-13	6/17/96	96.50		3.78		92.72	<0.002	<0.002	<0.002	<0.005	
MW-13	9/25/96	96.50		6.29		90.21	**0.109**	0.0261	**0.911**	9.6	
MW-13	4/24/97	96.50		5.80		90.70	<0.002	<0.002	<0.002	<0.005	
MW-13	6/17/97	96.50		5.59		90.91	**0.0195**	<0.002	0.0201	0.107	
MW-13	8/27/97	96.50		6.17		90.33	**1.4**	0.38	0.361	3.65	
MW-13	11/5/97	109.12		6.38		102.74	**0.16**	<0.025	0.67	5.8	
MW-13	2/27/98	109.12		5.51		103.61	<0.001	<0.001	<0.001	<0.003	
MW-13	6/10/98	109.12		5.78		103.34	**0.38**	<0.025	0.67	3.4	
MW-13	10/8/98	109.12		6.02		103.10	**<0.025**	<0.025	0.28	3.5	
MW-13	3/31/99	109.12		6.17		102.95	**0.027**	<0.0025	0.11	0.81	
MW-13	6/9/99	109.12		6.07		103.05	**0.008**	0.013	0.13	0;903.3	
MW-13	9/2/99	109.12		6.64		102.48	**0.23**	<0.025	0.12	0.72	
MW-13	10/28/99	109.12		6.45		102.67	**0.2**	<0.01	0.11	0.718	
MW-13	2/23/00	109.12		5.50		103.62					

Table 1

Groundwater Elevations 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
Sample ID	Date Sampled	Reference Elevation (feet)	Static Depth to Free Product (feet below TOC)	Static Depth to Water (feet below TOC)	Free Product Thickness (feet)	Groundwater Elevation (feet)					
MW-13	5/24/00	109.12		5.91		103.21	0.0073	<0.001	0.0019	0.021	
MW-13	8/15/00	109.12		6.24		102.88	0.038	<0.005	0.3	0.5453	
MW-13	11/9/00	109.12		6.08		103.04	<0.001	<0.005	0.0014	<0.003	
MW-13	10/11/01	109.12		6.21		102.91	0.05	0.0023	0.069	0.0122	
MW-13	3/14/02	109.12		5.89		103.23	<0.001	<0.001	<0.001	<0.003	
MW-13	6/6/02	109.12		5.06		104.06	0.0077	<0.001	0.009	<0.003	
MW-13	8/30/02	109.12		6.15		102.97	0.013	0.0018	0.03	0.0024	
MW-13	12/6/02	109.12		6.53		102.59	0.044	<0.01	0.085	<0.03	
MW-13	5/6/04	109.12		6.37		102.75	0.0039	<0.001	0.013	<0.003	<0.001
MW-13	4/21/05	109.12		6.27		102.85					
MW-13	4/22/05	109.12					0.0077	<0.001	0.039	0.013	<0.001
MW-13	12/29/08	109.12		5.00		104.12					
MW-13	1/5/09	109.12		5.88		103.24					
MW-13	1/6/09	109.12					<0.001	<0.001	<0.001	<0.003	<0.001
MW-13	4/14/11	109.12		6.18		102.94	0.0345	<0.001	<0.001	<0.003	<0.001
MW-13	1/28/13	109.12		6.49		102.63					
MW-14	1/27/92						<0.002	<0.002	<0.002	<0.005	
MW-14	8/24/92						<0.002	<0.002	<0.002	<0.005	
MW-14	1/19/93						BDL	BDL	BDL	BDL	
MW-14	6/17/93	89.62		0.00		89.62	<0.001	<0.001	<0.001	<0.001	
MW-14	11/11/93	89.62		0.00		89.62	<0.001	<0.001	<0.001	<0.001	
MW-14	6/27/94	89.62		0.00		89.62	<0.001	<0.001	<0.001	<0.003	
MW-14	2/16/95	89.62		0.00		89.62	<0.002	<0.002	<0.002	<0.005	
MW-14	7/28/95	89.62		0.00		89.62	<0.002	<0.002	<0.002	<0.005	
MW-14	6/17/96	89.62		0.03		89.59	<0.002	<0.002	<0.002	<0.005	
MW-14	9/25/96	89.62		0.05		89.57	<0.002	<0.002	<0.002	<0.005	
MW-14	4/24/97	89.62		0.00		89.62	<0.002	<0.002	<0.002	<0.005	
MW-14	6/17/97	89.62		0.00		89.62	<0.002	<0.002	<0.002	<0.005	
MW-14	8/27/97	89.62		0.00		89.62	<0.002	<0.002	<0.002	<0.005	
MW-14	11/5/97	99.46		0.79		98.67	<0.001	<0.001	<0.001	<0.003	
MW-14	2/27/98	99.46		0.00		99.46	<0.001	<0.001	<0.001	<0.003	
MW-14	6/10/98	99.46		0.00		99.46	<0.001	<0.001	<0.001	<0.003	
MW-14	10/8/98	99.46		0.09		99.37	<0.001	<0.001	<0.001	<0.003	
MW-14	3/31/99	99.46		0.00		99.46	<0.001	<0.001	<0.001	<0.003	
MW-14	6/9/99	99.46		0.00		99.46	<0.001	<0.001	<0.001	<0.003	
MW-14	9/2/99	99.46		0.19		99.27	<0.001	<0.001	<0.001	<0.003	
MW-14	10/28/99	99.46		0.00		99.46	<0.001	<0.001	<0.001	<0.003	
MW-14	2/23/00	99.46		0.00		99.46	<0.001	<0.001	<0.001	<0.003	
MW-14	5/24/00			0.00			<0.001	<0.001	<0.001	<0.003	
MW-14	8/15/00			0.00			<0.001	<0.001	<0.001	<0.003	
MW-14	11/9/00			0.00			<0.001	<0.001	<0.001	<0.003	
MW-14	10/11/01	99.16		0.02		99.14	<0.001	<0.001	<0.001	<0.003	
MW-14	3/14/02	99.16		0.02		99.14	<0.001	<0.001	<0.001	<0.003	
MW-14	6/6/02	99.16		0.00		99.16	<0.001	<0.001	<0.001	<0.003	
MW-14	8/30/02	99.16		0.00		99.16	<0.001	<0.001	<0.001	<0.003	
MW-14	12/6/02	99.16		0.00		99.16	<0.001	<0.001	<0.001	<0.003	
MW-14	5/6/04	99.16		0.00		99.16	<0.001	<0.001	<0.001	<0.003	<0.001
MW-14	4/21/05	99.16		0.00		99.16					
MW-14	4/22/05	99.16					<0.001	<0.001	<0.001	<0.003	<0.001
MW-14	1/5/09	99.16		0.30		98.86					
MW-14	1/6/09	99.16					<0.001	<0.001	<0.001	<0.003	<0.001
MW-14	4/14/11	99.16		0.24		98.92	<0.001	<0.001	<0.001	<0.003	<0.001
MW-15	1/27/92						0.005	<0.002	<0.002	<0.005	
MW-15	8/24/92						0.03	<0.002	<0.002	<0.005	
MW-15	1/19/93						0.24	BDL	BDL	BDL	
MW-15	6/17/93	88.40		0.00		88.40	0.85	<0.001	<0.001	<0.001	
MW-15	11/11/93	88.40		0.56		87.84	1.03	<0.001	<0.001	<0.001	
MW-15	6/27/94	88.40		0.50		87.90	2.04	<0.001	<0.001	<0.003	
MW-15	2/16/95	88.40		0.85		87.55	1.82	<0.002	<0.002	<0.005	
MW-15	7/28/95	88.40		0.20		88.20	3.55	<0.002	<0.002	<0.005	
MW-15	3/22/96	88.40		0.74		87.66	10.5	<0.002	<0.002	<0.005	
MW-15	6/17/96	88.40		0.00		88.40	9.75	<0.002	<0.002	<0.005	
MW-15	9/25/96	88.40		0.75		87.65	7.6	<0.002	<0.002	<0.005	
MW-15	4/24/97	88.40		0.16		88.24	10.7	0.0084	<0.002	<0.005	
MW-15	6/17/97	88.40		0.00		88.40	9.59	0.0381	<0.005	<0.005	
MW-15	8/27/97	88.40		0.40		88.00	8.32	<0.05	<0.05	<0.125	
MW-15	11/5/97	100.25		0.68		99.57	8.2	<0.05	<0.05	<0.15	
MW-15	2/27/98	100.25		0.22		100.03	7.4	<0.1	<0.1	<0.3	
MW-15	6/10/98	100.25		0.18		100.07	6.9	<0.1	<0.1	<0.3	
MW-15	10/8/98	100.25		0.43		99.82	5.4	<0.05	<0.05	<0.15	

Table 1

Groundwater Elevations 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
Sample ID	Date Sampled	Reference Elevation (feet)	Static Depth to Free Product (feet below TOC)	Static Depth to Water (feet below TOC)	Free Product Thickness (feet)	Groundwater Elevation (feet)					
MW-15	3/31/99	100.25		1.30		98.95	4.6	<0.025	<0.025	<0.075	
MW-15	6/9/99	100.25		1.20		99.05	4.2	0.032	<0.025	<0.075	
MW-15	9/2/99	100.25		1.55		98.70	2.9	0.036	0.034	0.079	
MW-15	10/28/99	100.25		1.44		98.81	2.5	0.049	0.078	0.165	
MW-15	2/23/00	100.25		0.90		99.35	1.2	0.045	0.091	0.2	
MW-15	5/24/00	100.25		0.71		99.54	0.97	0.034	0.11	0.255	
MW-15	8/15/00	100.25		0.86		99.39	0.58	0.024	0.12	0.264	
MW-15	11/9/00	100.25		0.75		99.50	0.13	0.0074	0.027	0.055	
MW-15	10/11/01	100.25		0.84		99.41	0.2	0.012	0.062	0.1125	
MW-15	3/14/02	100.25		0.62		99.63	0.21	0.011	0.055	0.0993	
MW-15	6/6/02	100.25		0.47		99.78	0.17	0.0055	0.033	0.0688	
MW-15	8/30/02	100.25		0.83		99.42	0.22	0.0073	0.04	0.0628	
MW-15	12/6/02	100.25		1.11		99.14	0.24	0.0062	0.031	0.0394	
MW-15	5/6/04	100.25		0.95		99.30	0.12	0.004	0.0023	0.0063	<0.001
MW-15	4/21/05	100.25		0.79		99.46					
MW-15	4/22/05	100.25					0.076	0.0024	<0.001	0.0045	<0.001
MW-15	1/5/09	100.25		0.40		99.85					
MW-15	1/6/09	100.25					0.0739	0.004	<0.001	0.0135	0.004
MW-15	4/14/11	100.25		0.43		99.82	0.411	0.0121	<0.001	0.0284	0.0023
MW-16	1/27/92						<0.002	<0.002	<0.002	<0.005	
MW-16	8/24/92						<0.002	<0.002	<0.002	<0.005	
MW-16	1/19/93						BDL	BDL	BDL	BDL	
MW-16	6/17/93	91.82		2.23		89.59	<0.001	<0.001	<0.001	<0.001	
MW-16	11/11/93	91.82		2.47		89.35	<0.001	<0.001	<0.001	<0.001	
MW-16	6/27/94	91.82		2.59		89.23	<0.001	<0.001	<0.001	<0.003	
MW-16	2/16/95	91.82		2.60		89.22	0.0103	<0.002	<0.002	<0.005	
MW-16	7/28/95	91.82		2.44		89.38	0.182	<0.002	<0.002	<0.005	
MW-16	3/22/96	91.82		3.14		88.68	1.83	<0.002	<0.002	<0.005	
MW-16	6/17/96	91.82		1.63		90.19	2.08	<0.002	<0.002	<0.005	
MW-16	9/25/96	91.82		2.38		89.44	2.19	<0.002	<0.002	<0.005	
MW-16	4/24/97	91.82		7.95		83.87	3.53	<0.002	<0.002	<0.005	
MW-16	6/17/97	91.82		4.49		87.33	3.6	<0.002	<0.002	<0.005	
MW-16	8/27/97	91.82		5.51		86.31	4.17	0.219	<0.05	0.197	
MW-16	11/5/97	101.72		7.75		93.97	3.9	<0.025	<0.025	<0.075	
MW-16	2/27/98	101.72		6.28		95.44	4.2	<0.050	<0.05	<0.15	
MW-16	6/10/98	101.72		2.36		99.36	3.3	<0.050	<0.05	<0.15	
MW-16	10/8/98	101.72		2.55		99.17	5.1	<0.025	<0.025	<0.075	
MW-16	3/31/99	101.72		3.47		98.25	4	<0.025	<0.025	<0.075	
MW-16	6/9/99	101.72		3.30		98.42	4.6	<0.050	<0.05	<0.15	
MW-16	9/2/99	101.72		3.75		97.97	4.4	<0.050	<0.05	<0.1	
MW-16	10/28/99	101.72		3.50		98.22	4.4	<0.020	<0.02	<0.04	
MW-16	2/23/00	101.72		3.05		98.67	3.3	<0.025	<0.025	<0.075	
MW-16	5/24/00	101.72		2.91		98.81	2.6	<0.025	<0.025	<0.050	
MW-16	8/15/00	101.72		3.07		98.65	1.7	<0.010	<0.01	<0.03	
MW-16	11/9/00	101.72		3.11		98.61	1.5	<0.050	<0.01	<0.03	
MW-16	10/11/01	101.72		3.06		98.66	0.35	<0.050	<0.0025	<0.0075	
MW-16	3/14/02	101.72		2.75		98.97	0.017	<0.001	<0.001	<0.003	
MW-16	6/6/02	101.72		2.65		99.07	0.2	<0.002	<0.002	<0.006	
MW-16	8/30/02	101.72		2.97		98.75	0.13	<0.001	<0.001	<0.003	
MW-16	12/6/02	101.72		3.21		98.51	0.12	<0.001	<0.001	<0.003	
MW-16	5/6/04	101.72		3.07		98.65	0.049	<0.001	<0.001	<0.003	0.0034
MW-16	4/21/05	101.72		2.95		98.77					
MW-16	4/22/05	101.72					0.045	<0.001	<0.001	<0.003	0.0032
MW-16	1/5/09	101.72		2.58		99.14					
MW-16	1/6/09	101.72					0.0191	<0.001	<0.001	<0.003	<0.001
MW-16	4/14/11	101.72		2.62		99.10	0.006	<0.001	<0.001	<0.003	0.0034
MW-17	11/5/97	100.91		2.05		98.86	<0.001	<0.001	<0.001	<0.003	
MW-17	2/27/98	100.91		1.63		99.28	<0.001	<0.001	<0.001	<0.003	
MW-17	6/10/98	100.91		1.58		99.33	<0.001	<0.001	<0.001	<0.003	
MW-17	10/8/98	100.91		1.87		99.04	<0.001	<0.001	<0.001	<0.003	
MW-17	3/31/99	100.91		2.29		98.62	<0.001	<0.001	<0.001	<0.003	
MW-17	6/9/99	100.91		2.15		98.76	<0.001	<0.001	<0.001	<0.003	
MW-17	9/2/99	100.91		2.65		98.26	<0.001	<0.001	<0.001	<0.002	
MW-17	10/28/99	100.91		2.54		98.37	<0.001	<0.001	<0.001	<0.002	
MW-17	2/23/00	100.91		2.04		98.87	<0.001	<0.001	<0.001	<0.003	
MW-17	5/24/00	100.91		1.81		99.10	<0.001	<0.001	<0.001	<0.002	
MW-17	8/15/00	100.91		2.07		98.84	<0.001	<0.001	<0.001	<0.003	
MW-17	11/9/00	100.91		1.98		98.93	<0.001	<0.005	<0.001	<0.003	
MW-17	10/11/01	100.91		2.14		98.77	<0.001	<0.001	<0.001	<0.003	
MW-17	3/14/02	100.91		1.81		99.10	<0.001	<0.001	<0.001	<0.003	

Table 1

Groundwater Elevations 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
Sample ID	Date Sampled	Reference Elevation (feet)	Static Depth to Free Product (feet below TOC)	Static Depth to Water (feet below TOC)	Free Product Thickness (feet)	Groundwater Elevation (feet)					
MW-17	6/6/02	100.91		1.59		99.32	0.0024	<0.001	<0.001	<0.003	
MW-17	8/30/02	100.91		2.01		98.90	<0.001	<0.001	<0.001	<0.003	
MW-17	12/6/02	100.91		2.34		98.57	<0.001	<0.001	<0.001	<0.003	
MW-17	5/6/04	100.91		2.13		98.78	0.0011	<0.001	<0.001	<0.003	0.053
MW-17	4/21/05	100.91		1.99		98.92					
MW-17	4/22/05	100.91					0.0041	<0.001	<0.001	<0.003	0.057
MW-17	1/5/09	100.91		1.48		99.43					
MW-17	1/6/09	100.91					<0.001	<0.001	<0.001	<0.003	0.0128
MW-17	4/14/11	100.91		1.60		99.31	<0.001	<0.001	<0.001	<0.003	0.0149
MW-18	11/5/97	99.19		5.32		93.87	<0.001	<0.001	<0.001	<0.003	
MW-18	2/27/98	99.19		2.63		96.56	<0.001	<0.001	<0.001	<0.003	
MW-18	6/10/98	99.19		2.85		96.34	<0.001	<0.001	<0.001	<0.003	
MW-18	10/8/98	99.19		6.37		92.82	<0.001	<0.001	<0.001	<0.003	
MW-18	3/31/99	99.19		2.81		96.38	<0.001	<0.001	<0.001	<0.003	
MW-18	6/9/99	99.19		2.46		96.73	<0.001	<0.001	<0.001	<0.003	
MW-18	9/2/99	99.19		4.73		94.46	<0.001	<0.001	<0.001	<0.003	
MW-18	10/28/99	99.19		3.95		95.24	<0.001	<0.001	<0.001	<0.003	
MW-18	2/23/00	99.19		3.25		95.94	<0.001	<0.001	<0.001	<0.003	
MW-18	5/24/00	99.19		2.34		96.85	<0.001	<0.001	<0.001	<0.003	
MW-18	8/15/00	99.19		2.98		96.21	<0.001	<0.001	<0.001	<0.003	
MW-18	11/9/00	99.19		3.35		95.84	<0.001	<0.005	<0.001	<0.003	
MW-18	10/11/01	99.19		3.42		95.77	<0.001	<0.001	<0.001	<0.003	
MW-18	3/14/02	99.19		2.40		96.79	<0.001	<0.001	<0.001	<0.003	
MW-18	6/6/02	99.19		2.33		96.86	<0.001	<0.001	<0.001	<0.003	
MW-18	8/30/02	99.19		3.50		95.69	<0.001	<0.001	<0.001	<0.003	
MW-18	12/6/02	99.19		3.54		95.65	<0.001	<0.001	<0.001	<0.003	
MW-18	5/6/04	99.19		2.83		96.36	<0.001	<0.001	<0.001	<0.003	<0.001
MW-18	4/21/05	99.19		2.73		96.46					
MW-18	4/22/05	99.19					<0.001	<0.001	<0.001	<0.003	<0.001
MW-18	1/5/09	99.19		2.34		96.85					
MW-18	1/6/09	99.19					<0.001	<0.001	<0.001	<0.003	<0.001
MW-18	4/14/11	99.19		2.53		96.66	<0.001	<0.001	<0.001	<0.003	<0.001
MW-19	10/19/01	100.62		5.42		95.20	<0.001	<0.001	<0.001	<0.003	
MW-19	3/14/02	100.62		3.70		96.92	<0.001	<0.001	<0.001	<0.003	
MW-19	6/6/02	100.62		2.90		97.72	<0.001	<0.001	<0.001	<0.003	
MW-19	8/30/02	100.62		4.85		95.77	<0.001	<0.001	<0.001	<0.003	
MW-19	12/6/02	100.62		5.71		94.91	<0.001	<0.001	<0.001	<0.003	
MW-19	5/3/04	100.62		4.10		96.52	<0.001	<0.001	<0.001	<0.003	<0.001
MW-19	4/21/05	100.62		3.77		96.85					
MW-19	4/22/05	100.62					<0.001	<0.001	<0.001	<0.003	<0.001
MW-19	1/5/09	100.62		3.33		97.29					
MW-19	1/6/09	100.62					<0.001	<0.001	<0.001	<0.003	<0.001
MW-19	4/14/11	100.62		3.00		97.62	<0.001	<0.001	<0.001	<0.003	<0.001
MW-21	4/21/05	102.43		8.79		93.64					
MW-21	4/22/05	102.43					<0.001	<0.001	<0.001	<0.003	<0.001
MW-21	1/5/09	102.43		6.12		96.31					
MW-21	1/6/09	102.43					<0.001	<0.001	<0.001	<0.003	<0.001
MW-21	4/14/11	102.43		6.01		96.42	<0.001	<0.001	<0.001	<0.003	<0.001
MW-22	4/21/05	107.15		4.62		102.53					
MW-22	4/22/05	107.15					<0.001	<0.001	<0.001	<0.003	<0.001
MW-22	1/6/09	107.15		4.34		102.81	<0.001	<0.001	<0.001	<0.003	<0.001
MW-22	4/14/11	107.15		4.51		102.64	<0.001	<0.001	<0.001	<0.003	<0.001
MW-23	4/21/05	104.89		6.90		97.99					
MW-23	4/22/05	104.89					<0.001	<0.001	<0.001	<0.003	<0.001
MW-23	1/5/09	104.89		6.78		98.11					
MW-23	1/6/09	104.89					<0.001	<0.001	<0.001	<0.003	<0.001
MW-23	4/14/11	104.89		6.83		98.06	<0.001	<0.001	<0.001	<0.003	<0.001
MW-24	4/21/05	105.54		4.35		101.19	<0.001	<0.001	<0.001	<0.003	<0.001
MW-24	4/14/11	105.54		4.84		100.70	<0.001	<0.001	<0.001	<0.003	<0.001
MW-25	5/24/05	107.74		4.31		103.43	<0.001	<0.001	<0.001	<0.003	<0.001
MW-25	9/1/09	107.74		4.33		103.41					
MW-25	4/14/11	107.74		4.10		103.64	<0.001	<0.001	<0.001	<0.003	<0.001
MW-25	12/6/12	107.74		5.21		102.53					
MW-25	12/10/12	107.74		8.25		99.49					
MW-25	12/14/12	107.74		5.22		102.52					
MW-25	12/18/12	107.74		5.27		102.47					
MW-25	12/27/12	107.74		5.24		102.50					
MW-25	1/7/13	107.74		5.20		102.54					
MW-25	1/28/13	107.74		5.19		102.55					
MW-25	2/11/13	107.74		5.15		102.59					

Table 1

Groundwater Elevations 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
Sample ID	Date Sampled	Reference Elevation (feet)	Static Depth to Free Product (feet below TOC)	Static Depth to Water (feet below TOC)	Free Product Thickness (feet)	Groundwater Elevation (feet)					
MW-25	3/25/13	107.74		4.28		103.46					
MW-25	4/4/13	107.74		5.35		102.39					
MW-25	4/8/13	107.74		5.15		102.59					
MW-25	4/15/13	107.74		4.11		103.63					
MW-25	4/22/13	107.74		3.95		103.79					
MW-25	5/8/13	107.74		4.16		103.58					
MW-25	5/23/13	107.74		4.28		103.46					
MW-25	7/3/13	107.74		4.30		103.44					
MW-26	4/21/05	111.38		7.48		103.90					
MW-26	4/22/05	111.38					<0.001	<0.001	<0.001	<0.003	<0.001
MW-26	12/29/08	111.38		6.00		105.38					
MW-26	12/31/08	111.38		6.94		104.44					
MW-26	1/5/09	111.38		7.23		104.15					
MW-26	1/6/09	111.38					0.0403	0.0755	0.0048	0.0597	0.0017
MW-26	3/13/09	111.38		6.83		104.55					
MW-26	4/1/09	111.38		6.72		104.66					
MW-26	5/19/09	111.38		7.32		104.06					
MW-26	7/16/09	111.38	7.62	7.66	0.04	103.75					
MW-26	7/27/09	111.38	7.59	7.94	0.35	103.71					
MW-26	8/11/09	111.38	7.58	8.19	0.61	103.67					
MW-26	8/18/09	111.38	7.59	8.25	0.66	103.64					
MW-26	8/25/09	111.38	7.58	8.23	0.65	103.66					
MW-26	9/1/09	111.38	7.53	7.58	0.05	103.84					
MW-26	9/10/09	111.38	7.71	7.78	0.07	103.65					
MW-26	9/17/09	111.38	7.78	7.80	0.02	103.60					
MW-26	9/24/09	111.38	7.73	7.89	0.16	103.61					
MW-26	10/1/09	111.38		7.75		103.63					
MW-26	10/7/09	111.38	7.57	7.98	0.41	103.72					
MW-26	10/23/09	111.38		7.32		104.06					
MW-26	10/28/09	111.38		7.41		103.97					
MW-26	11/9/09	111.38	7.58	7.59	0.01	103.80					
MW-26	11/24/09	111.38	7.71	7.72	0.01	103.67					
MW-26	12/3/09	111.38	7.59	7.63	0.04	103.78					
MW-26	12/8/09	111.38	7.64	7.69	0.05	103.73					
MW-26	12/17/09	111.38	7.55	7.63	0.08	103.81					
MW-26	12/22/09	111.38	7.62	7.81	0.19	103.72					
MW-26	12/28/09	111.38		7.20		104.18					
MW-26	1/6/10	111.38		7.55		103.83					
MW-26	1/19/10	111.38		7.68		103.70					
MW-26	1/25/10	111.38		7.15		104.23					
MW-26	2/2/10	111.38		7.53		103.85					
MW-26	2/8/10	111.38		7.62		103.76					
MW-26	3/18/10	111.38		7.21		104.17					
MW-26	3/24/10	111.38		7.28		104.10					
MW-26	3/29/10	111.38		7.42		103.96					
MW-26	4/21/10	111.38		7.50		103.88					
MW-26	4/27/10	111.38		7.50		103.88					
MW-26	5/4/10	111.38		7.49		103.89					
MW-26	5/10/10	111.38		7.47		103.91					
MW-26	5/19/10	111.38		7.27		104.11					
MW-26	5/25/10	111.38		7.43		103.95					
MW-26	6/2/10	111.38		7.39		103.99					
MW-26	6/8/10	111.38		7.33		104.05					
MW-26	6/16/10	111.38		7.43		103.95					
MW-26	6/22/10	111.38		7.43		103.95					
MW-26	6/30/10	111.38		7.40		103.98					
MW-26	7/6/10	111.38		7.57		103.81					
MW-26	7/13/10	111.38	7.53	7.54	0.01	103.85					
MW-26	7/20/10	111.38		7.65		103.73					
MW-26	7/27/10	111.38	7.39	7.40	0.01	103.99					
MW-26	8/18/10	111.38		7.47		103.91					
MW-26	8/24/10	111.38	7.53	7.54	0.01	103.85					
MW-26	8/31/10	111.38		7.60		103.78					
MW-26	9/21/10	111.38	7.66	7.68	0.02	103.72					
MW-26	9/30/10	111.38	7.71	7.73	0.02	103.67					
MW-26	10/12/10	111.38	7.78	8.04	0.26	103.54					
MW-26	11/3/10	111.38	7.73	8.08	0.35	103.57					
MW-26	11/15/10	111.38	7.78	8.11	0.33	103.53					
MW-26	12/2/10	111.38	7.73	8.34	0.61	103.52					
MW-26	12/10/10	111.38	7.75	8.21	0.46	103.53					

Table 1

Groundwater Elevations 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
Sample ID	Date Sampled	Reference Elevation (feet)	Static Depth to Free Product (feet below TOC)	Static Depth to Water (feet below TOC)	Free Product Thickness (feet)	Groundwater Elevation (feet)					
MW-26	12/22/10	111.38	7.81	8.58	0.77	103.40					
MW-26	12/27/10	111.38	7.82	8.63	0.81	103.38					
MW-26	12/29/10	111.38	8.11	8.59	0.48	103.16					
MW-26	1/5/11	111.38	7.87	8.14	0.27	103.45					
MW-26	5-Jan-11^	111.38		8.02		103.36					
MW-26	1/13/11	111.38	8.04	8.06	0.02	103.34					
MW-26	13-Jan-11^	111.38		8.17		103.21					
MW-26	1/17/11	111.38	7.99	8.43	0.44	103.29					
MW-26	1/28/11	111.38	7.98	8.76	0.78	103.23					
MW-26	28-Jan-11^	111.38		8.48		102.90					
MW-26	2/7/11	111.38		8.05		103.33					
MW-26	3/2/11	111.38		7.52		103.86					
MW-26	3/7/11	111.38		7.50		103.88					
MW-26	3/14/11	111.38		7.45		103.93					
MW-26	3/21/11	111.38		7.10		104.28					
MW-26	3/28/11	111.38		7.39		103.99					
MW-26	4/5/11	111.38		7.52		103.86					
MW-26	4/12/11	111.38	7.42	7.43	0.01	103.95					
MW-26	4/14/11	111.38		7.52		103.86	0.002	0.013	0.0094	0.0581	<0.001
MW-26	4/19/11	111.38		7.15		104.23					
MW-26	4/26/11	111.38		6.93		104.45					
MW-26	5/5/11	111.38		7.38		104.00					
MW-26	5/11/11	111.38		7.54		103.84					
MW-26	5/17/11	111.38		7.55		103.83					
MW-26	5/23/11	111.38		7.20		104.18					
MW-26	6/2/11	111.38		7.30		104.08					
MW-26	6/27/11	111.38		7.58		103.80					
MW-26	7/6/11	111.38		7.72		103.66					
MW-26	7/18/11	111.38		7.83		103.55					
MW-26	7/26/11	111.38		7.52		103.86					
MW-26	8/2/11	111.38		7.51		103.87					
MW-26	8/9/11	111.38		7.44		103.94					
MW-26	8/15/11	111.38		7.58		103.80					
MW-26	8/22/11	111.38		7.50		103.88					
MW-26	8/29/11	111.38		7.63		103.75					
MW-26	9/7/11	111.38		7.75		103.63					
MW-26	9/13/11	111.38		7.83		103.55					
MW-26	9/20/11	111.38		7.77		103.61					
MW-26	9/27/11	111.38		7.50		103.88					
MW-26	10/3/11	111.38		7.64		103.74					
MW-26	10/11/11	111.38		7.82		103.56					
MW-26	10/18/11	111.38		7.75		103.63					
MW-26	10/25/11	111.38		7.67		103.71					
MW-26	11/4/11	111.38		7.63		103.75					
MW-26	11/10/11	111.38		7.36		104.02					
MW-26	11/21/11	111.38		7.56		103.82					
MW-26	11/30/11	111.38		7.58		103.80					
MW-26	12/6/11	111.38		7.46		103.92					
MW-26	12/12/11	111.38		7.63		103.75					
MW-26	12/19/11	111.38		7.53		103.85					
MW-26	12/29/11	111.38		7.45		103.93					
MW-26	1/9/12	111.38		7.66		103.72					
MW-26	1/23/12	111.38		7.57		103.81					
MW-26	1/31/12	111.38		7.54		103.84					
MW-26	2/6/12	111.38		7.55		103.83					
MW-26	2/13/12	111.38		7.68		103.70					
MW-26	2/21/12	111.38		7.67		103.71					
MW-26	2/28/12	111.38		7.48		103.90					
MW-26	3/9/12	111.38		7.64		103.74					
MW-26	3/23/12	111.38		7.55		103.83					
MW-26	3/27/12	111.38		7.53		103.85					
MW-26	4/5/12	111.38		7.67		103.71					
MW-26	4/10/12	111.38		7.73		103.65					
MW-26	4/16/12	111.38		7.33		104.05					
MW-26	4/24/12	111.38		7.55		103.83					
MW-26	5/4/12	111.38		7.51		103.87					
MW-26	5/10/12	111.38		7.45		103.93					
MW-26	5/16/12	111.38		7.62		103.76					
MW-26	5/25/12	111.38		7.65		103.73					
MW-26	5/29/12	111.38		7.73		103.65					

Table 1

Groundwater Elevations 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
Sample ID	Date Sampled	Reference Elevation (feet)	Static Depth to Free Product (feet below TOC)	Static Depth to Water (feet below TOC)	Free Product Thickness (feet)	Groundwater Elevation (feet)					
MW-26	6/8/12	111.38		7.68		103.70					
MW-26	6/19/12	111.38		7.82		103.56					
MW-26	6/29/12	111.38		7.95		103.43					
MW-26	7/3/12	111.38		7.98		103.40					
MW-26	7/11/12	111.38		8.08		103.30					
MW-26	7/16/12	111.38		7.80		103.58					
MW-26	8/1/12	111.38		7.91		103.47					
MW-26	8/10/12	111.38		7.93		103.45					
MW-26	9/7/12	111.38		8.00		103.38					
MW-26	9/13/12	111.38		8.04		103.34					
MW-26	10/3/12	111.38		8.14		103.24					
MW-26	11/27/12	111.38	8.21	9.19	0.98	102.95					
MW-26	12/3/12	111.38	8.23	9.31	1.08	102.91					
MW-26	12/6/12	111.38	8.29	9.27	0.98	102.87					
MW-26	6-Dec-12^	111.38		8.51		102.87					
MW-26	12/10/12	111.38	8.22	9.02	0.80	102.98					
MW-26	10-Dec-12^	111.38		8.62		102.76					
MW-26	12/14/12	111.38	8.44	9.47	1.03	102.71					
MW-26	14-Dec-12^	111.38		8.52		102.86					
MW-26	12/18/12	111.38	8.30	8.42	0.12	103.05					
MW-26	12/27/12	111.38		8.17		103.21					
MW-26	1/7/13	111.38	8.37	8.54	0.17	102.97					
MW-26	1/14/13	111.38	8.15	8.33	0.18	103.19					
MW-26	1/21/13	111.38	8.30	8.69	0.39	102.99					
MW-26	1/28/13	111.38	8.42	8.64	0.22	102.91					
MW-26	2/6/13	111.38	8.05	8.07	0.02	103.33					
MW-26	2/11/13	111.38		7.85		103.53					
MW-26	2/18/13	111.38		8.02		103.36					
MW-26	2/27/13	111.38		8.02		103.36					
MW-26	3/4/13	111.38		7.97		103.41					
MW-26	3/25/13	111.38		7.82		103.56					
MW-26	4/4/13	111.38		8.15		103.23					
MW-26	4/8/13	111.38		8.05		103.33					
MW-26	4/15/13	111.38		7.55		103.83					
MW-26	4/22/13	111.38		7.21		104.17					
MW-26	5/8/13	111.38		7.62		103.76					
MW-26	5/23/13	111.38		7.67		103.71					
MW-26	7/3/13	111.38		7.57		103.81					
MW-27	4/21/05	111.15		7.54		103.61	0.048	0.0095	0.15	0.68	0.016
MW-27	12/29/08	111.15	sheen	6.83	sheen	104.32					
MW-27	12/31/08	111.15	6.97	7.03	0.06	104.17					
MW-27	1/5/09	111.15	7.25	7.35	0.10	103.88					
MW-27	1/9/09	111.15	7.29	7.39	0.10	103.84					
MW-27	1/27/09	111.15	7.59	7.72	0.13	103.53					
MW-27	1/30/09	111.15	7.66	7.68	0.02	103.49					
MW-27	2/26/09	111.15	7.28	7.36	0.08	103.85					
MW-27	3/9/09	111.15		6.50		104.65					
MW-27	3/13/09	111.15	6.82	6.83	0.00	104.33					
MW-27	4/1/09	111.15		6.71		104.44					
MW-27	5/19/09	111.15	7.37	7.39	0.02	103.78					
MW-27	7/16/09	111.15	7.42	8.34	0.92	103.53					
MW-27	9/1/09	111.15	7.43	7.73	0.30	103.65					
MW-27	9/10/09	111.15	7.55	7.56	0.01	103.60					
MW-27	9/17/09	111.15	7.56	7.58	0.02	103.59					
MW-27	9/24/09	111.15		7.53		103.62					
MW-27	10/1/09	111.15		7.59		103.56					
MW-27	10/7/09	111.15	7.53	7.84	0.31	103.55					
MW-27	10/23/09	111.15	7.30	7.53	0.23	103.80					
MW-27	10/28/09	111.15	7.39	7.58	0.19	103.72					
MW-27	11/9/09	111.15	7.51	7.78	0.27	103.58					
MW-27	11/24/09	111.15	7.60	8.07	0.47	103.45					
MW-27	12/3/09	111.15	7.53	7.87	0.34	103.55					
MW-27	12/8/09	111.15	7.56	7.96	0.40	103.50					
MW-27	12/17/09	111.15	7.49	7.77	0.28	103.60					
MW-27	12/22/09	111.15	7.55	7.94	0.39	103.51					
MW-27	12/28/09	111.15		7.20		103.95					
MW-27	1/6/10	111.15	7.51	7.53	0.02	103.64					
MW-27	1/11/10	111.15		7.65		103.50					
MW-27	1/19/10	111.15	7.63	7.65	0.02	103.52					
MW-27	1/25/10	111.15		7.13		104.02					

Table 1

Groundwater Elevations 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
Sample ID	Date Sampled	Reference Elevation (feet)	Static Depth to Free Product (feet below TOC)	Static Depth to Water (feet below TOC)	Free Product Thickness (feet)	Groundwater Elevation (feet)					
MW-27	2/2/10	111.15	7.51	7.53	0.02	103.64					
MW-27	2/8/10	111.15	7.60	7.63	0.03	103.54					
MW-27	2/16/10	111.15	7.72	7.74	0.02	103.43					
MW-27	2/22/10	111.15	7.50	7.72	0.22	103.60					
MW-27	3/1/10	111.15		7.48		103.67					
MW-27	3/8/10	111.15	7.37	7.61	0.24	103.73					
MW-27	3/18/10	111.15		7.23		103.92					
MW-27	3/24/10	111.15		7.29		103.86					
MW-27	3/29/10	111.15	7.42	7.43	0.01	103.73					
MW-27	4/21/10	111.15	7.46	7.56	0.10	103.67					
MW-27	4/27/10	111.15	7.48	7.61	0.13	103.64					
MW-27	5/4/10	111.15	7.49	7.61	0.12	103.63					
MW-27	5/10/10	111.15	7.45	7.54	0.09	103.68					
MW-27	5/19/10	111.15	7.25	7.37	0.12	103.87					
MW-27	5/25/10	111.15	7.39	7.51	0.12	103.73					
MW-27	6/2/10	111.15	7.42	7.46	0.04	103.72					
MW-27	6/8/10	111.15	7.35	7.38	0.03	103.79					
MW-27	6/16/10	111.15	7.40	7.58	0.18	103.71					
MW-27	6/22/10	111.15	7.34	7.75	0.41	103.72					
MW-27	6/30/10	111.15	7.30	7.86	0.56	103.73					
MW-27	7/6/10	111.15		7.37		103.78					
MW-27	7/13/10	111.15	7.35	8.11	0.76	103.63					
MW-27	7/20/10	111.15	7.46	7.47	0.01	103.69					
MW-27	7/27/10	111.15	7.33	7.65	0.32	103.75					
MW-27	8/18/10	111.15	7.29	8.12	0.83	103.68					
MW-27	8/24/10	111.15	7.31	8.12	0.81	103.66					
MW-27	8/31/10	111.15	7.40	7.46	0.06	103.74					
MW-27	9/21/10	111.15		7.46		103.69					
MW-27	9/30/10	111.15		7.49		103.66					
MW-27	10/12/10	111.15	7.59	8.50	0.91	103.36					
MW-27	11/3/10	111.15	7.61	8.42	0.81	103.36					
MW-27	11/15/10	111.15	7.58	8.37	0.79	103.40					
MW-27	12/2/10	111.15	7.67	8.38	0.71	103.32					
MW-27	12/10/10	111.15	7.63	8.40	0.77	103.35					
MW-27	12/22/10	111.15	7.71	8.66	0.95	103.23					
MW-27	12/27/10	111.15	7.74	8.63	0.89	103.21					
MW-27	12/29/10	111.15	8.36	8.59	0.23	102.74					
MW-27	1/5/11	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	1/10/11	111.15		7.69		103.46					
MW-27	1/13/11	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	1/17/11	111.15	7.74	8.63	0.89	103.21					
MW-27	1/28/11	111.15		7.79		103.36					
MW-27	28-Jan-11^	111.15	7.93	8.80	0.87	103.03					
MW-27	2/7/11	111.15		7.91		109.41					
MW-27	2/22/11	111.15	7.22	7.31	0.09	103.91					
MW-27	3/2/11	111.15	7.50	7.61	0.11	103.63					
MW-27	3/7/11	111.15	7.55	7.62	0.07	103.58					
MW-27	3/14/11	111.15	7.37	7.38	0.01	103.78					
MW-27	3/21/11	111.15	6.93	6.95	0.02	104.22					
MW-27	3/28/11	111.15		7.32		109.54					
MW-27	4/5/11	111.15	7.44	7.45	0.01	103.71					
MW-27	4/12/11	111.15	7.37	7.40	0.03	103.77					
MW-27	4/14/11	111.15	7.44	7.45	0.01	103.71					
MW-27	4/19/11	111.15		7.10		109.59					
MW-27	4/26/11	111.15		6.90		109.63					
MW-27	5/5/11	111.15		7.33		109.54					
MW-27	5/11/11	111.15		7.46		109.51					
MW-27	5/17/11	111.15		7.48		109.50					
MW-27	5/23/11	111.15		7.12		109.58					
MW-27	6/2/11	111.15		7.23		109.56					
MW-27	6/27/11	111.15	7.50	7.51	0.01	103.65					
MW-27	7/6/11	111.15	7.63	7.65	0.02	103.52					
MW-27	7/18/11	111.15	7.75	7.82	0.07	103.38					
MW-27	7/26/11	111.15	7.42	7.49	0.07	103.71					
MW-27	8/2/11	111.15	7.43	7.45	0.02	103.72					
MW-27	8/9/11	111.15		7.21		109.56					
MW-27	8/15/11	111.15	7.49	7.52	0.03	103.65					
MW-27	8/22/11	111.15		7.42		109.52					

Table 1

Groundwater Elevations 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
Sample ID	Date Sampled	Reference Elevation (feet)	Static Depth to Free Product (feet below TOC)	Static Depth to Water (feet below TOC)	Free Product Thickness (feet)	Groundwater Elevation (feet)					
MW-27	8/29/11	111.15	7.54	7.58	0.04	103.60					
MW-27	9/7/11	111.15	7.65	7.71	0.06	103.49					
MW-27	9/13/11	111.15	7.70	7.76	0.06	103.44					
MW-27	9/20/11	111.15	7.64	7.72	0.08	103.49					
MW-27	9/27/11	111.15		7.45		109.51					
MW-27	10/3/11	111.15	7.54	7.57	0.03	103.60					
MW-27	10/11/11	111.15	7.62	7.65	0.03	103.52					
MW-27	10/18/11	111.15	7.62	7.65	0.03	103.52					
MW-27	10/25/11	111.15	7.57	7.60	0.03	103.57					
MW-27	11/4/11	111.15	7.57	7.58	0.01	103.58					
MW-27	11/10/11	111.15		7.31		109.54					
MW-27	11/21/11	111.15		7.53		109.49					
MW-27	11/30/11	111.15	7.51	7.52	0.01	103.64					
MW-27	12/6/11	111.15	7.41	7.42	0.01	103.74					
MW-27	12/12/11	111.15	7.54	7.55	0.01	103.61					
MW-27	12/19/11	111.15		7.49		109.50					
MW-27	12/29/11	111.15		7.58		109.48					
MW-27	1/9/12	111.15		7.56		109.49					
MW-27	1/17/12	111.15		7.02		109.61					
MW-27	1/23/12	111.15		7.43		109.52					
MW-27	1/31/12	111.15		7.47		109.51					
MW-27	2/6/12	111.15		7.49		109.50					
MW-27	2/13/12	111.15	7.60	7.61	0.01	103.55					
MW-27	2/21/12	111.15	7.59	7.61	0.02	103.56					
MW-27	2/28/12	111.15	7.43	7.44	0.01	103.72					
MW-27	3/9/12	111.15	7.59	7.60	0.01	103.56					
MW-27	3/23/12	111.15		7.50		109.50					
MW-27	3/27/12	111.15		7.45		109.51					
MW-27	4/5/12	111.15		7.60		109.48					
MW-27	4/10/12	111.15	7.64	7.65	0.01	103.51					
MW-27	4/16/12	111.15		7.25		109.56					
MW-27	4/24/12	111.15	7.47	7.48	0.01	103.68					
MW-27	5/4/12	111.15		7.47		109.51					
MW-27	5/10/12	111.15		7.39		109.52					
MW-27	5/16/12	111.15		7.54		109.49					
MW-27	5/25/12	111.15		7.64		109.47					
MW-27	5/29/12	111.15	7.62	7.63	0.01	103.53					
MW-27	6/8/12	111.15		7.60		109.48					
MW-27	6/14/12	111.15	7.70	7.71	0.01	103.45					
MW-27	6/19/12	111.15	7.71	7.74	0.03	103.43					
MW-27	6/29/12	111.15	7.84	7.88	0.04	103.30					
MW-27	7/3/12	111.15	7.89	7.93	0.04	103.25					
MW-27	7/11/12	111.15		7.95		109.40					
MW-27	7/16/12	111.15	7.88	7.89	0.01	103.27					
MW-27	8/1/12	111.15		7.93		109.41					
MW-27	8/10/12	111.15	7.84	7.85	0.01	103.31					
MW-27	9/7/12	111.15		7.85		109.42					
MW-27	9/13/12	111.15		7.90		109.41					
MW-27	10/3/12	111.15	7.98	8.94	0.96	102.96					
MW-27	11/13/12	111.15	7.64	8.84	1.20	103.25					
MW-27	11/27/12	111.15	8.02	9.00	0.98	102.91					
MW-27	12/3/12	111.15	8.03	9.10	1.07	102.88					
MW-27	12/6/12	111.15	8.28	9.35	1.07	102.63					
MW-27	6-Dec-12^	111.15	8.31	8.34	0.03	102.83					
MW-27	12/10/12	111.15	8.05	8.96	0.91	102.90					
MW-27	10-Dec-12^	111.15	8.38	8.39	0.01	102.77					
MW-27	12/14/12	111.15	8.10	9.11	1.01	102.83					
MW-27	14-Dec-12^	111.15	8.45	8.46	0.01	102.70					
MW-27	12/18/12	111.15	7.98	8.60	0.62	103.03					
MW-27	12/27/12	111.15	7.98	8.11	0.13	103.14					
MW-27	1/7/13	111.15	8.08	8.10	0.02	103.07					
MW-27	1/14/13	111.15	7.94	7.95	0.01	103.21					
MW-27	1/21/13	111.15	8.05	8.07	0.02	103.10					
MW-27	1/28/13	111.15	8.08	8.83	0.75	102.91					
MW-27	2/6/13	111.15	7.95	8.05	0.10	103.18					
MW-27	2/11/13	111.15		7.61		109.48					
MW-27	2/18/13	111.15		7.84		109.43					
MW-27	2/27/13	111.15		7.84		109.43					
MW-27	3/4/13	111.15		7.81		109.43					
MW-27	3/25/13	111.15		7.71		109.45					

Table 1

Groundwater Elevations 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
Sample ID	Date Sampled	Reference Elevation (feet)	Static Depth to Free Product (feet below TOC)	Static Depth to Water (feet below TOC)	Free Product Thickness (feet)	Groundwater Elevation (feet)					
MW-27	4/4/13	111.15		7.79		109.44					
MW-27	4/8/13	111.15		7.76		109.44					
MW-27	4/15/13	111.15		7.48		109.50					
MW-27	4/22/13	111.15		7.07		109.59					
MW-27	5/8/13	111.15		7.52		109.50					
MW-27	5/23/13	111.15		7.56		109.49					
MW-27	7/3/13	111.15		7.51		109.50					
MW-28	4/21/05	112.55		8.10		104.45					
MW-28	4/22/05	112.55					<0.001	<0.001	<0.001	<0.003	<0.001
MW-28	1/5/09	112.55		7.80		104.75					
MW-28	1/6/09	112.55					<0.001	<0.001	<0.001	<0.003	<0.001
MW-28	9/1/09	112.55		8.02		104.53					
MW-28	4/14/11	112.55		7.91		104.64	<0.001	<0.001	<0.001	<0.003	<0.001
MW-28	12/6/12	112.55		9.11		103.44					
MW-28	12/10/12	112.55		9.08		103.47					
MW-28	12/14/12	112.55		9.10		103.45					
MW-28	12/18/12	112.55		9.08		103.47					
MW-28	12/27/12	112.55		9.05		103.50					
MW-28	1/7/13	112.55		9.01		103.54					
MW-28	1/28/13	112.55		9.04		103.51					
MW-28	2/11/13	112.55		8.62		103.93					
MW-28	4/4/13	112.55		7.95		104.60					
MW-28	4/8/13	112.55		7.97		104.58					
MW-28	4/15/13	112.55		7.55		105.00					
MW-28	4/22/13	112.55		7.05		105.50					
MW-28	5/8/13	112.55		7.51		105.04					
MW-29	5/19/09		7.32	9.39	2.07						
MW-29	6/17/09		7.55	8.65	1.10						
MW-29	7/16/09		7.84	9.10	1.26						
MW-29	7/27/09		7.76	8.86	1.10						
MW-29	8/11/09		8.26	8.27	0.01						
MW-29	8/18/09		8.29	8.44	0.15						
MW-29	8/25/09		8.21	8.28	0.07						
MW-29	9/1/09		7.75	8.96	1.21						
MW-29	9/10/09		7.88	9.16	1.28						
MW-29	9/17/09		8.27	8.41	0.14						
MW-29	9/24/09		8.26	8.27	0.01						
MW-29	10/1/09			8.30							
MW-29	10/7/09		8.09	8.11	0.02						
MW-29	10/23/09		7.75	7.86	0.11						
MW-29	10/28/09		7.84	8.26	0.42						
MW-29	11/9/09		7.80	8.95	1.15						
MW-29	11/24/09		7.93	9.03	1.10						
MW-29	12/3/09		7.84	8.82	0.98						
MW-29	12/8/09		7.86	8.74	0.88						
MW-29	12/17/09		7.90	8.60	0.70						
MW-29	12/22/09		7.95	8.80	0.85						
MW-29	12/28/09		7.61	7.63	0.02						
MW-29	1/6/10		7.80	8.73	0.93						
MW-29	1/11/10		7.80	9.17	1.37						
MW-29	1/19/10		7.85	9.20	1.35						
MW-29	1/25/10		7.55	7.63	0.08						
MW-29	2/2/10		7.82	8.77	0.95						
MW-29	2/8/10		7.85	8.89	1.04						
MW-29	2/16/10		7.93	8.97	1.04						
MW-29	2/22/10		7.85	8.45	0.60						
MW-29	3/1/10		7.87	8.64	0.77						
MW-29	3/8/10		7.71	8.16	0.45						
MW-29	3/18/10		7.62	7.77	0.15						
MW-29	3/24/10		7.65	7.73	0.08						
MW-29	3/29/10		7.78	7.85	0.07						
MW-29	4/21/10		7.18	7.23	0.05						
MW-29	4/27/10		7.86	8.45	0.59						
MW-29	5/4/10		7.76	8.71	0.95						
MW-29	5/10/10		7.83	8.40	0.57						
MW-29	5/19/10		7.56	8.50	0.94						
MW-29	5/25/10		7.71	8.52	0.81						
MW-29	6/2/10		7.70	8.40	0.70						
MW-29	6/8/10		7.72	8.36	0.64						
MW-29	6/16/10		7.70	8.50	0.80						

Table 1

Groundwater Elevations 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
Sample ID	Date Sampled	Reference Elevation (feet)	Static Depth to Free Product (feet below TOC)	Static Depth to Water (feet below TOC)	Free Product Thickness (feet)	Groundwater Elevation (feet)					
MW-29	6/22/10		6.95	7.22	0.27						
MW-29	6/30/10		7.00	7.21	0.21						
MW-29	7/6/10		6.96	7.19	0.23						
MW-29	7/13/10		6.99	7.14	0.15						
MW-29	7/20/10		6.97	7.19	0.22						
MW-29	7/27/10		7.03	7.16	0.13						
MW-29	8/18/10		7.00	7.18	0.18						
MW-29	8/24/10		7.01	7.15	0.14						
MW-29	8/31/10		7.02	7.17	0.15						
MW-29	9/21/10		7.04	7.19	0.15						
MW-29	9/30/10		7.11	7.24	0.13						
MW-29	10/12/10		7.25	7.40	0.15						
MW-29	11/3/10		8.23	8.53	0.30						
MW-29	11/15/10		8.21	8.54	0.33						
MW-29	12/2/10		8.25	8.56	0.31						
MW-29	12/10/10		8.29	8.52	0.23						
MW-29	12/22/10		8.41	8.43	0.02						
MW-29	12/27/10		7.74	8.63	0.89						
MW-29	12/29/10		8.12	8.45	0.33						
MW-29	1/5/11		8.18	8.95	0.77						
MW-29	5-Jan-11^		8.68	8.71	0.03						
MW-29	1/13/11		8.45	8.72	0.27						
MW-29	13-Jan-11^		8.73	8.78	0.05						
MW-29	1/17/11		8.42	8.68	0.26						
MW-29	1/28/11		8.52	8.67	0.15						
MW-29	28-Jan-11^			8.90							
MW-29	2/7/11		8.64	8.72	0.08						
MW-29	2/22/11			7.72							
MW-29	3/2/11		7.85	7.99	0.14						
MW-29	3/7/11		7.78	7.86	0.08						
MW-29	3/14/11		7.70	8.29	0.59						
MW-29	3/21/11			7.34							
MW-29	3/28/11			7.65							
MW-29	4/5/11			7.60							
MW-29	4/12/11		7.61	8.74	1.13						
MW-29	4/14/11		7.68	8.77	1.09						
MW-29	4/19/11		8.21	8.40	0.19						
MW-29	4/26/11		7.19	7.50	0.31						
MW-29	5/5/11		7.63	8.34	0.71						
MW-29	5/11/11		7.70	8.81	1.11						
MW-29	5/17/11		7.93	8.24	0.31						
MW-29	5/23/11		7.58	7.63	0.05						
MW-29	6/2/11		7.57	8.25	0.68						
MW-29	6/27/11		7.68	9.02	1.34						
MW-29	7/6/11		7.55	7.96	0.41						
MW-29	7/18/11		8.06	9.12	1.06						
MW-29	7/26/11		7.79	8.55	0.76						
MW-29	8/2/11		7.73	8.53	0.80						
MW-29	8/9/11		7.72	8.46	0.74						
MW-29	8/15/11		7.92	8.13	0.21						
MW-29	8/22/11		7.84	8.16	0.32						
MW-29	8/29/11		7.85	8.67	0.82						
MW-29	9/7/11		8.05	8.70	0.65						
MW-29	9/13/11		8.15	8.60	0.45						
MW-29	9/20/11		7.98	8.90	0.92						
MW-29	9/27/11		7.90	8.08	0.18						
MW-29	10/3/11		8.00	8.12	0.12						
MW-29	10/11/11		8.14	8.21	0.07						
MW-29	10/18/11		7.78	8.73	0.95						
MW-29	10/25/11		7.72	8.68	0.96						
MW-29	11/4/11		7.82	8.60	0.78						
MW-29	11/10/11		7.62	8.36	0.74						
MW-29	11/21/11		7.88	8.31	0.43						
MW-29	11/30/11		7.89	8.35	0.46						
MW-29	12/6/11		7.81	8.11	0.30						
MW-29	12/12/11		7.89	8.49	0.60						
MW-29	12/19/11		7.86	8.23	0.37						
MW-29	12/29/11		7.93	8.19	0.26						
MW-29	1/9/12			7.95							
MW-29	1/17/12		7.83	7.88	0.05						

Table 1

Groundwater Elevations and Analytical Results

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

							COCs and Groundwater Remediation Objectives				
Tier 1 Exposure Routes							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
Sample ID	Date Sampled	Reference Elevation (feet)	Static Depth to Free Product (feet below TOC)	Static Depth to Water (feet below TOC)	Free Product Thickness (feet)	Groundwater Elevation (feet)					
MW-29	1/23/12		7.86	8.38	0.52						
MW-29	1/31/12		7.90	8.45	0.55						
MW-29	2/6/12		7.88	8.38	0.50						
MW-29	2/13/12		7.94	8.73	0.79						
MW-29	2/21/12		8.00	8.68	0.68						
MW-29	2/28/12		7.85	8.22	0.37						
MW-29	3/9/12		8.40	8.45	0.05						
MW-29	3/23/12			7.85							
MW-29	4/5/12		7.91	8.79	0.88						
MW-29	4/10/12		8.00	8.72	0.72						
MW-29	4/16/12		7.70	8.30	0.60						
MW-29	4/24/12		7.85	8.50	0.65						
MW-29	5/4/12		7.84	8.43	0.59						
MW-29	5/10/12		7.81	8.25	0.44						
MW-29	5/16/12		7.88	8.76	0.88						
MW-29	5/25/12		7.92	8.60	0.68						
MW-29	5/29/12		7.93	8.97	1.04						
MW-29	6/8/12		7.97	8.00	0.03						
MW-29	6/14/12		7.99	8.98	0.99						
MW-29	6/19/12		8.12	8.86	0.74						
MW-29	6/29/12		8.21	9.13	0.92						
MW-29	7/3/12		8.25	9.16	0.91						
MW-29	7/11/12		8.24	8.29	0.05						
MW-29	7/16/12		8.37	9.21	0.84						
MW-29	8/1/12		8.13	9.03	0.90						
MW-29	8/10/12		8.18	9.20	1.02						
MW-29	9/7/12		8.31	9.71	1.40						
MW-29	9/13/12		8.31	8.39	0.08						
MW-29	10/3/12		8.43	8.45	0.02						
MW-29	11/13/12		7.64	8.84	1.20						
MW-29	11/27/12		7.82	8.81	0.99						
MW-29	12/3/12		7.96	8.50	0.54						
MW-29	12/6/12		8.03	8.36	0.33						
MW-29	6-Dec-12^			8.15							
MW-29	12/10/12		8.00	8.07	0.07						
MW-29	10-Dec-12^		8.10	8.12	0.02						
MW-29	12/14/12		8.12	8.29	0.17						
MW-29	14-Dec-12^			8.23							
MW-29	12/18/12		7.90	7.95	0.05						
MW-29	12/27/12		7.78	8.02	0.24						
MW-29	1/7/13		7.91	7.93	0.02						
MW-29	1/14/13		7.75	7.78	0.03						
MW-29	1/21/13		7.85	7.87	0.02						
MW-29	1/28/13		7.93	7.94	0.01						
MW-29	2/6/13		7.65	8.24	0.59						
MW-29	2/11/13		7.34	7.35	0.01						
MW-29	2/18/13		7.51	7.78	0.27						
MW-29	2/21/13		7.52	7.55	0.03		9.700	19.500	2.680	19.600	<0.0476
MW-29	2/27/13		7.58	7.72	0.14						
MW-29	3/4/13		7.56	7.57	0.02						
MW-29	3/25/13			7.43							
MW-29	4/4/13			7.55							
MW-29	4/8/13		7.54	7.56	0.02						
MW-29	4/15/13		Sheen	7.11	Sheen						
MW-29	4/22/13			6.72							
MW-29	5/8/13		7.21	7.22	0.01						
MW-29	5/23/13			7.27							
MW-29	7/3/13		7.14	7.15	0.01						
MW-30	5/19/09		7.46	7.54	0.08						
MW-30	6/17/09		7.29	8.19	0.90						
MW-30	7/16/09		7.54	8.55	1.01						
MW-30	8/25/09		7.66	8.54	0.88						
MW-30	9/1/09		7.58	7.91	0.33						
MW-30	9/10/09		7.65	8.52	0.87						
MW-30	9/17/09			7.68							
MW-30	9/24/09			7.69							
MW-30	10/1/09			7.72							
MW-30	10/7/09		7.64	7.65	0.01						
MW-30	10/23/09		7.41	7.64	0.23						
MW-30	10/28/09		7.54	7.71	0.17						

Table 1

Groundwater Elevations 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
Sample ID	Date Sampled	Reference Elevation (feet)	Static Depth to Free Product (feet below TOC)	Static Depth to Water (feet below TOC)	Free Product Thickness (feet)	Groundwater Elevation (feet)					
MW-30	11/9/09		7.67	7.83	0.16						
MW-30	11/24/09		7.81	7.95	0.14						
MW-30	12/3/09		7.70	7.93	0.23						
MW-30	12/8/09		7.71	7.80	0.09						
MW-30	12/17/09		7.63	7.72	0.09						
MW-30	12/22/09		7.73	8.00	0.27						
MW-30	12/28/09		7.27	7.33	0.06						
MW-30	1/6/10		7.63	7.74	0.11						
MW-30	1/11/10		7.73	7.83	0.10						
MW-30	1/19/10		7.77	7.82	0.05						
MW-30	1/25/10			7.23							
MW-30	2/2/10		7.63	7.68	0.05						
MW-30	2/8/10		7.72	7.88	0.16						
MW-30	2/16/10		7.78	7.82	0.04						
MW-30	2/22/10		7.67	7.70	0.03						
MW-30	3/1/10		7.67	7.70	0.03						
MW-30	3/8/10		7.54	7.57	0.03						
MW-30	3/18/10		7.32	7.35	0.03						
MW-30	3/24/10		7.40	7.46	0.06						
MW-30	3/29/10		7.52	7.57	0.05						
MW-30	4/21/10		7.60	7.72	0.12						
MW-30	4/27/10		7.62	7.73	0.11						
MW-30	5/4/10		7.61	7.72	0.11						
MW-30	5/10/10		7.57	7.67	0.10						
MW-30	5/19/10		7.37	7.46	0.09						
MW-30	5/25/10		7.53	7.60	0.07						
MW-30	6/2/10		7.53	7.60	0.07						
MW-30	6/8/10		7.45	7.54	0.09						
MW-30	6/16/10		7.54	7.62	0.08						
MW-30	6/22/10		7.41	8.03	0.62						
MW-30	6/30/10		7.37	8.18	0.81						
MW-30	7/6/10		7.49	7.51	0.02						
MW-30	7/13/10			7.51							
MW-30	7/20/10		7.60	8.38	0.78						
MW-30	7/27/10			7.45							
MW-30	8/18/10		7.37	8.30	0.93						
MW-30	8/24/10			7.40							
MW-30	8/31/10		7.45	7.51	0.06						
MW-30	9/21/10			7.52							
MW-30	9/30/10			7.60							
MW-30	10/12/10		7.58	8.71	1.13						
MW-30	11/3/10		7.69	8.59	0.90						
MW-30	11/15/10		7.50	8.43	0.93						
MW-30	12/2/10		7.74	8.59	0.85						
MW-30	12/10/10		7.71	8.55	0.84						
MW-30	12/22/10		7.90	8.89	0.99						
MW-30	12/27/10		7.84	8.82	0.98						
MW-30	12/29/10		7.97	8.48	0.51						
MW-30	1/5/11		7.74	8.40	0.66						
MW-30	5-Jan-11^		8.19	8.20	0.01						
MW-30	1/10/11			7.80							
MW-30	1/13/11		7.86	8.73	0.87						
MW-30	13-Jan-11^			8.29							
MW-30	1/17/11		7.88	8.84	0.96						
MW-30	1/28/11		7.91	8.95	1.04						
MW-30	28-Jan-11^		8.25	8.27	0.02						
MW-30	2/7/11		7.97	9.09	1.12						
MW-30	2/22/11		7.35	7.37	0.02						
MW-30	3/2/11		7.56	7.58	0.02						
MW-30	3/7/11		7.46	7.49	0.03						
MW-30	3/14/11		7.48	7.49	0.01						
MW-30	3/21/11		6.99	7.00	0.01						
MW-30	3/28/11			7.43							
MW-30	4/5/11		7.56	7.58	0.02						
MW-30	4/12/11		7.49	7.51	0.02						
MW-30	4/14/11			7.55							
MW-30	4/19/11			7.20							
MW-30	4/26/11		Sheen	6.96	Sheen						
MW-30	5/5/11			7.44							
MW-30	5/11/11		7.58	7.60	0.02						

Table 1

Groundwater Elevations 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
Sample ID	Date Sampled	Reference Elevation (feet)	Static Depth to Free Product (feet below TOC)	Static Depth to Water (feet below TOC)	Free Product Thickness (feet)	Groundwater Elevation (feet)					
MW-30	5/17/11		7.61	7.63	0.02						
MW-30	5/23/11			7.23							
MW-30	6/2/11			7.33							
MW-30	6/27/11		7.62	7.64	0.02						
MW-30	7/6/11		7.76	7.78	0.02						
MW-30	7/18/11		7.91	7.93	0.02						
MW-30	7/26/11		7.57	7.59	0.02						
MW-30	8/2/11		7.55	7.57	0.02						
MW-30	8/9/11		7.50	7.53	0.03						
MW-30	8/15/11		7.62	7.64	0.02						
MW-30	8/22/11			7.54							
MW-30	8/29/11		7.66	7.69	0.03						
MW-30	9/7/11		7.76	7.80	0.04						
MW-30	9/13/11		7.84	7.89	0.05						
MW-30	9/20/11		7.79	7.81	0.02						
MW-30	9/27/11			7.59							
MW-30	10/3/11			7.65							
MW-30	10/11/11			7.71							
MW-30	10/18/11		7.77	7.80	0.03						
MW-30	10/25/11		7.70	7.71	0.01						
MW-30	11/4/11		7.66	7.70	0.04						
MW-30	11/10/11		7.45	7.47	0.02						
MW-30	11/21/11		7.64	7.65	0.01						
MW-30	11/30/11		7.63	7.66	0.03						
MW-30	12/6/11		7.53	7.55	0.02						
MW-30	12/12/11		7.66	7.69	0.03						
MW-30	12/19/11			7.60							
MW-30	12/29/11			7.45							
MW-30	1/9/12			7.72							
MW-30	1/17/12			7.80							
MW-30	1/23/12		7.58	7.59	0.01						
MW-30	1/31/12			7.59							
MW-30	2/6/12			7.80							
MW-30	2/13/12			7.75							
MW-30	2/21/12			7.73							
MW-30	2/28/12			7.53							
MW-30	3/9/12			7.60							
MW-30	3/23/12			7.61							
MW-30	3/27/12			7.58							
MW-30	4/5/12			7.72							
MW-30	4/10/12		7.76	7.77	0.01						
MW-30	4/16/12			7.36							
MW-30	4/24/12		7.59	7.60	0.01						
MW-30	5/4/12		7.56	7.57	0.01						
MW-30	5/10/12			7.52							
MW-30	5/16/12			7.67							
MW-30	5/25/12			7.69							
MW-30	5/29/12			7.76							
MW-30	6/8/12			7.73							
MW-30	6/14/12			7.82							
MW-30	6/19/12		7.85	7.86	0.01						
MW-30	6/29/12		7.98	7.99	0.01						
MW-30	7/3/12		8.01	8.02	0.01						
MW-30	7/11/12		8.10	8.11	0.01						
MW-30	7/16/12			8.14							
MW-30	8/1/12			8.06							
MW-30	8/10/12			8.00							
MW-30	9/7/12		8.14	8.15	0.01						
MW-30	9/13/12			8.18							
MW-30	10/3/12		8.28	8.46	0.18						
MW-30	11/27/12		8.21	8.97	0.76						
MW-30	12/3/12		8.72	9.50	0.78						
MW-30	12/6/12		8.39	8.75	0.36						
MW-30	6-Dec-12^		8.46	8.47	0.01						
MW-30	12/10/12		8.21	8.91	0.70						
MW-30	10-Dec-12^			8.52							
MW-30	12/14/12		8.33	9.41	1.08						
MW-30	14-Dec-12^			8.61							
MW-30	12/18/12		8.06	8.86	0.80						
MW-30	12/27/12		8.07	8.40	0.33						

Table 1

Groundwater Elevations 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
Sample ID	Date Sampled	Reference Elevation (feet)	Static Depth to Free Product (feet below TOC)	Static Depth to Water (feet below TOC)	Free Product Thickness (feet)	Groundwater Elevation (feet)					
MW-30	1/7/13		8.21	8.84	0.63						
MW-30	1/14/13		8.07	8.55	0.48						
MW-30	1/21/13		8.21	8.68	0.47						
MW-30	1/28/13		8.29	8.68	0.39						
MW-30	2/6/13		8.05	8.06	0.01						
MW-30	2/11/13		7.70	7.80	0.10						
MW-30	2/18/13		7.94	7.95	0.01						
MW-30	2/27/13		7.95	7.97	0.02						
MW-30	3/4/13		7.93	7.94	0.01						
MW-30	3/25/13			7.81							
MW-30	4/4/13			7.90							
MW-30	4/8/13			7.90							
MW-30	4/15/13			7.55							
MW-30	4/22/13			7.15							
MW-30	5/8/13			7.62							
MW-30	5/23/13			7.68							
MW-30	7/3/13			7.58							
MW-31	5/19/09			7.36							
MW-31	6/17/09		7.36	7.86	0.50						
MW-31	7/16/09		7.80	7.82	0.02						
MW-31	7/27/09		7.83	7.87	0.04						
MW-31	8/11/09		7.87	7.90	0.03						
MW-31	8/18/09		7.66	8.32	0.66						
MW-31	8/25/09		7.71	8.03	0.32						
MW-31	9/1/09		7.54	7.87	0.33						
MW-31	9/10/09		7.66	8.03	0.37						
MW-31	9/17/09		7.81	7.86	0.05						
MW-31	9/24/09			7.83							
MW-31	10/1/09			7.81							
MW-31	10/7/09		7.70	7.71	0.01						
MW-31	10/23/09		8.02	8.03	0.01						
MW-31	10/28/09		7.69	7.73	0.04						
MW-31	11/9/09		7.75	7.96	0.21						
MW-31	11/24/09		7.80	7.81	0.01						
MW-31	12/3/09		7.83	7.94	0.11						
MW-31	12/8/09		7.81	7.90	0.09						
MW-31	12/17/09		7.67	7.69	0.02						
MW-31	12/22/09		7.80	8.13	0.33						
MW-31	12/28/09		7.95	8.03	0.08						
MW-31	1/6/10		7.47	7.57	0.10						
MW-31	1/11/10		7.40	7.50	0.10						
MW-31	1/19/10		7.41	7.50	0.09						
MW-31	1/25/10			7.23							
MW-31	2/2/10			7.65							
MW-31	2/8/10		7.61	7.88	0.27						
MW-31	2/16/10		7.77	7.97	0.20						
MW-31	2/22/10		7.56	7.91	0.35						
MW-31	3/1/10		7.54	7.82	0.28						
MW-31	3/8/10		7.46	7.68	0.22						
MW-31	3/18/10		7.28	7.36	0.08						
MW-31	3/24/10		7.30	7.36	0.06						
MW-31	3/29/10		7.32	7.37	0.05						
MW-31	4/21/10		7.40	7.49	0.09						
MW-31	4/27/10		7.54	7.63	0.09						
MW-31	5/4/10		7.41	7.43	0.02						
MW-31	5/10/10		7.39	7.43	0.04						
MW-31	5/19/10		7.43	7.75	0.32						
MW-31	6/2/10		7.20	7.22	0.02						
MW-31	6/8/10		7.21	7.23	0.02						
MW-31	6/16/10		7.19	7.21	0.02						
MW-31	6/22/10		6.22	6.24	0.02						
MW-31	6/30/10		6.21	6.23	0.02						
MW-31	7/6/10		6.22	6.24	0.02						
MW-31	7/13/10		6.21	6.23	0.02						
MW-31	7/20/10		6.22	6.24	0.02						
MW-31	7/27/10		6.24	6.26	0.02						
MW-31	8/18/10		6.20	6.23	0.03						
MW-31	8/24/10		6.18	6.21	0.03						
MW-31	8/31/10		6.20	6.23	0.03						
MW-31	9/21/10		6.18	6.21	0.03						

Table 1

Groundwater Elevations 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
Sample ID	Date Sampled	Reference Elevation (feet)	Static Depth to Free Product (feet below TOC)	Static Depth to Water (feet below TOC)	Free Product Thickness (feet)	Groundwater Elevation (feet)					
MW-31	9/30/10		6.18	6.21	0.03						
MW-31	10/12/10		6.16	6.19	0.03						
MW-31	11/3/10		7.88	8.27	0.39						
MW-31	11/15/10		7.73	8.11	0.38						
MW-31	12/2/10		7.76	8.13	0.37						
MW-31	12/10/10		7.73	8.10	0.37						
MW-31	12/22/10			6.10							
MW-31	12/27/10			6.11							
MW-31	1/10/11			7.85							
MW-31	1/13/11		8.09	8.74	0.65						
MW-31	13-Jan-11^		8.10	8.12	0.02						
MW-31	1/17/11		8.02	8.51	0.49						
MW-31	1/28/11		7.92	8.63	0.71						
MW-31	28-Jan-11^		7.95	8.83	0.88						
MW-31	2/22/11		6.67	6.69	0.02						
MW-31	3/2/11		7.77	7.80	0.03						
MW-31	3/7/11		7.68	7.71	0.03						
MW-31	3/14/11		7.40	7.58	0.18						
MW-31	3/21/11			7.05							
MW-31	3/28/11			6.32							
MW-31	4/5/11			6.30							
MW-31	4/12/11		7.56	7.60	0.04						
MW-31	4/14/11		7.85	7.89	0.04						
MW-31	4/19/11		7.74	7.76	0.02						
MW-31	4/26/11			6.98							
MW-31	5/5/11		7.00	7.76	0.76						
MW-31	5/11/11			6.96							
MW-31	5/17/11			6.98							
MW-31	5/23/11			6.96							
MW-31	6/2/11			7.30							
MW-31	6/27/11		7.49	7.91	0.42						
MW-31	7/6/11		7.64	7.89	0.25						
MW-31	7/18/11		7.78	7.81	0.03						
MW-31	7/26/11		7.51	7.60	0.09						
MW-31	8/2/11		7.54	7.61	0.07						
MW-31	8/9/11		7.43	7.54	0.11						
MW-31	8/15/11		7.51	7.53	0.02						
MW-31	8/22/11			7.41							
MW-31	8/29/11		7.51	7.52	0.01						
MW-31	9/7/11		7.65	7.66	0.01						
MW-31	9/13/11		7.64	7.68	0.04						
MW-31	9/20/11			7.80							
MW-31	9/27/11			7.92							
MW-31	10/3/11			7.96							
MW-31	10/11/11			8.04							
MW-31	10/18/11		7.68	7.78	0.10						
MW-31	10/25/11		7.62	7.72	0.10						
MW-31	11/4/11		7.61	7.69	0.08						
MW-31	11/10/11		7.51	7.56	0.05						
MW-31	11/30/11		7.54	7.68	0.14						
MW-31	12/6/11			7.44							
MW-31	12/12/11		7.58	7.70	0.12						
MW-31	12/19/11		7.51	7.61	0.10						
MW-31	12/29/11			7.83							
MW-31	1/9/12			7.59							
MW-31	1/17/12			7.63							
MW-31	1/23/12		7.52	7.56	0.04						
MW-31	1/31/12		7.51	7.59	0.08						
MW-31	2/6/12		7.56	7.59	0.03						
MW-31	2/13/12		7.65	7.77	0.12						
MW-31	2/21/12		7.67	7.68	0.01						
MW-31	2/28/12		7.49	7.52	0.03						
MW-31	3/9/12		7.60	7.61	0.01						
MW-31	3/23/12		7.55	7.58	0.03						
MW-31	3/27/12		7.51	7.56	0.05						
MW-31	4/5/12		7.85	7.87	0.02						
MW-31	4/10/12		7.85	7.86	0.01						
MW-31	4/16/12		7.44	7.45	0.01						
MW-31	4/24/12			7.65							
MW-31	5/4/12		7.57	7.58	0.01						

Table 1

Groundwater Elevations 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
Sample ID	Date Sampled	Reference Elevation (feet)	Static Depth to Free Product (feet below TOC)	Static Depth to Water (feet below TOC)	Free Product Thickness (feet)	Groundwater Elevation (feet)					
MW-31	5/10/12		7.53	7.54	0.01						
MW-31	5/25/12			7.63							
MW-31	5/29/12		7.83	7.91	0.08						
MW-31	6/8/12		7.83	7.87	0.04						
MW-31	6/14/12		7.86	7.88	0.02						
MW-31	6/19/12		7.90	7.92	0.02						
MW-31	6/29/12		7.91	7.92	0.01						
MW-31	7/3/12		7.92	7.93	0.01						
MW-31	7/11/12		8.20	8.33	0.13						
MW-31	7/16/12		8.15	8.30	0.15						
MW-31	8/1/12		8.03	8.07	0.04						
MW-31	8/10/12		7.91	8.15	0.24						
MW-31	9/7/12			8.30							
MW-31	9/13/122			8.20							
MW-31	10/3/12			8.32							
MW-31	11/27/12		8.45	8.75	0.30						
MW-31	12/3/12		8.22	8.57	0.35						
MW-31	12/6/12		8.75	8.90	0.15						
MW-31	6-Dec-12^		8.32	8.45	0.13						
MW-31	12/10/12		8.38	8.80	0.42						
MW-31	10-Dec-12^			8.45							
MW-31	12/14/12		8.40	8.90	0.50						
MW-31	14-Dec-12^		8.44	8.46	0.02						
MW-31	12/18/12		8.27	8.55	0.28						
MW-31	12/27/12		8.22	8.30	0.08						
MW-31	1/7/13		8.35	8.36	0.01						
MW-31	1/14/13		Sheen	7.97	Sheen						
MW-31	1/28/13		8.19	8.62	0.43						
MW-31	2/6/13		8.00	8.08	0.08						
MW-31	2/11/13		7.65	7.66	0.01						
MW-31	2/18/13			7.89							
MW-31	2/27/13			7.82							
MW-31	3/4/13		7.89	7.90	0.01						
MW-31	4/25/13			7.55							
MW-32	5/19/09			7.43							
MW-32	7/16/09			7.69							
MW-32	8/25/09			7.72							
MW-32	9/1/09			7.58							
MW-32	9/10/09			7.74							
MW-32	9/17/09			7.81							
MW-32	9/24/09			7.78							
MW-32	10/1/09			7.83							
MW-32	10/7/09			7.67							
MW-32	10/23/09			7.43							
MW-32	6/22/10			7.49							
MW-32	6/30/10			7.48							
MW-32	7/6/10			7.58							
MW-32	7/13/10			7.57							
MW-32	7/20/10			7.67							
MW-32	7/27/10			7.45							
MW-32	8/18/10			7.52							
MW-32	8/24/10			7.56							
MW-32	8/31/10		7.67	7.69	0.02						
MW-32	9/21/10			7.68							
MW-32	9/30/10			7.54							
MW-32	10/12/10			7.83							
MW-32	11/3/10			7.82							
MW-32	11/15/10			7.91							
MW-32	12/2/10			7.84							
MW-32	12/10/10			7.81							
MW-32	12/22/10			7.92							
MW-32	12/27/10			7.96							
MW-32	1/10/11			7.88							
MW-32	3/2/11			7.51							
MW-32	4/14/11			7.51			0.757	0.174	0.0903	0.343	0.0104
MW-32	12/3/12			8.29							
MW-32	12/6/12			8.40							
MW-32	12/10/12			8.38							
MW-32	12/14/12			8.35							
MW-32	12/18/12			8.14							

Table 1

Groundwater Elevations 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
Sample ID	Date Sampled	Reference Elevation (feet)	Static Depth to Free Product (feet below TOC)	Static Depth to Water (feet below TOC)	Free Product Thickness (feet)	Groundwater Elevation (feet)					
MW-32	12/27/12			8.05							
MW-32	1/7/13			8.21							
MW-32	1/14/13			8.05							
MW-32	1/28/13			8.15							
MW-32	2/6/13			7.98							
MW-32	2/11/13			7.58							
MW-32	2/18/13			7.85							
MW-32	2/27/13			7.88							
MW-32	3/4/13			7.83							
MW-32	3/25/13			7.73							
MW-32	4/4/13			7.82							
MW-32	4/8/13			7.85							
MW-32	4/15/13			7.17							
MW-32	5/8/13			7.55							
MW-32	5/23/13			7.60							
RW-1	1/6/09						0.764	<0.005	0.0052	<0.015	0.0118
RW-1	5/19/09			6.10							
RW-1	8/25/09			6.39							
RW-1	9/1/09			6.22							
RW-1	9/10/09			6.35							
RW-1	9/17/09			6.38							
RW-1	9/24/09			6.35							
RW-1	10/1/09			6.40							
RW-1	10/7/09			6.27							
RW-1	10/23/09			6.03							
RW-1	1/10/11			6.49							
RW-1	4/14/11			6.12			1.09	0.0196	0.007	0.0361	0.0076
RW-1	12/3/12			7.20							
RW-1	12/6/12			6.38							
RW-1	12/10/12			6.30							
RW-1	12/14/12			6.35							
RW-1	12/18/12			6.20							
RW-1	12/27/12			6.19							
RW-1	1/7/13			6.30							
RW-1	1/14/13			6.10							
RW-1	1/28/13			6.13							
RW-1	2/6/13			6.91							
RW-1	2/11/13			6.55							
RW-1	2/18/13			6.78							
RW-1	2/21/13		Sheen	6.74	Sheen		1.520	0.245	0.0399	0.223	<0.0019
RW-1	2/27/13		Sheen	6.80	Sheen						
RW-1	3/4/13			6.78							
RW-1	3/25/13		Sheen	6.68	Sheen						
RW-1	4/4/13		Sheen	6.74	Sheen						
RW-1	4/8/13			6.72							
RW-1	4/15/13		Sheen	6.42	Sheen						
RW-1	4/22/13			6.09							
RW-1	5/8/13			6.43							
RW-1	5/23/13		Sheen	6.64	Sheen						
RW-1	7/3/13			6.45							
RW-1 ('04)	4/21/05	108.01		4.58		103.43	0.44	0.0097	0.028	0.11	0.01
RW-1 ('04)	12/29/08	108.01		2.42		105.59					
RW-1 ('04)	1/5/09	108.01		3.93		104.08					
RW-1 ('04)	1/10/11	108.01		5.35		102.66					
RW-1 ('04)	12/6/12	108.01		4.96		103.05					
RW-1 ('04)	12/10/12	108.01		4.76		103.25					
RW-1 ('04)	12/14/12	108.01		4.85		103.16					
RW-1 ('04)	12/18/12	108.01	Sheen	4.70	Sheen	103.31					
RW-1 ('04)	12/27/12	108.01		4.60		103.41					
RW-1 ('04)	1/7/13	108.01		4.78		103.23					
RW-1 ('04)	1/14/13	108.01		4.62		103.39					
RW-1 ('04)	1/28/13	108.01		4.52		103.49					
RW-1 ('04)	2/6/13	108.01		4.59		103.42					
RW-1 ('04)	2/11/13	108.01		4.60		103.41					
RW-1 ('04)	2/18/13	108.01		4.30		103.71					
RW-1 ('04)	2/21/13	108.01		4.13		103.88	0.0064	0.0258	0.0076	0.0598	<0.00038
RW-1 ('04)	2/27/13	108.01		4.39		103.62					
RW-1 ('04)	3/4/13	108.01		4.40		103.61					
RW-1 ('04)	3/25/13	108.01		4.15		103.86					
RW-1 ('04)	4/4/13	108.01		4.36		103.65					

Table 1

Groundwater Elevations 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
Sample ID	Date Sampled	Reference Elevation (feet)	Static Depth to Free Product (feet below TOC)	Static Depth to Water (feet below TOC)	Free Product Thickness (feet)	Groundwater Elevation (feet)					
RW-1 ('04)	4/8/13	108.01		4.45		103.56					
RW-1 ('04)	4/15/13	108.01		3.15		104.86					
RW-1 ('04)	4/22/13	108.01		2.80		105.21					
RW-1 ('04)	5/8/13	108.01		4.11		103.90					
RW-1 ('04)	5/23/13	108.01		4.18		103.83					
RW-1 ('04)	7/3/13	108.01		4.17		103.84					
RW-2	4/1/09			9.40							
RW-2	5/19/09			9.70							
RW-2	7/16/09			9.72							
RW-2	8/18/09			9.72							
RW-2	8/25/09			9.73							
RW-2	9/1/09			9.72							
RW-2	9/10/09			9.72							
RW-2	9/17/09			9.73							
RW-2	9/24/09			9.74							
RW-2	10/1/09			9.73.							
RW-2	10/7/09			9.72							
RW-2	10/23/09			9.72							
RW-2	6/22/10		9.72	9.73	0.01						
RW-2	6/30/10		9.72	9.73	0.01						
RW-2	7/6/10			9.73							
RW-2	7/13/10			9.72							
RW-2	7/20/10			9.73							
RW-2	7/27/10			9.72							
RW-2	8/18/10			9.72							
RW-2	8/24/10			9.72							
RW-2	8/31/10			9.74							
RW-2	9/21/10			9.78							
RW-2	9/30/10			9.76							
RW-2	10/12/10			9.72							
RW-2	11/3/10			9.73							
RW-2	11/15/10			9.81							
RW-2	12/2/10			9.75							
RW-2	12/10/10			9.80							
RW-2	12/22/10			9.20							
RW-2	12/27/10			9.75							
RW-2	12/29/10			9.76							
RW-2	1/5/11			9.75							
RW-2	1/10/11			9.71							
RW-2	3/2/11			9.76							
RW-2	4/14/11			9.72							
RW-2	12/3/12			6.75							
RW-2	12/6/12			6.72							
RW-2	12/10/12			6.78							
RW-2	12/14/12			6.45							
RW-2	12/18/12			6.78							
RW-2	12/27/12			6.79							
RW-2	1/7/13		Sheen	6.75	Sheen						
RW-2	1/14/13			6.78							
RW-2	1/28/13			6.78							
RW-2	2/6/13			6.78							
RW-2	2/11/13			6.80							
RW-2	2/18/13			7.83							
RW-2	2/21/13			6.80							
RW-2	3/4/13			DRY							
RW-2	3/25/13			DRY							
RW-2	4/15/13			DRY							
RW-2	4/22/13			DRY							
RW-2	5/8/13			6.72							
RW-3	5/19/09			7.20							
RW-3	6/17/09		7.20	7.34	0.14						
RW-3	7/16/09		7.52	7.53	0.01						
RW-3	7/27/09		7.50	7.52	0.02						
RW-3	8/18/09		7.58	7.59	0.01						
RW-3	8/25/09		7.55	7.57	0.02						
RW-3	9/1/09		7.34	7.47	0.13						
RW-3	9/10/09		7.71	7.72	0.01						
RW-3	9/17/09		7.70	7.71	0.01						
RW-3	9/24/09		7.58	7.60	0.02						
RW-3	10/1/09		7.69	7.70	0.01						

Table 1

Groundwater Elevations 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
Sample ID	Date Sampled	Reference Elevation (feet)	Static Depth to Free Product (feet below TOC)	Static Depth to Water (feet below TOC)	Free Product Thickness (feet)	Groundwater Elevation (feet)					
RW-3	10/7/09		7.48	7.49	0.01						
RW-3	10/23/09		7.43	7.46	0.03						
RW-3	10/28/09		7.38	7.39	0.01						
RW-3	11/9/09		7.53	7.55	0.02						
RW-3	11/24/09		7.55	7.56	0.01						
RW-3	12/3/09		7.40	7.42	0.02						
RW-3	12/8/09		7.42	7.45	0.03						
RW-3	12/17/09		7.42	7.51	0.09						
RW-3	12/22/09		7.65	7.80	0.15						
RW-3	12/28/09		7.16	7.19	0.03						
RW-3	1/6/10		7.58	7.65	0.07						
RW-3	1/11/10		7.50	7.55	0.05						
RW-3	1/19/10		7.52	7.54	0.02						
RW-3	1/25/10		6.98	6.99	0.01						
RW-3	2/2/10		7.86	7.89	0.03						
RW-3	2/8/10		7.45	7.48	0.03						
RW-3	2/16/10		7.56	7.57	0.01						
RW-3	2/22/10		7.52	7.54	0.02						
RW-3	3/1/10			7.40							
RW-3	3/8/10			7.52							
RW-3	3/18/10			7.07							
RW-3	3/24/10			7.12							
RW-3	3/29/10			7.14							
RW-3	4/21/10		7.59	7.60	0.01						
RW-3	4/27/10			7.36							
RW-3	5/4/10		7.34	7.37	0.03						
RW-3	5/10/10		7.35	7.39	0.04						
RW-3	5/19/10		7.40	7.44	0.04						
RW-3	5/25/10		6.03	6.12	0.09						
RW-3	6/2/10		6.05	6.15	0.10						
RW-3	6/8/10		6.00	6.10	0.10						
RW-3	6/16/10		6.02	6.12	0.10						
RW-3	6/22/10		6.06	6.09	0.03						
RW-3	6/30/10		6.05	6.08	0.03						
RW-3	7/6/10		6.05	6.08	0.03						
RW-3	7/13/10		6.01	6.04	0.03						
RW-3	7/20/10		6.04	6.06	0.02						
RW-3	7/27/10		6.07	6.09	0.02						
RW-3	8/18/10		7.49	7.50	0.01						
RW-3	8/24/10		7.50	7.51	0.01						
RW-3	8/31/10		7.48	7.49	0.01						
RW-3	9/21/10		7.51	7.52	0.01						
RW-3	9/30/10		7.49	7.51	0.02						
RW-3	10/12/10		7.54	7.56	0.02						
RW-3	11/3/10		7.53	8.03	0.50						
RW-3	11/15/10		7.65	8.12	0.47						
RW-3	12/2/10		7.02	7.08	0.06						
RW-3	12/10/10		7.06	7.13	0.07						
RW-3	12/22/10		8.05	8.08	0.03						
RW-3	12/27/10		8.03	8.07	0.04						
RW-3	12/29/10		8.04	8.08	0.04						
RW-3	1/5/11		7.69	8.19	0.50						
RW-3	5-Jan-11^		7.90	7.91	0.01						
RW-3	1/10/11			7.57							
RW-3	1/13/11		7.95	8.46	0.51						
RW-3	13-Jan-11^			8.00							
RW-3	1/17/11		7.60	7.90	0.30						
RW-3	1/28/11		7.69	8.34	0.65						
RW-3	28-Jan-11^		7.95	8.05	0.10						
RW-3	2/7/11			7.83							
RW-3	2/22/11		7.06	7.19	0.13						
RW-3	3/2/11		7.45	7.49	0.04						
RW-3	3/7/11		7.32	7.34	0.02						
RW-3	3/14/11		7.20	7.21	0.01						
RW-3	3/21/11			8.00							
RW-3	3/28/11			7.05							
RW-3	4/5/11			7.07							
RW-3	4/12/11		7.42	7.43	0.01						
RW-3	4/14/11		7.24	7.25	0.01						
RW-3	4/19/11			7.18							

Table 1

Groundwater Elevations 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
Sample ID	Date Sampled	Reference Elevation (feet)	Static Depth to Free Product (feet below TOC)	Static Depth to Water (feet below TOC)	Free Product Thickness (feet)	Groundwater Elevation (feet)					
RW-3	4/26/11		6.71	6.72	0.01						
RW-3	5/5/11		7.05	7.07	0.02						
RW-3	5/11/11		7.29	7.30	0.01						
RW-3	5/17/11			7.30							
RW-3	5/23/11			7.22							
RW-3	6/2/11		7.04	7.05	0.01						
RW-3	6/27/11		7.32	7.34	0.02						
RW-3	7/6/11		7.46	7.50	0.04						
RW-3	7/18/11		7.82	7.83	0.01						
RW-3	7/26/11			7.43							
RW-3	8/2/11			7.20							
RW-3	8/9/11			7.30							
RW-3	8/15/11			7.35							
RW-3	8/22/11			7.38							
RW-3	8/29/11		7.49	7.50	0.01						
RW-3	9/7/11			7.60							
RW-3	9/13/11			7.90							
RW-3	9/20/11			7.82							
RW-3	9/27/11			7.90							
RW-3	10/3/11			7.96							
RW-3	10/11/11			8.03							
RW-3	10/18/11			7.50							
RW-3	10/25/11			7.45							
RW-3	11/4/11			7.41							
RW-3	11/10/11			7.55							
RW-3	11/21/11			7.49							
RW-3	11/30/11			7.33							
RW-3	12/6/11			7.24							
RW-3	12/12/11			7.37							
RW-3	12/19/11		7.29	7.30	0.01						
RW-3	12/29/11			7.42							
RW-3	1/9/12			7.39							
RW-3	1/17/12			7.38							
RW-3	1/23/12			7.30							
RW-3	1/31/12			7.29							
RW-3	2/6/12		Sheen	7.30	Sheen						
RW-3	2/13/12		7.43	7.44	0.01						
RW-3	2/21/12		Sheen	7.42	Sheen						
RW-3	2/28/12		Sheen	7.24	Sheen						
RW-3	3/9/12			7.32							
RW-3	3/23/12		Sheen	7.32	Sheen						
RW-3	3/27/12			7.29							
RW-3	4/5/12			7.42							
RW-3	4/10/12			7.49							
RW-3	4/16/12		7.06	7.07	0.01						
RW-3	4/24/12			7.30							
RW-3	5/4/12			7.27							
RW-3	5/10/12		Sheen	7.21	Sheen						
RW-3	5/16/12			7.38							
RW-3	5/25/12			7.42							
RW-3	5/29/12			7.46							
RW-3	6/8/12			7.43							
RW-3	6/14/12			7.54							
RW-3	6/19/12			7.54							
RW-3	6/29/12			7.68							
RW-3	7/3/12			7.74							
RW-3	7/11/12			7.78							
RW-3	7/16/12		7.81	7.82	0.01						
RW-3	8/1/12			7.78							
RW-3	8/10/12		Sheen	7.69	Sheen						
RW-3	9/7/12		Sheen	7.85	Sheen						
RW-3	9/13/12			7.89							
RW-3	10/3/12			8.02							
RW-3	11/27/12		7.47	8.40	0.93						
RW-3	12/3/12		7.47	8.45	0.98						
RW-3	12/6/12		7.75	8.55	0.80						
RW-3	6-Dec-12^		7.75	7.78	0.03						
RW-3	12/10/12		7.53	8.12	0.59						
RW-3	10-Dec-12^		8.00	8.02	0.02						
RW-3	12/14/12		7.55	8.51	0.96						

Table 1

Groundwater Elevations 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
Sample ID	Date Sampled	Reference Elevation (feet)	Static Depth to Free Product (feet below TOC)	Static Depth to Water (feet below TOC)	Free Product Thickness (feet)	Groundwater Elevation (feet)					
RW-3	14-Dec-12^			7.90							
RW-3	12/18/12		7.40	8.05	0.65						
RW-3	12/27/12		7.38	7.58	0.20						
RW-3	1/7/13		7.50	7.51	0.01						
RW-3	1/14/13		Sheen	7.37	Sheen						
RW-3	1/21/13			7.49							
RW-3	1/28/13		7.51	8.17	0.66						
RW-3	2/6/13			7.39							
RW-3	2/11/13			7.03							
RW-3	2/18/13			7.22							
RW-3	2/21/13			7.21			4.930	9.090	1.590	10.600	<0.0190
RW-3	2/27/13			7.26							
RW-3	3/4/13		7.22	7.23	0.01						
RW-3	3/25/13			7.14							
RW-3	4/4/13			7.20							
RW-3	4/8/13			7.01							
RW-3	4/15/13			6.87							
RW-3	4/22/13			6.46							
RW-3	5/8/13			6.94							
RW-3	5/23/13			6.97							
RW-3	7/3/13			6.87							
RW-4	5/19/09			7.36							
RW-4	6/17/09			7.37							
RW-4	7/16/09			7.63							
RW-4	8/11/09		7.53	7.57	0.04						
RW-4	8/18/09		7.70	7.71	0.01						
RW-4	8/25/09		7.70	7.71	0.01						
RW-4	9/1/09		7.51	7.53	0.02						
RW-4	9/10/09		7.68	7.70	0.02						
RW-4	9/17/09			7.76							
RW-4	9/24/09		7.68	7.70	0.02						
RW-4	10/1/09		7.73	7.74	0.01						
RW-4	10/7/09		7.58	7.60	0.02						
RW-4	10/23/09		7.35	7.40	0.05						
RW-4	10/28/09		7.39	7.50	0.11						
RW-4	11/9/09		7.55	7.56	0.01						
RW-4	11/24/09		7.65	7.83	0.18						
RW-4	12/3/09		7.58	7.70	0.12						
RW-4	12/8/09		7.60	7.74	0.14						
RW-4	12/17/09		7.55	7.63	0.08						
RW-4	12/22/09		7.61	7.75	0.14						
RW-4	12/28/09		7.16	7.27	0.11						
RW-4	1/6/10		7.50	7.60	0.10						
RW-4	1/11/10		7.58	7.71	0.13						
RW-4	1/19/10		7.62	7.73	0.11						
RW-4	1/25/10		7.14	7.21	0.07						
RW-4	2/2/10		7.48	7.60	0.12						
RW-4	2/8/10		7.56	7.74	0.18						
RW-4	2/16/10		7.60	7.80	0.20						
RW-4	2/22/10		7.50	7.63	0.13						
RW-4	3/1/10		7.51	7.61	0.10						
RW-4	3/8/10		7.38	7.45	0.07						
RW-4	3/18/10		7.18	7.30	0.12						
RW-4	3/24/10		7.26	7.38	0.12						
RW-4	3/29/10		7.34	7.49	0.15						
RW-4	4/21/10		7.42	7.61	0.19						
RW-4	4/27/10		7.43	7.60	0.17						
RW-4	5/4/10		7.43	7.60	0.17						
RW-4	5/10/10		7.41	7.56	0.15						
RW-4	5/19/10		7.25	7.37	0.12						
RW-4	5/25/10		7.35	7.49	0.14						
RW-4	6/2/10		7.35	7.52	0.17						
RW-4	6/8/10		7.31	7.43	0.12						
RW-4	6/16/10		7.37	7.54	0.17						
RW-4	6/22/10		7.36	7.53	0.17						
RW-4	6/30/10		7.36	7.52	0.16						
RW-4	7/6/10		[illegible]	7.48	[illegible]						
RW-4	7/13/10		7.45	7.68	0.23						
RW-4	7/20/10		7.54	7.82	0.28						
RW-4	7/27/10		7.33	7.51	0.18						

Table 1

Groundwater Elevations 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
Sample ID	Date Sampled	Reference Elevation (feet)	Static Depth to Free Product (feet below TOC)	Static Depth to Water (feet below TOC)	Free Product Thickness (feet)	Groundwater Elevation (feet)					
RW-4	8/18/10		7.38	7.68	0.30						
RW-4	8/24/10		7.43	7.75	0.32						
RW-4	8/31/10		7.53	7.92	0.39						
RW-4	9/21/10		7.54	7.92	0.38						
RW-4	9/30/10		7.53	7.61	0.08						
RW-4	10/12/10		7.68	8.06	0.38						
RW-4	11/3/10		7.68	8.10	0.42						
RW-4	11/15/10		7.72	8.08	0.36						
RW-4	12/2/10		7.65	8.35	0.70						
RW-4	12/10/10		7.62	8.33	0.71						
RW-4	12/22/10		7.75	8.62	0.87						
RW-4	12/27/10		7.73	8.63	0.90						
RW-4	12/29/10		8.37	8.65	0.28						
RW-4	1/5/11		7.59	8.32	0.73						
RW-4	5-Jan-11^		7.93	7.95	0.02						
RW-4	1/13/11		7.89	8.15	0.26						
RW-4	13-Jan-11^		7.99	8.02	0.03						
RW-4	1/17/11			7.93							
RW-4	1/28/11		7.83	8.68	0.85						
RW-4	28-Jan-11^			8.23							
RW-4	2/7/11		8.05	8.08	0.03						
RW-4	2/22/11			7.25							
RW-4	3/2/11		7.41	7.42	0.01						
RW-4	3/7/11		7.28	7.29	0.01						
RW-4	3/14/11			7.38							
RW-4	3/21/11		7.01	7.02	0.01						
RW-4	3/28/11			7.30							
RW-4	4/5/11		7.43	7.44	0.01						
RW-4	4/12/11			7.38							
RW-4	4/14/11			7.42			10.2	16.3	1.69	11.8	<0.125
RW-4	4/19/11			7.08							
RW-4	4/26/11			6.91							
RW-4	5/5/11			7.32							
RW-4	5/11/11			7.45							
RW-4	5/17/11			7.47							
RW-4	5/23/11			7.15							
RW-4	6/2/11			7.20							
RW-4	6/27/11		7.45	7.51	0.06						
RW-4	7/6/11		7.60	7.65	0.05						
RW-4	7/18/11		7.72	7.78	0.06						
RW-4	7/26/11		7.40	7.43	0.03						
RW-4	8/2/11		7.40	7.44	0.04						
RW-4	8/9/11		7.34	7.35	0.01						
RW-4	8/15/11		7.45	7.51	0.06						
RW-4	8/22/11			7.38							
RW-4	8/29/11			1.48							
RW-4	9/7/11			7.52							
RW-4	9/13/11		7.67	7.80	0.13						
RW-4	9/20/11		7.62	7.73	0.11						
RW-4	9/27/11		7.41	7.43	0.02						
RW-4	10/3/11		7.51	7.53	0.02						
RW-4	10/11/11		7.52	7.54	0.02						
RW-4	10/18/11		7.60	7.68	0.08						
RW-4	10/25/11		7.53	7.59	0.06						
RW-4	11/4/11		7.52	7.55	0.03						
RW-4	11/10/11		Sheen	7.29	Sheen						
RW-4	11/21/11		7.48	7.50	0.02						
RW-4	11/30/11		7.50	7.51	0.01						
RW-4	12/6/11			7.39							
RW-4	12/12/11		7.53	7.54	0.01						
RW-4	12/19/11			7.44							
RW-4	1/9/12			7.42							
RW-4	1/17/12			7.45							
RW-4	1/23/12			7.45							
RW-4	1/31/12			7.45							
RW-4	2/6/12		Sheen	7.43	Sheen						
RW-4	2/13/12		Sheen	7.59	Sheen						
RW-4	2/21/12			7.58							
RW-4	2/28/12		Sheen	7.40	Sheen						
RW-4	3/9/12			7.38							

Table 1

Groundwater Elevations 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
Sample ID	Date Sampled	Reference Elevation (feet)	Static Depth to Free Product (feet below TOC)	Static Depth to Water (feet below TOC)	Free Product Thickness (feet)	Groundwater Elevation (feet)					
RW-4	3/23/12		Sheen	7.46	Sheen						
RW-4	3/27/12			7.43							
RW-4	4/5/12			7.55							
RW-4	4/10/12			7.61							
RW-4	4/16/12			7.25							
RW-4	4/24/12			7.45							
RW-4	5/4/12			7.43							
RW-4	5/10/12			7.37							
RW-4	5/16/12			7.49							
RW-4	5/25/12			7.54							
RW-4	5/29/12		7.59	7.62	0.03						
RW-4	6/8/12			7.58							
RW-4	6/14/12		7.56	7.57	0.01						
RW-4	6/19/12		7.58	7.60	0.02						
RW-4	6/29/12			7.81							
RW-4	7/3/12			7.91							
RW-4	7/11/12			7.92							
RW-4	7/16/12			7.95							
RW-4	8/1/12			7.64							
RW-4	8/10/12			7.79							
RW-4	9/7/12			7.92							
RW-4	9/13/12			7.98							
RW-4	10/3/12		8.09	8.10	0.01						
RW-4	11/27/12			7.67							
RW-4	12/3/12		7.69	8.05	0.36						
RW-4	12/6/12		7.92	8.18	0.26						
RW-4	6-Dec-12^		7.80	7.92	0.12						
RW-4	12/10/12		7.75	7.78	0.03						
RW-4	10-Dec-12^		7.70	7.71	0.01						
RW-4	12/14/12		7.83	7.85	0.02						
RW-4	12/18/12			7.65							
RW-4	12/27/12			7.55							
RW-4	1/7/13			7.71							
RW-4	1/14/13		Sheen	7.54	Sheen						
RW-4	1/21/13			7.68							
RW-4	1/28/13			7.75							
RW-4	2/6/13		Sheen	7.47	Sheen						
RW-4	2/11/13		Sheen	7.15	Sheen						
RW-4	2/18/13			7.35							
RW-4	2/21/13		Sheen	7.30	Sheen		1.250	1.930	0.481	5.240	<0.0076
RW-4	2/27/13		Sheen	7.31	Sheen						
RW-4	3/4/13			7.33							
RW-4	3/25/13			6.95							
RW-4	4/4/13			7.26							
RW-4	4/8/13			7.14							
RW-4	4/15/13			6.81							
RW-4	4/22/13			6.41							
RW-4	5/8/13		7.01	7.02	0.01						
RW-4	5/23/13			7.03							
RW-4	7/3/13			6.96							
RW-5	5/19/09		6.93	8.40	1.47						
RW-5	6/17/09		7.01	8.13	1.12						
RW-5	7/16/09			7.51							
RW-5	8/11/09		7.51	8.05	0.54						
RW-5	8/18/09		7.38	8.51	1.13						
RW-5	8/25/09		7.37	8.54	1.17						
RW-5	9/1/09		7.18	8.28	1.10						
RW-5	9/10/09		7.31	8.63	1.32						
RW-5	9/17/09		7.39	7.42	0.03						
RW-5	9/24/09		7.39	8.61	1.22						
RW-5	10/1/09		7.44	7.47	0.03						
RW-5	10/7/09			7.35							
RW-5	10/23/09		7.16	7.41	0.25						
RW-5	10/28/09		7.19	7.33	0.14						
RW-5	11/9/09		7.33	7.34	0.01						
RW-5	11/24/09		7.42	8.33	0.91						
RW-5	12/3/09		7.32	8.18	0.86						
RW-5	12/8/09		7.38	8.25	0.87						
RW-5	12/17/09		7.30	8.23	0.93						
RW-5	12/22/09		7.33	7.55	0.22						

Table 1

Groundwater Elevations 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
Sample ID	Date Sampled	Reference Elevation (feet)	Static Depth to Free Product (feet below TOC)	Static Depth to Water (feet below TOC)	Free Product Thickness (feet)	Groundwater Elevation (feet)					
RW-5	12/28/09		7.07	7.30	0.23						
RW-5	1/6/10		7.40	7.88	0.48						
RW-5	1/11/10		7.48	7.94	0.46						
RW-5	1/19/10		7.54	7.87	0.33						
RW-5	1/25/10		7.09	7.10	0.01						
RW-5	2/2/10		7.31	7.33	0.02						
RW-5	2/8/10		7.53	8.10	0.57						
RW-5	2/16/10		7.50	8.18	0.68						
RW-5	2/22/10		7.39	7.78	0.39						
RW-5	3/1/10		7.40	7.86	0.46						
RW-5	3/8/10		7.51	7.91	0.40						
RW-5	3/18/10		7.08	7.30	0.22						
RW-5	3/24/10		7.09	7.51	0.42						
RW-5	3/29/10		7.19	7.73	0.54						
RW-5	4/21/10		7.25	7.92	0.67						
RW-5	4/27/10		7.24	7.92	0.68						
RW-5	5/4/10		7.24	7.90	0.66						
RW-5	5/10/10		7.80	7.92	0.12						
RW-5	5/19/10		7.04	7.80	0.76						
RW-5	5/25/10		7.18	7.25	0.07						
RW-5	6/2/10		7.20	7.29	0.09						
RW-5	6/8/10		7.25	7.33	0.08						
RW-5	6/16/10		7.24	7.32	0.08						
RW-5	6/22/10			7.25							
RW-5	6/30/10			7.23							
RW-5	7/6/10			7.31							
RW-5	7/13/10			7.30							
RW-5	7/20/10			7.28							
RW-5	7/27/10			7.25							
RW-5	8/18/10			7.30							
RW-5	8/24/10			7.26							
RW-5	8/31/10			7.23							
RW-5	9/21/10			7.33							
RW-5	9/30/10			7.26							
RW-5	10/12/10		7.52	7.88	0.36						
RW-5	11/3/10		7.69	8.30	0.61						
RW-5	11/15/10		7.71	8.31	0.60						
RW-5	12/2/10		7.67	8.35	0.68						
RW-5	12/10/10		7.66	8.21	0.55						
RW-5	12/22/10		7.78	8.66	0.88						
RW-5	12/27/10		7.76	8.65	0.89						
RW-5	12/29/10		8.34	8.62	0.28						
RW-5	1/5/11		7.63	8.34	0.71						
RW-5	5-Jan-11^		7.90	7.93	0.03						
RW-5	1/13/11		7.71	8.54	0.83						
RW-5	13-Jan-11^			8.00							
RW-5	1/17/11		7.94	8.34	0.40						
RW-5	1/28/11		7.83	8.68	0.85						
RW-5	28-Jan-11^		8.21	8.23	0.02						
RW-5	2/7/11		7.90	7.92	0.02						
RW-5	2/22/11		7.25	7.26	0.01						
RW-5	3/2/11		7.49	7.51	0.02						
RW-5	3/7/11		7.50	7.52	0.02						
RW-5	3/14/11		7.29	7.30	0.01						
RW-5	3/21/11			6.69							
RW-5	3/28/11			7.17							
RW-5	4/5/11		7.05	7.07	0.02						
RW-5	4/12/11			7.40							
RW-5	4/14/11		7.42	7.43	0.01						
RW-5	4/19/11			7.38							
RW-5	4/26/11			6.81							
RW-5	5/5/11		7.21	7.26	0.05						
RW-5	5/11/11			7.82							
RW-5	5/17/11		7.39	7.47	0.08						
RW-5	5/23/11		7.22	7.27	0.05						
RW-5	6/2/11		7.18	7.22	0.04						
RW-5	6/27/11		7.43	7.60	0.17						
RW-5	7/6/11		7.65	7.67	0.02						
RW-5	7/18/11		7.48	8.33	0.85						
RW-5	7/26/11			7.29							

Table 1

Groundwater Elevations 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
Sample ID	Date Sampled	Reference Elevation (feet)	Static Depth to Free Product (feet below TOC)	Static Depth to Water (feet below TOC)	Free Product Thickness (feet)	Groundwater Elevation (feet)					
RW-5	8/2/11		7.28	7.58	0.30						
RW-5	8/9/11		7.25	7.41	0.16						
RW-5	8/15/11		7.32	7.68	0.36						
RW-5	8/22/11		7.27	7.47	0.20						
RW-5	8/29/11		7.36	7.78	0.42						
RW-5	9/7/11		7.44	8.06	0.62						
RW-5	9/13/11		7.47	8.22	0.75						
RW-5	9/20/11		7.52	8.02	0.50						
RW-5	9/27/11		7.95	8.15	0.20						
RW-5	10/3/11		8.05	8.20	0.15						
RW-5	10/11/11		8.23	8.33	0.10						
RW-5	10/18/11		7.66	7.93	0.27						
RW-5	10/25/11		7.76	7.88	0.12						
RW-5	11/4/11		7.70	7.84	0.14						
RW-5	11/10/11		7.46	7.50	0.04						
RW-5	11/21/11		7.44	7.46	0.02						
RW-5	11/30/11		7.41	7.44	0.03						
RW-5	12/6/11			7.31							
RW-5	12/12/11		7.41	7.60	0.19						
RW-5	12/19/11		7.36	7.37	0.01						
RW-5	12/29/11			7.63							
RW-5	1/9/12			7.42							
RW-5	1/17/12			7.45							
RW-5	1/23/12		7.38	7.50	0.12						
RW-5	1/31/12		7.35	7.44	0.09						
RW-5	2/6/12		7.37	7.42	0.05						
RW-5	2/13/12		7.46	7.71	0.25						
RW-5	2/21/12		7.45	7.70	0.25						
RW-5	2/28/12		Sheen	7.31	Sheen						
RW-5	3/9/12		7.63	7.65	0.02						
RW-5	3/23/12		7.53	7.54	0.01						
RW-5	3/27/12			7.23							
RW-5	4/5/12			7.26							
RW-5	4/10/12			7.30							
RW-5	4/16/12			7.15							
RW-5	4/24/12		7.43	7.44	0.01						
RW-5	5/4/12		7.44	7.45	0.01						
RW-5	5/10/12		Sheen	7.41	Sheen						
RW-5	5/16/12			7.53							
RW-5	5/25/12			7.60							
RW-5	5/29/12		7.63	7.68	0.05						
RW-5	6/8/12			7.62							
RW-5	6/14/12		7.53	7.86	0.33						
RW-5	6/19/12		7.56	7.83	0.27						
RW-5	6/29/12		7.62	7.83	0.21						
RW-5	7/3/12		7.66	7.78	0.12						
RW-5	7/11/12		7.73	7.75	0.02						
RW-5	7/16/12		7.83	7.85	0.02						
RW-5	8/1/12		7.61	7.83	0.22						
RW-5	8/10/12		7.72	7.73	0.01						
RW-5	9/7/12		7.93	7.94	0.01						
RW-5	9/13/12		7.87	7.90	0.03						
RW-5	10/3/12		8.12	8.14	0.02						
RW-5	11/27/12		7.71	8.59	0.88						
RW-5	12/3/12		7.60	8.35	0.75						
RW-5	12/6/12		7.88	8.45	0.57						
RW-5	6-Dec-12^		7.75	7.85	0.10						
RW-5	12/10/12		7.90	7.96	0.06						
RW-5	10-Dec-12^		7.85	7.86	0.01						
RW-5	12/14/12		8.00	8.05	0.05						
RW-5	12/18/12		7.95	8.04	0.09						
RW-5	12/27/12		7.48	7.49	0.01						
RW-5	1/7/13		7.78	7.80	0.02						
RW-5	1/14/13		7.62	7.64	0.02						
RW-5	1/21/13		7.73	7.81	0.08						
RW-5	1/28/13		7.83	7.86	0.03						
RW-5	2/6/13		7.39	7.40	0.01						
RW-5	2/11/13		7.09	7.12	0.03						
RW-5	2/18/13		7.21	7.23	0.02						
RW-5	2/21/13		Sheen	7.19	Sheen		3.300	0.513	0.583	1.760	0.0081 J

Table 1

Groundwater Elevations 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
Sample ID	Date Sampled	Reference Elevation (feet)	Static Depth to Free Product (feet below TOC)	Static Depth to Water (feet below TOC)	Free Product Thickness (feet)	Groundwater Elevation (feet)					
RW-5	2/27/13		7.22	7.23							
RW-5	3/4/13		7.20	7.21	0.01						
RW-5	3/25/13		7.07	7.08	0.01						
RW-5	4/4/13			8.00							
RW-5	4/8/13			7.11							
RW-5	4/15/13		6.79	6.80	0.01						
RW-5	4/22/13			6.37							
RW-5	5/8/13		6.86	6.90	0.04						
RW-5	5/23/13			6.90							
RW-5	7/3/13		6.83	6.84	0.01						
RW-6	5/19/09			7.05							
RW-6	7/16/09		7.25	7.83	0.58						
RW-6	7/27/09		7.28	7.92	0.64						
RW-6	8/11/09		7.31	8.04	0.73						
RW-6	8/18/09		7.40	8.02	0.62						
RW-6	8/25/09		7.33	8.02	0.69						
RW-6	9/1/09			7.32							
RW-6	9/10/09		7.43	7.70	0.27						
RW-6	9/17/09			7.63							
RW-6	9/24/09		7.57	7.60	0.03						
RW-6	10/1/09			7.61							
RW-6	10/7/09		7.45	7.46	0.01						
RW-6	10/23/09		7.41	7.42	0.01						
RW-6	10/28/09			7.22							
RW-6	11/9/09		7.33	7.42	0.09						
RW-6	11/24/09			7.51							
RW-6	12/3/09		7.34	7.38	0.04						
RW-6	12/8/09		7.54	7.59	0.05						
RW-6	12/17/09		7.31	7.40	0.09						
RW-6	12/22/09		7.42	7.55	0.13						
RW-6	1/6/10			7.23							
RW-6	1/11/10		7.40	7.42	0.02						
RW-6	1/19/10		7.41	7.42	0.01						
RW-6	1/25/10			6.87							
RW-6	2/2/10		7.25	7.28	0.03						
RW-6	2/8/10			7.34							
RW-6	2/16/10		7.39	7.40	0.01						
RW-6	2/22/10		7.25	7.30	0.05						
RW-6	3/1/10		7.25	7.31	0.06						
RW-6	3/8/10		7.11	7.17	0.06						
RW-6	3/18/10		6.92	6.98	0.06						
RW-6	3/24/10		6.95	7.01	0.06						
RW-6	3/29/10		7.01	7.07	0.06						
RW-6	4/21/10			7.28							
RW-6	4/27/10		7.25	7.26	0.01						
RW-6	5/4/10			7.30							
RW-6	5/10/10		7.20	7.21	0.01						
RW-6	5/19/10		6.96	7.04	0.08						
RW-6	5/25/10		7.12	7.20	0.08						
RW-6	6/2/10		7.10	7.15	0.05						
RW-6	6/8/10		7.03	7.13	0.10						
RW-6	6/16/10		7.15	7.20	0.05						
RW-6	6/22/10		7.13	7.19	0.06						
RW-6	6/30/10		7.11	7.17	0.06						
RW-6	7/6/10		7.25	7.37	0.12						
RW-6	7/13/10		7.24	7.33	0.09						
RW-6	7/20/10		7.37	7.46	0.09						
RW-6	7/27/10		7.09	7.19	0.10						
RW-6	8/18/10		7.16	7.34	0.18						
RW-6	8/24/10		7.19	7.33	0.14						
RW-6	8/31/10		7.30	7.67	0.37						
RW-6	9/21/10			7.32							
RW-6	9/30/10		7.35	7.72	0.37						
RW-6	10/12/10		7.45	8.02	0.57						
RW-6	11/3/10		7.43	8.08	0.65						
RW-6	11/15/10		7.50	8.12	0.62						
RW-6	12/2/10		7.50	8.09	0.59						
RW-6	12/10/10		7.42	8.04	0.62						
RW-6	12/22/10		7.60	8.20	0.60						
RW-6	12/27/10		7.64	8.22	0.58						

Table 1

Groundwater Elevations 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
Sample ID	Date Sampled	Reference Elevation (feet)	Static Depth to Free Product (feet below TOC)	Static Depth to Water (feet below TOC)	Free Product Thickness (feet)	Groundwater Elevation (feet)					
RW-6	12/29/10		8.18	8.20	0.02						
RW-6	1/5/11		7.42	7.97	0.55						
RW-6	5-Jan-11^		7.73	7.76	0.03						
RW-6	1/13/11		7.72	7.82	0.10						
RW-6	13-Jan-11^		7.93	7.95	0.02						
RW-6	1/17/11		7.27	7.85	0.58						
RW-6	1/28/11		7.81	7.96	0.15						
RW-6	28-Jan-11^		8.30	8.35	0.05						
RW-6	2/7/11			7.78							
RW-6	2/22/11		6.93	7.27	0.34						
RW-6	3/2/11		7.11	7.31	0.20						
RW-6	3/7/11		7.15	7.30	0.15						
RW-6	3/14/11		7.09	7.17	0.08						
RW-6	3/21/11		6.69	6.71	0.02						
RW-6	3/28/11		7.02	7.03	0.01						
RW-6	4/5/11		7.15	7.19	0.04						
RW-6	4/12/11		7.09	7.10	0.01						
RW-6	4/14/11		7.15	7.16	0.01						
RW-6	4/19/11			7.05							
RW-6	4/26/11		6.55	6.56	0.01						
RW-6	5/5/11		7.00	7.05	0.05						
RW-6	5/11/11		7.20	7.23	0.03						
RW-6	5/17/11		7.19	7.23	0.04						
RW-6	5/23/11			6.82							
RW-6	6/2/11		6.91	6.98	0.07						
RW-6	6/27/11		7.23	7.26	0.03						
RW-6	7/6/11		7.38	7.41	0.03						
RW-6	7/18/11		Sheen	7.59	Sheen						
RW-6	7/26/11			7.24							
RW-6	8/2/11			7.53							
RW-6	8/9/11			7.14							
RW-6	8/15/11		7.31	7.35	0.04						
RW-6	8/22/11			7.23							
RW-6	8/29/11			7.31							
RW-6	9/7/11			7.45							
RW-6	9/13/11			7.50							
RW-6	9/20/11			7.44							
RW-6	9/27/11			7.16							
RW-6	10/3/11			7.27							
RW-6	10/11/11			7.61							
RW-6	10/18/11			7.41							
RW-6	10/25/11			7.32							
RW-6	11/4/11			7.30							
RW-6	11/10/11		7.02	7.03	0.01						
RW-6	11/4/11			7.22							
RW-6	11/30/11		7.25	7.26	0.01						
RW-6	12/6/11		7.14	7.15	0.01						
RW-6	12/12/11			7.29							
RW-6	12/19/11			7.21							
RW-6	12/29/11			7.34							
RW-6	1/9/12			7.32							
RW-6	1/17/12			7.42							
RW-6	1/23/12			7.22							
RW-6	1/31/12			7.19							
RW-6	2/6/12			7.22							
RW-6	2/13/12			7.35							
RW-6	2/21/12			7.33							
RW-6	2/28/12		Sheen	7.11	Sheen						
RW-6	3/9/12			7.28							
RW-6	3/23/12		Sheen	7.20	Sheen						
RW-6	3/27/12			7.17							
RW-6	4/5/12			7.32							
RW-6	4/10/12			7.39							
RW-6	4/16/12			6.96							
RW-6	4/24/12			7.20							
RW-6	5/4/12			7.18							
RW-6	5/10/12			7.12							
RW-6	5/16/12		Sheen	7.28	Sheen						
RW-6	5/25/12		Sheen	7.31	Sheen						
RW-6	5/29/12			7.37							

Table 1

Groundwater Elevations 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
Sample ID	Date Sampled	Reference Elevation (feet)	Static Depth to Free Product (feet below TOC)	Static Depth to Water (feet below TOC)	Free Product Thickness (feet)	Groundwater Elevation (feet)					
RW-6	6/8/12			7.34							
RW-6	6/14/12			7.44							
RW-6	6/19/12			7.48							
RW-6	6/29/12			7.63							
RW-6	7/3/12			7.72							
RW-6	7/11/12			7.77							
RW-6	7/16/12			7.80							
RW-6	8/1/12			7.62							
RW-6	8/10/12			7.65							
RW-6	9/7/12			7.85							
RW-6	9/13/12			7.91							
RW-6	10/3/12			8.18							
RW-6	11/27/12		7.12	8.09	0.97						
RW-6	12/3/12		7.16	8.13	0.97						
RW-6	12/6/12		7.22	8.20	0.98						
RW-6	6-Dec-12^		7.41	7.48	0.07						
RW-6	12/10/12		7.13	7.87	0.74						
RW-6	10-Dec-12^		7.85	7.90	0.05						
RW-6	12/14/12		7.18	7.96	0.78						
RW-6	14-Dec-12^		7.75	7.76	0.01						
RW-6	12/18/12		7.05	7.70	0.65						
RW-6	12/27/12		7.00	7.40	0.40						
RW-6	1/7/13			7.17							
RW-6	1/14/13			6.97							
RW-6	1/28/13		7.16	7.95	0.79						
RW-6	2/6/13		6.99	7.00	0.01						
RW-6	2/11/13			6.70							
RW-6	2/18/13		Sheen	6.87	Sheen						
RW-6	2/21/13			6.80			0.281	1.130	0.392	2.700	0.0051 J
RW-6	2/27/13		6.86	6.87	0.01						
RW-6	3/4/13		6.86	6.87							
RW-6	3/25/13		6.71	6.72	0.01						
RW-6	4/4/13		6.82	6.83	0.01						
RW-6	4/8/13		6.67	6.68	0.01						
RW-6	4/15/13		Sheen	6.42	Sheen						
RW-6	4/22/13			9.02							
RW-6	5/8/13			6.47							
RW-6	5/23/13		Sheen	6.53	Sheen						
RW-6	7/3/13		Sheen	6.48	Sheen						
RW-7	12/3/12			7.16							
RW-7	12/6/12			7.21							
RW-7	12/10/12			7.10							
RW-7	12/14/12			7.19							
RW-7	12/18/12			7.01							
RW-7	12/27/12			6.90							
RW-7	1/7/13			7.11							
RW-7	1/14/13			6.95							
RW-7	1/28/13			7.93							
RW-7	2/6/13			6.90							
RW-7	2/11/13			6.62							
RW-7	2/18/13		Sheen	6.70	Sheen						
RW-7	2/21/13			6.71			0.620	0.465	0.211	0.754	0.0037 J
RW-7	2/27/13			6.73							
RW-7	3/4/13			6.73							
RW-7	3/25/13			6.60							
RW-7	4/4/13			6.69							
RW-7	4/8/13			6.64							
RW-7	4/15/13			6.30							
RW-7	4/22/13			5.94							
RW-7	5/8/13			6.41							
RW-7	5/23/13		Sheen	6.48	Sheen						
RW-7	7/3/13			6.37							
RW-8	12/3/12		7.00	8.25	1.25						
RW-8	12/6/12		7.01	8.31	1.30						
RW-8	6-Dec-12^		7.10	8.15	1.05						
RW-8	12/10/12		7.00	8.10	1.10						
RW-8	10-Dec-12^		7.76	7.79	0.03						
RW-8	12/14/12		6.99	8.09	1.10						
RW-8	14-Dec-12^		8.30	8.63	0.33						
RW-8	12/18/12		6.95	7.75	0.80						

Table 1

Groundwater Elevations 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
Sample ID	Date Sampled	Reference Elevation (feet)	Static Depth to Free Product (feet below TOC)	Static Depth to Water (feet below TOC)	Free Product Thickness (feet)	Groundwater Elevation (feet)					
RW-8	12/27/12		6.97	7.35	0.38						
RW-8	1/7/13		7.02	7.22	0.20						
RW-8	1/14/13		7.05	7.06	0.01						
RW-8	1/21/13		6.99	7.80	0.81						
RW-8	1/28/13		7.04	7.98	0.94						
RW-8	2/6/13			7.00							
RW-8	2/11/13			6.60							
RW-8	2/18/13			6.82							
RW-8	2/21/13		Sheen	6.80	Sheen		4.140	8.700	1.300	7.670	<0.0190
RW-8	2/27/13			6.86							
RW-8	3/4/13		Sheen	6.83	Sheen						
RW-8	3/25/13			6.70							
RW-8	4/4/13		6.80	6.81	0.01						
RW-8	4/8/13		6.75	6.76	0.01						
RW-8	4/15/13		Sheen	6.45	Sheen						
RW-8	4/22/13			6.05							
RW-8	5/8/13		6.51	6.52	0.01						
RW-8	5/23/13			6.59							
RW-8	7/3/13			6.48							
RW-9	12/6/12			5.26							
RW-9	12/10/12			5.16							
RW-9	12/14/12			5.21							
RW-9	12/18/12			5.09							
RW-9	12/27/12			5.02							
RW-9	1/7/13			5.16							
RW-9	1/14/13		Sheen	5.06	Sheen						
RW-9	1/28/13			5.20							
RW-9	2/6/13			4.93							
RW-9	2/11/13			5.12							
RW-9	2/18/13			4.79							
RW-9	2/21/13		Sheen	4.74	Sheen		0.391	0.0130	0.0123	0.0050 J	0.0031
RW-9	2/27/13		Sheen	4.82	Sheen						
RW-9	3/4/13		Sheen	4.78	Sheen						
RW-9	3/25/13		Sheen	4.67	Sheen						
RW-9	4/4/13			4.75							
RW-9	4/8/13			4.69							
RW-9	4/15/13			4.38							
RW-9	4/22/13			4.05							
RW-9	5/8/13			4.49							
RW-9	5/23/13		Sheen	4.55	Sheen						
RW-9	7/3/13			4.45							
RW-10	12/3/12			7.62							
RW-10	12/6/122			7.65							
RW-10	12/10/12			7.61							
RW-10	12/14/12			7.62							
RW-10	12/18/12			7.51							
RW-10	12/27/12			7.43							
RW-10	1/7/13			7.62							
RW-10	1/14/13			7.42							
RW-10	1/28/13			7.80							
RW-10	2/6/13			7.39							
RW-10	2/11/13			7.07							
RW-10	2/18/13			7.26							
RW-10	2/21/13			7.23			0.00043 J	<0.00042	<0.00041	<0.0013	0.0028
RW-10	2/27/13			7.28							
RW-10	3/4/13			7.23							
RW-10	3/25/13			7.18							
RW-10	4/4/13			7.25							
RW-10	4/8/13			7.19							
RW-10	4/15/13			6.99							
RW-10	4/22/13			6.75							
RW-10	5/8/13			7.04							
RW-10	5/23/13			7.05							
RW-10	7/3/13			7.02							
S-1	7/16/09		7.49	7.59	0.10						
S-1	7/27/09		7.46	7.54	0.08						
S-1	8/11/09		7.71	7.79	0.08						
S-1	8/18/09		7.61	7.72	0.11						
S-1	8/25/09		7.53	7.61	0.08						
S-1	9/1/09		7.01	7.05	0.04						

Table 1

Groundwater Elevations 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
Sample ID	Date Sampled	Reference Elevation (feet)	Static Depth to Free Product (feet below TOC)	Static Depth to Water (feet below TOC)	Free Product Thickness (feet)	Groundwater Elevation (feet)					
S-1	9/10/09		7.63	7.68	0.05						
S-1	9/17/09			7.86							
S-1	9/24/09		7.73	7.78	0.05						
S-1	10/1/09		7.87	7.89	0.02						
S-1	10/7/09		7.41	7.42	0.01						
S-1	10/23/09		6.79	6.81	0.02						
S-1	10/28/09		6.97	7.03	0.06						
S-1	11/9/09		7.33	7.38	0.05						
S-1	11/24/09		7.68	7.76	0.08						
S-1	12/3/09		7.40	7.46	0.06						
S-1	12/8/09		7.57	7.64	0.07						
S-1	12/17/09		7.31	7.39	0.08						
S-1	12/22/09		7.43	7.51	0.08						
S-1	12/28/09		6.52	6.59	0.07						
S-1	1/6/10		7.15	7.24	0.09						
S-1	1/11/10		7.38	7.45	0.07						
S-1	1/19/10		7.54	7.62	0.08						
S-1	1/25/10		7.01	7.04	0.03						
S-1	2/2/10		7.25	7.30	0.05						
S-1	2/8/10		7.37	7.42	0.05						
S-1	2/16/10		7.55	7.62	0.07						
S-1	2/22/10		7.43	7.47	0.04						
S-1	3/1/10		7.35	7.40	0.05						
S-1	3/8/10		7.45	7.49	0.04						
S-1	3/18/10		6.79	6.82	0.03						
S-1	3/24/10		6.75	6.79	0.04						
S-1	3/29/10		7.01	7.05	0.04						
S-1	4/21/10		7.45	7.51	0.06						
S-1	4/27/10		7.27	7.29	0.02						
S-1	5/4/10		7.27	7.30	0.03						
S-1	5/10/10		7.13	7.16	0.03						
S-1	5/19/10		6.58	6.65	0.07						
S-1	5/25/10		6.86	6.95	0.09						
S-1	6/2/10		6.95	7.04	0.09						
S-1	6/8/10		6.96	7.01	0.05						
S-1	6/16/10		7.02	7.06	0.04						
S-1	6/22/10		7.05	7.09	0.04						
S-1	6/30/10		7.05	7.09	0.04						
S-1	7/6/10		7.27	7.30	0.03						
S-1	7/13/10		7.27	7.35	0.08						
S-1	7/20/10		7.47	7.50	0.03						
S-1	7/27/10		6.95	7.00	0.05						
S-1	8/18/10		7.16	7.29	0.13						
S-1	8/24/10		7.29	7.41	0.12						
S-1	8/31/10		7.57	7.72	0.15						
S-1	9/21/10		7.58	7.61	0.03						
S-1	9/30/10		7.32	7.35	0.03						
S-1	10/12/10		7.87	8.19	0.32						
S-1	11/3/10		7.90	8.36	0.46						
S-1	11/15/10		7.93	8.35	0.42						
S-1	12/2/10		7.93	8.58	0.65						
S-1	12/10/10		7.97	8.54	0.57						
S-1	12/22/10		7.90	8.48	0.58						
S-1	12/27/10		7.92	8.50	0.58						
S-1	1/5/11		7.58	8.00	0.42						
S-1	5-Jan-11^		9.56	9.63	0.07						
S-1	1/10/11		8.17	8.90	0.73						
S-1	1/13/11		8.22	8.96	0.74						
S-1	13-Jan-11^		9.00	9.02	0.02						
S-1	1/17/11		9.02	9.30	0.28						
S-1	1/28/11		8.44	8.75	0.31						
S-1	28-Jan-11^		10.32	10.40	0.08						
S-1	2/7/11		8.89	9.00	0.11						
S-1	2/22/11		7.85	7.91	0.06						
S-1	3/2/11		6.92	7.00	0.08						
S-1	3/7/11		6.99	7.04	0.05						
S-1	3/14/11		6.77	6.81	0.04						
S-1	3/21/11			6.57							
S-1	3/28/11		6.65	6.69	0.04						
S-1	4/5/11		6.94	6.97	0.03						

Table 1

Groundwater Elevations and Analytical Results

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

							COCs and Groundwater Remediation Objectives				
Tier 1 Exposure Routes							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
Sample ID	Date Sampled	Reference Elevation (feet)	Static Depth to Free Product (feet below TOC)	Static Depth to Water (feet below TOC)	Free Product Thickness (feet)	Groundwater Elevation (feet)					
S-1	4/12/11		6.90	6.94	0.04						
S-1	4/14/11		6.97	7.02	0.05						
S-1	4/19/11		6.58	6.60	0.02						
S-1	4/26/11			6.28							
S-1	5/5/11		6.65	6.67	0.02						
S-1	5/11/11		6.92	6.94	0.02						
S-1	5/17/11		7.00	7.02	0.02						
S-1	5/23/11		6.99	7.00	0.01						
S-1	6/2/11		6.58	6.59	0.01						
S-1	6/27/11		7.08	7.10	0.02						
S-1	7/6/11		7.38	7.40	0.02						
S-1	7/18/11		7.71	7.74	0.03						
S-1	7/26/11		7.11	7.12	0.01						
S-1	8/2/11		7.03	7.05	0.02						
S-1	8/9/11		7.02	7.03	0.01						
S-1	8/15/11		7.15	7.17	0.02						
S-1	8/22/11		7.10	7.12	0.02						
S-1	8/29/11		7.13	7.14	0.01						
S-1	9/13/11		7.60	7.64	0.04						
S-1	9/20/11		7.51	7.53	0.02						
S-1	9/27/11			6.85							
S-1	10/3/11		6.99	7.00	0.01						
S-1	10/11/11		7.03	7.04	0.01						
S-1	10/18/11		7.36	7.38	0.02						
S-1	10/25/11		7.32	7.33	0.01						
S-1	11/4/11		7.32	7.33	0.01						
S-1	11/10/11		6.99	7.00	0.01						
S-1	11/21/11		Sheen	7.25	Sheen						
S-1	11/30/11			7.14							
S-1	12/6/11		7.17	7.18	0.01						
S-1	12/12/11			7.20							
S-1	12/19/11		Heavy sheen	7.16	Heavy sheen						
S-1	12/29/11			7.24							
S-1	1/9/12			7.42							
S-1	1/17/12			7.55							
S-1	1/23/12		Sheen	7.16	Sheen						
S-1	1/31/12		Sheen	7.26	Sheen						
S-1	2/6/12		Sheen	7.35	Sheen						
S-1	2/13/12		Sheen	7.44	Sheen						
S-1	2/21/12		Sheen	7.43	Sheen						
S-1	2/28/12		Sheen	7.18	Sheen						
S-1	3/9/12		Sheen	7.13	Sheen						
S-1	3/23/12		Sheen	7.09	Sheen						
S-1	3/27/12		Sheen	6.99	Sheen						
S-1	4/5/12			7.25							
S-1	4/10/12		Sheen	7.38	Sheen						
S-1	4/16/12			7.12							
S-1	4/24/12		Sheen	7.19	Sheen						
S-1	5/4/12		Sheen	7.12	Sheen						
S-1	5/10/12		Sheen	7.07	Sheen						
S-1	5/16/12		Sheen	7.22	Sheen						
S-1	5/25/12		Sheen	7.28	Sheen						
S-1	5/29/12			7.42							
S-1	6/8/12		Sheen	7.18	Sheen						
S-1	6/14/12			7.41							
S-1	6/19/12			7.42							
S-1	6/29/12		Sheen	7.76	Sheen						
S-1	7/3/12		Sheen	7.78	Sheen						
S-1	7/11/12			8.03							
S-1	7/16/12		Sheen	8.13	Sheen						
S-1	8/1/12		Sheen	7.30	Sheen						
S-1	8/10/12		Sheen	7.69	Sheen						
S-1	9/7/12		Sheen	8.05	Sheen						
S-1	9/13/12		Sheen	8.05	Sheen						
S-1	10/3/12		Sheen	8.39	Sheen						
S-1	11/27/12		Sheen	8.35	Sheen						
S-1	12/3/12		Sheen	8.62	Sheen						
S-1	12/6/12		Sheen	8.65	Sheen						
S-1	12/10/13		Sheen	8.77	Sheen						
S-1	12/14/12		Sheen	8.75	Sheen						

Table 1

Groundwater Elevations 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
Sample ID	Date Sampled	Reference Elevation (feet)	Static Depth to Free Product (feet below TOC)	Static Depth to Water (feet below TOC)	Free Product Thickness (feet)	Groundwater Elevation (feet)					
S-1	12/18/12		Sheen	8.60	Sheen						
S-1	12/27/12		Sheen	8.21	Sheen						
S-1	1/7/13		Sheen	8.44	Sheen						
S-1	1/14/13		Sheen	8.34	Sheen						
S-1	1/21/13		Sheen	8.38	Sheen						
S-1	1/28/13		Sheen	8.45	Sheen						
S-1	2/6/13		Sheen	7.65	Sheen						
S-1	2/11/13		Sheen	7.02	Sheen						
S-1	2/18/13		Sheen	7.47	Sheen						
S-1	2/27/13		Sheen	7.58	Sheen						
S-1	3/4/13		Sheen	7.64	Sheen						
S-1	3/25/13		Sheen	7.31	Sheen						
S-1	4/4/13		Sheen	7.35	Sheen						
S-1	4/8/13		Sheen	7.40	Sheen						
S-1	4/15/13		Sheen	6.80	Sheen						
S-1	4/22/13		Sheen	5.83	Sheen						
S-1	5/8/13		Sheen	6.74	Sheen						
S-1	5/23/13		Sheen	6.95	Sheen						
S-1	7/3/13		Sheen	6.47	Sheen						
S-2	7/16/09		7.59	7.62	0.03						
S-2	7/27/09		7.56	7.64	0.08						
S-2	8/11/09		7.70	7.81	0.11						
S-2	8/18/09		7.68	7.80	0.12						
S-2	8/25/09		7.61	7.71	0.10						
S-2	9/1/09		7.00	7.01	0.01						
S-2	9/10/09		7.62	7.67	0.05						
S-2	9/17/09			7.85							
S-2	9/24/09		7.73	7.79	0.06						
S-2	10/1/09		7.89	7.91	0.02						
S-2	10/7/09		7.50	7.55	0.05						
S-2	10/23/09		6.86	6.87	0.01						
S-2	10/28/09		6.99	7.02	0.03						
S-2	11/9/09		7.41	7.47	0.06						
S-2	11/24/09		7.78	7.85	0.07						
S-2	12/3/09		7.49	7.54	0.05						
S-2	12/8/09		7.63	7.70	0.07						
S-2	12/17/09		7.39	7.45	0.06						
S-2	12/22/09		7.54	7.61	0.07						
S-2	12/28/09		6.61	6.65	0.04						
S-2	1/6/10		7.23	7.30	0.07						
S-2	1/11/10		7.47	7.52	0.05						
S-2	1/19/10		7.62	7.68	0.06						
S-2	1/25/10		7.08	7.10	0.02						
S-2	2/2/10		7.34	7.39	0.05						
S-2	2/8/10		7.45	7.52	0.07						
S-2	2/16/10		7.65	7.73	0.08						
S-2	2/22/10		7.52	7.55	0.03						
S-2	3/1/10		7.43	7.49	0.06						
S-2	3/8/10		7.51	7.57	0.06						
S-2	3/18/10		6.85	6.89	0.04						
S-2	3/24/10		6.85	6.88	0.03						
S-2	3/29/10		7.08	7.12	0.04						
S-2	4/21/10		7.37	7.41	0.04						
S-2	4/27/10		7.27	7.31	0.04						
S-2	5/4/10		7.36	7.39	0.03						
S-2	5/10/10		7.21	7.24	0.03						
S-2	5/19/10		6.67	6.71	0.04						
S-2	5/25/10		6.93	7.02	0.09						
S-2	6/2/10		7.00	7.10	0.10						
S-2	6/8/10		6.99	7.04	0.05						
S-2	6/16/10		7.09	7.12	0.03						
S-2	6/22/10		7.12	7.16	0.04						
S-2	6/30/10		7.13	7.17	0.04						
S-2	7/6/10		7.36	7.39	0.03						
S-2	7/13/10		7.35	7.43	0.08						
S-2	7/20/10		7.55	7.63	0.08						
S-2	7/27/10		7.03	7.09	0.06						
S-2	8/18/10		7.25	7.36	0.11						
S-2	8/24/10		7.37	7.49	0.12						
S-2	8/30/10		7.60	7.75	0.15						

Table 1

Groundwater Elevations 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
Sample ID	Date Sampled	Reference Elevation (feet)	Static Depth to Free Product (feet below TOC)	Static Depth to Water (feet below TOC)	Free Product Thickness (feet)	Groundwater Elevation (feet)					
S-2	9/21/10		7.67	7.86	0.19						
S-2	9/30/10		7.71	7.74	0.03						
S-2	10/12/10		7.95	8.26	0.31						
S-2	11/3/10		7.96	8.44	0.48						
S-2	11/15/10		7.93	8.42	0.49						
S-2	12/2/10		7.96	8.65	0.69						
S-2	12/10/10		8.02	8.63	0.61						
S-2	12/22/10		8.01	8.49	0.48						
S-2	12/27/10		8.03	8.60	0.57						
S-2	1/5/11		7.67	8.05	0.38						
S-2	5-Jan-11^		8.90	9.09	0.19						
S-2	1/10/11		8.25	8.97	0.72						
S-2	1/13/11		8.22	8.98	0.76						
S-2	13-Jan-11^			9.02							
S-2	1/17/11		9.09	9.39	0.30						
S-2	1/28/11		8.53	8.85	0.32						
S-2	28-Jan-11^		9.83	9.99	0.16						
S-2	2/7/11		8.94	9.05	0.11						
S-2	2/22/11		6.93	6.98	0.05						
S-2	3/2/11		7.00	7.06	0.06						
S-2	3/7/11		7.05	7.09	0.04						
S-2	3/14/11		6.85	6.89	0.04						
S-2	3/21/11			6.65							
S-2	3/28/11		6.74	6.77	0.03						
S-2	4/5/11		7.02	7.06	0.04						
S-2	4/12/11		6.98	7.02	0.04						
S-2	4/14/11		7.06	7.11	0.05						
S-2	4/19/11		6.60	6.61	0.01						
S-2	4/26/11			6.35							
S-2	5/5/11		6.73	6.76	0.03						
S-2	5/11/11		7.02	7.06	0.04						
S-2	5/17/11		7.03	7.05	0.02						
S-2	5/23/11		7.09	7.10	0.01						
S-2	6/2/11		6.56	6.58	0.02						
S-2	6/27/11		7.16	7.18	0.02						
S-2	7/6/11		7.45	7.49	0.04						
S-2	7/18/11		7.80	7.83	0.03						
S-2	7/26/11		7.18	7.19	0.01						
S-2	8/2/11		7.12	7.14	0.02						
S-2	8/9/11		7.10	7.12	0.02						
S-2	8/15/11		7.25	7.27	0.02						
S-2	8/22/11		7.18	7.20	0.02						
S-2	8/29/11		7.21	7.22	0.01						
S-2	9/13/11		7.68	7.70	0.02						
S-2	9/20/11		7.59	7.61	0.02						
S-2	9/27/11		6.91	6.92	0.01						
S-2	10/3/11		7.04	7.05	0.01						
S-2	10/11/11		7.07	7.08	0.01						
S-2	10/18/11		7.45	7.47	0.02						
S-2	10/25/11		7.39	7.41	0.02						
S-2	11/4/11		7.41	7.42	0.01						
S-2	11/10/11		7.02	7.03	0.01						
S-2	11/21/11		Sheen	7.33	Sheen						
S-2	11/30/11		7.22	7.26	0.04						
S-2	12/6/11		7.14	7.15	0.01						
S-2	12/12/11		7.28	7.29	0.01						
S-2	12/29/11		7.23	7.24	0.01						
S-2	1/9/12			9.50							
S-2	1/17/12			8.96							
S-2	1/31/12		Sheen	7.34	Sheen						
S-2	2/6/12		7.41	7.42	0.01						
S-2	2/13/12		Sheen	7.53	Sheen						
S-2	2/21/12		Sheen	7.51	Sheen						
S-2	2/28/12		Sheen	7.28	Sheen						
S-2	3/9/12		Sheen	7.20	Sheen						
S-2	3/23/12		Sheen	7.13	Sheen						
S-2	3/27/12			7.09							
S-2	4/5/12			7.33							
S-2	4/10/12		7.46	7.47	0.01						
S-2	4/16/12		Sheen	7.21	Sheen						

Table 1

Groundwater Elevations 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
Sample ID	Date Sampled	Reference Elevation (feet)	Static Depth to Free Product (feet below TOC)	Static Depth to Water (feet below TOC)	Free Product Thickness (feet)	Groundwater Elevation (feet)					
S-2	4/24/12		Sheen	7.26	Sheen						
S-2	5/4/12		Sheen	7.20	Sheen						
S-2	5/10/12		Sheen	7.15	Sheen						
S-2	5/16/12		Sheen	7.30	Sheen						
S-2	5/25/12		Sheen	7.34	Sheen						
S-2	5/29/12		7.50	7.51	0.01						
S-2	6/8/12		Sheen	7.26	Sheen						
S-2	6/14/12		7.49	7.50	0.01						
S-2	6/19/12		7.51	7.52	0.01						
S-2	6/29/12		Sheen	7.83	Sheen						
S-2	7/3/12		Sheen	7.86	Sheen						
S-2	7/11/12		Sheen	8.11	Sheen						
S-2	7/16/12		Sheen	8.22	Sheen						
S-2	8/1/12		Sheen	7.38	Sheen						
S-2	8/10/12		Sheen	7.78	Sheen						
S-2	9/7/12		Sheen	8.14	Sheen						
S-2	9/13/12		Sheen	8.13	Sheen						
S-2	10/3/12		Sheen	8.47	Sheen						
S-2	11/27/12		Sheen	8.61	Sheen						
S-2	12/3/12		Sheen	8.68	Sheen						
S-2	12/6/12		Sheen	8.73	Sheen						
S-2	12/10/12		Sheen	8.86	Sheen						
S-2	12/14/12		Sheen	8.82	Sheen						
S-2	12/18/12		Sheen	8.69	Sheen						
S-2	12/27/12		Sheen	8.30	Sheen						
S-2	1/7/13		Sheen	8.51	Sheen						
S-2	1/14/13		Sheen	8.41	Sheen						
S-2	1/21/13		Sheen	8.47	Sheen						
S-2	1/28/13		Sheen	8.59	Sheen						
S-2	2/6/13		Sheen	8.75	Sheen						
S-2	2/11/13		Sheen	7.11	Sheen						
S-2	2/18/13		Sheen	7.55	Sheen						
S-2	2/27/13		Sheen	7.65	Sheen						
S-2	3/4/13		Sheen	7.73	Sheen						
S-2	3/25/13		Sheen	7.41	Sheen						
S-2	4/4/13		Sheen	7.46	Sheen						
S-2	4/8/13		Sheen	7.49	Sheen						
S-2	4/15/13		Sheen	6.83	Sheen						
S-2	4/22/13		Sheen	5.92	Sheen						
S-2	5/8/13		Sheen	6.82	Sheen						
S-2	5/23/13		Sheen	7.03	Sheen						
S-2	7/3/13		Sheen	6.55	Sheen						
S-3	7/27/09		7.56	7.59	0.03						
S-3	8/11/09		7.69	7.81	0.12						
S-3	8/18/09		7.69	7.80	0.11						
S-3	8/25/09		7.61	7.71	0.10						
S-3	9/1/09		7.03	7.08	0.05						
S-3	9/10/09		7.66	7.68	0.02						
S-3	9/17/09			7.88							
S-3	9/24/09		7.74	7.80	0.06						
S-3	10/1/09		7.88	7.89	0.01						
S-3	10/7/09		7.50	7.51	0.01						
S-3	10/23/09		6.26	6.27	0.01						
S-3	10/28/09		6.97	7.02	0.05						
S-3	11/9/09		7.40	7.45	0.05						
S-3	11/24/09		7.76	7.86	0.10						
S-3	12/3/09		7.49	7.55	0.06						
S-3	12/8/09		7.64	7.70	0.06						
S-3	12/17/09		7.39	7.47	0.08						
S-3	12/22/09		7.53	7.59	0.06						
S-3	12/28/09		6.61	6.67	0.06						
S-3	1/6/10		7.23	7.31	0.08						
S-3	1/11/10		7.47	7.54	0.07						
S-3	1/19/10		7.62	7.70	0.08						
S-3	1/25/10		7.08	7.11	0.03						
S-3	2/2/10		7.34	7.40	0.06						
S-3	2/8/10		7.45	7.52	0.07						
S-3	2/16/10		7.64	7.70	0.06						
S-3	2/22/10		7.52	7.54	0.02						
S-3	3/1/10		7.42	7.47	0.05						

Table 1

Groundwater Elevations 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
Sample ID	Date Sampled	Reference Elevation (feet)	Static Depth to Free Product (feet below TOC)	Static Depth to Water (feet below TOC)	Free Product Thickness (feet)	Groundwater Elevation (feet)					
S-3	3/8/10		7.51	7.57	0.06						
S-3	3/18/10		6.88	6.91	0.03						
S-3	3/24/10		6.83	6.87	0.04						
S-3	3/29/10		7.11	7.15	0.04						
S-3	4/21/10		7.37	7.42	0.05						
S-3	4/27/10		7.29	7.32	0.03						
S-3	5/4/10		7.37	7.40	0.03						
S-3	5/10/10		7.24	7.27	0.03						
S-3	5/19/10		6.67	6.72	0.05						
S-3	5/25/10		6.94	7.03	0.09						
S-3	6/2/10		7.01	7.11	0.10						
S-3	6/8/10		7.00	7.05	0.05						
S-3	6/16/10		7.09	7.13	0.04						
S-3	6/22/10		7.13	7.14	0.01						
S-3	6/30/10		7.12	7.16	0.04						
S-3	7/6/10		7.35	7.38	0.03						
S-3	7/13/10		7.34	7.42	0.08						
S-3	7/20/10		7.55	7.63	0.08						
S-3	7/27/10		7.03	7.09	0.06						
S-3	8/18/10		7.28	7.40	0.12						
S-3	8/24/10		7.38	7.50	0.12						
S-3	8/31/10		7.59	7.74	0.15						
S-3	9/21/10		7.68	7.85	0.17						
S-3	9/30/10		7.72	7.75	0.03						
S-3	10/12/10		7.95	8.24	0.29						
S-3	11/3/10		7.97	8.44	0.47						
S-3	11/15/10		7.96	8.42	0.46						
S-3	12/2/10		7.96	8.66	0.70						
S-3	12/10/10		8.03	8.64	0.61						
S-3	12/22/10		8.01	8.49	0.48						
S-3	12/27/10		8.03	8.60	0.57						
S-3	1/5/11		7.67	8.06	0.39						
S-3	5-Jan-11^		8.87	9.03	0.16						
S-3	1/10/11		8.25	8.98	0.73						
S-3	1/13/11		8.22	8.96	0.74						
S-3	13-Jan-11^		9.82	10.08	0.26						
S-3	1/17/11		9.10	9.39	0.29						
S-3	1/28/11		8.55	8.84	0.29						
S-3	28-Jan-11^		10.07	10.21	0.14						
S-3	2/7/11		8.96	9.07	0.11						
S-3	2/22/11		6.93	6.99	0.06						
S-3	3/2/11		7.02	7.06	0.04						
S-3	3/7/11		7.04	7.08	0.04						
S-3	3/14/11		6.85	6.90	0.05						
S-3	3/21/11		6.65	6.66	0.01						
S-3	3/28/11		6.74	6.78	0.04						
S-3	4/5/11		7.02	7.07	0.05						
S-3	4/12/11		6.98	7.02	0.04						
S-3	4/14/11		7.07	7.11	0.04						
S-3	4/19/11		6.59	6.60	0.01						
S-3	4/26/11			6.36							
S-3	5/5/11		6.74	6.78	0.04						
S-3	5/11/11		7.00	7.05	0.05						
S-3	5/17/11		7.03	7.06	0.03						
S-3	5/23/11		7.08	7.09	0.01						
S-3	6/2/11		6.56	6.58	0.02						
S-3	6/27/11		7.16	7.18	0.02						
S-3	7/6/11		7.46	7.50	0.04						
S-3	7/18/11		7.80	7.83	0.03						
S-3	7/26/11		7.18	7.19	0.01						
S-3	8/2/11		7.12	7.14	0.02						
S-3	8/9/11		7.10	7.12	0.02						
S-3	8/15/11		7.25	7.27	0.02						
S-3	8/22/11		7.18	7.20	0.02						
S-3	8/29/11		7.21	7.22	0.01						
S-3	9/13/11		7.68	7.70	0.02						
S-3	9/20/11		7.59	7.61	0.02						
S-3	9/27/11		6.91	6.92	0.01						
S-3	10/3/11		7.04	7.05	0.01						
S-3	10/11/11		7.07	7.08	0.01						

Table 1

Groundwater Elevations 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
Sample ID	Date Sampled	Reference Elevation (feet)	Static Depth to Free Product (feet below TOC)	Static Depth to Water (feet below TOC)	Free Product Thickness (feet)	Groundwater Elevation (feet)					
S-3	10/18/11		7.45	7.47	0.02						
S-3	10/25/11		7.39	7.41	0.02						
S-3	11/4/11		7.41	7.42	0.01						
S-3	11/10/11		7.02	7.03	0.01						
S-3	11/4/11		Sheen	7.34	Sheen						
S-3	11/30/11		7.25	7.26	0.01						
S-3	12/6/11		7.14	7.15	0.01						
S-3	12/12/11		7.28	7.29	0.01						
S-3	12/19/11		7.23	7.24	0.01						
S-3	1/9/12			9.50							
S-3	1/17/12			8.96							
S-3	1/23/12			7.25							
S-3	1/31/12		Sheen	7.34	Sheen						
S-3	2/6/12		7.41	7.42	0.01						
S-3	2/13/12		Sheen	7.53	Sheen						
S-3	2/21/12		Sheen	7.51	Sheen						
S-3	2/28/12		Sheen	7.28	Sheen						
S-3	3/9/12		Sheen	7.20	Sheen						
S-3	3/23/12		Sheen	7.13	Sheen						
S-3	3/27/12			7.10							
S-3	4/5/12			7.33							
S-3	4/10/12		7.46	7.47	0.01						
S-3	4/16/12		Sheen	7.21	Sheen						
S-3	4/16/12		Sheen	7.26	Sheen						
S-3	5/4/12		Sheen	7.20	Sheen						
S-3	5/10/12		Sheen	7.15	Sheen						
S-3	5/16/12		Sheen	7.30	Sheen						
S-3	5/25/12		Sheen	7.34	Sheen						
S-3	5/29/12		7.50	7.51	0.01						
S-3	6/8/12		Sheen	7.26	Sheen						
S-3	6/14/12		7.49	7.50	0.01						
S-3	6/19/12		7.51	7.52	0.01						
S-3	6/29/12		Sheen	7.83	Sheen						
S-3	7/3/12		Sheen	7.86	Sheen						
S-3	7/11/12		Sheen	8.11	Sheen						
S-3	7/16/12		Sheen	8.22	Sheen						
S-3	8/1/12		Sheen	7.38	Sheen						
S-3	8/10/12		Sheen	7.78	Sheen						
S-3	9/7/12		Sheen	8.14	Sheen						
S-3	9/13/12		Sheen	8.13	Sheen						
S-3	10/3/12		Sheen	8.47	Sheen						
S-3	11/27/12		Sheen	8.62	Sheen						
S-3	12/3/12		Sheen	8.68	Sheen						
S-3	12/6/12		Sheen	8.73	Sheen						
S-3	12/10/12		Sheen	8.87	Sheen						
S-3	12/14/12		Sheen	8.82	Sheen						
S-3	12/18/12		Sheen	8.69	Sheen						
S-3	12/28/12		Sheen	8.31	Sheen						
S-3	1/7/13		Sheen	8.51	Sheen						
S-3	1/14/13		Sheen	8.41	Sheen						
S-3	1/21/13		Sheen	8.48	Sheen						
S-3	1/28/13		Sheen	8.58	Sheen						
S-3	2/6/13		Sheen	8.75	Sheen						
S-3	2/11/13		Sheen	7.11	Sheen						
S-3	2/18/13		Sheen	7.56	Sheen						
S-3	2/27/13		Sheen	7.65	Sheen						
S-3	3/4/13		Sheen	7.73	Sheen						
S-3	3/25/13		Sheen	7.41	Sheen						
S-3	4/4/13		Sheen	7.46	Sheen						
S-3	4/8/13		Sheen	7.49	Sheen						
S-3	4/15/13		Sheen	6.83	Sheen						
S-3	4/22/13		Sheen	5.92	Sheen						
S-3	5/8/13		Sheen	6.82	Sheen						
S-3	5/23/13		Sheen	7.03	Sheen						
S-3	7/3/13		Sheen	6.55	Sheen						
SUMP	6/22/10			4.38							
SUMP	6/30/10			4.36							
SUMP	7/6/10			4.37							
SUMP	7/13/10			4.36							
SUMP	7/20/10			4.29							

Table 1

Groundwater Elevations 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
Sample ID	Date Sampled	Reference Elevation (feet)	Static Depth to Free Product (feet below TOC)	Static Depth to Water (feet below TOC)	Free Product Thickness (feet)	Groundwater Elevation (feet)					
SUMP	7/27/10			4.20							
SUMP	8/18/10			4.42							
SUMP	8/24/10			4.40							
SUMP	8/31/10			4.38							
SUMP	9/21/10			4.35							
SUMP	9/30/10			4.40							
SUMP	10/12/10			4.45							
SUMP	11/3/10			4.54							
SUMP	11/15/10			4.66							
SUMP	12/2/10			4.70							
SUMP	12/10/10			4.68							
SUMP	1/10/11			7.88							
SUMP	3/2/11			4.42							
SUMP	3/7/11			4.38							

Notes:

1) GCGIER = groundwater component of the groundwater ingestion exposure route
2) COCs = constituents of concern
3) mg/L = milligrams per Liter
4) TOC = top-of-casing
5) <0.005 = concentration less than the laboratory reporting limit
6.) **Bold** = a concentration above the Tier 1 groundwater remediation objective(s) established in 35 Illinois Administrative Code Part 742
7) 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
8) 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
9) Groundwater elevations are relative to a site specific datum of 100 feet
10) ^ = Gauging performed after high vacuum extraction event

Table 2

Free Product Recovery by Bailing

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

Well ID	Date	Depth to Free Product (feet below TOC)	Depth to Water (feet below TOC)	Free Product Thickness (feet)	Total Liquids Recovered (Gallons)	Estimated Free Product Recovered (Gallons)
MW-26	12/2/10	7.73	8.34	0.61	0.50	0.13
MW-26	12/10/10	7.75	8.21	0.46	0.25	0.06
MW-26	12/22/10	7.81	8.58	0.77	0.25	0.06
MW-26	12/27/10	7.82	8.63	0.81	0.50	0.13
MW-26	1/17/11	7.99	8.43	0.44	0.25	0.06
MW-26	11/27/12	8.21	9.19	0.98	1.00	0.03
MW-26	12/3/12	8.23	9.31	1.08	1.75	0.09
MW-26	1/7/13	8.37	8.54	0.17	0.50	0.01
MW-26	1/14/13	8.15	8.33	0.18	1.50	0.08
MW-26	1/21/13	8.30	8.69	0.39	2.00	0.06
MW-27	1/5/09	7.25	7.35	0.10	4.00	0.01
MW-27	1/6/09	7.30	7.36	0.06	1.00	0.01
MW-27	11/15/10	7.58	8.37	0.79	0.25	0.06
MW-27	12/2/10	7.67	8.38	0.71	0.50	0.13
MW-27	12/10/10	7.63	8.40	0.77	0.50	0.13
MW-27	12/22/10	7.71	8.66	0.95	0.25	0.06
MW-27	12/27/10	7.74	8.63	0.89	0.75	0.19
MW-27	1/17/11	7.74	8.63	0.89	0.25	0.06
MW-27	3/2/11	7.22	7.31	0.09	0.25	0.05
MW-27	3/2/11	7.50	7.61	0.11	1.00	0.05
MW-27	3/7/11	7.55	7.62	0.07	0.50	0.05
MW-27	7/26/11	7.42	7.49	0.07	0.25	0.01
MW-27	7/3/12	7.89	7.93	0.04	0.50	0.03
MW-27	10/3/12	7.98	8.94	0.96	1.00	0.10
MW-27	11/27/12	8.02	9.00	0.98	1.00	0.10
MW-27	12/3/12	8.03	9.10	1.07	0.75	0.04
MW-27	12/18/12	7.98	8.60	0.62	2.00	0.40
MW-27	12/27/12	7.98	8.11	0.13	0.50	0.01
MW-27	1/28/13	8.08	8.83	0.75	1.00	0.05
MW-27	2/6/13	7.95	8.05	0.10	2.00	0.02
MW-29	12/8/09	7.86	8.74	0.88	0.13	0.01
MW-29	12/17/09	7.90	8.60	0.70	0.13	0.01
MW-29	12/22/09	7.95	8.80	0.85	0.13	0.01
MW-29	12/28/09	7.61	7.63	0.02	0.13	0.01
MW-29	1/6/10	7.80	8.73	0.93	0.07	0.03
MW-29	1/11/10	7.80	9.17	1.37	0.05	0.01
MW-29	1/19/10	7.85	9.20	1.35	0.07	0.01
MW-29	2/2/10	7.82	8.77	0.95	0.50	0.50
MW-29	2/8/10	7.85	8.89	1.04	0.25	0.13
MW-29	2/16/10	7.93	8.97	1.04	0.51	0.38
MW-29	2/22/10	7.85	8.45	0.60	0.20	0.10
MW-29	3/1/10	7.87	8.64	0.77	0.13	0.13
MW-29	3/8/10	7.71	8.16	0.45	0.13	0.13
MW-29	12/2/10	8.25	8.56	0.31	0.25	0.06
MW-29	12/10/10	8.29	8.52	0.23	0.25	0.06
MW-29	12/28/10	8.12	8.45	0.33	0.25	0.06
MW-29	3/7/11	7.78	7.86	0.08	0.50	0.05
MW-29	3/14/11	7.70	8.29	0.59	0.75	0.23
MW-29	12/6/11	7.81	8.11	0.30	0.50	0.15
MW-29	12/12/11	7.89	8.49	0.60	1.50	0.15
MW-29	12/19/11	7.86	8.23	0.37	1.00	0.05
MW-29	12/29/11	7.93	8.19	0.26	0.25	0.03
MW-29	1/17/12	7.83	7.88	0.05	0.50	0.05
MW-29	1/23/12	7.86	8.38	0.52	0.50	0.05
MW-29	1/31/12	7.90	8.45	0.55	1.00	0.15
MW-29	2/6/12	7.88	8.38	0.50	1.00	0.10
MW-29	2/13/12	7.94	8.73	0.79	1.00	0.20
MW-29	2/21/12	8.00	8.68	0.68	1.00	0.10

Table 2

Free Product Recovery by Bailing

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

Well ID	Date	Depth to Free Product (feet below TOC)	Depth to Water (feet below TOC)	Free Product Thickness (feet)	Total Liquids Recovered (Gallons)	Estimated Free Product Recovered (Gallons)
MW-29	2/28/12	7.85	8.22	0.37	1.00	0.10
MW-29	12/3/12	7.96	8.50	0.54	0.75	0.04
MW-29	12/27/12	7.78	8.02	0.24	1.00	0.01
MW-29	1/14/13	7.75	7.78	0.03	0.25	0.01
MW-29	2/6/13	7.65	8.24	0.59	1.00	0.02
MW-29	2/11/13	7.34	7.35	0.01	1.00	0.01
MW-29	2/18/13	7.51	7.78	0.27	2.00	0.02
MW-29	2/27/13	7.58	7.72	0.14	1.00	0.01
MW-29	3/4/13	7.55	7.57	0.02	0.50	0.01
MW-29	4/8/13	7.54	7.56	0.02	0.25	0.01
MW-30	7/20/10	7.60	8.38	0.78	0.50	0.25
MW-30	11/15/10	7.50	8.43	0.93	0.50	0.50
MW-30	12/2/10	7.74	8.59	0.85	0.50	0.13
MW-30	12/10/10	7.71	8.55	0.84	0.50	0.13
MW-30	12/22/10	7.90	8.89	0.99	0.50	0.13
MW-30	12/27/10	7.84	8.82	0.98	1.00	0.25
MW-30	1/17/11	7.88	8.84	0.96	0.50	0.13
MW-30	2/7/11	7.97	9.09	1.12	1.00	0.25
MW-30	4/5/11	7.56	7.58	0.02	0.50	0.05
MW-30	10/3/12	8.28	8.46	0.18	0.50	0.03
MW-30	11/27/12	8.21	8.97	0.76	0.75	0.04
MW-30	12/3/12	8.22	9.00	0.78	0.50	0.03
MW-30	12/18/12	8.06	8.86	0.80	2.00	0.40
MW-30	12/27/12	8.07	8.40	0.33	1.00	0.01
MW-30	1/7/13	8.21	8.84	0.63	2.00	0.10
MW-30	1/14/13	8.07	8.55	0.48	2.00	0.04
MW-30	1/21/13	8.21	8.68	0.47	1.50	0.03
MW-30	1/28/13	8.29	8.68	0.39	2.00	0.06
MW-30	2/11/13	7.70	7.80	0.10	1.00	0.05
MW-31	12/8/09	7.81	7.90	0.09	0.13	0.01
MW-31	12/17/09	7.67	7.69	0.02	0.13	0.01
MW-31	12/22/09	7.80	8.13	0.33	0.13	0.01
MW-31	12/28/09	7.95	8.03	0.08	0.13	0.01
MW-31	1/6/10	7.47	7.57	0.10	0.06	0.01
MW-31	1/11/10	7.40	7.50	0.10	0.10	0.01
MW-31	12/2/10	7.76	8.13	0.37	0.25	0.06
MW-31	12/10/10	7.73	8.10	0.37	0.25	0.06
MW-31	1/17/11	8.02	8.51	0.49	0.50	0.13
MW-31	3/2/11	7.77	7.80	0.03	1.03	0.08
MW-31	3/7/11	7.62	7.71	0.09	0.50	0.05
MW-31	1/31/12	7.51	7.59	0.08	0.50	0.03
MW-31	2/6/12	7.56	7.59	0.03	0.50	0.01
MW-31	2/13/12	7.65	7.77	0.12	0.50	0.05
MW-31	2/28/12	7.49	7.52	0.03	0.25	0.01
MW-31	12/3/12	8.22	8.57	0.35	0.50	0.01
MW-31	12/18/12	8.27	8.55	0.28	2.00	0.20
MW-31	12/27/12	8.22	8.30	0.08	0.50	0.01
MW-31	2/6/13	8.00	8.08	0.08	2.00	0.02
RW-3	12/8/09	7.42	7.45	0.03	0.26	0.01
RW-3	12/17/09	7.42	7.51	0.09	0.13	0.01
RW-3	12/22/09	7.65	7.80	0.15	0.13	0.01
RW-3	12/28/09	7.16	7.19	0.03	0.25	0.01
RW-3	1/6/10	7.58	7.65	0.07	0.10	0.01
RW-3	1/11/10	7.50	7.55	0.05	0.06	0.01
RW-3	1/19/10	7.52	7.54	0.02	0.05	0.01
RW-3	2/16/10	7.56	7.57	0.01	0.26	0.13
RW-3	3/1/10		7.40		0.13	0.13
RW-3	3/8/10		7.52		0.13	0.13

Table 2

Free Product Recovery by Bailing

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

Well ID	Date	Depth to Free Product (feet below TOC)	Depth to Water (feet below TOC)	Free Product Thickness (feet)	Total Liquids Recovered (Gallons)	Estimated Free Product Recovered (Gallons)
RW-3	2/7/11		7.83		0.26	0.13
RW-3	2/22/11	7.06	7.19	0.13	0.50	0.25
RW-3	3/2/11	7.45	7.49	0.04	1.03	0.08
RW-3	3/14/11	7.20	7.21	0.01	0.26	0.26
RW-3	11/27/12	7.47	8.40	0.93	1.00	0.05
RW-3	12/3/12	7.47	8.45	0.98	0.50	0.04
RW-3	12/18/12	7.40	8.05	0.65	2.00	0.40
RW-3	12/27/12	7.38	7.58	0.20	1.00	0.02
RW-3	1/28/13	7.51	8.17	0.66	2.00	0.10
RW-4	9/30/10	7.53	7.61	0.08	0.75	0.08
RW-4	12/2/10	7.65	8.35	0.70	0.50	0.13
RW-4	12/10/10	7.62	8.33	0.71	0.50	0.13
RW-4	12/22/10	7.75	8.62	0.87	0.50	0.13
RW-4	12/27/10	7.73	8.63	0.90	1.00	0.25
RW-4	12/29/10	8.32	8.65	0.33	0.25	0.06
RW-4	12/3/12	7.69	8.05	0.36	1.25	0.04
RW-5	12/8/09	7.38	8.25	0.87	0.25	0.01
RW-5	12/17/09	7.30	8.23	0.93	0.13	0.01
RW-5	12/22/09	7.33	8.45	1.12	0.13	0.01
RW-5	12/28/09	7.07	7.30	0.23	0.25	0.01
RW-5	1/6/10	7.40	7.88	0.48	0.10	0.01
RW-5	1/11/10	7.48	7.94	0.46	0.06	0.01
RW-5	1/19/10	7.54	7.87	0.33	0.26	0.01
RW-5	1/25/10	7.09	7.10	0.01	0.26	0.13
RW-5	2/8/10	7.53	8.10	0.57	0.13	0.06
RW-5	2/16/10	7.50	8.18	0.68	0.26	0.13
RW-5	2/22/10	7.39	7.78	0.39	0.38	0.19
RW-5	12/2/10	7.67	8.35	0.68	0.50	0.13
RW-5	12/10/10	7.66	8.21	0.55	0.50	0.13
RW-5	12/22/10	7.78	8.66	0.88	0.50	0.13
RW-5	12/27/10	7.76	8.65	0.89	1.00	0.25
RW-5	12/28/10	8.34	8.62	0.28	0.25	0.06
RW-5	1/17/11	7.94	8.34	0.40	0.25	0.06
RW-5	1/23/12	7.38	7.50	0.12	0.25	0.01
RW-5	1/31/12	7.35	7.44	0.09	0.50	0.03
RW-5	2/6/12	7.37	7.42	0.05	0.25	0.01
RW-5	2/21/12	7.45	7.70	0.25	0.25	0.03
RW-5	3/9/12	7.63	7.65	0.02	0.25	0.03
RW-5	12/3/12	7.60	8.35	0.75	1.75	0.09
RW-5	1/21/13	7.73	7.81	0.08	1.00	0.01
RW-5	1/28/13	7.83	7.84	0.01	0.25	0.01
RW-5	5/8/13	6.86	6.90	0.04	1.00	0.05
RW-6	9/30/10	7.35	7.72	0.37	3.00	1.50
RW-6	11/15/10	7.50	8.12	0.62	0.25	0.06
RW-6	12/2/10	7.50	8.09	0.59	0.50	0.13
RW-6	12/10/10	7.42	8.04	0.62	0.25	0.06
RW-6	12/22/10	7.60	8.20	0.60	0.50	0.13
RW-6	12/27/10	7.64	8.22	0.58	1.00	0.25
RW-6	12/28/10	8.18	8.20	0.02	0.25	0.06
RW-6	2/22/11	6.93	7.21	0.28	0.50	0.25
RW-6	3/2/11	7.11	7.31	0.20	2.00	0.20
RW-6	3/7/11	7.15	7.30	0.15	1.00	0.50
RW-6	3/14/11	7.09	7.17	0.08	1.50	0.15
RW-6	3/28/11	7.02	7.05	0.03	0.50	0.05
RW-6	4/5/11	7.15	7.19	0.04	0.50	0.03
RW-6	11/27/12	7.12	8.09	0.97	2.00	0.20
RW-6	12/3/12	7.16	8.13	0.97	1.75	0.14
RW-6	12/18/12	7.05	7.70	0.65	4.00	0.80

Table 2

Free Product Recovery by Bailing

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

Well ID	Date	Depth to Free Product (feet below TOC)	Depth to Water (feet below TOC)	Free Product Thickness (feet)	Total Liquids Recovered (Gallons)	Estimated Free Product Recovered (Gallons)
RW-6	12/27/12	7.00	7.40	0.40	1.50	0.03
RW-6	2/6/13	6.99	7.00	0.01	0.26	0.19
RW-6	2/11/13		6.70		0.26	0.15
RW-6	2/27/13	6.86	6.87		0.26	0.13
RW-6	3/4/13	6.86	6.87	0.01	0.26	0.13
RW-6	4/22/13		9.02		0.26	0.13
RW-6	5/8/13		6.47		0.26	0.13
RW-6	5/23/13	Sheen	6.53	Sheen	0.26	0.07
RW-8	12/3/12	7.00	8.25	1.25	2.00	0.80
RW-8	12/18/12	6.95	7.75	0.80	4.00	1.60
RW-8	12/27/12	6.97	7.35	0.38	1.00	0.02
RW-8	1/7/13	7.02	7.22	0.20	6.00	0.80
RW-8	1/14/13		6.95		4.00	0.20
RW-8	1/21/13	6.99	7.80	0.81	4.00	0.08
S-1	1/5/09	6.95	7.00	0.05	4.00	0.01
S-1	2/26/09	7.23	7.31	0.08	4.00	0.01
S-1	12/2/10	7.93	8.58	0.65	0.25	0.06
S-1	12/10/10	7.97	8.54	0.57	0.25	0.06
S-2	12/2/10	7.96	8.65	0.69	0.25	0.06
S-2	12/10/10	8.02	8.63	0.61	0.25	0.06
S-3	1/5/09	6.77	6.82	0.05	4.00	0.01
S-3	12/2/10	7.96	8.66	0.70	0.25	0.06
S-3	12/10/10	8.03	8.64	0.61	0.25	0.06
				Totals:	159.63	22.27

Notes:
1) TOC = top-of-casing
2) Shaded cells for RW-3 and RW-6 = free product was not present during gauging; however, free product was present in the passive skimmer
3) Shaded cells for RW-8 = free product was not present during gauging; however, the well was bailed to verify free product was not present and free product was encountered

Table 3

Free Product Recovery by System

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

Free Product System Operation Date Range	Free Product Drum Pump Out Date	Wells Operating with Free Product Recovery System	Total Liquids Recovered (gallons)	Estimated Free Product Recovered (gallons)
6/17/09 through 6/24/09	7/1/09	MW-29, MW-31, RW-3, RW-5	55	20.00
7/1/09 through 7/23/09	7/27/09	MW-29, MW-31, RW-3, RW-5	55	19.33
7/27/09 through 8/4/09	8/5/09	MW-29, MW-31, RW-3, RW-5, RW-6	55	20.00
8/5/09 through 8/18/09	8/19/09	MW-29, MW-31, RW-3, RW-6	55	20.00
8/19/09 through 9/10/09	9/11/09	MW-29, MW-31, RW-3, RW-6	55	19.80
9/11/09 through 10/1/09	10/1/09	MW-29, MW-31, RW-3, RW-6	55	35.48
10/1/09 through 10/23/09	10/23/09	MW-29, MW-31, RW-3, RW-6	55	35.48
10/23/09 through 11/9/09	11/10/09	MW-29, MW-31, RW-3, RW-6	55	9.57
11/10/09 through 12/8/09	12/10/09	MW-29, MW-31, RW-3	40	8.85
3/18/09 through 4/21/10	4/13/10	MW-29, MW-31, RW-3, RW-6	55	3.30
4/21/10 through 5/4/10	5/5/10	MW-29, MW-31, RW-3, RW-6	55	7.98
5/5/10 through 5/25/10	5/25/10	MW-29, MW-31, RW-3, RW-5	55	15.09
5/25/10 through 6/8/10	6/10/10	MW-29, MW-31, RW-3, RW-5	55	37.46
6/10/10 through 6/16/10	6/17/10	MW-29, MW-31, RW-3, RW-5	55	39.86
6/17/10 through 7/1/10	7/1/10	MW-29, MW-31, RW-3, RW-5	55	47.39
7/1/10 through 8/18/10	8/19/10	MW-29, MW-31, RW-3, RW-5	50	3.75
8/19/10 through 8/31/10	9/1/10	MW-29, MW-31, RW-3, RW-5	50	12.37
9/1/10 through 10/12/10	10/13/10	MW-29, MW-31, RW-3, RW-5	55	23.84
10/13/10 through 12/2/10	3/17/11	MW-29, MW-31, RW-3, RW-5	55	6.66
3/21/11 through 4/6/11	4/6/11	MW-29, MW-31, RW-3, RW-5	55	8.20
4/6/11 through 4/14/11	4/14/11	MW-29, MW-31, RW-3, RW-5	55	2.48
4/14/11 through 4/26/11	4/27/11	MW-29	55	4.93
5/5/11 through 5/11/11	5/12/11	MW-29, RW-5	55	7.37
5/12/11 through 5/17/11	5/17/11	MW-29, RW-5	55	4.13
5/17/11 through 6/2/11	6/3/11	MW-29	55	4.13
6/3/11 through 6/27/11	6/28/11	MW-29, RW-5	55	13.15
6/28/11 through 7/12/11	7/18/11	MW-29, MW-31, RW-3, RW-5	55	8.20
7/18/11 through 8/2/11	8/3/11	MW-29, MW-31, RW-3, RW-5, RW-6	55	4.95
8/2/11 through 8/9/11	8/29/11	MW-29, MW-31, RW-3, RW-5, RW-6	50	2.25
8/9/11 through 8/29/11	8/29/11	MW-29 through MW-31, RW-5	50	6.05
8/29/11 through 9/7/11	9/8/11	MW-29 through MW-31, RW-5	55	2.48
9/8/11 through 9/21/11	9/21/11	MW-29 through MW-31, RW-5	55	3.74
9/21/11 through 10/3/11	10/4/11	MW-29 through MW-31, RW-5	55	4.57
10/4/11 through 10/18/11	10/19/11	MW-29 through MW-31, RW-5	55	3.74
10/19/11 through 11/3/11	11/4/11	MW-29 through MW-31, RW-5	55	4.18
11/3/11 through 11/21/11	11/22/11	MW-29 through MW-31, RW-5	55	5.01
11/22/11 through 11/30/11	12/1/11	MW-29 through MW-31, RW-5	55	2.50
3/14/12 through 4/5/12	8/2/12	MW-29, MW-31, RW-3, RW-5	55	0.83
4/5/12 through 4/24/12	8/2/12	MW-29, MW-31, RW-3, RW-5	55	0.83
4/24/12 through 6/8/12	8/2/12	MW-29, MW-31, RW-3, RW-5	55	1.21
6/8/12 through 8/1/12	8/2/12	MW-29, MW-31, RW-3, RW-5	55	2.42
8/1/12 through 9/7/12	10/18/12	MW-31, RW-5	55	2.48
9/7/12 through 9/13/12	10/18/12	MW-31, RW-5	55	1.65
9/13/12 through 10/3/12	10/18/12	MW-31, RW-5	55	3.30
10/3/12 through 11/30/12	NA	MW-31, RW-5	55	1.65
		Totals:	2,440	492.57

Notes:

1) The free product system was started on 6/17/09 and shut down on 12/8/09 due to freezing temperatures.
2) The free product system was restarted on 3/18/10 and shut down on 12/2/10 due to freezing temperatures.
3) The free product system was restarted on 3/21/11 and shut down on 11/30/11 due to freezing temperatures.
4) The free product system was restarted on 3/14/12 and shut down on 11/30/12 due to freezing temperatures.

Table 4

Free Product Recovery by HVE

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

HVE Date	Wells Pumped from with HVE	Total Liquids Recovered (gallons)	Estimated Free Product Recovered (gallons)
12/31/08	MW-27, S-1 through S-3	2,500	15
1/9/09	MW-27, S-1, S-3	2,000	10
1/27/09	MW-27, S-1 through S-3	2,100	10
3/9/09	S-1, S-3	3,000	15
3/13/09	MW-27, S-1 through S-3	2,800	14
4/1/09	S-1 through S-3	2,000	10
1/5/11	MW-26, MW-27, MW-29, MW-30, RW-3 through RW-6, S-1 through S-3	2,000	20
1/13/11	MW-26, MW-27, MW-29 through MW-31, RW-3 through RW-6, S-1 through S-3	1,600	16
1/28/11	MW-26, MW-27, MW-29 through MW-31, RW-3 through RW-6, S-1 through S-3	2,500	25
12/6/12	MW-26, MW-27, MW-29 through MW-31, RW-3 through RW-6, RW-8	1,500	15
12/10/12	MW-27, MW-29, MW-30, RW-3 through RW-6, RW-8	553	5.53
12/14/12	MW-26, MW-27, MW-29, MW-30, MW-31, RW-3, RW-6, RW-8	700	7
2/21/13	MW-29, RW-1 through RW-10, RW-1 ('04)	415	4.15
	Totals:	23,668	166.68

Notes:
1) HVE = high vacuum extraction

APPENDIX A

WASTE MANIFESTS

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: 008751771 JJK

5. Generator's Name and Mailing Address

North Branch Environmental
7 N 458 Garden ave
Roselle, Il 60172 (630)529-0240

Generator's Phone:

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: North Branch Environmental UPM035046111L

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 60525 (708)762-3119

Facility's Phone:

U.S. EPA ID Number: 0311740001

GENERATOR

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	001	u	55	G	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information

Work order 80632

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 Moelenbrink
Signature: Month 7 Day 8 Year 11

INT'L

16. International Shipments ☐ Import to U.S. ☐ 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 Moelenbrink
Signature: Steve Moe Month 7 Day 8 Year 11

Transporter 2 Printed/Typed Name
Signature: Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ 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

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

Form Approved. OMB No. 2050-0039

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

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: 0434825101

2. Page 1 of

3. Emergency Response Phone: (630)529-0240

4. Manifest Tracking Number: 008751860 JJK

5. Generator's Name and Mailing Address:
North Branch Environmental
7 N 458 Garden ave
Roselle, Il 60172 (630)529-0240

Generator's Phone:

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: North Branch Environmental — IPM035046 1IL

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 60525 (708)762-5119

Facility's Phone:

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.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non-Hazardous Liquid Waste Water	001	tt	55	G	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
96673
Work order 95744

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: Tom Suerth
Signature: Tom Duerth
Month Day Year: 09 21 11

16. International Shipments ☐ Import to U.S. ☐ Export from U.S.
Port of entry/exit:
Date leaving U.S.:
Transporter signature (for exports only):

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Tom Suerth
Signature: Tom Duerth
Month Day Year: 09 21 11

Transporter 2 Printed/Typed Name
Signature
Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ 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: Juan Garcia
Signature: Juan G.
Month Day Year: 9 22 11

GENERATOR

INT'L

TRANSPORTER

DESIGNATED FACILITY

TRANSPORTER'S COPY

Form Approved. OMB No. 2050-0039

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

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number 0434825101

2. Page 1 of

3. Emergency Response Phone

4. Manifest Tracking Number 008751829 JJK

5. Generator's Name and Mailing Address [illegible] Environmental
7 N 458 Garden ave
Roselle, Il 60172 (630)529-0240
Roselle, Il 60172 (630)529-0240

Generator's Phone:

Generator's Site Address (if different than mailing address)

U.S. EPA ID Number ILR000052877

6. Transporter 1 Company Name North Branch Environmental UPM03J04611L

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address [illegible]
7601 W. 47th street
McCook, Il 60525 (708)762-5119

Facility's Phone:

U.S. EPA ID Number [illegible]

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 WATER	001	M	55	G	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information

96746

Work order 95604

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 RICH GRABINSKI
Signature R. [illegible]
Month 10 Day 9 Year 11

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name RICH GRABINSKI
Signature R. [illegible]
Month 10 Day 9 Year 11

Transporter 2 Printed/Typed Name
Signature
Month Day Year

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ 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 Juan Garcia
Signature Juan G
Month 10 Day 4 Year 11

GENERATOR

INT'L

TRANSPORTER

DESIGNATED FACILITY

TRANSPORTER'S COPY

55

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

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: 008751890 JJK

5. Generator's Name and Mailing Address:
North Branch Environmental
7 N 458 Garden ave
Roselle, Il 60172

Generator's Phone: (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:
Orteck
7601 W. 47th street
McCook, Il 60525

Facility's Phone: (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.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes			
	1. Non-Hazardous Liquid	001	tt	55	G				
	2.								
	3.								
	4.								

14. Special Handling Instructions and Additional Information

76901

Work order 95768

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 MOEHCNBRENK

Signature:

Month 10 Day 19 Year 11

16. International Shipments ☐ Import to U.S. ☐ Export from U.S.

Port of entry/exit:

Date leaving U.S.:

Transporter signature (for exports only):

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: STEVE MOEHEMBRENK

Signature:

Month 10 Day 19 Year 11

Transporter 2 Printed/Typed Name:

Signature:

Month Day Year

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ 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: [illegible]

Signature:

Month 10 Day 19 Year 11

GENERATOR

INT'L

TRANSPORTER

DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

TRANSPORTER'S COPY

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 043-4829101

2. Page 1 of

3. Emergency Response Phone (630)529-0240

4. Manifest Tracking Number 008752090 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 UPM035046 IIL

U.S. EPA ID Number ILR000052977

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Oneck
7601 W. 47th street
McCook, Il 60525 (708)762-3119

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.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non-Hazardous Liquid Waste Water	001	TT	[illegible]	G	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
97634
Work order 9725

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 Surantt

Signature

Month 11 Day 04 Year 11

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name John Surantt

Signature

Month 11 Day 04 Year 11

Transporter 2 Printed/Typed Name

Signature

Month Day Year

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ 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 Juan Garcia

Signature Juan

Month 11 Day 4 Year 11

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

TRANSPORTER'S COPY

Form Approved. OMB No. 2050-0039

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

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: 0434825101

2. Page 1 of:

3. Emergency Response Phone: (630)529-0240

4. Manifest Tracking Number: 008752169 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 UPMO3304610
U.S. EPA ID Number: ILR000032977

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

8. Designated Facility Name and Site Address:
[illegible]
7601 W. 47th street
McCook, Il 60525 (708)762-5119
U.S. EPA ID Number: 0311740003

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.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non-Hazardous Liquid Waste Water	001	tt	[illegible]	G	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information:
97193
Work order 9667

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: Tomas Sunta
Signature:
Month Day Year: 11 18 11

INT'L 16. International Shipments ☐ Import to U.S. ☐ 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: Tom Sunta
Signature:
Month Day Year: 11 18 11

Transporter 2 Printed/Typed Name:
Signature:
Month Day Year:

DESIGNATED FACILITY 18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ 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: Leobardo Ortega
Signature: L O
Month Day Year: 11 22 11

TRANSPORTER'S COPY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

Form Approved. OMB No. 2050-0039

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

GENERATOR

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: 043482510I

2. Page 1 of

3. Emergency Response Phone: (630)529-0240

4. Manifest Tracking Number: 008751764 JJK

5. Generator's Name and Mailing Address
North Branch Environmental
7 N 458 Gladen 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 ILRM035045IB

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 60525 (708)762-5119

U.S. EPA ID Number: 0031740001

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.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes			
	1. Non-Hazardous Liquid	001	tt	55	G				
	2.								
	3.								
	4.								

14. Special Handling Instructions and Additional Information
Work order 96613
97253

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 MOELLENBRINK
Signature:
Month 12 Day 1 Year 11

INT'L

16. International Shipments ☐ Import to U.S. ☐ 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 MoellenBRINK
Signature:
Month 12 Day 1 Year 11

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ 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: [illegible]
Signature
Month 12 Day 2 Year 11

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

TRANSPORTER'S COPY

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: 0431535101

2. Page 1 of

3. Emergency Response Phone: (630)529-0240

4. Manifest Tracking Number: 009517131 JJK

5. Generator's Name and Mailing Address

NORTH BRANCH

[illegible]

ROSELLE IL [illegible]

Generator's Site Address (if different than mailing address)

Generator's Phone:

6. Transporter 1 Company Name: North Branch Environmental UPM03504611L

U.S. EPA ID Number: ILR000032977

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

Clean
7001 W. 47th street
McCook, Il 60525 (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.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non-Hazardous Liquid [illegible]	001	[illegible]	220	[illegible]	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information

9531

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: M. Swartz

Signature:

Month 8 Day 2 Year 12

16. International Shipments ☐ Import to U.S. ☐ Export from U.S.

Port of entry/exit:

Transporter signature (for exports only):

Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: M. Swartz

Signature:

Month 8 Day 2 Year 12

Transporter 2 Printed/Typed Name

Signature:

Month Day Year

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ 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: Juan Garcia

Signature: Juan G

Month 8 Day 2 Year 12

GENERATOR

INT'L

TRANSPORTER

DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05). Previous editions are obsolete.

TRANSPORTER'S COPY

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: 101 0434825

2. Page 1 of

3. Emergency Response Phone: (630)529-0240

4. Manifest Tracking Number: 009519745 JJK

5. Generator's Name and Mailing Address:
NORTH BRANCH
7N458 GARDEN Ave
ROSELLE, IL

Generator's Site Address (if different than mailing address)

Generator's Phone:

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 [illegible]
7001 W. 47th street
McCook, Il 60525 (708)763-3119
U.S. EPA ID Number: 0911740001

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.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non-Hazardous Liquid	001	T	220	G	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information

Work order 99168

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: J. VAN HOESEN Jr.
Signature: J. Van H
Month Day Year: 10 19 12

16. International Shipments ☐ Import to U.S. ☐ Export from U.S.
Port of entry/exit:
Transporter signature (for exports only):
Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: J. VAN HOESEN Jr.
Signature: J. Van H
Month Day Year: 10 18 12

Transporter 2 Printed/Typed Name
Signature
Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ 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

GENERATOR

INT'L

TRANSPORTER

DESIGNATED FACILITY

TRANSPORTER'S COPY

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: 010613056 JJK

5. Generator's Name and Mailing Address
North Branch Environmental
7 N 468 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 UPM0050401IL
U.S. EPA ID Number: ILR000063977

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

8. Designated Facility Name and Site Address
Ortek:
7001 W. 47th street
McCook, Il 60525 (708)762-9119
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.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non-Hazardous Liquid	001	TT	1500	G	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Work order 99678

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 [illegible]
Signature:
Month 12 Day 6 Year 12

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Date leaving U.S.:
Transporter signature (for exports only):

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Steve [illegible]
Signature:
Month 12 Day 6 Year 12

Transporter 2 Printed/Typed Name
Signature:
Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ 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

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

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 010613133 JJK

5. Generator's Name and Mailing Address
North Branch Environmental
7 N 456 Garden ave
Roselle, IL 60172

Generator's Phone: (630)529-0240

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name North Branch Environmental UPM0050401IL, U.S. EPA ID Number ILR000052977

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

8. Designated Facility Name and Site Address
Oxtech
7601 W. 47th street
McCook, IL 60525
Facility's Phone: (708)762-3119
U.S. EPA ID Number 0311740001

GENERATOR

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 waste water	001	T	553	G	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Work order 99682

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 Geronimo Covarrubias
Signature Geronimo Covarrubias
Month Day Year 12 / 10 / 12

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name Geronimo Covarrubias
Signature Geronimo Covarrubias
Month Day Year 12 / 10 / 12

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ 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 12 / 10 / 12

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

TRANSPORTER'S COPY

FROM: 380 LIBERTY ST – WAUCONDA IL
553 GAL

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 010613154 JJK

5. Generator's Name and Mailing Address

North Branch Environmental
7 N 458 Garden ave
Roselle, IL 60172

Generator's Phone: (630)529-0240

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name
North Branch Environmental UPM0050161IL

U.S. EPA ID Number ILR000052977

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

Facility's Phone: (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.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non-Hazardous Liquid	001	tt	200	g	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information

(100992

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: Bill Gibson
Signature: Bill Gibson
Month 12 Day 17 Year 12

16. International Shipments ☐ Import to U.S. ☐ Export from U.S.
Port of entry/exit:
Transporter signature (for exports only):
Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Bill Gibson
Signature: Bill Gibson
Month 12 Day 17 Year 12

Transporter 2 Printed/Typed Name
Signature
Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ 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: Lowell Aubenbaugh
Signature
Month 12 Day 17 Year 12

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

TRANSPORTER'S COPY

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: 010613515 JJK

5. Generator's Name and Mailing Address
North Branch Environmental
7 N 438 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 UPM035046 IL.
U.S. EPA ID Number: ILR000052977

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

8. Designated Facility Name and Site Address
[illegible]
7801 W. 47th street
McCook, Il 60525 (708)762-9110

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.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non-Hazardous Liquid	001	M	[illegible]	G	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information

Work order [illegible]

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: [illegible]
Signature:
Month 2 Day 21 Year 13

16. International Shipments ☐ Import to U.S. ☐ Export from U.S.
Port of entry/exit:
Transporter signature (for exports only):
Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: [illegible]
Signature:
Month 02 Day 21 Year 13

Transporter 2 Printed/Typed Name
Signature
Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ 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

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

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.: 903199

IEMA Notification Date: Oct 30, 1990

Date this form was prepared: Feb 12, 2014

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

- ☐ Budget Proposal
- ☒ Budget Amendment (Budget amendments must include only the costs over the previous budget.)
- ☐ Billing Package

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

Name(s):

Date(s):

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

35 Ill. Adm. Code 734:

- ☐ Early Action
- ☒ Free Product Removal after Early Action
- ☐ Site Investigation . . . . Stage 1: ☐ Stage 2: ☐ Stage 3: ☐
- ☐ Corrective Action Actual Costs

35 Ill. Adm. Code 732:

- ☐ Early Action
- ☐ Free Product Removal after Early Action
- ☐ Site Classification
- ☐ Low Priority Corrective Action
- ☐ High Priority Corrective Action

35 Ill. 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.)

RPatel

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 ☒ No ☐	892744	Tank Leak
(same UST as above)	6,000	Yes ☒ No ☐	903199	Tank Leak
Gasoline	6,000	Yes ☒ No ☐	892744	Tank Leak
(same UST as above)	6,000	Yes ☒ No ☐	903199	Tank Leak
Gasoline	10,000	Yes ☐ No ☒	NA	
Gasoline	10,000	Yes ☐ No ☒	NA	
		Yes ☐ No ☐		
		Yes ☐ No ☐		
		Yes ☐ No ☐		

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				
Drilling and Monitoring Well Costs Form	$ .00	$	$	$	$
Analytical Costs Form	$ .00	$	$	$	$
Remediation and Disposal Costs Form	$ 2,793.55	$	$	$	$
UST Removal and Abandonment Costs Form	$ .00	$	$	$	$
Paving, Demolition, and Well Abandonment Costs Form	$ .00	$	$	$	$
Consulting Personnel Costs Form	$ 27,040.33	$	$	$	$
Consultant's Materials Costs Form	$ 4,290.57	$	$	$	$
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	$ 34,124.45	$	$	$	$

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 ($)	
Total Remediation Materials Costs Summary Sheet ($)	1,080.00
Total Cost of the System	$1,080.00

D. Groundwater and/or Free Product Removal and Disposal

☐ Subpart H minimum payment amount applies.

Number of Gallons	Cost per Gallon ($)	Total Cost ($)
2,753	0.62	1,713.55

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 ($)	Total Cost ($)
Total Drum Disposal Costs		

Total Remediation and Disposal Costs:	$2,793.55

Remediation Materials Costs Summary Sheet

Materials, Equipment, or Field Purchase	Time or Amount Used	Rate ($)	Unit	Total Cost
Subcontractor (if applicable)				
Vacuum truck on-site time for dual phase extraction events	12.00	90.00	hours	$1,080.00
Van Hoesen Industries, Inc. - North Branch				

Total of Remediation Materials Costs	**$1,080.00**

Consulting Personnel Costs Form

Employee Name	Personnel Title	Hours	Rate* ($)	Total Cost
Remediation Category	**Task**			
Randy Wilson	Senior Technician	133.25	76.04	$10,132.33
FP-Field	Gauged wells, FP recovery on wells, checked for vapors, oversaw concrete install, emptied bailer			
Kimberly Henkel	Senior Acct. Technician	15.50	64.34	$997.34
FP-Pay	Reimbursement prep			
Shawn Rodeck	Senior Project Manager	1.50	117.00	$175.50
FP-Plan	Project managment			
Shawn Rodeck	Senior Acct. Technician	.75	64.34	$48.26
FP-Pay	Reimbursement prep			
Shawn Rodeck	Senior Prof. Engineer	1.25	152.10	$190.13
FP-Pay	Reimbursement review and certification			
Marcos Czako	Geologist III	3.50	102.96	$360.36
FP-Field	Gauged wells, performed free product recovery on wells			
Marcos Czako	Geologist III	2.00	102.96	$205.92
FP-Plan	FP Plan			
Marcos Czako	Geologist III	30.75	102.96	$3,166.02
FP-Report	FP report prep			
Kimberly Henkel	Senior Acct. Technician	3.50	65.50	$229.25
FP-Pay	FP reimbursement			

Employee Name	Personnel Title	Hours	Rate* ($)	Total Cost
Remediation Category	**Task**			
Kimberly Henkel	Senior Admin. Assistant	.25	53.60	$13.40
FP-Pay	Copying and mailing of FP claim			
Kimberly Henkel	Senior Admin. Assistant	3.50	53.60	$187.60
FP-Plan	O&M			
Marcos Czako	Geologist III	23.25	104.81	$2,436.83
FP-Report	FP report prep			
Shawn Rodeck	Senior Prof. Engineer	4.75	154.84	$735.49
FP-Report	FP review and certification			
Shawn Rodeck	Senior Acct. Technician	3.50	65.50	$229.25
FP-Pay	Reimbursement prep			
Marcos Czako	Senior Project Manager	.75	119.11	$89.33
FP-Plan	Project management			
Meyer Design	Senior Draftperson/CAD	2.50	70.19	$175.47
FP-Plan	Drafting of site map			
Randy Wilson	Senior Technician	48.50	74.48	$3,612.28
FP-Field	Gauged wells, performed free product recovery on wells			
Kim Miller	Senior Project Manager	1.75	114.59	$200.53
FP-Plan	Project Management			

Employee Name	Personnel Title	Hours	Rate* ($)	Total Cost
Remediation Category	**Task**			
Kimberly Henkel	Senior Acct. Technician	7.50	63.02	$472.65
FP-Pay	Reimbursement			
Shawn Rodeck	Engineer III	.50	114.59	$57.30
FP-Field	Free Product System O&M Optimization			
Randy Wilson	Senior Technician	21.75	76.04	$1,653.87
FP-Field	Gauged wells, performed free product recovery on wells			
Kim Miller	Senior Project Manager	1.00	117.00	$117.00
FP-Field	Project Management			
Kim Henkel, Shawn Rodeck	Senior Acct. Technician	7.00	64.34	$450.38
FP-Pay	Reimbursement			
Kim Henkel	Senior Admin. Assistant	.25	52.65	$13.16
FP-Pay	Document Mailing			
Kim Henkel, Shawn Rodeck	Senior Acct. Technician	.25	65.50	$16.38
FP-Pay	Reimbursement prep			
Marcos Czako	Geologist III	10.25	104.81	$1,074.30
FP-Plan	FP plan prep			

*Refer to the applicable Maximum Payment Amounts document.

Total of Consulting Personnel Costs	**$27,040.33**

Consultant's Materials Costs Form

<table>
<tr><th colspan="2">Materials, Equipment, or Field Purchase</th><th>Time or Amount Used</th><th>Rate ($)</th><th>Unit</th><th>Total Cost</th></tr>
<tr><th>Remediation Category</th><th colspan="5">Description/Justification</th></tr>
<tr><td colspan="2">Truck</td><td>19.25</td><td>105.00</td><td>day</td><td>$2,021.25</td></tr>
<tr><td>FP-Field</td><td colspan="5">Used for consultant transportation to and from site</td></tr>
<tr><td colspan="2">Interface Probe</td><td>19.25</td><td>35.00</td><td>day</td><td>$673.75</td></tr>
<tr><td>FP-Field</td><td colspan="5">Used to gauge the wells</td></tr>
<tr><td colspan="2">Nitrile Gloves</td><td>191.00</td><td>.50</td><td>pair</td><td>$95.50</td></tr>
<tr><td>FP-Field</td><td colspan="5">Used to protect hands during recovery activities</td></tr>
<tr><td colspan="2">PID</td><td>15.25</td><td>95.00</td><td>day</td><td>$1,448.75</td></tr>
<tr><td>FP-Field</td><td colspan="5">Used to screen samples during soil boring installation activities</td></tr>
<tr><td colspan="2">USPS - 3/31/13</td><td>1.00</td><td>1.32</td><td>each</td><td>$1.32</td></tr>
<tr><td>FP-Report</td><td colspan="5">Document shipping</td></tr>
<tr><td colspan="2">USPS</td><td>3.00</td><td>10.00</td><td>each</td><td>$30.00</td></tr>
<tr><td>FP-Report</td><td colspan="5">Document Mailing</td></tr>
<tr><td colspan="2">USPS</td><td>2.00</td><td>10.00</td><td>each</td><td>$20.00</td></tr>
<tr><td>FP-Pay</td><td colspan="5">Document Mailing</td></tr>
<tr><td colspan="2"></td><td></td><td></td><td></td><td></td></tr>
<tr><td></td><td colspan="5"></td></tr>
<tr><td colspan="2"></td><td></td><td></td><td></td><td></td></tr>
<tr><td></td><td colspan="5"></td></tr>
</table>

Total of Consultant Materials Costs	**$4,290.57**

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: Date: 2/4/14

Subscribed and sworn to before me the 4 day of February 2014.

Sandra L Rodeck
(Notary Public)

Seal:
OFFICIAL SEAL
SANDRA L. RODECK
NOTARY PUBLIC, STATE OF ILLINOIS
MY COMMISSION EXPIRES 1-24-2016

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 57.17 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:
SHAWN A. RODECK
062-052879

L.P.E./L.P.G. Signature: Shawn Rodeck Date: 02/12/2014

Subscribed and sworn to before me the 12 day of February 2014

(Notary Public)

Seal:
OFFICIAL SEAL
KIMBERLY A HENKEL
NOTARY PUBLIC - STATE OF ILLINOIS
MY COMMISSION EXPIRES:07/08/17

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

OSFM 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

Deanne Lock
Administrative Assistant
Division of Petroleum and Chemical Safety

cc: IEPA
Facility File