



EDMUND G. BROWN JR.
GOVERNOR

MATTHEW RODRIGUEZ
SECRETARY FOR
ENVIRONMENTAL PROTECTION

Los Angeles Regional Water Quality Control Board

December 3, 2012

Ms. Janet Frentzel
Prologis
Pier 1, Bay 1
San Francisco, California 94111

REVISED MONITORING AND REPORTING PROGRAM NO. CI-9656 – FORMER COSMODYNE FACILITY, 2920 COLUMBIA STREET, TORRANCE, CALIFORNIA (FILE NO. 09-224, ORDER NO. R4-2007-0019, SERIES NO. 146, CI-9656, GLOBAL ID. WDR100000108)

Dear Ms. Frentzel:

On December 16, 2010, Los Angeles Regional Water Quality Control Board (Regional Board) enrolled you under general Waste Discharge Requirements (WDR Order No. R4-2007-0019) with a Monitoring and Reporting Program (MRP) No. CI-9656 for injection of calcium polysulfide for groundwater remediation of hexavalent chromium and volatile organic compounds.

On behalf of Prologis, URS Corporation submitted the *Modification Request for the General Chemistry Sampling Requirements to the Chemical Injection WDR* (Request) dated October 30, 2012 to request a modification to MRP No. CI-9809. The Request proposes to remove analyses for certain general minerals from MRP No. CI-9809 for all future monitoring events.

Based on review of monitoring data from the 2nd Quarter 2011 to the 3rd Quarter 2012, Regional Board staff determined that certain general minerals have been stable in groundwater from pre-injection through post-injection groundwater sampling events. Therefore, the modification to MRP No. CI-9656 is approved for eliminating analyses of general minerals except total dissolved solids, sulfate, chloride, boron, nitrate, and nitrite because they are required parameters for groundwater quality objectives specified in the Basin Plan.

The revised MRP, which incorporates the proposed modification, is enclosed. The next monitoring report as required in the revised MRP is due on **April 15, 2013**. Please do not combine other reports with your monitoring reports. Submit each type of report as a separate document.

MARIA MEHRANIAN, CHAIR | SAMUEL UNGER, EXECUTIVE OFFICER

320 West 4th St., Suite 200, Los Angeles, CA 90013 | www.waterboards.ca.gov/losangeles

The Discharger shall comply with the Electronic Submittal of Information (ESI) requirements by submitting all reports required under the MRP, including groundwater monitoring data, discharge location data, and pdf monitoring reports to the State Water Resources Control Board GeoTracker database under Global ID WDR100000108. ESI training video is available at: <https://waterboards.webex.com/waterboards/ldr.php?AT=pb&SP=MC&rID=44145287&rKey=7dad4352c990334b>

For all parties who upload electronic documents to State Database GeoTracker, it is no longer necessary to email a copy of these documents to losangeles@waterboards.ca.gov or submit hard copies to our office. The Regional Board will no longer accept documents (submitted by either hard copy or email) already uploaded to GeoTracker. Please see Electronic Submittal to the Los Angeles Regional Board for GeoTracker Users dated December 12, 2011 for further details at:

<http://www.waterboards.ca.gov/losangeles/resources/Paperless/Paperless%20Office%20for%20GT%20Users.pdf>

To avoid paying future annual fees, please submit a written request for termination of your enrollment under the general WDR in a separate letter when the project is completed and the WDR is no longer needed. Be aware that the annual fee covers the fiscal year billing period beginning July 1 and ending June 30, the following year. You will pay the full annual fee if your request for termination is made after the beginning of the new fiscal year beginning July 1.

If you have any questions, please contact the Project Manager, Dr. Ann Chang at (213) 620-6122 (achang@waterboards.ca.gov), or the Chief of Groundwater Permitting Unit, Dr. Eric Wu at (213) 576-6683 (ewu@waterboards.ca.gov).

Sincerely,


Samuel Unger, P.E.
Executive Officer

Enclosure: Revised Monitoring and Reporting Program No. CI-9656 dated
December 3, 2012

cc: Dr. Timothy R. Marshall, URS Corporation

STATE OF CALIFORNIA
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION

REVISED MONITORING AND REPORTING PROGRAM NO. CI-9656
FOR
FORMER COSMODYNE FACILITY
2920 COLUMBIA STREET, TORRANCE, CALIFORNIA

ENROLLMENT UNDER REGIONAL BOARD
ORDER NO. R4-2007-0019 (SERIES NO. 146)
FILE NO. 09-224

I. MONITORING AND REPORTING REQUIREMENTS

- A. Prologis (hereinafter Discharger) shall implement this Monitoring and Reporting Program (MRP) on the effective date under Regional Board Order No. R4-2007-0019. The next monitoring report under this program, shall be received at the Regional Board by **April 15, 2013**. Subsequent monitoring reports shall be received at the Regional Board according to the following schedule:

<u>Monitoring Period</u>	<u>Report Due</u>
January – March	April 15
April – June	July 15
July – September	October 15
October – December	January 15

- B. If there is no discharge or injection, during any reporting period, the report shall so state. By March 1 of each year, the Discharger shall submit an annual summary report to the Regional Board. The report shall contain both tabular and graphical summaries of the monitoring data obtained during the previous calendar year. In addition, the Discharger shall discuss the compliance record and the corrective actions taken or planned, which may be needed to bring the discharge into full compliance with the waste discharge requirements.
- C. The Discharger shall comply with requirements contained in Section G of Order No. R4-2007-0019 "*Monitoring and Reporting Requirements*" in addition to the aforementioned requirements.

II. DISCHARGE MONITORING PROGRAM

The monitoring reports shall contain the following information regarding the injection activities:

1. Location map showing injection points used for the calcium polysulfide solution.
2. Written and tabular summary defining depth of injection points, quantity of the calcium polysulfide solution injected at each injection point, and total amount of the calcium polysulfide solution injected at the Site.
3. Visual inspection at each injection point shall be conducted and recorded during the injection.

III. GROUNDWATER MONITORING PROGRAM

A groundwater monitoring program shall be implemented to evaluate impacts associated with the injection activity. Groundwater samples shall be collected from monitoring wells MW-1, MW-3, MW-6, TP-1, TP-2, TP-3, and TP-4 (Figure 1).

The injection activities were completed in August 2011. The Discharger shall continue to conduct quarterly sampling events after the calcium polysulfide injection from all 7 monitoring wells referenced above for the following groundwater parameters:

CONSTITUENT	UNITS	TYPE OF SAMPLE	MINIMUM FREQUENCY OF ANALYSIS
Dissolved Oxygen	mg/L	grab	Quarterly
Oxidation-Reduction Potential	millivolts	grab	Quarterly
pH	pH units	grab	Quarterly
Specific Conductivity	mS/cm	grab	Quarterly
Temperature	°C	grab	Quarterly
Turbidity	NTU	grab	Quarterly
Total Organic Carbon	mg/L	grab	Quarterly
Total Dissolved Solids	mg/L	grab	Quarterly

CONSTITUENT	UNITS	TYPE OF SAMPLE	MINIMUM FREQUENCY OF ANALYSIS
Sulfate	mg/L	grab	Quarterly
Chloride	mg/L	grab	Quarterly
Boron	mg/L	grab	Quarterly
Nitrate and Nitrite	mg/L	grab	Quarterly
Total Chromium and Hexavalent Chromium	µg/L	grab	Quarterly
Volatile Organic Compounds	µg/L	grab	Quarterly
1,4-Dioxane	µg/L	grab	Quarterly

All groundwater monitoring reports must include, at minimum, the following:

- a. Well identification, date and time of sampling;
- b. Sampler identification, and laboratory identification;
- c. Quarterly observation of groundwater levels, recorded to 0.01 feet mean sea level and groundwater flow direction.

IV. MONITORING FREQUENCIES

Specifications in this monitoring program are subject to periodic revisions. Monitoring requirements may be modified or revised by the Executive Officer based on review of monitoring data submitted pursuant to this Order. Monitoring frequencies may be adjusted to a less frequent basis or parameters and locations dropped by the Executive Officer if the Discharger makes a request and the request is backed by statistical trends of monitoring data submitted.

V. CERTIFICATION STATEMENT

Each report shall contain the following completed declaration:

"I certify under penalty of law that this document, including all attachments and supplemental information, was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of a fine and imprisonment.

Executed on the _____ day of _____ at _____

(Signature)

(Title)"

VI. PUBLIC DOCUMENTS

All records and reports submitted in compliance with Order No.R4-2007-0019 and Monitoring and Reporting Program No. CI-9656 are public documents and will be made available for inspection during business hours at the office of the California Regional Water Quality Control Board, Los Angeles Region, upon request by interested parties. Only proprietary information, and only at the request of the Discharger will be treated as confidential.

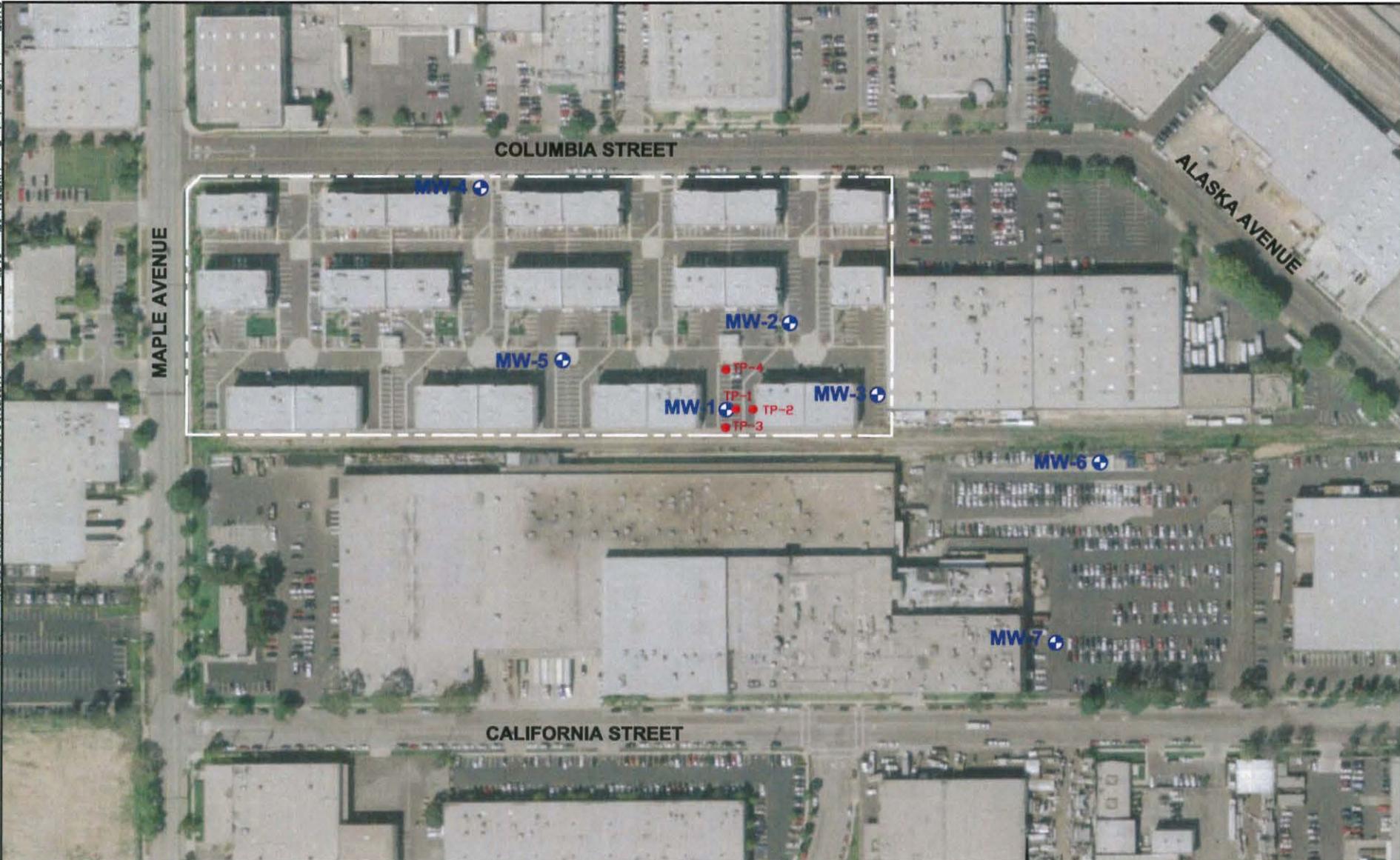
VII. ELECTRONIC SUBMITTAL OF INFORMATION

The Discharger shall comply with the Electronic Submittal of Information (ESI) requirements by submitting all reports required under the MRP, including groundwater monitoring data in Electronic Deliverable Format, discharge location data, and searchable Portable Document Format of monitoring reports to the State Water Resources Control Board GeoTracker database under Global ID WDR100000108.

Ordered by: 
Samuel Unger, P.E.
Executive Officer

Date: December 3, 2012

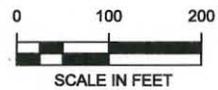
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EXPLANATION

- ⊕ GROUNDWATER MONITORING WELL LOCATIONS
- GROUNDWATER INJECTION MONITORING WELL

▭ PROPERTY BOUNDARY



URS

SITE PLAN

Proj. No.: 29868500

Date: NOVEMBER 2012

Project: COSMODYNE

Figure: 1