

**Notice of Completion & Environmental Document Transmittal**

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<b>SCH # 2014061103</b>
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**Project Title:** General Waste Discharge Requirements for In-Situ Groundwater Remediation and Groundwater Re-injection

Lead Agency: Regional Water Quality Control Board, Los Angeles Region

Contact Person: David Koo

Mailing Address: 320 West 4th Street, Suite 200

Phone: (213) 620-6155

City: Los Angeles

Zip: 90013

County: Los Angeles

**Project Location:** County: Los Angeles, Ventura, Kern City/Nearest Community: Various

Cross Streets: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Longitude/Latitude (degrees, minutes and seconds): \_\_\_\_\_ ° \_\_\_\_\_ ' \_\_\_\_\_ " N / \_\_\_\_\_ ° \_\_\_\_\_ ' \_\_\_\_\_ " W Total Acres: \_\_\_\_\_

Assessor's Parcel No.: \_\_\_\_\_ Section: \_\_\_\_\_ Twp.: \_\_\_\_\_ Range: \_\_\_\_\_ Base: \_\_\_\_\_

Within 2 Miles: State Hwy #: \_\_\_\_\_

Waterways: \_\_\_\_\_

Airports: \_\_\_\_\_

Railways: \_\_\_\_\_

Schools: \_\_\_\_\_

**Document Type:**

CEQA:  NOP

Draft EIR

NEPA:  NOI

Other:  Joint Document

Early Cons

Supplement/Subsequent EIR

EA

Final Document

Neg Dec

(Prior SCH No.) \_\_\_\_\_

Draft EIS

Other: \_\_\_\_\_

Mit Neg Dec

Other: \_\_\_\_\_

FONSI

**Local Action Type:**

General Plan Update

Specific Plan

Rezone

Annexation

General Plan Amendment

Master Plan

Prezone

Redevelopment

General Plan Element

Planned Unit Development

Use Permit

Coastal Permit

Community Plan

Site Plan

Land Division (Subdivision, etc.)

Other: WDR Permit

**Development Type:**

Residential: Units \_\_\_\_\_ Acres \_\_\_\_\_

Office: Sq.ft. \_\_\_\_\_ Acres \_\_\_\_\_ Employees \_\_\_\_\_

Transportation: Type \_\_\_\_\_

Commercial: Sq.ft. \_\_\_\_\_ Acres \_\_\_\_\_ Employees \_\_\_\_\_

Mining: Mineral \_\_\_\_\_

Industrial: Sq.ft. \_\_\_\_\_ Acres \_\_\_\_\_ Employees \_\_\_\_\_

Power: Type \_\_\_\_\_ MW \_\_\_\_\_

Educational: \_\_\_\_\_

Waste Treatment: Type Groundwater MGD Various

Recreational: \_\_\_\_\_

Hazardous Waste: Type \_\_\_\_\_

Water Facilities: Type \_\_\_\_\_ MGD \_\_\_\_\_

Other: \_\_\_\_\_

**Project Issues Discussed in Document:**

Aesthetic/Visual

Fiscal

Recreation/Parks

Vegetation

Agricultural Land

Flood Plain/Flooding

Schools/Universities

Water Quality

Air Quality

Forest Land/Fire Hazard

Septic Systems

Water Supply/Groundwater

Archeological/Historical

Geologic/Seismic

Sewer Capacity

Wetland/Riparian

Biological Resources

Minerals

Soil Erosion/Compaction/Grading

Growth Inducement

Coastal Zone

Noise

Solid Waste

Land Use

Drainage/Absorption

Population/Housing Balance

Toxic/Hazardous

Cumulative Effects

Economic/Jobs

Public Services/Facilities

Traffic/Circulation

Other: \_\_\_\_\_

**Present Land Use/Zoning/General Plan Designation:**

The general WDRs will apply to sites throughout the Los Angeles Region, including areas with all types of land uses and settings.

**Project Description:** (please use a separate page if necessary)

See the attached page.

**Reviewing Agencies Checklist**

Lead Agencies may recommend State Clearinghouse distribution by marking agencies below with an "X". If you have already sent your document to the agency please denote that with an "S".

- |  |   |
|--|---|
| <input checked="" type="checkbox"/> Air Resources Board                    | <input checked="" type="checkbox"/> Office of Historic Preservation                     |
| <input type="checkbox"/> Boating & Waterways, Department of                | <input checked="" type="checkbox"/> Office of Public School Construction                |
| <input checked="" type="checkbox"/> California Emergency Management Agency | <input type="checkbox"/> Parks & Recreation, Department of                              |
| <input type="checkbox"/> California Highway Patrol                         | <input type="checkbox"/> Pesticide Regulation, Department of                            |
| <input type="checkbox"/> Caltrans District # _____                         | <input checked="" type="checkbox"/> Public Utilities Commission                         |
| <input type="checkbox"/> Caltrans Division of Aeronautics                  | <input type="checkbox"/> Regional WQCB # _____  |
| <input type="checkbox"/> Caltrans Planning                                 | <input type="checkbox"/> Resources Agency   |
| <input type="checkbox"/> Central Valley Flood Protection Board             | <input type="checkbox"/> Resources Recycling and Recovery, Department of                |
| <input type="checkbox"/> Coachella Valley Mtns. Conservancy                | <input type="checkbox"/> S.F. Bay Conservation & Development Comm.                      |
| <input type="checkbox"/> Coastal Commission                                | <input checked="" type="checkbox"/> San Gabriel & Lower L.A. Rivers & Mtns. Conservancy |
| <input type="checkbox"/> Colorado River Board                              | <input type="checkbox"/> San Joaquin River Conservancy                                  |
| <input type="checkbox"/> Conservation, Department of                       | <input type="checkbox"/> Santa Monica Mtns. Conservancy                                 |
| <input type="checkbox"/> Corrections, Department of                        | <input type="checkbox"/> State Lands Commission   |
| <input type="checkbox"/> Delta Protection Commission                       | <input type="checkbox"/> SWRCB: Clean Water Grants                                      |
| <input type="checkbox"/> Education, Department of                          | <input checked="" type="checkbox"/> SWRCB: Water Quality                                |
| <input type="checkbox"/> Energy Commission                                 | <input type="checkbox"/> SWRCB: Water Rights  |
| <input checked="" type="checkbox"/> Fish & Game Region #5 _____            | <input type="checkbox"/> Tahoe Regional Planning Agency                                 |
| <input type="checkbox"/> Food & Agriculture, Department of                 | <input checked="" type="checkbox"/> Toxic Substances Control, Department of             |
| <input type="checkbox"/> Forestry and Fire Protection, Department of       | <input checked="" type="checkbox"/> Water Resources, Department of                      |
| <input type="checkbox"/> General Services, Department of                   | Other: _____  |
| <input checked="" type="checkbox"/> Health Services, Department of         | Other: _____  |
| <input checked="" type="checkbox"/> Housing & Community Development        |   |
| <input checked="" type="checkbox"/> Native American Heritage Commission    |   |

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**Local Public Review Period (to be filled in by lead agency)**

Starting Date June 20, 2014 Ending Date July 21, 2014

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**Lead Agency (Complete if applicable):**

Consulting Firm: _____	Applicant: _____
Address: _____	Address: _____
City/State/Zip: _____	City/State/Zip: _____
Contact: _____	Phone: _____
Phone: _____	

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**Signature of Lead Agency Representative:**  **Date:** 6/27/2014

Authority cited: Section 21083, Public Resources Code. Reference: Section 21161, Public Resources Code.

## **Project Description:**

The Regional Water Quality Control Board, Los Angeles Region (Regional Board), proposes to adopt General Waste Discharge Requirements (WDRs) for groundwater remediation at sites impacted by discharges of waste, including petroleum hydrocarbon fuel, volatile organic compounds and inorganic contaminants. Pursuant to the Porter-Cologne Water Quality Control Act (Cal. Water Code §§ 13000 et seq.), the Regional Board adopted General Waste Discharge Requirements Order No. R4-2002-0030 (General WDRs) on January 24, 2002, that regulated discharges of waste associated with groundwater remediation at petroleum hydrocarbon fuel, volatile organic compound and/or hexavalent chromium impacted sites. Those General WDRs have been revised by Order No. R4-2005-0030 adopted on May 5, 2005, and by Order No. R4-2007-0019, adopted on March 1, 2007. Order No. R4-2007-0019 authorized the use of a variety of materials for in-situ remediation purposes, including oxidation/aerobic degradation enhancement compounds, reducing/reductive degradation enhancement compounds, inorganics/nutrients, carbon sources/electron donors, and study tracer compounds. Subsequent to adoption of the initial General WDRs, these WDRs have been revised to include the use of additional treatment compounds. This Regional Board intends to adopt revised General WDRs to accommodate the new materials that have been effectively used to remediate wastes in groundwater and soil.

Wastes, including petroleum hydrocarbon fuel, volatile organic compounds and inorganic contaminants, have impacted groundwater at various sites throughout the Los Angeles Region and cause or threaten to cause adverse impacts to existing and potential beneficial uses of the region's groundwater resources. Remediation/cleanup of groundwater at these sites includes the use and application of chemical, biological, and physical treatment processes, such as oxygen enhanced process, chemical oxidation, chemical reduction, nutrient or chemical addition for enhanced biodegradation, or groundwater pump and treat technology with the return of treated groundwater to the same aquifer zone in some cases. The application of these materials may result in discharges of waste that could impact the beneficial uses. The proposed general WDRs authorize the application of these materials and contain conditions to minimize impacts caused by the application of the materials and require compliance with water quality standards. The adoption of general WDRs for in-situ groundwater remediation/cleanup or the extraction of polluted groundwater with above ground treatment and the return of treated groundwater to the same aquifer zone would: (a) simplify the application process for dischargers, (b) allow more efficient use of Regional Board staff time, (c) reduce Regional Board time by enabling the Executive Officer to notify the discharger of the applicability of the General WDRs, (d) enhance the protection of surface water quality by eliminating the discharge of treated groundwater to surface waters, (e) preserve water resources by re-injection of treated groundwater into aquifers, and f) provide a level of protection comparable to individual, site-specific WDRs.