



Matthew Rodriguez
Secretary for
Environmental Protection



Department of Toxic Substances Control

Deborah O. Raphael, Director
700 Heinz Avenue
Berkeley, California 94710-2721



Edmund G. Brown Jr.
Governor

November 19, 2012

Brian M. McGinnis
Manager, Environmental Remediation
FMC Corporation
1735 Market Street
Philadelphia, Pennsylvania 19103

Dear Mr. McGinnis,

The Department of Toxic Substances Control (DTSC) has reviewed the revised five-year review report (Report) for the FMC Richmond Site (Site), located at 855 Parr Boulevard in Richmond, California. The Report is entitled:

- *2012 Five-Year Status Report, FMC Richmond, California Site*, dated October 15, 2012

Our review indicates that the revised Report adequately addresses DTSC comments, which were provided in a letter dated September 21, 2012. The Report is approved.

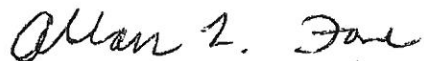
For future five-year reviews, please ensure that report content and organization are consistent with the following United States Environmental Protection Agency guidance documents.

- Comprehensive Five-Year Review Guidance (June 2001, Office of Emergency and Remedial Response (OSWER))
- Recommended Evaluation of Institutional Controls: Supplement to the "Comprehensive Five-Year Review Guidance" (OSWER Directive 9355.7-18).

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In the enclosed memorandum, DTSC Geological Services Unit (GSU) recommends trying to locate and properly decommission monitoring well MW-17. Based on the current schedule, the next annual cap/perimeter inspection and triennial groundwater monitoring report is due June 3, 2013. The next five-year review report is due in 2017. If you have any questions, please contact me at 510-540-3836 or by email at Allan.Fone@dtsc.ca.gov.

Sincerely,

A handwritten signature in cursive script that reads "Allan Fone".

Allan Fone, Ph.D., Project Manager
Brownfields and Environmental Restoration Program

Enclosure

cc: Rowland Keith
Parsons, Inc.
2121 North California Blvd, Suite 500
Walnut Creek, California 94596

George Leyva
Regional Water Quality Control Board
San Francisco Bay Region
151 5 Clay Street, Suite 1400
Oakland, California 94612



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MEMORANDUM

TO: Allan Fone, PhD, Project Manager
Senior Hazardous Substances Scientist
Cleanup Program, Berkeley Office
Brownfields and Environmental Restoration Program

FROM: Renato A. Medrano, PG 8653 *Renato Medrano*
Engineering Geologist, Geological Services Unit
Geological Services Branch
Brownfields and Environmental Restoration Program

CONCUR: Brian Lewis, PG 4287, CEG 1414, CHG 136 *Brian*
Senior Engineering Geologist, Unit Chief, Geological Services Unit
Geological Services Branch
Brownfields and Environmental Restoration Program

DATE: November 16, 2012

SUBJECT: **Revised FMC RICHMOND 2012 FIVE-YEAR STATUS REPORT,
RICHMOND, CALIFORNIA**

PCA: 11019

SITE: 200033-00

WR: 20014962

DOCUMENT REVIEWED

The Geological Services Unit (GSU) has reviewed: *Revised FMC Richmond 2012 Five-Year Status Report, Richmond, California* (Report, dated October 15, 2012), prepared by Parsons for FMC Corporation. The site is located at 855 Parr Boulevard in Richmond. Revisions were made based on a DTSC comment letter dated September 21, 2012.

The scope of this review constitutes only the geological and hydrogeological portions of the Report.

COMMENT AND RECOMMENDATION

The revisions which address GSU's comments (attached to DTSC's letter dated September 21, 2012) are sufficient. Approval of the Report is recommended. However, GSU understands that monitoring well (MW-17) has not been located and properly decommissioned.

Recommendation

The GSU recommends further attempts be made to locate and decommission MW-17 in accordance with county and state requirements. Further attempts to locate the damaged well should be documented and discussed in the succeeding monitoring report. If successful in locating the well, a discussion of the field work should be included in the next monitoring report, along with documentation of the decommissioning.

If you have any questions or comments regarding this memorandum, please contact me at (510) 540-3947 or rmedrano@dtsc.ca.gov or Brian Lewis at (510) 540-3950.

Peer reviewer: Eileen Hughes, PG 8170
Engineering Geologist
Geological Services Branch
Brownfields and Environmental Restoration Program