

**Evaluation Report  
G# 9300, A/N 6666  
Unocal Station  
61 Arthur Road  
Martinez, CA 94553**

Ramtex Corporation on behalf of Unocal Station has submitted this application to increase the throughput limit at G9300. No hardware modification has being proposed at this time. This station is currently permitted at 940,000 gallons (Cond ID#14098). The baseline of 940,000 gallons per year throughput for the station has been established under A/N 29919

A risk screen performed for this application indicates that a 3.12 million-gallons/yr. throughput is acceptable under the District's Risk Management Policy. Accordingly, this station will now be conditioned to **3.12 million gallons/yr.** pursuant to condition ID #9178.

The station is within 1000 feet of Las Juntas Elementary School triggering the public notice requirements of the Water Bill. There are no other schools within ¼ mile of this station.

Before this throughput increase can be approved, a 30-day public comment period will be held. Notice describing the project and announcing the public comment period will be mailed to the parents of students attending the above schools and people living within 1000 feet of the station. The cost of preparing and distributing this notice will be borne by the applicant.

**VOC Emission Calculations**

Increase:

$$2.18 \text{ million gal/yr} \times 1.27 \text{ \#VOC/1000 gal} = 2768 \text{ \#/yr} \\ = \underline{\underline{7.58 \text{ \#/day}}}$$

Total emissions:

$$3.12 \text{ million gal/yr} \times 1.27 \text{ \#VOC/1000 gal} = 3962 \text{ \#/yr} \\ = \underline{\underline{10.85 \text{ \#/day}}}$$

**New Source Review**

This station has the potential to emit more than 10# of VOC in a single day, triggering the BACT requirements of Regulation 2-2-301.

BACT for GDFs is considered the use of CARB-certified Phase I and Phase II vapor recovery equipment. State law prohibits the District from requiring vapor recovery equipment that is not-CARB certified.

Emissions from this station will remain less than 15 tpd. Per Regulation 2-2-302, offsets are not required.

**TBACT**

The increased risk from this project exceeds 1 per million, triggering the use of TBACT equipment. TBACT for GDFs is considered the use of CARB-certified Phase I and Phase II vapor recovery equipment. State law prohibits the District from requiring vapor recovery equipment that is not-CARB certified.

## **Compliance**

This station is equipped with Two-point Phase I (E O G-70-97A) and Balance Phase II (E O G-70-17-AD) vapor recovery equipment. Both systems are CARB certified, satisfying requirements for BACT and TBACT. This equipment also complies with Sections 8-7-301 and 302.

It is Recommend that an amended P/O be granted to this station upon completion of the public comment period.

By: Madhav Patil Air Quality Technician

Date: 01/28/03