State of California
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION
320 West 4th Street, Suite 200, Los Angeles
REVISED FACT SHEET
WASTE DISCHARGE REQUIREMENTS
FOR
LAXFUEL CORPORATION
(NPDES NO. CAG914001, SERIES NO. 59)
CI-7568

FACILITY LOCATION
9900 Laxfuel Road
Los Angeles, CA 90045

FACILITY MAILING ADDRESS
9900 Laxfuel Road
Los Angeles, CA 90045

PROJECT DESCRIPTION

Laxfuel Corporation (Laxfuel) operates a groundwater treatment system at 9900 Laxfuel Road, Los Angeles (See Figure 1 for the site location). The primary contaminants at the site include 1,1-Dichloroethylene, Tetrachloroethylene,1,4-Dioxane, and free petroleum products. The treatment system includes an oil/water separator, bag filters, and four granulated activated carbon (GAC) vessels in series (See Figure 2 for treatment process). The treated groundwater from the site is discharged under the General NPDES Permit CAG914001, Order No. R4-2007-0022 which was issued on July 27, 2007. The fact sheet is being revised to correct typographic errors in the Monitoring and Reporting Program No. 7568. The effluent monitoring program is being revised to add oil & grease and total petroleum hydrocarbons as the monitoring parameters, and to indicate that effluent grab sample should be used to conduct acute toxicity test.

VOLUME AND DESCRIPTION OF DISCHARGE

Approximately 230,000 gallons per day of treated groundwater is discharged from the facility to Discharge Point 1 (Latitude 33°56'38", Longitude 118°23'52"). The discharge flows into a miscellaneous coastal drain, thence into the Pacific Ocean, a water of the United States.

APPLICABLE EFFLUENT LIMITATIONS

Based on the information provided in the NPDES Application Supplemental Requirements, the following constituents in the Table below have been determined to show reasonable potential to exist in the discharge. The receiving waterbody for the discharge, a miscellaneous coastal stream that drains into the Pacific Ocean, has a designated beneficial use of (MUN) Potential. Therefore, discharge limitations specified in Attachment B are not applicable to this discharge.

Revised August 23, 2007

This Table lists the specific constituents and effluent limitations applicable to the discharge.

Constituents	Units	Discharge Limitations	
		Daily Maximum	Monthly Average
Total Suspended Solids	mg/L	150	50
Turbidity	NTU	150	50
BOD_5 20°C	mg/L	30	20
Oil and Grease	mg/L	15	10
Settleable Solids	ml/L	0.3	0.1
Sulfides	mg/L	1.0	---
Phenols	mg/L	1.0	---
Residual Chlorine	mg/L	0.1	---
Volatile organic Compounds			
1,1-Dichloroethylene	µg/L	0.057	---
Trichloroethylene	µg/L	2.7	---
Tetrachloroethylene	µg/L	0.8	---
1,4-Dioxane	µg/L	3.0	---
Total Petroleum Hydrocarbons	µg/L	100	---

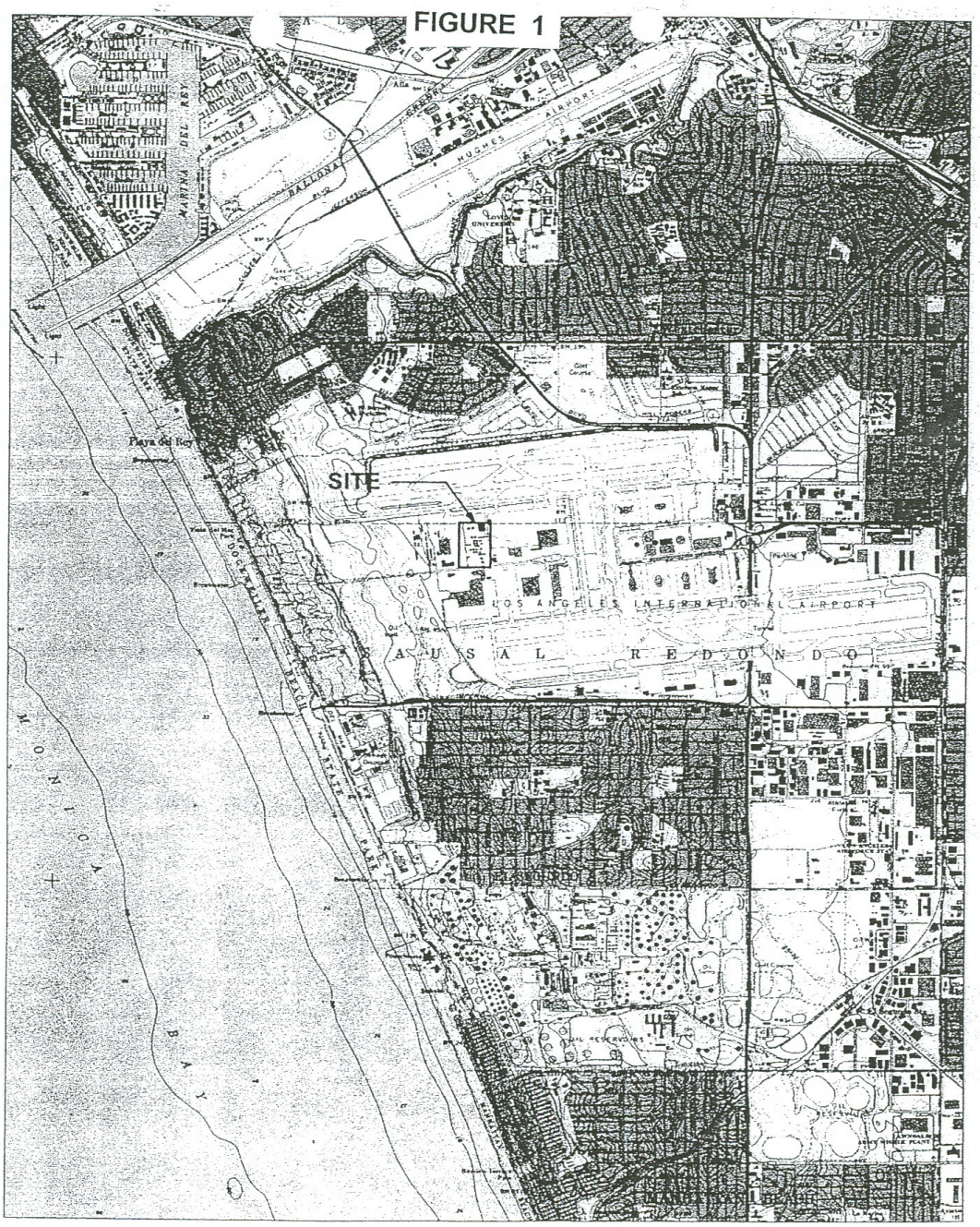
FREQUENCY OF DISCHARGE

The discharge of groundwater will be continuous until the cleanup project is completed.

REUSE OF WATER

It is not economically feasible to haul all the groundwater for off-site disposal. Due to the large volume of groundwater that will be generated, it is not feasible to discharge the water to the sanitary sewer system. There are no feasible reuse options for the discharge. Therefore, the treated groundwater will be discharged to the storm drain in compliance with the requirements of the attached order.

FIGURE 1



BASE MAP FROM USGS 7.5' QUAD. VENICE, CALIFORNIA, 1981

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SCALE IN FEET

AIRCRAFT SERVICE INTL GROUP
LAXFUEL
LOS ANGELES, CALIFORNIA
SITE LOCATION

"PARTNERS IN SERVICE"
Advanced Remediation Technologies Co.
119 NW 4TH AVE CANBY, OREGON 97013

DATE	08/14/01
DRAWN	LAD
DESIGN	LAD
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SHEET	1 OF 5

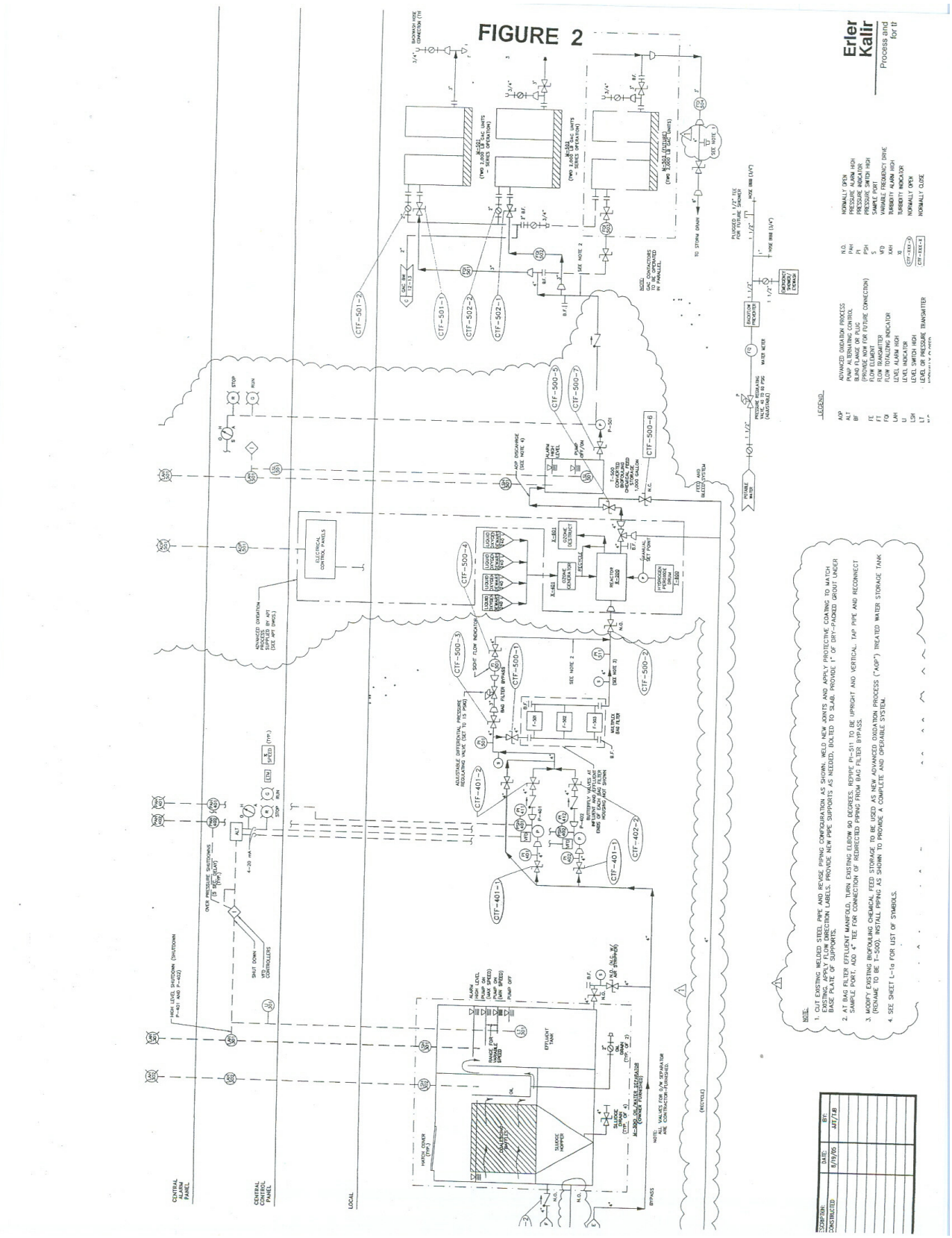
FIGURE 2
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Process and
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LEGEND
NOTE:
1. CUT EXISTING WELDED STEEL PIPE AND REVISE PIPING CONFIGURATION AS SHOWN. WELD NEW JOINTS AND APPLY PROTECTIVE COATING TO MATCH EXISTING. APPLY FLOW DIRECTION LABELS. PROVIDE NEW PIPE SUPPORTS AS NEEDED, BOLTED TO SLAB. PROVIDE 1" OF DRY-PACKED GROUT UNDER BASE PLATE OF SUPPORTS.
2. AT BAG FILTER EFFLUENT MANIFOLD, TURN EXISTING ELBOW 90 DEGREES. REPIPE P-501 TO BE UPRIGHT AND VERTICAL. TAP PIPE AND RECONNECT SAMPLE PORT. ADD 4" TEE FOR CONNECTION OF REDIRECTED PIPING FROM BAG FILTER BYPASS.
3. MODIFY EXISTING BIOFOULING CHEMICAL FEED STORAGE TO BE USED AS NEW ADVANCED OXIDATION PROCESS ("AOP") TREATED WATER STORAGE TANK (REHAME TO BE T-500). INSTALL PIPING AS SHOWN TO PROVIDE A COMPLETE AND OPERABLE SYSTEM.
4. SEE SHEET L-1a FOR LIST OF SYMBOLS.
CENTRAL ALARM PANEL
CENTRAL CONTROL PANEL
LOCAL
BYPASS
(RECYCLE)
EFFLUENT TANK
SLUDGE HOPPER
ELECTRICAL CONTROL PANELS
ADVANCED OXIDATION PROCESS SUPPLIED BY APT (SEE APT DWGS.)
BAG FILTER BYPASS
SIGHT FLOW INDICATOR
ADJUSTABLE DIFFERENTIAL PRESSURE REGULATING VALVE (SET TO 15 PSID)
OVER PRESSURE SHUTDOWN 15 PSIG (TYP.)
HIGH LEVEL SHUTDOWN (SHUTDOWN P-401 AND P-402)
START DOWN VFD CONTROLLERS
4-20 mA
SPEED (TYP.)
RUN
STOP
HAND/OFF/AUTO (TYP.)
ALARM HIGH LEVEL (AM SPEED) (AM SPEED) PUMP OFF
RANGE FOR VARIABLE SPEED
AIR PURGE (TYP. OF 2)
SLUDGE DRAIN (TYP. OF 4)
AC-500 OIL/WATER SEPARATOR (ONCE THROUGH)
NOTE: VALVES FOR O/W SEPARATOR ARE CONTRACTOR-FURNISHED.
HAND/OFF/AUTO (TYP.)
ELECTRICAL
OZONE GENERATOR
OZONE DESTRUCT
REACTION TANK
HYDROGEN PEROXIDE TANK
X-501
X-502
T-500
P-501
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