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Date	May 14, 1999
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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
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MONTHLY SUMMARY REPORT
SHERWIN-WILLIAMS, EMERYVILLE, CALIFORNIA
May 1999

I. ACTIONS TAKEN – APRIL 1999**A. IRMS*****Extraction and Treatment System Expansion***

- MSE continued with start-up and troubleshooting of the new system. The new carbon system was on-line to remove organics from the MSE system effluent. Training of the system operators was initiated. The Andco system remained on standby and was used periodically when necessary to post-treat water from the MSE system during start-up.
- 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.
- LFR finalized 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 provided information for selecting a preferred pumping alternative. Design of the extraction system continued and a draft set of plans and specifications were submitted to the RWQCB, Chiron and EKI for review and comment. Sherwin-Williams, the RWQCB, LFR, EKI and Chiron met on April 14 to finalize discussion of the model and agree on extraction well locations. Based on these discussions, LFR began to prepare a workplan to be submitted to the RWQCB (with prior input from Chiron and EKI) presenting the proposed installation of the Rifkin extraction system. In addition, LFR proceeded with addressing comments on the plans and specifications.

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.

B. Site Investigation

- Entrix submitted a letter to the RWQCB dated April 23, 1999 providing response to the RWQCB and Shell Oil comments to the Workplan Addendum. Entrix's submittal of the response to comments completed the

comment period for the CWG and the responses will be incorporated as an attachment to the Workplan Addendum.

- Preparation of a detailed Remedial Investigation schedule was initiated for submittal to the RWQCB in May. The schedule will address the timeframe for off-site access and implementing the RI Investigation fieldwork during the summer of 1999.
- LFR continued with abandonment of the former deep well on-site in accordance with the March 8 and March 30 letters previously submitted to the RWQCB. Based on the assessment of the condition of the well, the well was sampled at multiple depths and methods for abandonment of the deep well were evaluated.

C. NPDES and Groundwater Monitoring

- LFR continued with preparation of the quarterly groundwater monitoring report and the first quarter 1999 report was submitted to the RWQCB. The quarterly sampling of the monitoring wells and measurement of water levels in the wells was conducted.
- Start-up activities for the MSE system continued with direct discharge of treated groundwater to Temescal Creek. The Andco system continued to remain on standby and was utilized when necessary. NPDES monitoring continued in accordance with RWQCB requirements and the first quarter 1999 NPDES monitoring report was submitted to the RWQCB.

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 – MAY 1999

A. IRMS

Extraction and Treatment System Expansion

- It is anticipated that MSE will complete start-up and troubleshooting of the new system. Training of the system operators will also be completed. The new carbon system continues operating on-line to remove organics from the MSE system effluent. The Andco system equipment will remain at the site and will be utilized as necessary as backup to the MSE system.

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- It is anticipated that the RWQCB will submit a draft of the NPDES permit for public review. The renewal of the NPDES permit is scheduled to be effective in July 1999.
- LFR submitted to Chiron and to EKI a draft copy of the workplan for extraction system expansion on the former Rifkin property. After receiving comments, LFR will finalize the workplan with submittal to the RWQCB and CWG. Procurement of the well driller has been completed and drilling of the extraction and monitoring wells is scheduled for the end of May. The plans and specifications have been finalized based on comment from the RWQCB, Chiron and EKI. The construction contractor will begin aboveground work on the Sherwin-Williams property around mid-May. The contractor will submit the request for grading permit to the City of Emeryville and after the City approves the permit, construction of the below ground portion of the extraction system will begin on the former Rifkin property.

Stormwater Handling

- Monitoring of the storm-drain system on-site will continue. The surface stormwater (if any) 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 if any significant rainfall occurs.

B. Site Investigation

- A detailed Remedial Investigation schedule will be developed by Entrix and submitted to the RWQCB. The schedule will address the timeframe for off-site access and implementing the RI Investigation fieldwork during the summer of 1999. Access negotiations and procurement of the drillers and other subcontractors will be initiated in May.
- The deep well was resampled at multiple depths to provide confirmation of the sample results collected in April. A letter report will be presented to the RWQCB discussing the data obtained from the well. LFR will proceed with abandonment of the deep well by the end of May.

C. NPDES and Groundwater Monitoring

- The data from the quarterly sampling of the monitoring wells and measurement of water levels in April will be evaluated.
- Start-up activities for the MSE system will be completed. The MSE and carbon system will discharge treated groundwater to Temescal Creek. The Andco system equipment will remain at the site and will be utilized as necessary as backup to the MSE system. Treatment system monitoring will continue in accordance with NPDES requirements.

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.

III. PLANNED ACTIVITIES JUNE 1999

A. IRMS

Extraction and Treatment System Expansion

- Operation of the new MSE system will continue. The new carbon system will continue operating on-line to remove organics from the MSE system effluent. The Andco system equipment will remain at the site and will be utilized as necessary as backup to the MSE system.
- It is anticipated that the RWQCB will receive public comments to the draft of the NPDES permit (anticipated to be issued in May for public review). The renewal of the NPDES permit is scheduled to be effective in July 1999.
- LFR and their subcontractors will complete construction of the extraction system expansion on the former Rifkin property. After the wells and extraction system are installed the start-up of the extraction system will be initiated.

Stormwater Handling

- Monitoring of the storm-drain system on-site will continue. No rain events are anticipated during June and therefore it is unlikely any surface stormwater will be discharged to Temescal Creek from the multi-point system.

B. Site Investigation

- Entrix will begin implementing the RI Investigation fieldwork in June based on the project schedule. Access negotiations and procurement of the drillers and other subcontractors will continue if necessary.
- LFR will prepare a letter to be submitted to the RWQCB documenting the procedures and results of the closure of the deep well.

C. NPDES and Groundwater Monitoring

- The data from the quarterly sampling of the monitoring wells and measurement of water levels in April will be evaluated and LFR will begin preparing the quarterly groundwater monitoring report.
- The MSE and carbon system will continue discharge of treated groundwater to Temescal Creek. The Andco system equipment will remain at the site and will be utilized as necessary as backup to the MSE system. Treatment system monitoring will continue in accordance with NPDES requirements.

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

- A revised schedule for the RI/RA/FS was presented in the January 8, 1999 Workplan Addendum. The RWQCB has accepted this schedule and the RWQCB should formally revise SCR Order 98-009 to reflect the modified schedule.
- The RWQCB will continue to review the NPDES permit renewal application. It is anticipated that a draft of the NPDES permit will be issued from the RWQCB by May 1999 in order to allow adoption of the permit by July 1999.
- EKI, Chiron and the RWQCB will provide final comments on the proposed Rifkin extraction system workplan and design to allow Sherwin-Williams to proceed with drilling and construction in May.
- The extraction system contractor will submit a grading permit to the City of Emeryville, which is typically an over-the-counter permit. Timely approval of the permit is anticipated.

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*

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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*
Workplan Addendum for Site Investigations (Draft)	January 8, 1999*

*** FINAL REPORT SUBMITTED**

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