

**Evaluation Report  
G# 5179, A/N 6895  
World Oil #79  
3148 Senter Road  
San Jose, CA 95111**

**Project:**

World Oil has submitted this application to increase the gasoline throughput limits at G5179. No other hardware modifications are being proposed at this time

**Conditions:**

According to the District's Risk Management Policy for operations that meet the requirement for Toxics Best Available Control Technology (TBACT) 8.2-million gallons/yr. throughput is acceptable for this station. This station will now be conditioned to 8.2-million gallons/yr. pursuant to condition ID #20429. A historic base line of 3.1-million gallons/yr. has been established for this station.

**Schools:**

The station is within 1000 feet of Andrew P. Hill High School triggering the public notice requirements of the Water Bill. There are no other schools within ¼ mile of this station.

**Public Notice:**

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:  
5.1 million gal/yr x 1.27 #VOC/1000 gal = 6577 #/yr  
= **17.74 #/day**

Total emissions:  
8.2 million gal/yr x 1.27 #VOC/1000 gal = 10414 #/yr  
= **28.53 #/day**

**New Source Review:**

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

BACT for Gasoline Dispensing Facility (GDF) is considered the use of California Air Resources Board (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 tons per day. Per Regulation 2-2-302, offsets are not required.

**Risk Management:**

This project will increase emission of benzene a toxic air contaminant. The maximum increased risk from these emissions is as follow:

Residence 10 per million  
Andrew P. Hill High School 0.0064 per million

These increased risks are acceptable under the District Risk Management Policy provided the source utilizes TBACT.

**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-70-97-A) and Balance Phase II (E O G-70-17) 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.

**Recommendation:**

Recommend that a P/O be granted to this station for this project upon completion of the public comment period and payment of any outstanding fees for the notification

By: Madhav Patil Air Quality Tech

Date: 03/19/02