

US EPA ARCHIVE DOCUMENT



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October 11, 2007

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. DE-9J
Chicago, IL 60604-3590

Re: 3rd Quarter 2007 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, covering the time period from July 1, 2007 to September 30, 2007. 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 3rd quarter of 2007:
 - A report dated July 15, 2007 summarizing the Administrative Order on Consent quarterly progress report.
 - A report dated July 18, 2007 summarizing the Soils and Sludges Remedy quarterly progress report.
 - A letter dated August 24, 2007 presenting Chevron's response to U.S. EPA's comments regarding the Remedial Implementation and Operations, Maintenance and Monitoring Plans, including revised RIP and OMM reports.
 - A letter dated September 13, 2007 notifying U.S. EPA that Chevron planned to install the Sentinel Wells, Point of Compliance Wells, and ROST Transects in accordance with the Remedial Implementation Plan.

2. The U.S. EPA was copied on the following correspondence submitted by Chevron to other parties in the 3rd quarter of 2007:
 - A report dated July 18, 2007 sent to Mr. John Barlage of Hamilton County Environmental Services presenting the quarterly report for the HSVE system.

- A report dated July 18, 2007 sent to Mr. John Barlage of Hamilton County Environmental Services presenting the semiannual report for the HSVE system.
 - A report dated July 18, 2007 sent to Mr. John Barlage of Hamilton County Environmental Services presenting the quarterly report for 40 Tank.
 - A report dated July 18, 2007 sent to Mr. John Barlage of Hamilton County Environmental Services presenting the quarterly report for 70 Tank.
 - A memo dated July 10, 2007 sent to the Chevron CAP members presenting the May/June monthly facility update.
 - A memo dated August 22, 2007 sent to the Chevron CAP members presenting the July monthly facility update.
 - A memo dated September 11, 2007 sent to the Chevron CAP members presenting the August monthly facility update.
3. Chevron received the following correspondence from the U.S. EPA and/or the Ohio EPA in the 3rd quarter of 2007:
 - A letter dated July 17, 2007 presenting U.S. EPA's comments on the Operation, Maintenance, and Monitoring Plan & the Remedy Implementation Plan for the Final Groundwater Remedy.
 4. On September 8th, Chevron held its annual open house and tour. Lunch was served, and about 40 people went on the tour of the facility.
 5. Work with the 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.
 6. The following monitoring activities/field investigations were conducted in the 3rd quarter of 2007:
 - Trigger level monitoring and operation of the HSVE and Gulf Park Bioventing systems.
 - Monitoring and implementation for hi-grade groundwater recovery.
 7. The soils remedy project was largely completed in the 2nd quarter of 2007. However, soil confirmation samples revealed that more excavation will be required at the former Elco processing area. This work is scheduled for the 4th quarter of 2007. Confirmation samples of the re-excavated areas will be collected and analyzed.
 8. The Gulf Park Bioventing system remained operational the entire quarter.
 9. The Hooven HSVE system was restarted on July 17th, and remained operational for the rest of the month.

10. The water treatment system remained in dual train operation during the 3rd quarter of 2007.
11. Hi-Grade recovery operations began on June 20th with production well PROD_12 chosen as the initial primary recovery well because it was recently rehabilitated. Due to operational parameters, groundwater level drawdown, and capacity of the treatment system, operation of PROD_12 was stopped on July 11th, and production wells PROD_19, PROD_21, and PROD_23 have been used for Hi-Grade recovery operations since then. Through the end of September, 58,684 gallons of hydrocarbon have been recovered.
12. Starting September 17th, Chevron began installing a new groundwater production well in Hooven, outside the former Bell Industries building. The new well will allow for the pumping and recovery of contaminated groundwater and gasoline and diesel fuel from underneath Hooven. The groundwater and fuel will be directed back to the facility for treatment and processing via underground piping through a boring under SR 128. Chevron anticipates that the new well will be operational in the first part of the 4th quarter of 2007.
13. In accordance with Chevron's letter dated September 13, 2007, Chevron completed the installation of sentinel monitoring wells, point-of-compliance monitoring wells, and ROST transects along the SR 128 right-of-way in front of the Kroger store, behind the rear of the store, and further to the west towards the Whitewater Reclamation landfill. These wells and transects were installed prior to the end of the 3rd quarter of 2007. The wells will be monitored for the first time during the 2nd semiannual groundwater monitoring event during the 4th quarter of 2007. They will be monitored quarterly for the first two years after installation to establish a baseline of sampling data.
14. The water treatment system and the water production wells were temporarily off-line (as indicated below) due to power failures and maintenance activities at the facility:

August 1st ~1910-2030 (power failure)

August 8th ~0715-0830 (power failure)

August 14th ~1400-1430 (power failure)

September 5th ~0945-1200 (water line maintenance)

September 14th ~0845-1415 (water line maintenance)

Planned Activities – 4th Quarter 2007

1. The following monitoring and fieldwork activities are planned:
 - Gulf Park system trigger level monitoring and operation, if appropriate.

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- Hooven HSVE system trigger level monitoring and operation, if appropriate.
 - Miscellaneous field investigations to support the Soils Remedy off-site consolidation project.
 - Miscellaneous field investigations related to Final Groundwater Remedy implementation.
 - Groundwater recovery operations.
 - Bi-monthly groundwater monitoring.
 - Semiannual groundwater monitoring.
2. Backfilling, surface contouring, and reseeded activities associated with the soils remedy project will continue.
 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 (714) 671-3532 or Chris Aneiros (Trihydro Corporation) at (513) 353-1323, ext. 23.

Sincerely,



By Chris Aneiros, Trihydro Corporation, as agent for
Chevron Environmental Management Company

Randy W. Jewett – Site Manager
Chevron Cincinnati Facility
Chevron Environmental Management Company

500-017-010

cc: Harold O'Connell – OEPA