



1900 Powell Street, 12th Floor
Emeryville, California 94608-1827
(510) 652-4500, FAX (510) 652-2246

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From	Michael Marsden
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Deliver To	Name Of Firm	Fax Number
Barbara Cook, P.E.	DTSC	510 540-3819
Susan Hugo	ACHD	510 337-9335
Jay Grover	Chiron Corp.	510 654-5360
Ignacio Dayrit	City of Emeryville	510 596-3724
George Stavnes	The Sherwin-Williams Company	510 664-7997
Randi Parker-Germain	45 th Street Artists Co-op	510 655-2807
Melissa Mednick	Mara Feeney & Associates	510 653-5163
Robert Haddad	Entrix	925 935-5368
Jane Riggan, M.S.W.	CDHS	510 622-4505
Robert Cave	BAAQMD	415 749-5030

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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, Geomatrix

Sandra Maxfield, Entrix

Please address questions or comments to any of the undersigned:

Larry Mencin, The Sherwin-Williams Company

Mike Marsden, LFR Levine-Fricke (LFR)

Mara Feeney, Mara Feeney & Associates

216 566-1768

510 652-4500

415 863-8760

LFR Levine-Fricke

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

I. ACTIONS TAKEN FEBRUARY 2000**A. IRMS*****Extraction and Treatment System Expansion***

- LFR continued performing extended pumping tests on extraction wells EX-15 and EX-16 on the former Rifkin Property to evaluate well yields and extent of the hydraulic capture zone for these wells.
- Groundwater elevations measured in piezometers indicate that there is an inward hydraulic gradient across the slurry wall at all measured locations.
- Following the frequent and high-intensity rain events and the pumping tests for extraction wells EX-15 and EX-16, the groundwater treatment system flow rate has increased to between 6 and 8 gallons per minute (GPM).
- The RWQCB continued to prepare a draft NPDES permit, which is anticipated to be issued for public review in April 2000. The renewal of the NPDES permit is anticipated to be adopted in May 2000.

Storm Water Handling and Environmental Cap

- Monitoring of the on-site multi-point storm drain system continued. Numerous rain events occurred during February and water was 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. LFR submitted the combined 1999 4th quarter and annual NPDES monitoring report and the 4th quarter groundwater monitoring report per the Site Cleanup Requirements (SCR) Order 98-009.
- Statistical analysis of data collected from monitoring wells MW-5 on the former Rifkin Property and LF-11 outside of the slurry wall near Building 35 indicate an increasing arsenic concentration trend in these wells.

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- Sampling of the monitoring wells west of the UPRR has been suspended pending resolution of access and health and safety issues along the 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 in the month of February 2000 pending receipt of the results for the Department of Health Services sampling performed at the 45th Street Artists Cooperative.

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

- LFR will continue conducting hydrologic studies of the extraction wells on the former Rifkin Property to evaluate well yields and extent of hydraulic capture zones. Evaluation of data collected from the pumping tests performed in January through February 2000 on EX-15 and EX-16 indicated very little response in EX-15 and moderate response in EX-16. LFR will conduct a combined pumping test on wells EX-14, EX-15, and EX-16 for a period of two to three weeks.
- LFR will evaluate if the reagents used to treat iron bacteria in the extraction wells will have an adverse effect on the process chemistry of the MSE groundwater treatment system. The evaluation will be made by conducting bench-scale studies.
- The RWQCB will continue to prepare a draft NPDES permit, which is anticipated to be issued for public review in April 2000. The renewal of the NPDES permit is anticipated to be adopted in May 2000.

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

- Treatment system operations and monitoring will continue in accordance with NPDES requirements.
- Sampling of the monitoring wells west of the UPRR has been suspended pending resolution of access and health and safety issues along the tracks.

D. Community Relations

- A CWG meeting was held at the Sherwin-Williams facility on March 8, 2000 to discuss the results for the Department of Health Services sampling performed at the 45th Street Artists Cooperative.
- 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 APRIL 2000**A. IRMS*****Extraction and Treatment System Expansion***

- The RWQCB will continue to prepare a draft NPDES permit, which is anticipated to be issued for public review in April 2000. The renewal of the NPDES permit is anticipated to be adopted in May 2000.

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 Year 2000 1st quarter groundwater monitoring report to the RWQCB.

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- Treatment system operations and monitoring will continue in accordance with NPDES requirements. LFR will complete and submit the Year 2000 1st quarter NPDES monitoring report to the RWQCB.
- All future NPDES monitoring reports will be submitted in compact disk (CD) format along with the quarterly monitoring reports.
- LFR will submit a plan to the RWQCB proposing a reduced sampling schedule for piezometers and monitoring wells located outside of chemically-affected areas.
- Sampling of the monitoring wells west of the UPRR has been suspended pending resolution of access and health and safety issues along the tracks.

D. Community Relations

- A CWG meeting is anticipated to be scheduled at the Sherwin-Williams Emeryville plant in April 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 review the NPDES permit renewal application. It is anticipated that a draft of the NPDES permit will be issued from the RWQCB in April 2000 in order to allow adoption of the permit by May 2000.
- 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.

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<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.