

US EPA ARCHIVE DOCUMENT



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January 15, 2009

**CERTIFIED MAIL**  
**RETURN RECEIPT REQUESTED**

Mr. Christopher Black  
U.S. EPA – Region 5  
Corrective Action Section  
Enforcement and Compliance Assurance Branch  
77 West Jackson Blvd. LU-9J  
Chicago, IL 60604-3590

**Re: 4<sup>th</sup> Quarter 2008 Progress Report, Chevron Cincinnati Facility**

Dear Mr. Black:

Chevron is submitting this quarterly progress report in accordance with Section 19.b of the November 2006 Administrative Order on Consent (AOC), covering the time period from October 1, 2008 to December 31, 2008. The progress and status of the various activities performed for this time period are presented herein.

1. Chevron sent the following correspondence to the U.S. EPA in the 4<sup>th</sup> quarter of 2008:
  - A letter dated October 15, 2008 presenting the Administrative Order on Consent quarterly progress report.
  - A letter dated October 31, 2008 summarizing the Soils and Sludges Remedy quarterly progress.
  - A letter report dated October 30, 2008 presenting the Proposed Criteria for Discontinuing High-Grade LNAPL Recovery under the Final Groundwater Remedy, Chevron Cincinnati Facility, Hooven, Ohio
  - A report dated December 18, 2008 titled "Summary of Assessment and Remediation at Areas of Historical Releases Not Discovered as Part of the RFI/CMS, Chevron Cincinnati Facility, Hooven, Ohio."
2. The U.S. EPA was copied on the following correspondence submitted by Chevron to other parties in the 4<sup>th</sup> quarter of 2008:
  - A report dated October 22, 2008 sent to Mr. John Barlage of Hamilton County Environmental Services presenting the quarterly report for the HSVE system.
  - A memo dated November 19, 2008 sent to the Chevron CAP members presenting the October

monthly facility update.

3. Work with developers/owners/permitting agencies continued on issues associated with installing a storm water management system in portions of the Southwest Quadrant, and on institutional control issues.
4. The following monitoring activities/field investigations were conducted in the 4<sup>th</sup> quarter of 2008:
  - Bi-monthly groundwater monitoring.
  - Quarterly groundwater sampling of newly installed sentinel and POC wells.
  - Soil vapor monitoring in Hooven.
  - Soil vapor monitoring in site vapor wells.
  - Semiannual groundwater sampling of remedy monitoring wells.
6. The soils remedy project was largely completed in the 2<sup>nd</sup> quarter of 2007. However, remaining backfilling resumed in this quarter during dry conditions.
7. The Gulf Park Bioventing system continued its seasonal operation.
8. The Hooven HSVE system remained shut down. It remained shut down during calendar year 2008, at U.S. EPA's direction.
9. The water treatment system remained offline due to water levels remaining above the trigger level elevation.
10. Chevron began working within the river banks on September 22 for the River Bank Stabilization Project. Installation of the steel sheet pile began on October 1<sup>st</sup> and was completed on October 21<sup>st</sup>. Re-grading of the area behind the barrier wall, installation of a final vegetative cover, and placement of the willow stakes were all completed by December 24<sup>th</sup>.
11. Installation of the barrier wall monitoring well network was completed on December 29<sup>th</sup>.

#### **Planned Activities – 1<sup>st</sup> Quarter 2009**

1. The following monitoring and fieldwork activities are planned:
  - Gulf Park systems trigger level monitoring and operation.
  - High Grade systems trigger level monitoring.
  - Bi-monthly groundwater monitoring.
  - Quarterly groundwater monitoring of the newly installed sentinel and POC wells.
  - Quarterly groundwater monitoring of the newly installed barrier wall monitoring wells.
  - River observations along the barrier wall and Gulf Park river banks.

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- Potential additional soil vapor monitoring in Hooven.
3. Laboratory analytical data and quality assurance information will continue to be evaluated.

We appreciate your continued support and assistance on this project. If you have any questions or require any additional information, please contact me at (925) 543-2954 or Doug Lam (Trihydro Corporation) at (513) 353-1323, ext. 23.

Sincerely,



Paul F. Ryan – Site Manager  
Chevron Cincinnati Facility  
Chevron Environmental Management Company

500-017-011

cc: Harold O'Connell – OEPA