

Attachment 4. Active Water Board Orders and Notices Authorizing Clean up Actions

Document Type; Date	Title	Description
In-situ Remediation Waste Discharge Requirements and Notices of Applicability		
Board Order R6V-2008-0014; April 9, 2008	General Waste Discharge Requirements for PG&E General Site-wide Groundwater Remediation Project	<ul style="list-style-type: none"> • Authorizes extraction, management and re-injection of groundwater, included freshwater and treated water. In-situ actions consisting of injection of chemical or biological reductant directly to groundwater. • Well rehabilitation and groundwater flow tracing.
Notice of Applicability; April 7, 2009	Notice of Applicability of General Waste Discharge Requirements for the General Site-wide Groundwater Remediation Project (WDID 6B369107001, Board Order No. R6V-2008-0014)	<ul style="list-style-type: none"> • Authorizes South Central Re-injection area project. • Allows up to 80 gallons per minute freshwater injection near Serra Road (Northwest Freshwater Injection area). • Sets receiving water limits for TDS. • Sets monitoring and reporting requirements.
Notice of Applicability; August 17, 2009	Notice of Applicability of General Waste Discharge Requirements for the General Site-wide Groundwater Remediation Project (WDID 6B369107001, Board Order No. R6V-2008-0014)	<ul style="list-style-type: none"> • Authorizes increased ethanol volumes for the Source Area In-situ remediation project.
Notice of Applicability; July 7, 2010	Notice of Applicability of General Waste Discharge Requirements for the General Site-wide Groundwater Remediation Project (WDID 6B369107001, Board Order No. R6V-2008-0014) and Rescission of Monitoring and Reporting programs Nos. R6V-2006-0054A1 and R6V-2008-0032.	<ul style="list-style-type: none"> • Combines three ongoing in-situ remediation projects (Source area, Central area, and South Central re-injection area) into one project (called IRZ, in-situ remediation zone) for monitoring and reporting purposes. • Sets monitoring and reporting for IRZ project. • Sets contingency plan requirements and threshold limits for byproducts migration and concentrations.

Notice of Applicability; December 5, 2014	Notice of Applicability to Conduct Bioreactor Pilot Test, PG&E Compressor Station (WDID 6B369107001, Board Order No. R6V-2008-0014)	<ul style="list-style-type: none"> • Authorizes 14-month testing of 2-stage bioreactor (above-ground treatment system). Effluent from testing to be treated and re-injected at the South Central IRZ • Set additional monitoring and reporting requirements.
Agricultural Treatment Unit WDRs and Notice of Applicability		
Board Order R6V-2014-0023; March 12, 2014	Waste Discharge Requirements for PG&E Groundwater Remediation Project, Agricultural Treatment Units, WDID 6B361403002	<ul style="list-style-type: none"> • Authorizes groundwater extraction and application to irrigate up to 500 acres of agricultural fields. • Sets monitoring and reporting requirements, including Environmental Impact Report mitigation measure implementation.
Notice of Applicability; August 1, 2014	Notice of Applicability of Waste Discharge Requirements for Agricultural Treatment Units, (WDID 6B361403002, Board Order No. R6V-2014-0023)	<ul style="list-style-type: none"> • Describes location and acreage of agricultural fields authorized. • Sets reporting due dates. • Describes minor change to monitoring program.