

Working Group Meeting

**Proposed Rule 1148.2
Notification and Reporting of Pre-Production
Operations of Oil and Gas Wells**

January 15, 2013

PR1148.2 – Purpose and Applicability

- Purpose
 - To gather air quality-related information on oil and gas well pre-production activities
- Applicability
 - Onshore oil or gas wells located in the District conducting:
 - Well drilling
 - Well production stimulation activities
 - Well reworks


PR1148.2 Overview

- Notification and reporting requirements begin 90 days after date of adoption
- Notification requirements to notify AQMD of drilling, well completion, and/or rework activities
- Reporting requirements
 - Emission source reporting
 - Chemical reporting

PR 1148.2 Notification

- Notify AQMD no more than 10 and at least 5 days prior to drilling, well completion, or rework of oil or gas well
- Notification requirements rely on DOGGR notifications – copies of DOGGR forms
- Must identify sensitive receptor(s) within 1,500 feet of well (resident, school, hospital, dormitory etc.)
- If start date changes, must resubmit notification

PR1148.2 – Draft Notification of Well Activities

	South Coast Air Quality Management District Notification for Well Drilling, Completion, and Rework		Mail To: SCAQMD P.O. Box 4944 Diamond Bar, CA 91765-0944		
	Pursuant to SCAQMD Rule 1148.2(d), this form shall be submitted to the District along with completed copies of applicable DOGGR notices.		Tel: (909) 396-3305 www.aqmd.gov		
Section A – Owner and Operator Information					
1. Facility Name (Business Name of Owner):			2. Valid AQMD Facility ID:		
3. Operator Name (if different from Business Name of Owner):			_____		
Section B – Well Information					
4. Well Name/ID:		5. API Number:			
6. Geographical Coordinates of Well (NAD 83 format): Latitude: _____ Longitude: _____					
Section C – Description of Well Activities					
7. Well Activities: Check the appropriate boxes and provide estimated start dates for each checked activity.					
7a. Type of well activity:	Drilling <input type="checkbox"/>	Well Completion <input type="checkbox"/>	Reworking <input type="checkbox"/>	Well Stimulation <input type="checkbox"/>	Other (Please specify): _____
7b. Expected start dates for each well activity listed above (MM/DD/YY):	Start: _____	Start: _____	Start: _____	Start: _____	Start: _____
7c. Type of drilling:	Vertical <input type="checkbox"/>		Horizontal <input type="checkbox"/>		Not Applicable <input type="checkbox"/>
7d. Type of Well Stimulation Technique(s) to be Conducted:	Hydraulic Fracturing <input type="checkbox"/>	Gravel Packing <input type="checkbox"/>	Acidizing <input type="checkbox"/>	Other (Please List) _____	
Section D – Sensitive Receptor Information					
8. List the address(es) and distance(s) of any sensitive receptors (includes residences, schools (K-12), daycare centers, and health care facilities) located within 1,500 feet of the subject well (Attach a separate list if necessary):					
Section E – Authorization/Signature					
9. Signature of Responsible Official:			10. Title of Responsible Official:		
11. Print Name:			12. Date:		

PR1148.2 – Reporting Requirements

- Reporting requirement effective for two years
- Report to AQMD 2 weeks after completion of last activity or last activity in series of activities
- Two reporting requirements
 - Emission source reporting
 - Exhaust emissions from equipment
 - Particulate emissions during mixing dry materials
 - Hydrocarbon emissions when fluids return to the surface
 - Chemical use reporting

PR1148.2 Emission Source Reporting - Equipment

- Must provide following information for equipment used during drilling, well completion, and reworks
 - type of equipment
 - engine size
 - fuel type
 - emission rate and
 - hours of operation
- Provide California Air Resources Board's Portable Equipment Registration Program number or District permit number, if applicable

PR1148.2 Emission Source Reporting – Mixing Dry Materials

- For dry materials used for drilling, well completion, and rework provide:
 - type and amount of dry materials used
 - method(s) in which dry materials are added and mixed into the drilling and well completion fluid(s) and
 - any air pollution control techniques, devices, and/or practices used to control fugitive emissions or odors.

PR1148.2 Emission Source Reporting - Drilling and Flowback Fluids

- For drilling fluids and flowback fluid, provide:
 - volume of drilling fluids used and recovered;
 - volume of well completion fluids used and volume of flowback fluid recovered;
 - method(s) used for conditioning, separating, and/or treating of drilling fluids and/or flowback fluids as it returns to the surface;
 - any air pollution techniques, devices, and/or practices used to control volatile organic compounds or odors; and
 - final disposition of recovered drilling fluids and flowback fluids.

Overview of Proposed Chemical Reporting Requirements

Non-Trade Secret

Report to AQMD

- Chemical name
- Concentration
- Use (Volume or mass)
- HAP and/or TAC

Information for AQMD Website

- Chemical name
- Concentration
- Use (Volume or mass)
- HAP and/or TAC

Trade Secret

Report to AQMD

- Chemical name
- Concentration
- Use (Volume or mass)
- HAP and/or TAC

Information for AQMD Website

- Chemical family name
- HAP and/or TAC

Proposed Rule 1148.2 – Chemical Reporting Requirements

- Within 2 weeks of end date of pre-production operations, submit drilling/well completion fluid information, including:
 - Chemical compound and CAS number
 - Purpose of component
 - For each trade name chemical
 - total volume and density, or mass of component;
 - For each chemical ingredient in trade name product, maximum concentration in percent by mass
 - Identification if chemical is claimed as trade secret
 - Chemical family if chemical is claimed as trade secret
 - Identification if chemical is a HAP and/or TAC

Proposed Rule 1148.2 – Chemical Reporting to AQMD

- Chemical reporting requirement begins 90 days after rule adoption
- Owner or operator of well must report chemicals 14 days after last activity or last activity if series of activities conducted
- Supplier requirements
 - Supplier must provide chemical information to owner or operator within 10 days after materials are sold to owner or operator
 - Supplier must provide trade secret chemical information to AQMD

Proposed Rulemaking Schedule

- January 18, 2013 Stationary Source Committee
- January 24, 2013 Working Group Meeting
- January 30, 2013 Public Workshop
- February 1, 2013 Set Hearing for PR 1148.2
- February 14, 2013 Working Group Meeting
- February 21, 2013 Stationary Source Committee
- March 1, 2013 Hearing for PR 1148.2