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Date	March 15, 1999
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Project No.	6215.99-010

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

The following have received this report via email:

Mark Johnson, Regional Water Quality Control Board (RWQCB)
Larry Mencin, The Sherwin-Williams Company
Vera Nelson, EKI
Mara Feeney, Mara Feeney & Associates
Jody Sparks, TAG
Peggy Peischl, Treadwell and Rollo

Please address questions or comments to any of the undersigned:

Larry Mencin, The Sherwin-Williams Company
Mark Knox or Mike Marsden, LFR Levine-Fricke (LFR)
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MONTHLY SUMMARY REPORT
SHERWIN-WILLIAMS, EMERYVILLE, CALIFORNIA
March 1999

I. ACTIONS TAKEN - FEBRUARY 1999

A. IRMS

Extraction and Treatment System Expansion

- MSE continued with start-up of the new system. The existing treatment system (Andco) continued to be operated during start-up of the new system treating discharge from the MSE system prior to discharge to Temescal Creek.
- The RWQCB continued with 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.
- Sherwin-Williams and LFR initiated discussions with Chiron and Erler and Kalinowski (EKI) for expansion of the extraction system on the Rifkin property to obtain capture of the plume outside the slurry wall in this area. LFR and EKI discussed groundwater modeling parameters and LFR initiated set-up of the model for review by EKI.

Stormwater Handling

- Continued monitoring of the storm-drain system on-site. The surface stormwater was discharged to Temescal Creek from the multi-point system during rain events. Monthly sampling of the multi-point system discharge was conducted during a rain event.

Completion Reports

- LFR incorporated final internal comments on the Horton Street completion report and proceeded with reproducing the report for distribution to the RWQCB, other agencies and the CWG.

B. Site Investigation

- Sherwin-Williams and Entrix provided a response to EKI's written comments on the remedial investigation Workplan Addendum in a February 19, 1999 letter to the RWQCB.
- The RWQCB, Sherwin-Williams, LFR and a well driller with knowledge of historic well construction, met to discuss potential steps for abandoning the former deep well on-site. Recommendations for closure of the deep well will

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be submitted to the RWQCB based on review of the camera survey of the well and evaluation of alternative methods for abandonment.

C. NPDES and Groundwater Monitoring

- LFR began to evaluate the data from the first quarter groundwater sampling and water level measurements collected in January.
- LFR continued operation of the Andco treatment system and monitoring NPDES parameters with discharge to Temescal Creek. The Andco system continued to treat discharge from the MSE system during the start-up period for the new system.

D. Community Relations

- Telephone message updates and coordination with the local residents and businesses were conducted as needed to keep the local community informed of current activities

II. ACTIONS EXPECTED – MARCH 1999**A. IRMS*****Extraction and Treatment System Expansion***

- MSE will continue with start-up of the new system and training of field operators will be scheduled. The existing treatment system (Andco) will continue to be operated to treat effluent from the MSE system until start-up of the new system is completed.
- The RWQCB will continue with 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.
- LFR continued with setting up the groundwater model for evaluating expansion of the extraction system on the Rifkin property. The model parameters were discussed with EKI and draft model boundary conditions were submitted to EKI for review. Once EKI and Chiron approve the model set up, LFR will proceed with running the model and evaluating several groundwater pumping scenarios on Rifkin. The model output will provide information for selecting a preferred pumping alternative. LFR will also begin to prepare a workplan for the Rifkin extraction system for submittal to the RWQCB. Design of the extraction system will also be initiated.

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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 during rain events. Monthly sampling of the multi-point system discharge will be conducted during a rain event.

Completion Reports

- LFR completed reproduction of the Horton Street completion report and distributed the report to the RWQCB, other agencies and the CWG.

B. Site Investigation

- Entrix will address any additional comments on the remedial investigation Workplan Addendum based on feedback from the CWG and will submit a response to comments if necessary. Sherwin-Williams anticipates receiving final comments to the Work Plan Addendum from the RWQCB prior to initiating fieldwork.
- LFR will continue with abandonment of the former deep well on-site in accordance with a March 8, 1998 letter submitted by LFR to the RWQCB. A well driller will attempt to remove the former water supply pump and piping in the well. If successful, the condition of the well will be assessed by a camera survey. Recommendations for closure of the deep well will be submitted to the RWQCB based on the results of these activities.

C. NPDES and Groundwater Monitoring

- LFR will evaluate the data from the first quarter groundwater sampling and water level measurements collected in January and begin preparation of the quarterly groundwater monitoring report.
- Continue operation of the Andco treatment system and monitoring NPDES parameters with discharge to Temescal Creek. The Andco system will continue to treat discharge from the MSE system during the start-up period for the MSE system.

D. Community Relations

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

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III. PLANNED ACTIVITIES – APRIL 1999

A. IRMS

Extraction and Treatment System Expansion

- MSE will continue with start-up of the new system and training of field operators will be implemented. Assuming that the start-up activities are completed, the existing treatment system (Andco) will be taken off-line, the new carbon system (previously installed) will be brought on-line and the new MSE and carbon system will begin discharging directly to Temescal Creek.
- The RWQCB will continue with 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.
- LFR will finalize the groundwater model (with input from Chiron and EKI) for evaluation of the expansion of the extraction system on the Rifkin property. The model output will provide information for selecting a preferred pumping alternative. LFR will prepare a workplan (with input from Chiron and EKI) for installation of the Rifkin extraction system (including modeling results) for submittal to the RWQCB. Design of the extraction system and preparation of the plans and specifications will also continue.

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 during rain events. Monthly sampling of the multi-point system discharge will be conducted during a rain event.

B. Site Investigation

- Sherwin-Williams anticipates receiving final comments to the Work Plan Addendum from the RWQCB prior to initiating fieldwork.
- LFR will continue with abandonment of the former deep well on-site in accordance with the March 8, 1998 letter submitted to the RWQCB. Based on the assessment of the condition of the well, recommendations for closure of the deep well will be submitted to the RWQCB.

C. NPDES and Groundwater Monitoring

- LFR will continue with preparation of the quarterly groundwater monitoring report and the first quarter 1999 report will be submitted to the RWQCB.

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- Assuming that start-up activities for the MSE system are complete, the Andco system will be taken off-line and the new MSE system and carbon system will begin direct discharge of treated groundwater to Temescal Creek. NPDES monitoring will continue in accordance with RWQCB requirements and the first quarter 1999 NPDES monitoring report will be submitted to the RWQCB.

D. Community Relations

- Telephone message updates 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 and Entrix anticipates receiving comments on the draft Workplan Addendum from the RWQCB and other members of the CWG. After all comments are received, Entrix will prepare a response to comments, if necessary.
- The RWQCB will continue to review the NPDES permit renewal application.
- EKI and Chiron will review draft internal deliverables and modeling results for the Rifkin property prior to submittal of the Rifkin Extraction System Workplan to the RWQCB.

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, and revised dates agreed by the RWQCB.

<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*
Evaluation of Existing IRMs (Final)	August 10, 1998*

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**Workplan Addendum for Site
Investigations (draft)**

January 8, 1999

*** FINAL REPORT SUBMITTED**

- **No obstacles have been identified which threaten compliance with the Order.**