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Date	November 16, 1998
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Project No.	3042.95-001

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

This report has also been emailed to those who provided addresses. Beginning next month, it will only be faxed to those who do not request it electronically.

Please address questions or comments to any of the undersigned:

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

I. ACTIONS TAKEN – OCTOBER 1998

A. IRMS

Extraction and Treatment System Expansion

- MSE continued with equipment procurement, tank fabrication, and equipment delivery and poured concrete footings in preparation for construction of the new groundwater treatment system. MSE submitted plans and specifications to mechanical contractors for bidding on the installation of the new groundwater treatment system. The existing treatment system will continue to be operated during construction of the new system.
- LFR submitted a NPDES permit modification request to the RWQCB. LFR will meet with the RWQCB to verify that permit modification issues are addressed. The RWQCB requested additional analyses of cost and feasibility for the proposed and alternative technologies to supplement the permit modification request submitted.
- Water levels measured in well/piezometer pairs in October continue to indicate an inward groundwater gradient across the slurry wall.
- Sherwin-Williams has decided not to proceed with sewer connection and discharge of treatment system effluent to EBMUD because the City has not approved the encroachment permit to connect to the sanitary sewer.
- The installation of the expanded on-site extraction system began at the beginning of October. The construction contractor mobilized to the site and initially performed the above-ground pipe installation, however, the underground work was delayed pending City permit approval. City permit approval was finally received by mid-October and the underground trenching was initiated.

Stormwater Handling

- Continued monitoring of the storm-drain system. Some precipitation occurred at the end of October and the multi-point system was on-line to discharge surface stormwater to Temescal Creek. The discharge from the multi-point system will be periodically monitored during the rainy season.
- A draft drawing was submitted to the Union Pacific Railroad showing the proposed design of the near surface stormwater interceptor trench just west of the Sherwin-Williams site. Sherwin-Williams and the Union Pacific Railroad discussed the plans for addressing surface stormwater issues along

the railroad tracks. These recommendations were also reviewed with the RWQCB. The existing line continued to remain plugged to prevent discharge of infiltrating groundwater from the line. A permit application was submitted to the railroad requesting access for installation of the stormwater interceptor pipe.

Miscellaneous IRMs

- The design for the rainwater collection system to address infiltration around the railroad tracks on-site was further evaluated and, based on the presence of limited ballast identified from previous pot-holing, it appears that a subsurface water collection system may not be effective. 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 before submitting the Workplan Addendum. A CWG meeting was held on October 27th to further address data gaps and workplan addendum issues. It is anticipated the Workplan Addendum will be submitted by the end of December 1998.
- The data from the field investigation activities on the Rifkin property were received from the lab, QC'd and entered in the database. The data was also submitted to Chiron.
- The data from sampling and analyses for the new on-site extraction wells was received from the laboratory and entered in the site database. The groundwater data for the new extraction wells will be included in the 4th quarter groundwater monitoring report.
- LFR continued to implement the workplan (submitted in August) for investigation to locate the former deep well (closure status unknown). The initial excavation to locate the well was implemented which identified a circular pipe that was initially assumed to be the top of the former well casing. The need for additional excavation was identified when it was

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determined that the circular pipe was not the well. The deep well was subsequently located and was found to be plugged at surface with concrete.

C. NPDES and Groundwater Monitoring

- Groundwater samples and water level measurements were collected for the fourth quarter 1998. The quarterly groundwater monitoring report was submitted to the RWQCB.
- Continued operation of treatment system and monitoring NPDES parameters with discharge to Temescal Creek. The quarterly NPDES groundwater monitoring report was submitted to the RWQCB.

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 will be held on October 27th.
- DTSC submitted a draft report for review by the CWG which is entitled "Evaluation of Lead and Arsenic Levels In and Near the 45th Street Artists' Cooperative and Horton Street Lofts, Emeryville, California."

II. ACTIONS EXPECTED – NOVEMBER 1998**A. IRMS*****Extraction and Treatment System Expansion***

- MSE will continue 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 will select the mechanical contractor and authorize field construction of the new system by the end of the month. The existing treatment system will continue to be operated during construction of the new system.
- LFR submitted a cost and feasibility analyses for the proposed and alternative technologies to supplement the permit modification request previously submitted. The RWQCB will review the NPDES permit modification request.
- It is anticipated that the inward hydraulic gradient across the slurry wall will be maintained during November.

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- The installation of the expanded on-site extraction system will continue. The installation of subsurface pipe trenches is complete and the aboveground piping and wellhead construction should be substantially complete by the end of November.

Stormwater Handling

- Continue monitoring of the storm-drain system. The first major storm of the wet season began and the surface stormwater was discharged to Temescal Creek from the multi-point system. Periodic sampling of the multi-point system discharge will be conducted.
- The RWQCB has 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. Once access approval is received from the railroad and the County, the stormwater collection trench will be installed and the conveyance piping will be connected to the existing stormwater catch basin that discharges to Temescal Creek.

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 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. 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. It is anticipated the Workplan Addendum will be submitted by the end of December 1998.
- 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 will be implemented 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 will evaluate the data from the fourth quarter groundwater sampling and water level measurements collected in October.
- Continue 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 will be 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.

III. PLANNED ACTIVITIES – 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.
- The RWQCB will continue to review the NPDES permit modification request and Sherwin-Williams is requesting that approval be granted in December.
- The installation of the expanded on-site extraction system will be completed and the extraction system will be connected to the existing treatment system.
- It is anticipated that the inward hydraulic gradient across the slurry wall will be maintained during December.

Levine-Fricke-Recon**Stormwater Handling**

- Continue monitoring of the storm-drain system. 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.
- Assuming that access approval is received from the railroad and Alameda County, the stormwater collection trench will be completed and the conveyance piping will be connected to the existing stormwater catch basin that discharges to Temescal Creek.

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 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. Entrix will address any written comments from the CWG as well as input from the CWG technical subcommittee before submitting the Workplan Addendum. No CWG meeting is scheduled for December for the final discussion of data gaps and workplan addendum issues. It is anticipated the Workplan Addendum will be submitted by mid-December 1998.
- Recommendations for abandonment of the former deep well on-site (if necessary) will be submitted to the RWQCB.

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.

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- 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 seeks input from the CWG on the development of the Workplan Addendum for additional site investigation.
- Need approval from the RWQCB for the NPDES permit modification.
- Need approval from the Union Pacific Railroad to install the shallow stormwater collection system on the railroad tracks to the west.

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>
Health and Safety Plan (1 st submittal)	April 6, 1998*
Public Participation Plan (Final)	April 17, 1998*
QAPP (1 st submittal)	April 30, 1998*
Evaluation of Existing IRMs (1 st submittal)	May 20, 1998*
Current Site Conditions, Site Use History, and Human-Made Conduits	June 19, 1998*
Health and Safety Plan (Final)	July 8, 1998*
QAPP (Final)	July 16, 1998*
Evaluation of Existing IRMs (Final)	August 10, 1998*
Workplan Addendum for Site Investigations	mid-December, 1998

* REPORT SUBMITTED

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- Requests for extension for the Workplan Addendum for site investigation was submitted in letters to the RWQCB dated June 9, 1998 and July 20, 1998. No other obstacles have been identified which threaten compliance with the Order.