

May 25, 2017

Ms. Joyce Munie, P.E.
Manager, Permit Section
Illinois Environmental Protection Agency
Bureau of Land
1021 North Grand Avenue East
Springfield, Illinois 62794

Submittal of Corrected Information
Soil Vapor Sampling and SVE Monitoring – 1st Quarter 2013
Roxana, Illinois
1191150002 – Madison County
Equilon Enterprises LLC d/b/a Shell Oil Products US
Log No. B-43R

Dear Ms. Munie:

On behalf of Shell Oil Products US (SOPUS), AECOM Technical Services, Inc. (AECOM) hereby submits the enclosed addendum to the above-referenced report (the Report).

AECOM collects a variety of samples for SOPUS as part of the work performed in connection with the above-referenced site including the samples referenced and utilized in the Report. AECOM contracts with independent laboratories to analyze the samples collected. As noted in SOPUS' initial disclosure letter and our subsequent communications, Accutest Laboratories (Accutest) issued revised laboratory analyses in response to an internal evaluation performed of its process. Please note, the majority of the corrected analyses were issued only to include a revised footnote and the numeric value of the analytical results reported remained unchanged. If any numeric values of analytical results presented in the Report were updated by Accutest, the updated results are presented as part of the information included in the Report addendum. Moreover, based upon our evaluation of the Report and the revised information received from Accutest, the conclusion(s) of the Report as originally issued are unaffected.

The information provided within and the format of this addendum is as discussed during our meeting with IEPA on March 23, 2017. This addendum includes the following information:

- IEPA LPC form
- Revised figure



If you have any questions during your review, please contact Kevin Dyer, SOPUS Senior Principal Program Manager, at kevin.dyer@shell.com (618/288-7237), or Bob Billman at bob.billman@aecom.com (314/743-4108).

Sincerely,

AECOM, on behalf of Shell Oil Products US

A handwritten signature in blue ink that reads "Robert B. Billman". The signature is written in a cursive style with a large, prominent "R" and "B".

Robert Billman, PG
Senior Project Manager

A handwritten signature in blue ink that reads "Robert E. Mooshegian". The signature is written in a cursive style with a large, prominent "R" and "M".

Robert E. Mooshegian, CHMM
Senior Program Manager

Enclosures: 2 copies

cc: Kevin Dyer, SOPUS
Eric Petersen, Phillips 66
Yuping Ding, IDPH
Shannon Haney, Greensfelder, Hemker & Gale P.C.
Repositories – Village Hall, Roxana Public Library, website
Project File



Illinois Environmental Protection Agency

Bureau of Land • 1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62794-9276

RCRA FACILITY GROUNDWATER, LEACHATE AND GAS REPORTING FORM

This form must be used as a cover sheet for the notices and reports, identified below as required by: (1) a facility's RCRA interim status closure plan; (2) the RCRA interim status regulations; or (3) a facility's RCRA permit. All reports must be submitted to the Illinois EPA's Bureau of Land Permit Section. This form is for use by Hazardous Waste facilities only. Reporting for Solid Waste facilities should be submitted on a separate form. All reports submitted to the Illinois EPA's Bureau of Land Permit Section must contain an original, plus a minimum of two copies.

Note: This form is not to be used with permit or closure plan modification requests. The facility's approved permit or closure plan will state whether the document you are submitting is required as a report or a modification request.

Facility Name: Equilon Enterprises LLC dba Shell Oil Products US

Facility Address: 900 South Central Ave., Roxana, IL 62048

Site ID #: 1191150002 Fed ID #: ILD 080 012 305

Check the appropriate heading. Only one heading may be checked for each corresponding submittal. Check the appropriate sub-heading, where applicable. Attach the original and all copies behind this form.

LPC-160 Forms

Groundwater

Quarterly - Enter: 1, 2, 3, or 4

Semi-Annual

Annual

Biennial

Leachate

Quarterly - Enter: 1, 2, 3, or 4

Semi-Annual

Annual

Biennial

Groundwater Data (without LPC-160 Forms)

Quarterly - Enter: 1, 2, 3, or 4 Annual Semi-Annual Biennial

Well Construction Information

Well Construction Forms, Boring Logs and/or Abandonment Forms

Well Survey Data (e.g., Stick-up Elevation Data)

Notice of Statistically Significant Evidence of Groundwater Contamination
(35 Ill. Adm. Code 724.198)

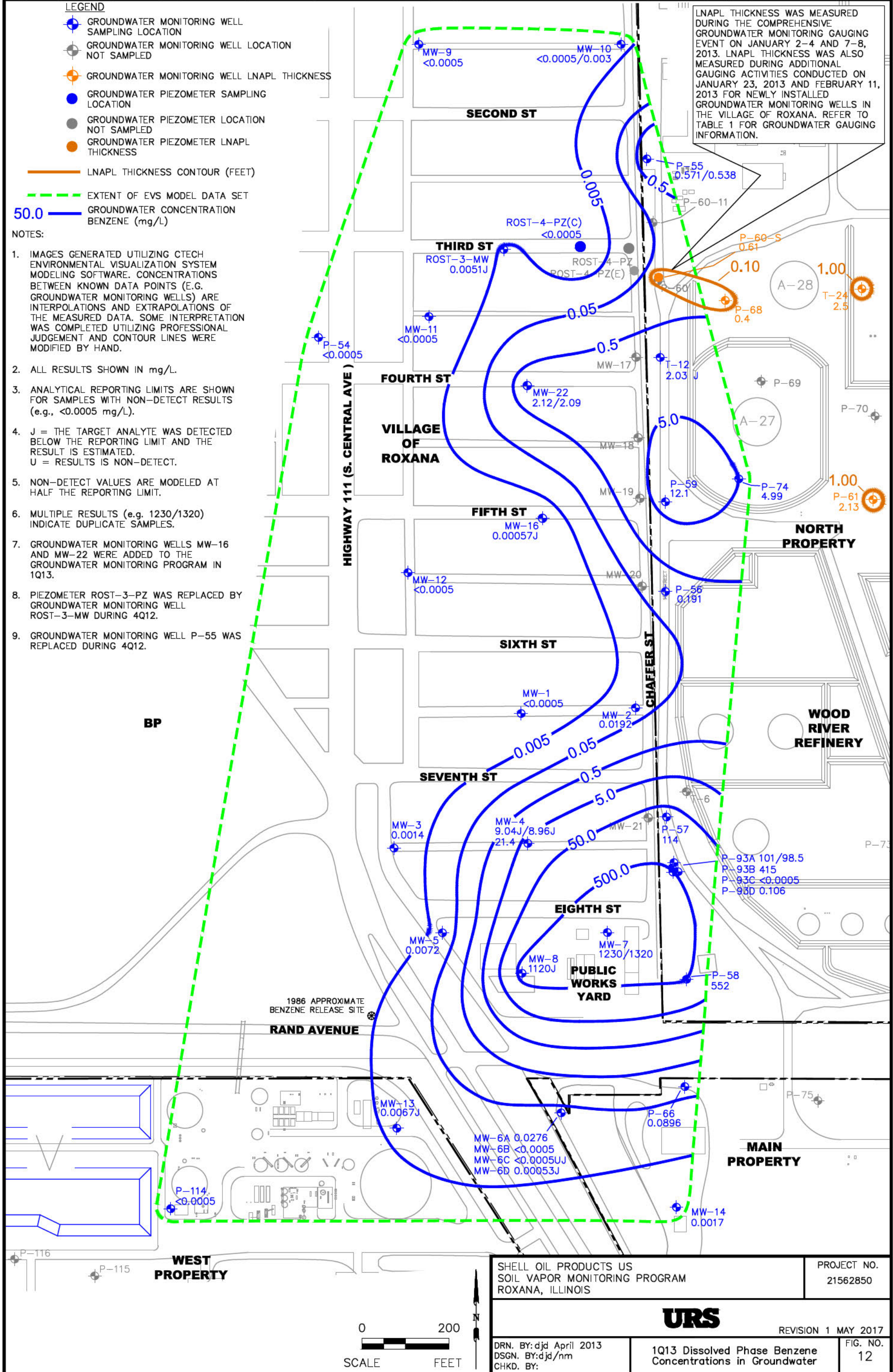
Notice of Exceedence of Groundwater Concentration Limit (35 Ill. Adm. Code 724.199(h))

Notice of Alternate Source or Error in Sampling Analysis or Evaluation of Groundwater
(35 Ill. Adm. Code 724.199(i))

Gas Monitoring Reports

Other (identify)

3Q12 and 1Q13 Soil Vapor Sampling and SVE Monitoring Report Addenda - Addenda being issued due to revised laboratory reports.



LNAPL THICKNESS WAS MEASURED DURING THE COMPREHENSIVE GROUNDWATER MONITORING GAUGING EVENT ON JANUARY 2-4 AND 7-8, 2013. LNAPL THICKNESS WAS ALSO MEASURED DURING ADDITIONAL GAUGING ACTIVITIES CONDUCTED ON JANUARY 23, 2013 AND FEBRUARY 11, 2013 FOR NEWLY INSTALLED GROUNDWATER MONITORING WELLS IN THE VILLAGE OF ROXANA. REFER TO TABLE 1 FOR GROUNDWATER GAUGING INFORMATION.

- LEGEND**
- GROUNDWATER MONITORING WELL SAMPLING LOCATION
 - GROUNDWATER MONITORING WELL LOCATION NOT SAMPLED
 - GROUNDWATER MONITORING WELL LNAPL THICKNESS
 - GROUNDWATER PIEZOMETER SAMPLING LOCATION
 - GROUNDWATER PIEZOMETER LOCATION NOT SAMPLED
 - GROUNDWATER PIEZOMETER LNAPL THICKNESS
 - LNAPL THICKNESS CONTOUR (FEET)
 - GROUNDWATER CONCENTRATION BENZENE (mg/L)

- NOTES:**
1. IMAGES GENERATED UTILIZING CTECH ENVIRONMENTAL VISUALIZATION SYSTEM MODELING SOFTWARE. CONCENTRATIONS BETWEEN KNOWN DATA POINTS (E.G. GROUNDWATER MONITORING WELLS) ARE INTERPOLATIONS AND EXTRAPOLATIONS OF THE MEASURED DATA. SOME INTERPRETATION WAS COMPLETED UTILIZING PROFESSIONAL JUDGEMENT AND CONTOUR LINES WERE MODIFIED BY HAND.
 2. ALL RESULTS SHOWN IN mg/L.
 3. ANALYTICAL REPORTING LIMITS ARE SHOWN FOR SAMPLES WITH NON-DETECT RESULTS (e.g., <0.0005 mg/L).
 4. J = THE TARGET ANALYTE WAS DETECTED BELOW THE REPORTING LIMIT AND THE RESULT IS ESTIMATED.
U = RESULTS IS NON-DETECT.
 5. NON-DETECT VALUES ARE MODELED AT HALF THE REPORTING LIMIT.
 6. MULTIPLE RESULTS (e.g. 1230/1320) INDICATE DUPLICATE SAMPLES.
 7. GROUNDWATER MONITORING WELLS MW-16 AND MW-22 WERE ADDED TO THE GROUNDWATER MONITORING PROGRAM IN 1Q13.
 8. PIEZOMETER ROST-3-PZ WAS REPLACED BY GROUNDWATER MONITORING WELL ROST-3-MW DURING 4Q12.
 9. GROUNDWATER MONITORING WELL P-55 WAS REPLACED DURING 4Q12.

SHELL OIL PRODUCTS US SOIL VAPOR MONITORING PROGRAM ROXANA, ILLINOIS		PROJECT NO. 21562850
URS		REVISION 1 MAY 2017
DRN. BY: djd April 2013 DSGN. BY: djd/nm CHKD. BY:	1Q13 Dissolved Phase Benzene Concentrations in Groundwater	FIG. NO. 12

