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Comments: ATTACHED IS THE MONTHLY STATUS REPORT FOR THE SHERWIN-WILLIAMS SITE IN EMERYVILLE, CALIFORNIA.

Please address questions or comments to any of the undersigned:

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**MONTHLY SUMMARY REPORT
SHERWIN-WILLIAMS, EMERYVILLE, CALIFORNIA
December 1998**

I. ACTIONS TAKEN – NOVEMBER 1998

A. IRMS

Extraction and Treatment System Expansion

- MSE continued with equipment procurement, tank fabrication, and equipment delivery in preparation for construction of the new groundwater treatment system. MSE received bids from mechanical subcontractors for installation of the new treatment system. MSE selected the mechanical subcontractor and authorized field construction of the new system. The existing treatment system will continue to be operated during construction of the new system.
- LFR continued with the design of the carbon treatment system, which will be installed in-line after the MSE system for treating influent organic compounds. Procurement of the equipment was initiated.
- LFR submitted a cost and feasibility analysis for the proposed and alternative technologies to supplement the NPDES permit modification request previously submitted. The RWQCB reviewed the NPDES permit modification request.
- The inward hydraulic gradient across the slurry wall was maintained during November.
- The installation of the expanded on-site extraction system continued. The installation of subsurface pipe trenches was completed and the aboveground piping and wellhead construction was substantially complete by the end of November.

Stormwater Handling

- Continued monitoring of the storm-drain system. The first major storm of the wet season occurred and the surface stormwater was discharged to Temescal Creek from the multi-point system. Periodic sampling of the multi-point system discharge was conducted.
- The RWQCB previously approved the surface stormwater design along the western railroad tracks. LFR applied for a permit with Alameda County to connect the drainage pipe to the existing manhole adjacent to Temescal Creek. The County approved the connection. Sherwin-Williams and the UPRR negotiated access agreements for installing the stormwater collection trench.

Miscellaneous IRMs

- Sherwin-Williams has decided to conduct additional monitoring during the 1998/1999 wet season and after installation of the new GWETS to determine if on-site railroad track infiltration remains an issue.

Completion Reports

- The Horton Street completion report is undergoing internal review and will be submitted to the RWQCB after it is finalized.

B. Site Investigation

- Work continued on the implementation of the tasks under the SCR Order. Entrix continued to work on the remedial investigation Workplan Addendum that will supplement the CCR and identify data gaps and additional remedial investigation tasks necessary for the site. Entrix will address any written comments from the CWG as well as input from the CWG technical subcommittee before submitting the Workplan Addendum. A CWG meeting occurred on November 12th and data gaps and workplan addendum issues were discussed.
- Additional investigation to locate the former deep well (closure status unknown) continued and the top of the well casing was finally located. Further concrete coring was scheduled to assess whether the concrete plug is near the ground surface or extends deeper. Recommendations for well abandonment (if necessary) will be determined after completing the concrete coring.

C. NPDES and Groundwater Monitoring

- LFR evaluated the data from the fourth quarter groundwater sampling and water level measurements collected in October.
- Continued operation of treatment system and monitoring NPDES parameters with discharge to Temescal Creek.

D. Community Relations

- Telephone message updates, City briefings and coordination with the local residents and businesses was conducted as needed to keep the local community informed of current activities.
- A CWG meeting was held on November 12th.

- DHS submitted a draft dust-sampling plan for the 45th Street Artists Coop. A meeting was conducted by the DHS at the 45th Street Artists Coop on November 9th to discuss the plan.

II. ACTIONS EXPECTED – DECEMBER 1998

A. IRMS

Extraction and Treatment System Expansion

- MSE and their mechanical subcontractor will continue with field construction of the new groundwater treatment system. The existing treatment system will continue to be operated during construction of the new system.
- LFR has finalized the carbon design and will begin procurement and installation of the carbon equipment. The concrete pads for the carbon system were constructed at the beginning of December.
- The RWQCB completed their review of the NPDES permit modification request and approved discharge for the new treatment system under the existing permit until the permit expires in July 1999. LFR will submit a complete permit application to the RWQCB in December for renewal of the NPDES permit to be effective in July 1999.
- The installation of the expanded on-site extraction system was completed and the extraction system will be tested to verify proper operation of the new extraction wells. The extraction wells will be connected to the existing treatment system and the new extraction wells will be brought on-line.
- It is anticipated that the inward hydraulic gradient across the slurry wall will be maintained during December.

Stormwater Handling

- Continue monitoring of the storm-drain system on-site. The surface stormwater will be discharged to Temescal Creek from the multi-point system. Periodic sampling of the multi-point system discharge will be conducted.
- Access approval was received from the railroad for installing the shallow stormwater collection trench west of the Sherwin-Williams site. Groundwater levels were measured around the railroad tracks, which indicated the groundwater levels have risen over 2.5 feet. In the short term due to the high water levels, Sherwin-Williams has decided not to install the collection trench and discharge to Temescal Creek. Instead the railroad track area and water levels will be monitored to determine if flooding becomes an

issue. With the rains to date, the track area has not experienced significant flooding. LFR, S-W and UPRR will evaluate alternative longer-term solutions for dealing with drainage in the railroad area.

Completion Reports

- The Horton Street completion report is undergoing internal review and will be submitted to the RWQCB after it is finalized.

B. Site Investigation

- Work will continue on the implementation of the tasks under the SCR Order. Entrix will continue to work on the remedial investigation Workplan Addendum that will supplement the CCR and identify data gaps and additional remedial investigation tasks necessary for the site. Chiron has requested to review the draft Workplan Addendum before it is submitted to the CWG, which will extend the submittal date to January 1999.
- A driller has been scheduled for January 1999 to drill into the abandoned on-site deep well in order to determine its condition. Recommendations for abandonment of the former deep well on-site (if necessary) will be submitted to the RWQCB once the drilling is complete.

C. NPDES and Groundwater Monitoring

- LFR will evaluate the data from the fourth quarter groundwater sampling and water level measurements collected in October. LFR will begin to prepare the fourth quarter groundwater monitoring report.
- Continue operation of treatment system and monitoring NPDES parameters with discharge to Temescal Creek. LFR will begin to prepare the fourth quarter NPDES monitoring report.

D. Community Relations

- Telephone message updates, City briefings and coordination with the local residents and businesses will be conducted as needed to keep the local community informed of current activities.

LFR Levine-Fricke

Evaluation of Existing IRMs (Final)

August 10, 1998*

Workplan Addendum for Site
Investigations

January 11, 1999

*** FINAL REPORT SUBMITTED**

- A revised schedule to address the remaining Tasks required under the SCR Order will be submitted with the Workplan Addendum. No other obstacles have been identified which threaten compliance with the Order.

III. PLANNED ACTIVITIES – JANUARY 1999

A. IRMS

Extraction and Treatment System Expansion

- MSE and their mechanical subcontractor will complete the field construction of the new groundwater treatment system. Testing and start-up of the new system will occur in January. The existing treatment system will continue to be operated during testing of the new system.
- LFR will complete the installation of the carbon equipment to follow in series after the MSE system.
- The RWQCB will begin review of the NPDES permit renewal application for the treatment system submitted in December 1998. The renewal of the NPDES permit will be effective in July 1999.
- It is anticipated that the inward hydraulic gradient across the slurry wall will be maintained in January. The expanded extraction system and the new treatment system will further improve capture and the ability to maintain an inward gradient at the site.

Stormwater Handling

- Continue monitoring of the storm-drain system on-site. The surface stormwater will be discharged to Temescal Creek from the multi-point system. Periodic sampling of the multi-point system discharge will be conducted.
- The water levels in the railroad track area to the west will be monitored to determine if flooding becomes an issue. LFR, S-W and UPRR will evaluate the need to install a surface drainage system or alternative longer-term solutions for dealing with drainage in the railroad area.

Completion Reports

- The Horton Street completion report is undergoing internal review and will be submitted to the RWQCB after it is finalized.

B. Site Investigation

- Work will continue on the implementation of the tasks under the SCR Order. Entrix will continue to work on the remedial investigation Workplan Addendum that will supplement the CCR and identify data gaps and additional remedial investigation tasks necessary for the site. The Workplan Addendum is scheduled to be submitted by January 11, 1999.

LFR Levine-Fricke

- A driller will drill into the abandoned on-site deep well in order to determine its condition. Recommendations for abandonment of the former deep well on-site (if necessary) will be submitted to the RWQCB once the drilling is complete and the well is evaluated.

C. NPDES and Groundwater Monitoring

- LFR will evaluate the data from the fourth quarter groundwater sampling and water level measurements collected in October. The fourth quarter groundwater monitoring report will be submitted to the RWQCB and will include the groundwater results from the sampling of the new extraction wells on-site.
- Continue operation of treatment system and monitoring NPDES parameters with discharge to Temescal Creek. The fourth quarter NPDES monitoring report will be submitted to the RWQCB.

D. Community Relations

- Telephone message updates, City briefings and coordination with the local residents and businesses will be conducted as needed to keep the local community informed of current activities

IV. ACTION ITEMS BY OTHERS

- Sherwin-Williams anticipates receiving Chiron comments on the draft Workplan Addendum by December 18, 1998

V. COMPLIANCE WITH ORDER

The following deliverables for tasks, currently ongoing, are anticipated to be submitted by the dates noted. The tasks and schedule are in accordance with the SCR Order.

<u>Task</u>	<u>Anticipated Delivery Date</u>
Public Participation Plan (Final)	April 17, 1998*
Current Site Conditions, Site Use History, and Human-Made Conduits (Final)	June 19, 1998*
Health and Safety Plan (Final)	July 8, 1998*
QAPP (Final)	July 16, 1998*