



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

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Date	<b>September 15, 1998</b>
From	<b>Mark D. Knox, P.E.</b>
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Deliver To	Name Of Firm	FAX Number
Mark Johnson	RWQCB	510 822-2460
Barbara Cook, P.E.	DTSC	510 540-3819
Susan Hugo	ACHD	510 337-9335
Ric Notini	Chiron Corp.	510 923-7476
Ignacio Dayrit	City of Emeryville	510 596-3724
Larry Mencin	The Sherwin-Williams Company	216 566-2730
George Stavnes	The Sherwin-Williams Company	510 654-7997
Paul Germain	45 <sup>th</sup> Street Artists Co-op	510 655-2807
Vera Nelson	EKI	650 578-9131
Mara Feeney	Mara Feeney & Associates	415 863-8671
Melissa Medrick	Mara Feeney & Associates	510 653-5183
Robert Haddad	Entrix	925 935-5368
Jody Sparks	TAG	916 341-7795
Peggy Pejschl	Treadwell and Rollo	510 253-4995
Jane Riggan, M.S.W.	CDHS	510 450-3773
Robert Cave	BAAQMD	415 749-5030

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 THANK YOU.

**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:**

Larry Mencin, The Sherwin-Williams Company	216 566-1768
Mark Knox or Mike Marsden, Levine-Fricke-Recon Inc.	510 652-4500
Mara Feeney, Mara Feeney & Associates	415 863-8760

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

**I. ACTIONS TAKEN – AUGUST 1998**

**A. IRMS**

***Extraction and Treatment System Expansion***

- MSE continued with the design and equipment procurement for the groundwater treatment system. The design was substantially complete by the end of August. Decommissioning of the Tri-bio treatment unit (previously taken out of service) was implemented to provide space for the MSE treatment unit. The Tri-bio unit was shipped to another Sherwin-Williams facility out-of-state.
- A driller was selected and the drilling of the on-site extraction wells began at the end of August.
- LFR, on behalf of Sherwin-Williams, requested clarification from the City of Emeryville (the City) for the permit requirements for installation of the expanded on-site extraction system. The City initially responded by stating that the work is subject to the CEQA review process before any construction can proceed. The RWQCB (designated lead agency) Site Cleanup Requirements (SCR) Order explicitly states that the work is exempt from CEQA. Sherwin-Williams and the City are negotiating to determine if in fact the CEQA requirements apply.
- Sherwin-Williams' request to proceed with sewer connection and discharge of treatment system effluent to EBMUD still awaits approval by the City for an encroachment permit. A temporary 1-year connection will greatly facilitate forwarding the remedial goals for the project, particularly lowering of groundwater levels within the slurry wall and during start-up of the new groundwater treatment system scheduled to be installed by the end of 1998.

***Stormwater Handling***

- Continued monitoring of the storm-drain system. No precipitation occurred in August and therefore there was no discharge to Temescal Creek from the multi-point system.
- Sherwin-Williams and the Union Pacific Railroad began initial discussions to determine who at the railroad has the authority to deal with the groundwater infiltration issues with respect to the drainage pipe along the railroad tracks just west of the Sherwin-Williams site.

### **Miscellaneous IRMs**

- A workplan for installing steel plate on the retaining on Horton Street was submitted to the RWQCB. The work was completed after receiving approval of the workplan from the RWQCB and after the City of Emeryville approved an encroachment permit. After the steel plate was installed and painted, the fence and plastic covering was removed.
- A railroad design engineer evaluated a rainwater collection system to address infiltration along the railroad tracks on-site.

### **Completion Reports**

- The Horton Street completion report continued with internal review and will be submitted to the RWQCB after it is finalized.

## **B. Site Investigation**

- Work continued on the implementation of the tasks under the SCR Order. Entrix continued to work on evaluation of current conditions and the remedial investigation Workplan Addendum that will supplement the CCR and identify additional remedial investigation tasks necessary for the site. Sherwin-Williams seeks input from the CWG on the CCR prior to submitting the Workplan Addendum. Input to the CCR was received on August 20, 1998 at the CWG technical subcommittee meeting.
- LFR began field investigation on the Rifkin property as required by the RWQCB SCR Order. Investigation activities were coordinated with the RWQCB and Chiron. Investigation on the Rifkin property included Geoprobe and CPT work. Soil and groundwater samples were collected in accordance with the June 2, 1997 workplan and subsequent addendums approved by Chiron and the RWQCB.
- LFR prepared a workplan which identified the tasks necessary for excavating and locating the on-site abandoned deep well (closure status unknown). It is anticipated that the excavation work will be implemented by the contractor who will be installing the extraction system and LFR began to coordinate this work with the contractor.
- LFR submitted a letter to the RWQCB clarifying additional sampling and analyses of the extraction wells to be conducted in accordance with discussions at the August 20, 1998 technical subcommittee meeting. This additional sampling provides an opportunity to address potential on-site data gaps.

### C. NPDES and Groundwater Monitoring

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

### D. Community Relations

- The CWG technical subcommittee met on August 20, 1998 to discuss the CCR report and to provide input for the Workplan Addendum to be prepared by Entrix.
- City briefings and coordination with the local residents and businesses was conducted as needed to keep the local community informed of current activities.
- A community meeting was held at the Artists' Co-op on August 11, 1998.

## II. ACTIONS EXPECTED – 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 will be available at the Sherwin-Williams plant for review by the RWQCB and DTSC. The full treatability report will not be submitted to the agencies since the MSE treatment technology is proprietary. A condensed version of the report will be submitted to the agencies without reference to the proprietary technology.
- MSE will continue with the equipment procurement for the groundwater treatment system. Miscellaneous demolition of concrete pads and footings in the treatment system area will be implemented in anticipation of installation of the new treatment system.
- LFR has contacted the RWQCB to determine what documentation has to be submitted for the NPDES permit modification. A permit modification application will be submitted by the end of September.
- 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 driller completed the installation of the on-site extraction wells in the beginning of September. Well development and sampling of the extraction wells will be implemented.
- The installation of the expanded on-site extraction system is on-hold pending the determination of permitting requirements. The RWQCB, Sherwin-Williams and the City met to discuss the CEQA issue. The City has 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 typically occurs in September and therefore no discharge to Temescal Creek is expected from the multi-point system. LFR will troubleshoot the multi-point system to verify the equipment is functional in anticipation of the upcoming rainy season.
- Sherwin-Williams and the Union Pacific Railroad continued discussions to determine how to address groundwater infiltration issues with respect to the drainage pipe along the railroad tracks just west of the Sherwin-Williams site. The railroad has authorized installation of a plug in the line to eliminate flow to the creek as requested by the RWQCB. The railroad has indicated that a long term plan has to be developed to prevent flooding in this area during heavy rains. LFR will develop alternatives for handling surface water around the tracks.

***Miscellaneous IRMs***

- It is anticipated that the design for the rainwater collection system to address infiltration around the railroad tracks on-site will be completed in September.

***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 which 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 (from the August 20, 1998 meeting) before submitting the

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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 will be reviewed for QA/QC and entered in the site database after receipt from the laboratory.
- LFR will implement the new extraction well sampling and analyses in accordance with the letter submitted to the RWQCB in August 1998.
- LFR will begin to implement the workplan (submitted in August) for excavating and locating the former deep well (closure status unknown). It is anticipated that demolition of the stormwater tank overlying the excavation area will be implemented. Excavation necessary to locate the well (to be completed by the extraction system contractor) is on hold pending determination of the permitting issues raised by the City.

### C. NPDES and Groundwater Monitoring

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

### 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 will be conducted as needed to keep the local community informed of current activities.

## III. PLANNED ACTIVITIES – OCTOBER 1998

### A. IRMS

#### *Extraction and Treatment System Expansion*

- MSE will continue with the equipment procurement for the groundwater treatment system. Installation of the new treatment system will be initiated

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on-site. The existing treatment system will continue to be operated during construction of the new system.

- LFR will follow-up with the RWQCB to determine if all necessary documentation has been submitted for approval of an 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 installation of the expanded on-site extraction system is anticipated to begin at the beginning of October assuming the City approves of the grading permit.

***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.
- Sherwin-Williams and the Union Pacific Railroad will finalize recommendation on how to address surface stormwater issues along the railroad tracks just west of the Sherwin-Williams site. These recommendations will be submitted to the RWQCB for review and approval.

***Miscellaneous IRMs***

- It is anticipated that the rainwater collection system around the on-site railroad tracks will be completed by the contractor installing the extraction system. This work will proceed once the planned system is evaluated, approved and grading permits have been issued by the City for the extraction system.

***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 which 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. 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.
- 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 excavating and locating the former deep well (closure status unknown). Excavation to locate the well (to be completed by the extraction system contractor) will be implemented after determination of the permitting issues raised by the City.

### C. NPDES and Groundwater Monitoring

- Continue to evaluate the data from the third quarter groundwater sampling and water level measurements collected in July. 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

- City briefings 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

- 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 any necessary permits from the City for installing the groundwater extraction system, completing the on-site railroad drainage system, and excavating to locate the deep well before this work can proceed.



## 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 <sup>st</sup> submittal)	April 6, 1998*
Public Participation Plan (Final)	April 17, 1998*
QAPP (1 <sup>st</sup> submittal)	April 30, 1998*
Evaluation of Existing IRMs (1 <sup>st</sup> 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 21, 1998

\* 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. The current due date is September 18, 1998 as approved by the RWQCB, however, a request for extension will be submitted to the RWQCB. No other obstacles have been identified which threaten compliance with the Order.