



Form R-149:

Acceptance Authorization for Remediation Wastewater to Tosco's San Francisco Refinery at Rodeo

WASTEWATER TREATMENT PLANT (UNIT 100) OPERATORS:

This form below, if approved, serves as an acceptance document to process the wastewater at the San Francisco Area Refinery at Rodeo Wastewater Treatment Plant, Unit 100. The Requester is required to supply all of the necessary analytical and completely fill out the following table:

Requester's Name/Signature:	David B. De Witt	
Company:	Tosco Marketing Company	
Address:	2000 Crow Canyon Place, Suite 400, San Ramon, CA 94583	
Telephone/Fax:	925-277-2384	925-277-2361
Station No. and Location:	SS# 6419 - 6401 Dublin Blvd., Dublin, CA	
Description of Water Source:	Tank pit water (see attached map)	
Volume of Water/Solids Expected:	20,000 gal/month	Minimal
Total Expected Volume/Frequency	120,000 gal. in 6 month period	
Pesticides/Fish Toxicity Expected:	Yes <input type="radio"/> No <input checked="" type="radio"/>	Yes <input type="radio"/> No <input checked="" type="radio"/>
Maximum Rate of Disposal (ESD)		

The remediation wastewater described above has been reviewed for Federal and California Hazardous Waste characteristics. This water is (circle one) recommended not recommended for processing at the WWTP.

This form is valid until:

February 28, 2001

EAD Signature:

[Signature]

Date Recommended: 12/20/00

Operations Signature:

[Signature]

Date Approved: 12/26/00

TRUCK DRIVERS: Please provide a copy of this R-149 form upon delivery of wastewater to Unit 100.

Driver's info:

Truck No. _____	pH at site _____
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UNIT 100 OPERATORS: Please fill out the portion below and forward this completed form to EAD in Room 110 of the Administration Building.

Date and time of delivery:

Delivered on: ____/____/____	@ ____ AM / PM
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Volume delivered:

_____ gallons or _____ bbl.	pH _____
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COMMENTS: No free product accepted. Gravity off-load only.

Store # <u>27057AB</u>	Date: <u>12-26-00</u>
Unit # <u>6419</u>	Code: <u>LAB</u> Color <input type="checkbox"/>
Description: <u>B149</u>	

Any questions? Call (510) 245-4403, (510) 245-4465 or Fax (510) 245-4476.
 WMIS/Mark Laliberte: FAX (510) 245-4603; x4320; Refinery Pager 85-196

WESTERN REGION BOX:

#9512

QUARTERLY SUMMARY REPORT
4th QUARTER - 2000
(Oct. - Dec.)

TOSCO 76 SERVICE STATION No. 6419
6401 Dublin Blvd.
Dublin, CA

COUNTY: Alameda

RWQCB OFFICE: San Francisco Bay Region

BACKGROUND: The subject site contains an operating 76 service station/mini-mart/carwash facility. Two gasoline underground storage tanks (USTs), one waste oil UST, one underground septic tank, and the associated product piping were removed from the site in September 1993 during UST and piping replacement activities. No significant hydrocarbon-impacted soil was encountered during the removal and replacement of the UST and piping system in September of 1993. The maximum concentration of TPH as gasoline (TPHg) encountered was 9.7 ppm in one of the piping trench soil samples. Three ground water monitoring wells have been installed at the site in February 1994. No detectable concentrations of TPHg or BTEX were found in any of the soil samples collected during the installation of the three monitoring wells. Oxygen-releasing compound (ORC®) socks were previously installed in MW-1 in an attempt to increase oxygen availability in the vicinity of the well in order to stimulate bioremediation. Four additional on-site monitoring wells were installed in May 1999. In November 1999, a 4" diameter PVC well casing was installed in the existing UST pit backfill for use in purging MTBE-impacted groundwater. Recent samples collected from monitoring wells MW-1 through MW-7 have shown very low to predominantly non-detectable concentrations of TPHg or any BTEX constituents, however, MTBE was detected in wells MW-1, MW-4 and MW-6 at concentrations of 42,800, 3,710 and 4,280 ppb, respectively, during the most recent sampling event. MTBE concentrations in wells MW-2, MW-3, MW-5 and MW-7 ranged from 17.9 to 927 ppb for the most recent samples. The seven monitoring wells are currently monitored and sampled semi-annually.

RECENT QUARTER ACTIVITIES: Purged 3,000 to 5,000 gallons of groundwater from the tank pit well on 11 occasions. Prepared and submitted Remedial Status Report.

NEXT QUARTER ACTIVITIES: Monitor and sample groundwater monitoring wells. Continue weekly purging of tank pit well.

CHARACTERIZATION/REMEDIAL STATUS:

Soil contamination delineated? yes
Dissolved ground water delineated? no
Free product delineated? none

Amount of impacted groundwater recovered this quarter? 49,500 (gal)
Amount of impacted groundwater recovered historically? 209,300 (gal)

Soil remediation in progress? no
-anticipated start? N/A
-anticipated completion? N/A

Dissolved/free product remediation in progress? yes
-anticipated start? December 1999
-anticipated completion? unknown

CONSULTANT/CONTRACTOR: Gettler-Ryan Inc.