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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.

Please address questions or comments to any of the undersigned:

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

I. ACTIONS TAKEN – SEPTEMBER 1998

A. IRMS

Extraction and Treatment System Expansion

- The report summarizing the treatability study results for the arsenic groundwater treatment technologies prepared by MSE was made available at the Sherwin-Williams plant for review by the RWQCB and DTSC. The full treatability report was not submitted to the agencies since the MSE treatment technology is proprietary. A condensed version of the report was submitted to the agencies without reference to the proprietary technology.
- MSE continued with the equipment procurement for the groundwater treatment system. Miscellaneous demolition of concrete pads and footings in the treatment system area was implemented in anticipation of installation of the new treatment system.
- LFR contacted the RWQCB to determine what documentation has to be submitted for the NPDES permit modification.
- Sherwin-Williams anticipates proceeding with sewer connection and discharge of treatment system effluent to EBMUD if and when the City approves of an encroachment permit to connect to the sanitary sewer.
- The driller completed the installation of the on-site extraction wells in the beginning of September. Well development and sampling of the extraction wells was completed.
- The installation of the expanded on-site extraction system was on-hold pending the determination of permitting requirements. The RWQCB, Sherwin-Williams and the City met to discuss the CEQA issue. The City agreed to work with Sherwin-Williams for issuing a grading permit after which the installation of the extraction system piping will begin.

Stormwater Handling

- Continue monitoring of the storm-drain system. No significant precipitation occurred at the site in September. LFR hydroflushed, checked and, where necessary, repaired the multi-point system to ensure the equipment is functional for the upcoming rainy season. The multi-point system was ready for operation by the end of September.
- Sherwin-Williams and the Union Pacific Railroad continued discussions to determine how to address groundwater infiltration issues with respect to the

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drainage pipe along the railroad tracks just west of the Sherwin-Williams site. Union Pacific Railroad authorized installation of a plug in the line to eliminate flow to the creek as requested by the RWQCB. The plug was installed mid-September. Union Pacific Railroad requested that a long-term plan be developed to prevent flooding in this area during heavy rains. LFR worked on the design for a shallow water collection trench for handling surface water around the tracks.

Miscellaneous IRMs

- The design for the rainwater collection system to address infiltration around the railroad tracks on-site was further evaluated and pot-holing was implemented around the tracks to determine the actual extent of railroad ballast.

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 continues 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 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. Issues relating to facility history, hydrogeology, groundwater and soil sampling programs, data gaps and schedule for submittal of the addendum were discussed at the September 10, 1998 CWG meeting. Entrix anticipates that the Workplan Addendum will be submitted by the end of December 1998.
- LFR field investigation activities on the Rifkin property were completed and lab analyses data was reviewed for QA/QC and entered in the site database after receipt from the laboratory.
- LFR implemented the new extraction well sampling and analyses in accordance with the letter submitted to the RWQCB in August 1998.
- LFR began to implement the workplan (submitted in August) for investigation to locate the former deep well (closure status unknown). The relocation of the stormwater tank overlying the excavation area was completed. Excavation necessary to locate the well (to be completed by the extraction system contractor) was on hold pending approval of the City grading permit for installation of the extraction system.

C. NPDES and Groundwater Monitoring

- Continued to evaluate the data from the third quarter groundwater sampling and water level measurements collected in July. LFR began preparation of the quarterly groundwater monitoring report.
- Continued operation of treatment system and monitoring NPDES parameters with discharge to Temescal Creek. LFR began preparation of the quarterly NPDES monitoring report.

D. Community Relations

- The CWG met on September 10, 1998 to discuss issues relating to facility history, hydrogeology, groundwater and soil sampling programs, data gaps and schedule for submittal of the addendum for the project. The results from the technical subcommittee meeting in August were also discussed.
- City briefings and coordination with the local residents and businesses were conducted as needed to keep the local community informed of current activities. The telephone message line was periodically updated to keep interested parties updated on site activities.

II. ACTIONS EXPECTED – OCTOBER 1998

A. IRMS

Extraction and Treatment System Expansion

- MSE continued with equipment procurement, tank fabrication, and equipment delivery and poured concrete footing in preparation for construction of the new groundwater treatment system. MSE will submit plans and specifications to mechanical contractors for bidding on the installation of the new 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 all permit modification issues are addressed.
- A removal application will also be submitted to EBMUD requesting a 1-year extension to the previously approved permit for discharge to the sanitary sewer.
- Sherwin-Williams anticipates proceeding with sewer connection and discharge of treatment system effluent to EBMUD if and when the City approves of an encroachment permit to connect to the sanitary sewer.

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- The installation of the expanded on-site extraction system is anticipated to begin when the City approves of the grading permit. The construction contractor has mobilized to the site to begin above-ground pipe installation, however, the underground work is on hold pending City permit approval. The contractor may demobilize from the site if the City does not approve the grading permit by mid-October. LFR has placed numerous phone calls to City staff with no response.

Stormwater Handling

- Continue monitoring of the storm-drain system. If any precipitation occurs in October the water will be discharged to Temescal Creek from the multi-point system.
- A draft drawing was submitted to the Union Pacific Railroad for handling surface stormwater drainage just west of the Sherwin-Williams site. Sherwin-Williams and the Union Pacific Railroad will finalize the method to address surface stormwater issues along the railroad tracks. These recommendations will then be submitted to the RWQCB for review and approval.

Miscellaneous IRMs

- Pot-holing was implemented around the on-site railroad tracks to determine the actual extent of railroad ballast. 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, it appears that a subsurface water collection system may not be effective. LFR evaluated other options, including collection sumps below the switchgears, but this would require removal and replacement of the existing railroad tracks. Another option evaluated was additional monitoring after installation of the new GWETS to determine if 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 technical subcommittee meeting will be held on October 27th to further address datagaps 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 remains to be analyzed pending receipt of all the data from the lab.
- The data from sampling and analyses for the new on-site extraction wells will be received from the laboratory and entered in the site database.
- LFR will implement the workplan (submitted in August) for investigation to locate the former deep well (closure status unknown). Excavation to locate the well (to be completed by the extraction system contractor) will be implemented and, if found, the condition of the former well will be evaluated.

C. NPDES and Groundwater Monitoring

- Groundwater samples and water level measurements will be collected for the fourth quarter 1998. The quarterly groundwater monitoring report will be submitted to the RWQCB.
- Continue operation of treatment system and monitoring NPDES parameters with discharge to Temescal Creek. The quarterly NPDES groundwater 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.
- A CWG technical subcommittee meeting will be held on October 27th.

III. PLANNED ACTIVITIES – NOVEMBER 1998

A. IRMS

Extraction and Treatment System Expansion

- MSE will continue with equipment procurement, tank fabrication, and equipment in preparation for construction of the new groundwater treatment system. MSE will select a mechanical subcontractor for installation of the new treatment system and field construction of the new system will begin. The existing treatment system will continue to be operated during construction of the new system.

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- The RWQCB will review the NPDES permit modification request previously submitted.
- EBMUD will review the 1-year extension to the existing permit which allows discharge to the sanitary sewer.
- Sherwin-Williams anticipates proceeding with sewer connection and discharge of treatment system effluent to EBMUD if and when the City approves of an encroachment permit to connect to the sanitary sewer. Connection will facilitate start-up after installation of the new treatment system.
- Assuming the City issues the grading permit in October, the installation of the expanded on-site extraction system will continue including the installation of subsurface pipe trenches. The contractor may demobilize from the site if the City does not approve the grading permit in October.

Stormwater Handling

- Continue monitoring of the storm-drain system. If any precipitation occurs in November, the water will be discharged to Temescal Creek from the multi-point system.
- After the Union Pacific Railroad and the RWQCB approve the surface stormwater design along the western railroad tracks, the 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 will submit the proposal to address potential rainwater infiltration along the on-site railroad tracks to the RWQCB. The options include an active collection system or monitoring with the new GWETS to further evaluate the impact of infiltration.

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 is scheduled for November 12th and data gaps and workplan addendum issues will be discussed. 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 will be analyzed after receipt of the data from the lab.
- The data from sampling and analyses for the new on-site extraction wells will be evaluated.
- After completing the field work to locate the former deep well (closure status unknown), a workplan will be submitted to the RWQCB to address further actions, if any.

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 is scheduled for November 12th.

IV. ACTION ITEMS BY OTHERS

- Need approval from EBMUD for renewal of sewer discharge permit for 1 more year.
- Need approval from the City for the encroachment permit to discharge to the sanitary sewer.
- Sherwin-Williams seeks input from the CWG on the development of the Workplan Addendum for additional site investigation.
- Need grading permit from the City for installing the groundwater extraction system.
- 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	December XX, 1998 (to be determined)

* REPORT SUBMITTED

- 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.