

US EPA ARCHIVE DOCUMENT



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April 14, 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: 1st 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 January 1, 2007 to March 31, 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 1st quarter of 2007:
 - A report dated January 22, 2007 summarizing the Soils and Sludges Remedy quarterly progress report.
 - A plan dated February 28, 2007 presenting the Remedial Implementation Plan for the Groundwater Remedy.
 - A plan dated February 28, 2007 presenting the Operation, Maintenance, and Monitoring Plan for the Groundwater Remedy.
 - A report dated February 28, 2007 presenting an evaluation of engineering options along the Great Miami River for the Gulf Park site.
2. The U.S. EPA was copied on the following correspondence submitted by Chevron to other parties in the 1st quarter of 2007:
 - A report dated January 22, 2007 sent to Mr. John Barlage of Hamilton County Environmental Services presenting the quarterly report for the HSVE system.
 - A report dated January 22, 2007 sent to Mr. John Barlage of Hamilton County Environmental Services presenting the semiannual report for the HSVE system.

3. Chevron received the following correspondence from the U.S. EPA and/or the Ohio EPA in December:
 - A letter dated March 27, 2007 presenting EPA's comments on the Evaluation of Engineering Controls along the Great Miami River at the main site.
4. A CAP meeting was held at the Whitewater Senior Center and Township Hall on February 7, 2007. Chevron presented an overview of ongoing projects and an update regarding recent Hooven soil vapor sampling results. Another CAP meeting was held on March 7, 2007. Chevron presented an overview of ongoing projects. Mr. Ken Perica of Lustran Polymers gave a presentation on the Lanxess facility located in Addyston. The next CAP meeting is scheduled for April 11, 2007.
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 1st quarter of 2007:
 - Trigger level monitoring of the Gulf Park Bioventing system.
 - Monitoring for hi-grade groundwater recovery.
7. The soils remedy project was ongoing in the 1st quarter of 2007.
 - Excavation of SWMU 33 and SWMU SS continued. SWMU SS is adjacent to SWMU 33, and they are being excavated together. A total of 7,512 tons of hazardous soil from SWMUs 33 and SS was excavated and shipped in 320 truckloads to the Heritage Subtitle C landfill in Roachdale, Indiana for disposal during the 1st quarter of 2007.
 - Excavation of the cooling tower blow down area was completed. A total of 1,889 tons of soil was shipped in 79 truckloads to the Waste Management Stony Hollow facility in Dayton, Ohio for disposal during the 1st quarter of 2007. A total of 7,625 tons of soil was shipped in 334 truckloads since beginning excavation in the cooling tower blow down area in December 2006.
 - Disposal of North Tank Farm lead impacted soils was completed. A total of 381 tons of soil was shipped in 16 truckloads to the Waste Management Stony Hollow facility in Dayton, Ohio for disposal during the 1st quarter of 2007. A total of 9,128 tons in 413 truckloads was excavated and disposed from the North Tank Farm since disposal began on October 20, 2006.
 - Excavation of the former Elco processing area began. A total of 27,683 tons of soil was shipped in 1,224 truckloads to the Waste Management Stony Hollow facility in Dayton, Ohio for disposal during the 1st quarter of 2007.

8. Data from the miscellaneous field investigations performed to support the soils remedy project continued to be collected and evaluated. It is anticipated that excavation and disposal activities for all SWMUs and AOCs included in the soils remedy workplan except for those areas located under and adjacent to the groundwater treatment system will be completed during the second quarter of 2007.

Therefore, Chevron anticipates that ambient air particulate and lead monitoring will cease when the excavation and disposal activities cease during the second quarter of 2007. Chevron anticipates that the remaining areas, SWMUS 24, 25, 26, and 90% of SS, located under and adjacent to the groundwater treatment system, will be addressed after the groundwater treatment system is no longer operational. At that time, ambient air particulate and lead monitoring will again be implemented when the SWMUs are being excavated and transported for disposal. The groundwater treatment system will remain operational in accordance with the Operations, Maintenance, and Monitoring Plan.

9. The Gulf Park Bioventing system was not operated during the 1st quarter of 2007, as groundwater levels remained above the trigger level. The system will be restarted when water levels decline to acceptable levels.
10. The Hooven HSVE system was not operated during the 1st quarter of 2007, as groundwater levels remained above the trigger level. The system will be restarted when water levels decline to acceptable levels, and in accordance with the Operations, Maintenance, and Monitoring Plan.
11. The water treatment system remained in single train operation in the 1st quarter of 2007.
12. Groundwater recovery operations continue at production well 19 at a rate similar to normal seasonal operation.
13. 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:

January 13th ~ 0400-0630 (power outage)

February 3rd ~ 0155-0225 (power outage)

February 7th ~ 0300-0645 (power outage)

February 11th ~ 1150-1220 (maintenance)

February 13th ~ 1710-1815 (power outage)

February 24th ~ 0430-0450 (power outage)

March 3rd ~ 0730-1230 (power pole maintenance)

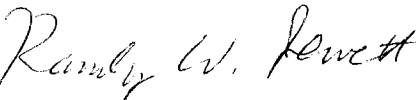
14. Chevron completed the purchase of property located in the Southwest Quad area. This will facilitate the installation of monitoring wells as described in the Remedial Implementation Plan.

Planned Activities – 2nd Quarter 2007

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


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

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

500-017-010

cc: Harold O'Connell – OEPA