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Comments: NOTE: UPDATE FOR SHERWIN-WILLIAMS SITE IN EMERYVILLE, CA.

Please address questions to any of the undersigned:

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MONTHLY SUMMARY REPORT
SHERWIN-WILLIAMS, EMERYVILLE, CALIFORNIA
February 1998

I. ACTIONS TAKEN: JANUARY 1998**A. IRMs***Extraction and Treatment System Expansion*

- Evaluated alternatives and costs for expansion of existing electro-chemical co-precipitation system. Assessed potential alternative technologies for groundwater treatment and costs for treatability studies.
- Requested permission from the City of Emeryville for connection to sanitary sewer system based on previous permit approval by EBMUD. City's initial response was to deny the sewer connection pending further discussions and receipt of additional information.
- Compiled data from pump testing of wells within the slurry wall, which will be used to evaluate placement of additional wells within the slurry wall.

Stormwater Handling

- Continued operation of treatment system treating groundwater/stormwater previously collected in tanks with discharge of treated effluent to Temescal Creek. Groundwater extraction wells remained off while treating water from the storage tanks.
- Collected additional stormwater in tanks from within the secondary containment area around the tanks. Other discharge of clean stormwater from the northern part of the site was from the multi-point stormwater collection system.

Completion Reports

- Prepared completion reports including the report on the Horton Street remediation and the stormwater summary report.

B. Site Investigation

- Received comments from the Consultative Workgroup and modifications relating to the tentative Site Cleanup Requirements Order. Consultative Workgroup meeting on January 8 included extensive discussion on the Order.
- Received data from the sampling of the four new wells on Horton Street downgradient from the former Shell Development facility. Data submitted to Shell and Chiron was later included in the quarterly monitoring report.

C. NPDES and Groundwater Monitoring

- Measured water levels in wells.

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- Operated treatment system and monitored NPDES parameters with discharge to Temescal Creek.

D. Other Tasks

- Mediation between Sherwin-Williams, Chiron and Shell.
- Met with Consultative Workgroup on January 8, 1998.
- Conducted risk analyses of retaining wall on Sherwin-Williams property adjacent to Horton Street sidewalk. Risk analyses based on previous wipe and precipitate sampling.

II. ACTIONS EXPECTED: FEBRUARY 1998

A. IRMs

Extraction and Treatment System Expansion

- Evaluated alternatives and costs for expansion of existing electro-chemical co-precipitation system. Discussed with other contractors to assess potential alternative technologies for groundwater treatment and costs for treatability studies.
- Meet with City of Emeryville to discuss connection to sanitary sewer system based on previous permit approval by EBMUD. City Manager indicated verbally that Sherwin-Williams would receive approval for one year for sewer connection. City and Sherwin-Williams currently working out an agreement regarding the encroachment permit for connection to the sewer system.
- Evaluate data from pump testing of wells within the slurry wall, which will be used to evaluate placement of additional wells within the slurry wall.

Stormwater Handling

- Operated treatment system treating groundwater/stormwater previously collected in tanks with discharge of treated effluent to Temescal Creek. Groundwater extraction wells remained off until around mid-February while treating tanks with water above 5 ppm arsenic. After completing treatment of all water in excess of 5 ppm, the treatment of tank water was discontinued, and the extraction wells were brought back on-line.
- Additional stormwater collected in tanks from within the secondary containment area around the tanks. Other discharge of clean stormwater from the northern part of the site was from the multi-point stormwater collection system.

Completion Reports

- Prepare completion reports including the report on the Horton Street remediation and the stormwater summary report. The Rifkin property report

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on demolition and disposal of the south brick wall was submitted to Chiron for review.

B. Site Investigation

- Continue with receipt of comments from the Consultative Workgroup for the tentative Site Cleanup Requirements Order. Consultative Workgroup met on February 4. The meeting included extensive discussion on the Order. RWQCB finalized the tentative order on February 9, and the order was adopted on February 18.

C. NPDES and Groundwater Monitoring

- Sampling of wells and measurement of water levels for the first quarter 1998 is anticipated to be conducted at the end of February.
- Continue operation of treatment system and monitoring NPDES parameters with discharge to Temescal Creek.
- Submit 1997 annual summary and 4th quarter 1997 NPDES monitoring report to the RWQCB. Fourth quarter 1997 groundwater monitoring report was also submitted to the RWQCB.

D. Other Tasks

- Consultative Workgroup meeting on February 4.
- Submit risk analyses of retaining wall on Sherwin-Williams property adjacent to Horton Street sidewalk to the RWQCB in a report dated February 2. Risk analyses based on previous wipe and precipitate sampling. Analyses concluded that "concentrations of arsenic and lead detected in wipe and precipitate samples from the wall are not a public health threat to area residents or workers." Sherwin-Williams is awaiting approval from the RWQCB for this report.

III. PLANNED ACTIVITIES: MARCH 1998

A. IRMs

Extraction and Treatment System Expansion

- Continue with evaluation of alternatives and costs for expansion of existing electro-chemical co-precipitation system. Based on assessment of potential alternative technologies for groundwater treatment, Sherwin-Williams will proceed with treatability studies, and a work plan will be submitted to the RWQCB.
- Proceed with sewer connection and discharge of treatment system effluent to EBMUD upon approval by City of Emeryville of encroachment permit.
- Evaluate placement of additional wells within the slurry wall based on pump test data.

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Stormwater Handling

- Continue monitoring of tanks containing stormwater/groundwater mixture. Evaluate options to either continue storing water onsite with subsequent treatment by the on-site system or implementing off-site disposal.
- No further stormwater to be collected in tanks from within the secondary containment area around the tanks. Discharge of clean stormwater from the northern part of the site will be from the multi-point stormwater collection system.

Completion Reports

- Finalize completion reports including the report on the Horton Street remediation and the stormwater summary report, and submit to the RWQCB by the end of March. Upon receipt of comments from Chiron, submit the Rifkin property report on demolition and disposal of the south brick wall to the RWQCB.

B. Site Investigation

- Begin implementation of the tasks under the Site Cleanup Requirements Order. Begin work on the Health and Safety Plan, Quality Assurance Project Plan, Current Site Conditions, Site Use History, Human-Made Conduits Evaluation, Public Participation Plan, and adjacent property access agreements.

C. NPDES and Groundwater Monitoring

- Compile data for the quarterly monitoring reports.
- Continue operation of treatment system and monitoring NPDES parameters with discharge to Temescal Creek.

D. Other Tasks

- Upon approval by the RWQCB, remove fence and plastic covering on the retaining wall on Sherwin-Williams property adjacent to Horton Street sidewalk.

IV. ACTION ITEMS BY OTHERS

- Need approval from the City for the encroachment permit to discharge to the sanitary sewer.
- RWQCB approval of the risk analyses conducted on the retaining wall on Horton Street.
- Chiron to approve wall demolition and disposal report prior to Sherwin-Williams submittal to the RWQCB.

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V. COMPLIANCE WITH ORDER

- At this time no obstacles have been identified which threaten compliance with the requirements of the Order.