



Illinois  
Environmental  
Protection Agency

Bureau of Land  
1021 North Grand Avenue East  
Box 19276  
Springfield, IL 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: WRB Refining LLC, Wood River Refinery Site ID #: 119115002  
Facility Address: 900 S. Central Ave., Roxana IL 62048 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 – Indicate one: 1 2 3 4
    - Semi-Annual
    - Annual
    - Biennial
  - Leachate
    - Quarterly – Indicate one: 1 2 3 4
    - Semi-Annual
    - Annual
    - Biennial
- Groundwater Data (without LPC-160 Forms)
  - Quarterly – Indicate one: 1 2 3 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) Groundwater Flow Control Notification



February 4, 2011

Mr. Steven F. Nightingale, P.E.  
Manager, Permit Section  
Illinois Environmental Protection Agency  
Bureau of Land  
1021 North Grand Avenue East  
Springfield, Illinois 62794

**Subject: Groundwater Flow Control Notification  
WRB Refining LLC Wood River Refinery  
Roxana, Illinois  
119115002 – Madison County  
Equilon Enterprises LLC d/b/a Shell Oil Products US  
Log No. B-43-R**

Dear Mr. Nightingale:

On behalf of Shell Oil Products US (SOPUS), URS Corporation (URS) is submitting this notification in accordance with Condition IV(J)(15) of the RCRA Part B Permit. Condition IV(A)(1) of the Permit requires "...control of horizontal and vertical groundwater flow in the uppermost aquifer such that groundwater flow is towards the interior of the facility along the combined boundaries of North and Main properties."

The groundwater contour data from January 2011 indicates that there may have been an instance where control along the west fenceline of the North Property was not maintained. Discussions have already begun with ConocoPhillips to determine what conditions have changed with respect to pumping.

Per condition IV(J)(15)(c), we will submit a report within 30 days which describes the actions taken to remedy this situation.

If you have any questions concerning this information, please contact Kevin Dyer, SOPUS Principal Program Manager, at [kevin.dyer@shell.com](mailto:kevin.dyer@shell.com) (618/288-7237), or me at [bob\\_billman@urscorp.com](mailto:bob_billman@urscorp.com) (314/743-4108).

Sincerely,

Robert B. Billman  
Senior Project Manager

Cc: Kevin Dyer, SOPUS  
Amy Boley, IEPA  
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St. Louis, MO 63110  
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