

US EPA ARCHIVE DOCUMENT



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April 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: 1st Quarter 2009 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 January 1, 2009 to March 31, 2009. 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 1st quarter of 2009:
 - A letter dated January 15, 2009 presenting the Administrative Order on Consent quarterly progress report.
 - A letter dated January 30, 2009 summarizing the Soils and Sludges Remedy quarterly progress.
 - An email dated January 12, 2009 presenting the Initial December 2008 Hooven Vapor Monitoring Data.
 - An email dated February 25, 2009 presenting a summary of plans for additional sampling at well VW-96.
 - An email dated February 25, 2009 notifying U.S. EPA of groundwater sampling results for sentinel wells located in the southwest quad area
 - An email dated February 26, 2009 presenting the complete draft December 2008 Hooven Vapor Monitoring Data tables.
 - A Report dated February 27, 2009 and titled "Closure Report for Off-Site Consolidation of

Hazardous Contaminated Soils and Sludges, Chevron Cincinnati Facility, Hooven, Ohio.”

- An email dated March 4, 2009 presenting historic UST reports in the southwest quad from Ohio BUSTR.
 - An email dated March 4, 2009 presenting the initial groundwater results from the re-sampled sentinel and POC wells in the southwest quad.
2. The U.S. EPA was copied on the following correspondence submitted by Chevron to other parties in the 1st quarter of 2009:
 - A report dated January 30, 2009 sent to Mr. John Barlage of Hamilton County Environmental Services presenting the semiannual report for the HSVE system.
 - A memo dated March 4, 2009 sent to the Chevron CAP members presenting the November 2008 through February 2009 monthly facility update.
 3. The U.S. EPA sent the following correspondence to Chevron in the 1st quarter of 2009:
 - A letter dated February 18, 2009 modifying the Administrative Order on Consent to clarify the activities associated with the U.S. EPA's vapor intrusion investigation in Hooven, Ohio.
 - A letter dated March 12, 2009 addressing the sentinel wells and the startup date of the site-wide groundwater recovery system as per the Administrative Order on Consent.
 4. Work with developers/owners/permitting agencies continued on issues associated with installing a storm water management system in portions of the southwest quad, and on institutional control issues.
 5. The following monitoring activities/field investigations were conducted in the 1st quarter of 2009:
 - Re-sampling of the sentinel and POC wells in the southwest quad
 - Installation of five new monitoring wells in the southwest quad (MW-138 through MW-142).
 - Bi-monthly groundwater monitoring.
 - Sampling of the Barrier Wall monitoring well network.
 - Start of the semiannual groundwater sampling of remedy monitoring wells.
 6. The Gulf Park Bioventing system continued its seasonal operation, with the notable exception that it was off due to high groundwater elevation from 2-11-09 until resuming operations on 3-16-09.
 7. The Hooven HSVE system remained shut down, at U.S. EPA's direction, and will remain offline until it is run during a High Grade Pumping event based on groundwater elevation trigger levels.

8. The water treatment system was operational on March 29, 2009 pumping from production wells PROD_15 and PROD_24.

Planned Activities – 2nd 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 new sentinel and POC wells.
 - Quarterly groundwater monitoring of the newly installed barrier wall monitoring wells.
 - Quarterly groundwater monitoring of the newly installed southwest quad monitoring wells.
 - River observations along the barrier wall and Gulf Park river banks.
 - 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 (713) 432-2749 or Doug Lam (Trihydro Corporation) at (513) 353-1323, ext. 23.

Sincerely,



Chris M. Aneiros – Site Manager
Chevron Cincinnati Facility
Chevron Environmental Management Company

500-017-012

cc: Harold O'Connell – OEPA