

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

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Date	<b>August 14, 1998</b>
From	<b>Mark D. Knox, P.E.</b>
Project No.	<b>3042.95-001</b>

Deliver To	Name Of Firm	FAX Number
Mark Johnson	RWQCB	510 286-1380
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	610 596-3724
Larry Mencin	The Sherwin-Williams Company	216 566-2730
Nick Maoloni	The Sherwin-Williams Company	216 566-2730
John Gerulis	The Sherwin-Williams Company	216 566-2730
Dave Gustafson	The Sherwin-Williams Company	216 566-1792
Frank McHugh	The Sherwin-Williams Company	510 654-7997
Paul Germain	45 <sup>th</sup> Street Artists Co-op	510 655-2807
Tom Kallnowski, Sc.D.	EKI	650 578-9131
Mara Feeney	Mara Feeney & Associates	415 863-5671
Jody Sparks	TAG	916 341-7795
Peggy Peischl	Treadwell and Rollo	510 253-4985
Jane Riggan, M.S.W.	CDHS	510 450-3773
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.

**Please address questions or comments to any of the undersigned:**

Larry Mencin, The Sherwin-Williams Company  
 Mark Knox or Mike Marsden, Levine-Fricke-Recon Inc.  
 Mara Feeney, Mara Feeney & Associates

216 566-1768  
 510 652-4500  
 415 863-8760

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

**I. ACTIONS TAKEN: JULY 1998**

**A. IRMs**

***Extraction and Treatment System Expansion***

- MSE continued with the design and equipment procurement for the groundwater treatment system as proposed in the Evaluation of Existing IRMs report (draft dated May 20, 1998).
- Sherwin-Williams' request to proceed with sewer connection and discharge of treatment system effluent to EBMUD still awaits approval by the City of Emeryville 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 to be installed by the end of 1998.
- LFR submitted the drawings and specifications to contractors for bidding for the construction of the groundwater extraction system expansion. LFR also submitted a request for bids to drillers to install the seven new extraction wells. Bids were received at the end of the month and initially evaluated by LFR.

***Stormwater Handling***

- Monitoring of the storm drain system continued. No precipitation occurred in July and therefore no discharge to Temescal Creek occurred from the multi-point system.

***Miscellaneous IRMs***

- Sherwin-Williams still awaits comments from the RWQCB on the February 2, 1998 risk report for the retaining wall along Horton Street. Since it appears the risk issues for the wall will have to be addressed in the context of the entire site (per DTSC comment), Sherwin-Williams will supplement the existing IRMs by installing steel plate on the retaining wall. This will allow for removal of the fence and plastic covering until the final determination of remedial actions is determined through the RI/FS process.
- As discussed in the IRM Evaluation Report, collecting rainwater that appears to be entering the subsurface along the railroad tracks is proposed to reduce water infiltration within the slurry wall. A railroad design engineer proceeded with preparation of drawings and specifications.

### **Completion Reports**

- The Horton Street completion report is near completion and undergoing internal review.

### **B. Site Investigation**

- Work continued on the implementation of the tasks under the Site Cleanup Requirements Order. The Workplan based on the data presented in the Current Conditions Report (CCR) was scheduled to be submitted by July 20, 1998. Sherwin-Williams requested a 60-day extension for delivery of the Workplan Addendum to be submitted by Entrix by September 18, 1998. Sherwin-Williams seeks input from the Technical Subcommittee and the Consultative Workgroup on the Current Conditions Report (CCR) prior to submitting the Workplan Addendum.
- The Health and Safety Plan (HSP) comments were addressed by LFR and the HSP has been revised. The final HSP was submitted to the RWQCB on July 8, 1998.
- Entrix addressed the comments on the QAPP report. Comments were incorporated and the final report was submitted to the RWQCB on July 16, 1998.
- LFR received bids for drilling activities for further site investigation, which are scheduled to begin in August. The Rifkin property is the first area where further investigation activities will be implemented and LFR began coordination of access with Chiron.
- Sherwin-Williams is proceeding with locating the former deep well (closure status unknown) by excavating in the area where the well is shown on historic site drawings. If the well can be located and it is determined that the well has not been abandoned properly, then Sherwin-Williams will proceed with closure of the well. It is anticipated that the excavation work will be implemented during the groundwater extraction system installation.

### **C. NPDES and Groundwater Monitoring**

- Continued to evaluate the data from the second quarter groundwater sampling and water level measurements conducted in April. The well samples and water level measurements for the third quarter 1998 were collected during the first half of July. The July data indicates an inward hydraulic gradient is currently being achieved at the Site at most locations along the slurry wall. The second quarter groundwater monitoring report was submitted to the RWQCB by the end of July.

- Continued operation of groundwater treatment system and monitoring NPDES parameters with the system discharging to Temescal Creek. The NPDES second quarter monitoring report was submitted by the end of July.

#### **D. Community Relations**

- A Consultative Workgroup (CWG) Meeting was held on July 9, 1998. The primary topic of discussion was the future process for working on project deliverables and in particular with respect to the CCR. A site tour was also conducted. Another CWG meeting was held on July 22, 1998. Discussion continued on the CWG process, roles, formation of the technical subcommittee and overall comments on the CCR. Upcoming activities for IRMs (extraction system and steel plate facing on Horton Street retaining wall) and field investigations (Rifkin property) were discussed.
- A fact sheet was distributed from the RWQCB that provided information on the site background, overview and status of the site cleanup, information repositories and community meetings.
- A community meeting was held at the Artists Coop on July 13, 1998.
- A work notice dated July 31, 1998 was distributed which discussed upcoming remedial activities for August and September 1998. A project information phone line has also been established (510-869-5466) which provides updates on the field work status.

## **II. ACTIONS EXPECTED – AUGUST 1998**

### **A. IRMs**

#### ***Extraction and Treatment System Expansion***

- The report summarizing the treatability study results for the arsenic removal treatment technologies will be submitted to the RWQCB and DTSC.
- MSE will continue with the design and equipment procurement for the groundwater treatment system. It is anticipated that the design will be substantially complete by the end of August. Decommissioning and removal of the Tri-bio treatment unit (previously taken out of service) will be implemented to provide space for the MSE treatment unit.
- Sherwin-Williams anticipates proceeding with sewer connection and discharge of treatment system effluent to EBMUD if and when the City of Emeryville approves of an encroachment permit to connect to the sanitary sewer.

- The driller and groundwater extraction system contractor has been selected and LFR is coordinating the work. We anticipate that the drilling of the on-site extraction wells and installation of the extraction system piping will begin by the end of August.

### ***Stormwater Handling***

- Continue monitoring of the storm drain system. No precipitation is anticipated in August and therefore no discharge to Temescal Creek is expected from the multi-point system.

### ***Miscellaneous IRMs***

- The work to supplement the existing IRMs by installing a steel plate on the retaining wall on Horton Street will be completed pending approval from the City of Emeryville for an encroachment permit. Once the steel plate is installed, the fence and plastic covering will be removed.
- A railroad design engineer will complete the drawings for a rainwater collection system to address infiltration around the railroad tracks.

### ***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 Site Cleanup Requirements 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. Sherwin-Williams seeks input from the CWG on the CCR prior to submitting the Workplan Addendum. It is anticipated that input to the CCR will be received on August 20, 1998 at the CWG technical subcommittee meeting in addition to any written responses from the CWG.
- LFR will begin investigation activities as required by the RWQCB SCR Order. The Rifkin property will be the first area where further investigation activities will be implemented.
- LFR will prepare a work plan that will identify the tasks necessary for excavating and locating the former 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 will begin to coordinate this work with the contractor.

### C. NPDES and Groundwater Monitoring

- Begin to evaluate the data from the third quarter groundwater sampling and groundwater elevation measurements collected in July.
- Continue operation of the groundwater treatment system and monitoring NPDES parameters with discharge to Temescal Creek. LFR will begin working the RWQCB for revising the NPDES permit for the new groundwater treatment system and the higher flow rate.

### D. Community Relations

- The CWG technical subcommittee will meet on August 20, 1998 from 9 am to 4 pm to discuss the CCR report and to provide input for the Workplan Addendum to be submitted by Entrix in September.
- City briefings and coordination with the local residents and businesses will be 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.

## III. PLANNED ACTIVITIES – SEPTEMBER 1998

### A. IRMs

#### *Extraction and Treatment System Expansion*

- MSE will continue with the equipment procurement for the groundwater treatment system. Initial construction and preparation for the placement of treatment system equipment may begin in September.
- Sherwin-Williams anticipates proceeding with sewer connection and discharge of treatment system effluent to EBMUD if and when the City of Emeryville approves of an encroachment permit to connect to the sanitary sewer.
- The driller and extraction system contractor will continue with the installation of the on-site extraction system. We anticipate that the drilling of the on-site extraction wells and installation of the extraction system piping will be substantially complete by the end of September.

#### *Stormwater Handling*

- Continue monitoring of the storm drain system. No 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.

### **Miscellaneous IRMs**

- It is anticipated that a plan for construction of the rainwater collection system to address infiltration around the railroad tracks will be presented at the September 10, 1998 CWG meeting and, if possible, the work will be completed as part of the groundwater extraction system installation contract.

### **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 Site Cleanup Requirements 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 CCR technical subcommittee (from the August 20, 1998 meeting) before submitting the Workplan Addendum by September 18, 1998.
- LFR will continue investigation activities on the Rifkin property. It is anticipated that the Rifkin field work will be completed in September and initial raw data will be received and entered in the site database.
- LFR will implement the workplan (to be completed in August) for excavating and locating the former 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.

## **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 will meet on September 10, 1998 at 9:30 am to discuss issues, status and schedule for the project. The results from the technical subcommittee meeting in August will also be 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.

#### 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 Consultative Workgroup on the Current Conditions Report prior to submitting the Workplan Addendum.
- Need encroachment permits and any other necessary permits from the City for implementing the various upcoming investigation and IRM activities described herein.

#### V. COMPLIANCE WITH ORDER

The City of Emeryville has requested compliance with CEQA for all activities associated with the installation of GWETS upgrade and expansion. If required, response to this rigorous program will delay the GWETS expansion efforts necessary to comply with requirements of the SCR Order, including maintaining an inward hydraulic gradient across the slurry wall and preventing potential off-site migration of contaminants.

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 Site Cleanup Requirements 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	September 18, 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. The RWQCB and the CWG may determine that the final work plan product may be delayed if the process involved in bringing everyone forward will yield a product that the CWG is more comfortable with. No other obstacles have been identified which threaten compliance with the Order.