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Date	June 16, 2000
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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

Melissa Mednick, Mara Feeney & Associates

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**MONTHLY SUMMARY REPORT  
SHERWIN-WILLIAMS, EMERYVILLE, CALIFORNIA  
June 2000**

**I. ACTIONS TAKEN – MAY 2000**

**A. IRMS**

***Extraction and Treatment System Expansion***

- Sherwin-Williams and LFR met with Chiron and EKI on May 17, 2000 to discuss the results of the extended pumping tests and the status of the former Rifkin Property extraction system. Data collected during the extended pumping tests indicates the current well configuration is capturing arsenic-affected groundwater under the former Rifkin Property. Sherwin-Williams agreed to collect monthly groundwater level measurements on the former Rifkin Property to provide additional data on the effectiveness of the hydraulic capture produced by the groundwater extraction system.
- Groundwater elevations were measured on May 30, 2000 in groundwater monitoring wells/piezometers. The measurements confirmed the effectiveness of the hydraulic capture produced by the groundwater extraction system on the former Rifkin Property.
- The RWQCB continued evaluating whether to continue preparing a draft NPDES individual permit or to temporarily include the groundwater extraction and treatment system under the recently adopted General Waste Discharge Requirements Order No. 99-051, NPDES No. CAG912003.

***Storm Water Handling and Environmental Cap***

- Monitoring of the on-site multi-point storm drain system continued. No rain events occurred during May and water was not discharged to Temescal Creek from the multi-point system.

**B. Site Investigation**

- Further investigation work by Entrix is on hold pending access for drilling from the UPRR and South BGR (Wareham Property). Entrix will continue to analyze the data received from the investigation work completed to date.
- QA/QC of the data from the site investigation has been completed. The data is being tabulated, posted, and evaluated.

**C. NPDES and Groundwater Monitoring**

- Treatment system operations and monitoring continued in accordance with NPDES requirements.

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- LFR began performing field tests on extraction well EX-5 to evaluate the effectiveness of non-corrosive and non-toxic chemicals to treat the iron bacteria that have been clogging the extraction well screens, pneumatic pumps, and extraction well discharge lines. The presence of iron bacteria in the extraction wells and extraction system discharge lines continues to reduce the effectiveness of groundwater extraction at the Site.
- Sampling of the monitoring wells west of the UPRR has been suspended pending resolution of access and health and safety issues along the tracks. Sherwin-Williams and LFR will proceed working with the City of Emeryville to gain access through the Shellmound Property to access the three monitoring wells west of the UPRR tracks.

**D. Community Relations**

- Information hotline telephone message updates and coordination with the local residents and businesses were updated bi-weekly to keep the local community informed of current activities.
- A CWG meeting was not scheduled during the month of May 2000.

**II. ACTIONS EXPECTED – JUNE 2000****A. IRMS*****Extraction and Treatment System Expansion***

- LFR will begin to prepare a technical memorandum summarizing the data collected during the various pumping tests and extraction system expansion activities on the former Rifkin Property.
- The RWQCB will continue to evaluate whether to continue preparing a draft NPDES individual permit or to temporarily include the groundwater treatment system under the recently adopted General Waste Discharge Requirements Order No. 99-051, NPDES No. CAG912003.

***Storm Water Handling***

- Monitoring of the on-site multi-point storm drain system will continue.

**B. Site Investigation/Risk Assessment**

- Further investigation work by Entrix is on hold pending access for drilling from the UPRR and South BGR (Wareham Property). Entrix will continue to analyze the data received from the investigation work completed to date.
- QA/QC of the data from the site investigation has been completed. The data is being tabulated, posted, and evaluated.

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- Entrix will analyze the data from the investigation work completed to date and begin applying it to the risk assessment.

**C. NPDES and Groundwater Monitoring**

- The treatment system operations and monitoring will continue in accordance with NPDES requirements.
- In addition to the field tests performed on extraction wells EX-2 and EX-5, LFR will perform a field test on extraction well EX-7. LFR will begin treatment of the extraction wells for iron bacteria during the week of June 26, 2000. Purge water generated during the field activities will be stored in portable polyethylene tanks pending analytical results for onsite treatment or offsite disposal.
- Sampling of the monitoring wells west of the UPRR has been suspended pending resolution of access and health and safety issues along the tracks. Sherwin-Williams and LFR will proceed working with the City of Emeryville to gain access through the Shellmound Property to access the three monitoring wells west of the UPRR tracks.

**D. Community Relations**

- A CWG meeting is scheduled at the Sherwin-Williams Emeryville plant on June 14, 2000 at 9:30 AM.
- Sherwin-Williams has received bids for planting trees along Horton Street and work will be scheduled.
- Information hotline 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 – JULY 2000****A. IRMS*****Extraction and Treatment System Expansion***

- The RWQCB will continue to evaluate whether to continue preparing a draft NPDES individual permit or to temporarily include the groundwater treatment system under the recently adopted General Waste Discharge Requirements Order No. 99-051, NPDES No. CAG912003.
- LFR will schedule a subcontractor to modify the extraction well vaults and associated piping for the groundwater extraction system on the former Rifkin Property.

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**Storm Water Handling**

- Monitoring of the on-site multi-point system will continue.

**B. Site Investigation/Risk Assessment**

- Assuming access for drilling from the UPRR and South BGR (Wareham Property) is granted, Entrix will continue with the investigation work.
- Entrix will analyze the data from the investigation work completed to date and begin applying it to the risk assessment.

**C. NPDES and Groundwater Monitoring**

- LFR will sample wells and measure water levels in accordance with the quarterly monitoring program. LFR will complete and submit the 2nd quarter groundwater monitoring report to the RWQCB.
- Treatment system operations and monitoring will continue in accordance with NPDES requirements. LFR will complete and submit the 2nd quarter NPDES monitoring report to the RWQCB.
- Based on the effectiveness of the treatment of iron bacteria in the extraction wells, LFR anticipates proceeding with treatment of the monitoring wells on piezometers.
- Sampling of the monitoring wells west of the UPRR has been suspended pending resolution of access and health and safety issues along the tracks. Sherwin-Williams and LFR will proceed working with the City of Emeryville to gain access through the Shellmound Property to access the three monitoring wells west of the UPRR tracks.

**D. Community Relations**

- A CWG meeting is anticipated to be scheduled at the Sherwin-Williams' Emeryville plant in July 2000.
- Information hotline 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.

**VI. 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 evaluate whether to continue preparing a draft NPDES individual permit or to temporarily include the groundwater

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treatment system under the recently adopted General Waste Discharge Requirements Order No. 99-051, NPDES No. CAG912003.

- The City of Emeryville has been asked to clear access through the Shellmound Property to allow access to the monitoring wells along the western side of the UPRR tracks. The City has indicated they will send Sherwin-Williams a draft access agreement.
- The RWQCB may need to prompt the UPRR and South BGR (Wareham Property) concerning access issues for further offsite investigation to be completed.

## V. COMPLIANCE WITH ORDER

Due to access issues on neighboring properties, several milestones in the current schedule will likely not be met. A revised schedule will be determined once the access issues have been resolved.

The following deliverables for tasks were submitted by the dates noted. The tasks and schedule are in accordance with the SCR Order, and revised dates agreed by the RWQCB. As noted above, the SCR schedule needs to be revised by the RWQCB for future tasks.

<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*
Workplan Addendum for Site Investigations (including Entrix response to comments)	January 8, 1999*

\* FINAL REPORT SUBMITTED

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