ECR,

VP

SCHAEFER OIL COMPANY

Oil Producers

23872 MALIBU ROAD, MALIBU, CA 90265
(213) 456-1966

March 27,1987

California Regional Water Quality Control Board
Central Valley Region
San Joaquin Watershed Branch Office
3614 East Ashlan Avenue
Fresno, CA 93726

Attn: Cliff Raley

Re: Wastewater Discharge Permit
N.P.D.E.S CA-0078859

Dear Mr. Raley:

Attached is our application for a permit to dispose of the produced water from our oil leases located in Sec. 20,21,27,28,29 and 32. T26S R28E MDB&M.

We are asking for a permit to discharge approximately 26,500 bbl/day of fresh water, which is produced with our oil production.

Attachment 1: A topographic map of the area
Attachment 2: Environmental Impact Statement
Attachment 3: Water flow pattern and volume.
Attachment 4: Water analysis of fallout water

Sincerely,

Peggy Schaefer

RECEIVED
APR 02 1987
CALIFORNIA REGIONAL WATER QUALITY
CONTROL BOARD
CENTRAL VALLEY REGIONAL
FRESNO, CALIFORNIA

SCHAEFER OIL CO.
213-456-1966
23872 MALIBU ROAD
MALIBU, CALIFORNIA 90265

1653

16-21/149
1220

March 27, 19 85

Pay to the
Order of CALIFORNIA REGIONAL WATER CONTROL BOARD $ 500.00

FIVE HUNDRED AND no/100- Dollars

First Interstate Bank

First Interstate Bank
of California
Los Angeles Main Office
707 Wilshire Boulevard
Los Angeles, CA 90017

⑈001653⑈ ⑆122000218⑆ 1499056⑈ 11

Please print or type in the unshaded areas only
(fill—in areas are spaced for elite type, i.e., 12 characters/inch).

Cliff Raley / $500 / New / 4-2-87

Form Approved. OMB No. 2000-0474. Expires 3-31-84.

FORM 1 GENERAL

EPA

U.S. ENVIRONMENTAL PROTECTION AGENCY

GENERAL INFORMATION

Consolidated Permits Program

(Read the "General Instructions" before starting.)

I. EPA I.D. NUMBER

S F | T/A | C D

LABEL ITEMS

I. EPA I.D. NUMBER

III. FACILITY NAME

V. FACILITY MAILING ADDRESS

VI. FACILITY LOCATION

SCHAEFER OIL COMPANY

23872 Malibu Road
Malibu, Ca 90265

Mt. Poso Bakersfield, Ca.

GENERAL INSTRUCTIONS

If a preprinted label has been provided, affix it in the designated space. Review the information carefully; if any of it is incorrect, cross through it and enter the correct data in the appropriate fill—in area below. Also, if any of the preprinted data is absent *(the area to the left of the label space lists the information that should appear)*, please provide it in the proper fill—in area(s) below. If the label is complete and correct, you need not complete Items I, III, V, and VI *(except VI-B which must be completed regardless)*. Complete all items if no label has been provided. Refer to the instructions for detailed item descriptions and for the legal authorizations under which this data is collected.

II. POLLUTANT CHARACTERISTICS

INSTRUCTIONS: Complete A through J to determine whether you need to submit any permit application forms to the EPA. If you answer "yes" to any questions, you must submit this form and the supplemental form listed in the parenthesis following the question. Mark "X" in the box in the third column if the supplemental form is attached. If you answer "no" to each question, you need not submit any of these forms. You may answer "no" if your activity is excluded from permit requirements; see Section C of the instructions. See also, Section D of the instructions for definitions of **bold—faced terms.**

SPECIFIC QUESTIONS	MARK 'X' YES	NO	FORM ATTACHED
A. Is this facility a **publicly owned treatment works** which results in a **discharge** to **waters of the U.S.**? (FORM 2A)		X	
B. Does or will this facility *(either existing or proposed)* include a **concentrated animal feeding operation** or **aquatic animal production facility** which results in a **discharge** to **waters of the U.S.**? (FORM 2B)		X	
C. Is this a facility which currently results in **discharges** to **waters of the U.S.** other than those described in A or B above? (FORM 2C)	X		
D. Is this a proposed facility *(other than those described in A or B above)* which will result in a **discharge** to **waters of the U.S.**? (FORM 2D)		X	
E. Does or will this facility treat, store, or dispose of **hazardous wastes**? (FORM 3)		X	
F. Do you or will you inject at this facility industrial or municipal effluent below the lowermost stratum containing, within one quarter mile of the well bore, underground sources of drinking water? (FORM 4)		X	
G. Do you or will you inject at this facility any produced water or other fluids which are brought to the surface in connection with conventional oil or natural gas production, inject fluids used for enhanced recovery of oil or natural gas, or inject fluids for storage of liquid hydrocarbons? (FORM 4)	X		
H. Do you or will you inject at this facility fluids for special processes such as mining of sulfur by the Frasch process, solution mining of minerals, in situ combustion of fossil fuel, or recovery of geothermal energy? (FORM 4)		X	
I. Is this facility a proposed **stationary source** which is one of the 28 industrial categories listed in the instructions and which will potentially emit 100 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an **attainment area**? (FORM 5)		X	
J. Is this facility a proposed **stationary source** which is NOT one of the 28 industrial categories listed in the instructions and which will potentially emit 250 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an **attainment area**? (FORM 5)		X	

III. NAME OF FACILITY

C 1 SKIP

IV. FACILITY CONTACT

A. NAME & TITLE *(last, first, & title)*: C 2 SCHAEFER OIL COMPANY

B. PHONE *(area code & no.)*: 213 456 1966

V. FACILITY MAILING ADDRESS

A. STREET OR P.O. BOX: C 3 23872 Malibu Road

B. CITY OR TOWN: C 4 Malibu,

C. STATE: CA

D. ZIP CODE: 90265

VI. FACILITY LOCATION

A. STREET, ROUTE NO. OR OTHER SPECIFIC IDENTIFIER: C 5 Mt. Poso Area

B. COUNTY NAME: Kern County

C. CITY OR TOWN: C 6 Bakersfield,

D. STATE: CA

E. ZIP CODE: 93308

F. COUNTY CODE *(if known)*

CONTINUED FROM THE FRONT

VII. SIC CODES (4-digit, in order of priority)

A. FIRST	B. SECOND
(specify)	(specify)
C. THIRD	D. FOURTH
(specify)	(specify)

VIII. OPERATOR INFORMATION

A. NAME: JIM W. SCHAEFER

B. Is the name listed in Item VIII-A also the owner? [X] YES [ ] NO

C. STATUS OF OPERATOR (Enter the appropriate letter into the answer box; if "Other", specify.)
F = FEDERAL, S = STATE, P = PRIVATE, M = PUBLIC (other than federal or state), O = OTHER (specify)
P (specify)

D. PHONE (area code & no.): A 213 456 1966

E. STREET OR P.O. BOX: 23872 Malibu Road

F. CITY OR TOWN: Malibu,

G. STATE: CA

H. ZIP CODE: 90265

IX. INDIAN LAND

Is the facility located on Indian lands? [ ] YES [X] NO

X. EXISTING ENVIRONMENTAL PERMITS

A. NPDES (Discharges to Surface Water): 9 N CA-0078859	D. PSD (Air Emissions from Proposed Sources): 9 P
B. UIC (Underground Injection of Fluids): 9 U	E. OTHER (specify): 9 (specify)
C. RCRA (Hazardous Wastes): 9 R	E. OTHER (specify): 9 (specify)

XI. MAP

Attach to this application a topographic map of the area extending to at least one mile beyond property bounderies. The map must show the outline of the facility, the location of each of its existing and proposed intake and discharge structures, each of its hazardous waste treatment, storage, or disposal facilities, and each well where it injects fluids underground. Include all springs, rivers and other surface water bodies in the map area. See instructions for precise requirements.

XII. NATURE OF BUSINESS (provide a brief description)

Crude Oil Production

RECEIVED
APR 02 1987
CENTRAL VALLEY REGIONAL

XIII. CERTIFICATION (see instructions)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attachments and that, based on my inquiry of those persons immediately responsible for obtaining the information contained in the application, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME & OFFICIAL TITLE (type or print)	B. SIGNATURE	C. DATE SIGNED
Peggy Schaefer Vice-President	Peggy Schaefer	March 27,1987

COMMENTS FOR OFFICIAL USE ONLY

C

☆ U. S. GOVERNMENT PRINTING OFFICE:1983--661-937/125

Please print or type in the unshaded areas only.

EPA I.D. NUMBER *(copy from Item 1 of Form 1)*

Form Approved
OMB No. 2000-0059
Approval expires 3-31-84

FORM 2C NPDES

U.S. ENVIRONMENTAL PROTECTION AGENCY

APPLICATION FOR PERMIT TO DISCHARGE WASTEWATER

EXISTING MANUFACTURING, COMMERCIAL, MINING AND SILVICULTURAL OPERATIONS

Consolidated Permits Program

I. OUTFALL LOCATION

For each outfall, list the latitude and longitude of its location to the nearest 15 seconds and the name of the receiving water.

A. OUTFALL NUMBER *(list)*	B. LATITUDE			C. LONGITUDE			D. RECEIVING WATER *(name)*
	1. DEG.	2. MIN.	3. SEC.	1. DEG.	2. MIN.	3. SEC.	
0001	35°	38'	33"N	118°	58'	28"W	Unnamed arroyo - a contributary to Poso Creek
0002	35°	37'	41"	118°	58'	37"W	Little Creek - a contributary to Poso Creek

II. FLOWS, SOURCES OF POLLUTION, AND TREATMENT TECHNOLOGIES

A. Attach a line drawing showing the water flow through the facility. Indicate sources of intake water, operations contributing wastewater to the effluent, and treatment units labeled to correspond to the more detailed descriptions in Item B. Construct a water balance on the line drawing by showing average flows between intakes, operations, treatment units, and outfalls. If a water balance cannot be determined *(e.g., for certain mining activities)*, provide a pictorial description of the nature and amount of any sources of water and any collection or treatment measures.

B. For each outfall, provide a description of: (1) All operations contributing wastewater to the effluent, including process wastewater, sanitary wastewater, cooling water, and storm water runoff; (2) The average flow contributed by each operation; and (3) The treatment received by the wastewater. Continue on additional sheets if necessary.

1. OUTFALL NO. *(list)*	2. OPERATION(S) CONTRIBUTING FLOW		3. TREATMENT		
	a. OPERATION *(list)*	b. AVERAGE FLOW *(include units)*	a. DESCRIPTION	b. LIST CODES FROM TABLE 2C-1	
0001	Fresh water from oil prod.	15000 ~~GPD~~ BBL	Heat and Chemical	2-C	
0002	Fresh water from oil prod.	11500 ~~GPD~~ BBL	Heat and Chemical	2-C	

OFFICIAL USE ONLY *(effluent guidelines sub-categories)*

C. Except for storm runoff, leaks, or spills, are any [illegible]e discharges described in Items II-A or B intermitte[illegible] seasonal?

☐ YES *(complete the following table)* ☒ NO *(go to Section III)*

1. OUTFALL NUMBER *(list)*	2. OPERATION(s) CONTRIBUTING FLOW *(list)*	3. FREQUENCY a. DAYS PER WEEK *(specify average)*	3. FREQUENCY b. MONTHS PER YEAR *(specify average)*	4. FLOW a. FLOW RATE *(in mgd)* 1. LONG TERM AVERAGE	4. FLOW a. FLOW RATE *(in mgd)* 2. MAXIMUM DAILY	4. FLOW b. TOTAL VOLUME *(specify with units)* 1. LONG TERM AVERAGE	4. FLOW b. TOTAL VOLUME *(specify with units)* 2. MAXIMUM DAILY	4. FLOW c. DURATION *(in days)*
0001	Central Tank Facility	7	12	15.				contin-ous
0002	Jones Lease	7	12	11.5				contin-ous

III. MAXIMUM PRODUCTION

A. Does an effluent guideline limitation promulgated by EPA under Section 304 of the Clean Water Act apply to your facility?

☐ YES *(complete Item III-B)* ☒ NO *(to to Section IV)*

B. Are the limitations in the applicable effluent guideline expressed in terms of production *(or other measure of operation)*?

☐ YES *(complete Item III-C)* ☒ NO *(go to Section IV)*

C. If you answered "Yes" to Item III-B, list the quantity which represents an actual measurement of your maximum level of production, expressed in the terms and units used in the applicable effluent guideline, and indicate the affected outfalls.

1. MAXIMUM QUANTITY a. QUANTITY PER DAY	1. MAXIMUM QUANTITY b. UNITS OF MEASURE	1. MAXIMUM QUANTITY c. OPERATION, PRODUCT, MATERIAL, ETC. *(specify)*	2. AFFECTED OUTFALLS *(list outfall numbers)*

IV. IMPROVEMENTS

A. Are you now required by any Federal, State or local authority to meet any implementation schedule for the construction, upgrading or operation of wastewater treatment equipment or practices or any other environmental programs which may affect the discharges described in this application? This includes, but is not limited to, permit conditions, administrative or enforcement orders, enforcement compliance schedule letters, stipulations, court orders, and grant or loan conditions.

☐ YES *(complete the following table)* ☒ NO *(go to Item IV-B)*

1. IDENTIFICATION OF CONDITION, AGREEMENT, ETC.	2. AFFECTED OUTFALLS a. NO.	2. AFFECTED OUTFALLS b. SOURCE OF DISCHARGE	3. BRIEF DESCRIPTION OF PROJECT	4. FINAL COMPLIANCE DATE a. REQUIRED	4. FINAL COMPLIANCE DATE b. PROJECTED

B. OPTIONAL: You may attach additional sheets describing any additional water pollution control programs *(or other environmental projects which may affect your discharges)* you now have underway or which you plan. Indicate whether each program is now underway or planned, and indicate your actual or planned schedules for construction. ☐ MARK "X" IF DESCRIPTION OF ADDITIONAL CONTROL PROGRAMS IS ATTACHED

EPA I.D. NUMBER *(copy from Item 1 of Form 1)*

Form Approved
OMB No. 2000-0059
Approval expires 3-31-84

V. INTAKE AND EFFLUENT CHARACTERISTICS

A, B, & C: See instructions before proceeding — Complete one set of tables for each outfall — Annotate the outfall number in the space provided. NOTE: Tables V-A, V-B, and V-C are included on separate sheets numbered V-1 through V-9.

D. Use the space below to list any of the pollutants listed in Table 2c-3 of the instructions, which you know or have reason to believe is discharged or may be discharged from any outfall. For every pollutant you list, briefly describe the reasons you believe it to be present and report any analytical data in your possession.

1. POLLUTANT	2. SOURCE	1. POLLUTANT	2. SOURCE
N/A			

VI. POTENTIAL DISCHARGES NOT COVERED BY ANALYSIS

A. Is any pollutant listed in Item V-C a substance or a component of a substance which you do or expect that you will over the next 5 years use or manufacture as an intermediate or final product or byproduct?

☐ YES *(list all such pollutants below)* ☐ NO *(go to Item VI-B)*

N/A

B. Are your operations such that your raw materials, processes, or products can reasonably be expected to vary so that your discharges of pollutants may during the next 5 years exceed two times the maximum values reported in Item V?

☐ YES *(complete Item VI-C below)* ☒ NO *(go to Section VII)*

C. If you answered "Yes" to Item VI-B, explain below and describe in detail the sources and expected levels of such pollutants which you anticipate will be discharged from each outfall over the next 5 years, to the best of your ability at this time. Continue on additional sheets if you need more space.

CONTINUED FROM THE FRONT

VII. BIOLOGICAL TOXICITY TESTING DATA

Do you have any knowledge or reason to believe that any biological test for acute or chronic toxicity has been made on any of your discharges or on a receiving water in relation to your discharge within the last 3 years?

☐ YES *(identify the test(s) and describe their purposes below)* ☐ NO *(go to Section VIII)*

N/A

VIII. CONTRACT ANALYSIS INFORMATION

Were any of the analyses reported in Item V performed by a contract laboratory or consulting firm?

☒ YES *(list the name, address, and telephone number of, and pollutants analyzed by, each such laboratory or firm below)* ☐ NO *(go to Section IX)*

A. NAME	B. ADDRESS	C. TELEPHONE (area code & no.)	D. POLLUTANTS ANALYZED (list)
B C Laboratories, Inc.	4100 Pierce Road Bakersfield Ca. 93308	(805) 327-4911	(see list attached)

IX. CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME & OFFICIAL TITLE *(type or print)*	B. PHONE NO. *(area code & no.)*
Peggy Schaefer Vice-President	(213) 456-1966
C. SIGNATURE Peggy Schaefer	**D. DATE SIGNED** March 27, 1987

PLEASE PRINT OR TYPE IN THE UNSHADED AREAS ONLY. You may report some or all of this information on separate sheets *(use the same format)* instead of completing these pages.
SEE INSTRUCTIONS.

EPA I.D. NUMBER *(copy from Item 1 of Form 1)*

Form Approved
OMB No. 2000-0059
Approval expires 3-31-84

OUTFALL NO. 0001

V. INTAKE AND EFFLUENT CHARACTERISTICS *(continued from page 3 of Form 2-C)*

PART A - You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.

1. POLLUTANT	2. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE *(if available)* (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE *(if available)* (2) MASS	c. LONG TERM AVRG. VALUE *(if available)* (1) CONCENTRATION	c. LONG TERM AVRG. VALUE *(if available)* (2) MASS	d. NO. OF ANALYSES	3. UNITS *(specify if blank)* a. CONCENTRATION	3. UNITS b. MASS	4. INTAKE *(optional)* a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	4. INTAKE a. LONG TERM AVERAGE VALUE (2) MASS	4. INTAKE b. NO. OF ANALYSES
a. Biochemical Oxygen Demand *(BOD)*	N/A											
b. Chemical Oxygen Demand *(COD)*	N/A											
c. Total Organic C[illegible] *(TOC)*	N/A											
d. Total Suspended Solids *(TSS)*	N/A											
e. Ammonia *(as N)*	N/A											
f. Flow	VALUE N/A		VALUE		VALUE					VALUE		
g. Temperature *(winter)*	VALUE		VALUE		VALUE			°C		VALUE		
h. Temperature *(summer)*	VALUE		VALUE		VALUE			°C		VALUE		
i. pH	MINIMUM N /A	MAXIMUM N/A	MINIMUM	MAXIMUM				STANDARD UNITS				

PART B - Mark "X" in column 2-a for each pollutant you know or have reason to believe is present. Mark "X" in column 2-b for each pollutant you believe to be absent. If you mark column 2-a for any pollutant, you must provide the results of at least one analysis for that pollutant. Complete one table for each outfall. See the instructions for additional details and requirements.

1. POLLUTANT AND CAS NO. *(if available)*	2. MARK 'X' a. BELIEVED PRESENT	2. MARK 'X' b. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE *(if available)* (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE *(if available)* (2) MASS	c. LONG TERM AVRG. VALUE *(if available)* (1) CONCENTRATION	c. LONG TERM AVRG. VALUE *(if available)* (2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	4. UNITS b. MASS	5. INTAKE *(optional)* a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	5. INTAKE a. LONG TERM AVERAGE VALUE (2) MASS	5. INTAKE b. NO. OF ANALYSES
a. Bromide (24959-67-9)	NA													
b. Chlorine, Total Residual	NA													
c. Color	NA													
d. Fecal Coliform	NA													
e. Fluoride (16984-48-8)	NA													
f. Nitrate–Nitrite *(as N)*	NA													

CONTINUE ON REVERSE

ITEM V-B CONTINUED FROM FRONT

1. POLLUTANT AND CAS NO. (if available)	2. MARK 'X' a. BELIEVED PRESENT	2. MARK 'X' b. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	3. EFFLUENT a. MAXIMUM DAILY VALUE (2) MASS	3. EFFLUENT b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	3. EFFLUENT b. MAXIMUM 30 DAY VALUE (if available) (2) MASS	3. EFFLUENT c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	3. EFFLUENT c. LONG TERM AVRG. VALUE (if available) (2) MASS	3. EFFLUENT d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	4. UNITS b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (2) MASS	5. INTAKE (optional) b. NO. OF ANALYSES
g. Nitrogen, Total Organic (as N)	NA													
h. Oil and Grease	X		26.4PPM											
i. Phosphorus (as P), Total (7723-14-0)	NA													
j. Radioactivity														
(1) Alpha, Total	NA													
(2) Beta, Total	NA													
(3) [illegible]dium, T[illegible]	NA													
(4) Radium 226, Total	NA													
k. Sulfate (as SO_4) (14808-79-8)	NA													
l. Sulfide (as S)	NA													
m. Sulfite (as SO_3) (14265-45-3)	NA													
n. Surfactants	NA													
o. Aluminum, Total (7429-90-5)	NA													
p. Barium, Total (7440-39-3)	X		(-)0.10						1					
q. Boron, Tot[illegible] (7[illegible]2-8)	X		0.62						1					
r. C[illegible]alt, Total (7440-48-4)	X		(-)0.05						1					
s. Iron, Total (7439-89-6)	NA													
t. Magnesium, Total (7439-95-4)	NA													
u. Molybdenum, Total (7439-98-7)	X		(-)0.10						1					
v. Manganese, Total (7439-96-5)	NA													
w. Tin, Total (7440-31-5)	NA													
x. Titanium, Total (7440-32-6)	NA													

EPA I.D. NUMBER *(copy from Item 1 of Form 1)*	OUTFALL NUMBER
	0001

Form Approved
OMB No. 2000-0059
Approval expires 3-31-84

CONTINUED FROM PAGE 3 OF FORM 2-C

PART C - If you are a primary industry and this outfall contains process wastewater, refer to Table 2c-2 in the instructions to determine which of the GC/MS fractions you must test for. Mark "X" in column 2-a for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark column 2-a *(secondary industries, non–process wastewater outfalls, and non–required GC/MS fractions)*, mark "X" in column 2-b for each pollutant you know or have reason to believe is present. Mark "X" in column 2-c for each pollutant you believe to be absent. If you mark either columns 2-a or 2-b for any pollutant, you must provide the results of at least one analysis for that pollutant. Note that there are seven pages to this part; please review each carefully. Complete one table *(all seven pages)* for each outfall. See instructions for additional details and requirements.

1. POLLUTANT AND CAS NUMBER *(if available)*	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE *(optional)*		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVRG. VALUE *(if available)*		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
METALS, CYANIDE, AND TOTAL PHENOLS															
1M. Antimony, Total (7440-36-0)		X		(-)0.10						1					
2M. Arsenic, Total (7440-38-2)		X		(-)0.10						1					
3M. Beryllium, Total, 7440-41-7)		X		(-)0.10						1					
4M. Cadmium, Total (7440-43-9)		X		(-)0.005						1					
5M. Chromium, Total (7440-47-3)		X		(-)0.01						1					
6M. Copper, Total (7550-50-8)		X		(-)0.01						1					
7M. Lead, Total (7439-97-6)		X		(-)0.10						1					
8M. Mercury, Total (7439-97-6)		X		(-)0.0002						1					
9M. Nickel, Total (7440-02-0)		X		(-)0.05						1					
10M. Selenium, Total (7782-49-2)		X		(-)0.005						1					
11M. Silver, Total (7440-22-4)		X		(-)0.01						1					
12M. Thallium, Total (7440-28-0)		X		(-)0.5						1					
13M. Zinc, Total (7440-66-6)		X		(-)0.01						1					
14M. Cyanide, Total (57-12-5)	NA														
15M. Phenols, Total	NA														
DIOXIN															
2,3,7,8-Tetrachlorodibenzo-P-Dioxin (1764-01-6)				DESCRIBE RESULTS											

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – VOLATILE COMPOUNDS															
1V. Acrolein (107-02-8)	NA														
2V. Acrylonitrile (107-13-1)	NA														
3V. Benzene (71-43-2)	NA														
4V. Bis *(Chloromethyl)* Ether (542-88-1)	NA														
5V. Bromoform (75-25-2)	NA														
6V. Carbon Tetrachloride (56-23-5)	NA														
7V. Chlorobenzene (108-90-7)	NA														
8V. Chlorodibromomethane (124-48-1)	NA														
9V. Chloroethane (75-00-3)	NA														
10V. 2-Chloroethylvinyl Ether (110-75-8)	NA														
11V. Chloroform (67-66-3)	NA														
12V. Dichlorobromomethane (75-27-4)	NA														
13V. Dichlorodifluoromethane (75-71-8)	NA														
14V. 1,1-Dichloroethane (75-34-3)	NA														
15V. 1,2-Dichloroethane (107-06-2)	NA														
16V. 1,1-Dichloroethylene (75-35-4)	NA														
17V. 1,2-Dichloropropane (78-87-5)	NA														
18V. 1,3-Dichloropropylene (542-75-6)	NA														
19V. Ethylbenzene (100-41-4)	NA														
20V. Methyl Bromide (74-83-9)	NA														
21V. Methyl Chloride (74-87-3)	NA														

Approval expires 3-31-84

CONTINUED FROM PAGE V-4

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X' a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE (if available) (2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	c. LONG TERM AVRG. VALUE (if available) (2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	4. UNITS b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (2) MASS	5. INTAKE (optional) b. NO. OF ANALYSES
GC/MS FRACTION – VOLATILE COMPOUNDS *(continued)*															
22V. Methylene Chloride (75-09-2)	NA														
23V. 1,1,2,2-Tetrachloroethane (79-34-5)	NA														
24V. Tetrachloroethylene (127-18-4)	NA														
25V. Toluene (108-88-3)	NA														
26V. 1,2-Trans-Dichloroethylene (156-60-5)	NA														
27V. 1,1,1-Trichloroethane (71-55-6)	NA														
28V. 1,1,2-Trichloroethane (79-00-5)	NA														
29V. Trichloroethylene (79-01-6)	NA														
30V. Trichlorofluoromethane (75-69-4)	NA														
31V. Vinyl Chloride (75-01-4)	NA														
GC/MS FRACTION – ACID COMPOUNDS															
1A. 2-Chlorophenol (95-57-8)	NA														
2A. 2,4-Dichlorophenol (120-83-2)	NA														
3A. 2,4-Dimethylphenol (105-67-9)	NA														
4A. 4,6-Dinitro-O-Cresol (534-52-1)	NA														
5A. 2,4-Dinitrophenol (51-28-5)	NA														
6A. 2-Nitrophenol (88-75-5)	NA														
7A. 4-Nitrophenol (100-02-7)	NA														
8A. P-Chloro-M-Cresol (59-50-7)	NA														
9A. Pentachlorophenol (87-86-5)	NA														
10A. Phenol (108-95-2)	NA														
11A. 2,4,6-Trichlorophenol (88-06-2)	NA														

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION — BASE/NEUTRAL COMPOUNDS															
1B. Acenaphthene (83-32-9)	NA														
2B. Acenaphtylene (208-96-8)	NA														
3B. Anthracene (120-12-7)	NA														
4B. Benzidine (92-87-5)	NA														
5B. Benzo *(a)* Anthracene (56-55-3)	NA														
6B. Benzo *(a)* Pyrene (50-32-8)	NA														
7B. 3,4-Benzo-fluoranthene (205-99-2)	NA														
8B. Benzo *(ghi)* Perylene (191-24-2)	NA														
9B. Benzo *(k)* Fluoranthene (207-08-9)	NA														
10B. Bis *(2-Chloro-ethoxy)* Methane (111-91-1)	NA														
11B. Bis *(2-Chloro-ethyl)* Ether (111-44-4)	NA														
12B. Bis *(2-Chloro-isopropyl)* Ether (39638-32-9)	NA														
13B. Bis *(2-Ethyl-hexyl)* Phthalate (117-81-7)	NA														
14B. 4-Bromo-phenyl Phenyl Ether (101-55-3)	NA														
15B. Butyl Benzyl Phthalate (85-68-7)	NA														
16B. 2-Chloro-naphthalene (91-58-7)	NA														
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)	NA														
18B. Chrysene (218-01-9)	NA														
19B. Dibenzo *(a,h)* Anthracene (53-70-3)	NA														
20B. 1,2-Dichloro-benzene (95-50-1)	NA														
21B. 1,3-Dichloro-benzene (541-73-1)	NA														

CONTINUED FROM PAGE V-6

1. POLLUTANT AND CAS NUMBER *(if available)*	2. MARK 'X' a. TESTING REQUIRED	2. MARK 'X' b. BELIEVED PRESENT	2. MARK 'X' c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	3. EFFLUENT a. MAXIMUM DAILY VALUE (2) MASS	3. EFFLUENT b. MAXIMUM 30 DAY VALUE *(if available)* (1) CONCENTRATION	3. EFFLUENT b. MAXIMUM 30 DAY VALUE *(if available)* (2) MASS	3. EFFLUENT c. LONG TERM AVRG. VALUE *(if available)* (1) CONCENTRATION	3. EFFLUENT c. LONG TERM AVRG. VALUE *(if available)* (2) MASS	3. EFFLUENT d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	4. UNITS b. MASS	5. INTAKE *(optional)* a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	5. INTAKE *(optional)* a. LONG TERM AVERAGE VALUE (2) MASS	5. INTAKE *(optional)* b. NO. OF ANALYSES
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS *(continued)*															
22B. 1,4-Dichlorobenzene (106-46-7)	NA														
23B. 3,3'-Dichlorobenzidine (91-94-1)	NA														
24B. Diethyl Phthalate (84-66-2)	NA														
25B. Dimethyl Phthalate (131-11-3)	NA														
26B. Di-N-Butyl Phthalate (84-74-2)	NA														
27B. 2,4-Dinitrotoluene (121-14-2)	NA														
28B. 2,6-Dinitrotoluene (606-20-2)	NA														
29B. Di-N-Octyl Phthalate (117-84-0)	NA														
30B. 1,2-Diphenylhydrazine *(as Azobenzene)* (122-66-7)	NA														
31B. Fluoranthene (206-44-0)	NA														
32B. Fluorene (86-73-7)	NA														
33B. Hexachlorobenzene (118-71-1)	NA														
34B. Hexachlorobutadiene (87-68-3)	NA														
35B. Hexachlorocyclopentadiene (77-47-4)	NA														
36B. Hexachloroethane (67-72-1)	NA														
37B. Indeno *(1,2,3-cd)* Pyrene (193-39-5)	NA														
38B. Isophorone (78-59-1)	NA														
39B. Naphthalene (91-20-3)	NA														
40B. Nitrobenzene (98-95-3)	NA														
41B. N-Nitrosodimethylamine (62-75-9)	NA														
42B. N-Nitrosodi-N-Propylamine (621-64-7)	NA														

CONTINUE ON REVERSE

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE (1) CONCENTRATION	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE (if available) (2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	c. LONG TERM AVRG. VALUE (if available) (2) MASS	d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	a. LONG TERM AVERAGE VALUE (2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS *(continued)*															
43B. N-Nitrosodiphenylamine (86-30-6)	NA														
44B. Phenanthrene (85-01-8)	NA														
45B. Pyrene (129-00-0)	NA														
46B. 1,2,4 - Trichlorobenzene (120-82-1)	NA														
GC/MS FRACTION – PESTICIDES															
1P. Aldrin (309-00-2)	NA														
2P. α-BHC (319-84-6)	NA														
3P. β-BHC (319-85-7)	NA														
4P. γ-BHC (58-89-9)	NA														
5P. δ-BHC (319-86-8)	NA														
6P. Chlordane (57-74-9)	NA														
7P. 4,4'-DDT (50-29-3)	NA														
8P. 4,4'-DDE (72-55-9)	NA														
9P. 4,4'-DDD (72-54-8)	NA														
10P. Dieldrin (60-57-1)	NA														
11P. α-Endosulfan (115-29-7)	NA														
12P. β-Endosulfan (115-29-7)	NA														
13P. Endosulfan Sulfate (1031-07-8)	NA														
14P. Endrin (72-20-8)	NA														
15P. Endrin Aldehyde (7421-93-4)	NA														
16P. Heptachlor (76-44-8)	NA														

CONTINUED FROM PAGE V-8

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X' a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION – PESTICIDES *(continued)*															
17P. Heptachlor Epoxide (1024-57-3)	NA														
18P. PCB-1242 (53469-21-9)	NA														
19P. PCB-1254 (11097-69-1)	NA														
20P. PCB-1221 (11104-28-2)	NA														
21P. PCB-1232 (11141-16-5)	NA														
22P. PCB-1248 (12672-29-6)	NA														
23P. PCB-1260 (11096-82-5)	NA														
24P. PCB-1016 (12674-11-2)	NA														
25P. Toxaphene (8001-35-2)	NA														

☆ U. S. GOVERNMENT PRINTING OFFICE:1983--661-935/124

PLEASE PRINT OR TYPE IN THE UNSHADED AREAS ONLY. You may report some or all of this information on separate sheets *(use the same format)* instead of completing these pages. SEE INSTRUCTIONS.

EPA I.D. NUMBER *(copy from Item 1 of Form 1)*

Form Approved
OMB No. 2000-0059
Approval expires 3-31-84

OUTFALL NO. 0002

V. INTAKE AND EFFLUENT CHARACTERISTICS *(continued from page 3 of Form 2-C)*

PART A - You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.

1. POLLUTANT	2. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	2. EFFLUENT a. MAXIMUM DAILY VALUE (2) MASS	2. EFFLUENT b. MAXIMUM 30 DAY VALUE *(if available)* (1) CONCENTRATION	2. EFFLUENT b. MAXIMUM 30 DAY VALUE *(if available)* (2) MASS	2. EFFLUENT c. LONG TERM AVRG. VALUE *(if available)* (1) CONCENTRATION	2. EFFLUENT c. LONG TERM AVRG. VALUE *(if available)* (2) MASS	2. EFFLUENT d. NO. OF ANALYSES	3. UNITS *(specify if blank)* a. CONCENTRATION	3. UNITS *(specify if blank)* b. MASS	4. INTAKE *(optional)* a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	4. INTAKE *(optional)* a. LONG TERM AVERAGE VALUE (2) MASS	4. INTAKE *(optional)* b. NO. OF ANALYSES
a. Biochemical Oxygen Demand *(BOD)*	N/A											
b. Chemical Oxygen Demand *(COD)*	N/A											
c. Total Organic Carbon *(TOC)*	N/A											
d. Total Suspended Solids *(TSS)*	N/A											
e. Ammonia *(as N)*	N/A											
f. Flow	VALUE		VALUE		VALUE					VALUE		
g. Temperature *(winter)*	VALUE		VALUE		VALUE			°C		VALUE		
h. Temperature *(summer)*	VALUE		VALUE		VALUE			°C		VALUE		
i. pH	MINIMUM N/A	MAXIMUM N/A	MINIMUM	MAXIMUM				STANDARD UNITS				

PART B - Mark "X" in column 2-a for each pollutant you know or have reason to believe is present. Mark "X" in column 2-b for each pollutant you believe to be absent. If you mark column 2-a for any pollutant, you must provide the results of at least one analysis for that pollutant. Complete one table for each outfall. See the instructions for additional details and requirements.

1. POLLUTANT AND CAS NO. *(if available)*	2. MARK 'X' a. BELIEVED PRESENT	2. MARK 'X' b. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	3. EFFLUENT a. MAXIMUM DAILY VALUE (2) MASS	3. EFFLUENT b. MAXIMUM 30 DAY VALUE *(if available)* (1) CONCENTRATION	3. EFFLUENT b. MAXIMUM 30 DAY VALUE *(if available)* (2) MASS	3. EFFLUENT c. LONG TERM AVRG. VALUE *(if available)* (1) CONCENTRATION	3. EFFLUENT c. LONG TERM AVRG. VALUE *(if available)* (2) MASS	3. EFFLUENT d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	4. UNITS b. MASS	5. INTAKE *(optional)* a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	5. INTAKE *(optional)* a. LONG TERM AVERAGE VALUE (2) MASS	5. INTAKE *(optional)* b. NO. ANALYSES
a. Bromide (24959-67-9)	NA													
b. Chlorine, Total Residual	NA													
c. Color	NA													
d. Fecal Coliform	NA													
e. Fluoride (16984-48-8)	NA													
f. Nitrate–Nitrite *(as N)*	NA													

ITEM V-B CONTINUED FROM FRONT

1. POLLUTANT AND CAS NO. (if available)	2. MARK 'X' a. BELIEVED PRESENT	2. MARK 'X' b. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE (if available) (2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	c. LONG TERM AVRG. VALUE (if available) (2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	4. UNITS b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (2) MASS	5. INTAKE (optional) b. NO. OF ANALYSES
g. Nitrogen, Total Organic (as N)	NA													
h. Oil and Grease	X	X	33.1						1					
i. Phosphorus (as P), Total (7723-14-0)	NA													
j. Radioactivity														
(1) Alpha, Total	NA													
(2) Beta, Total	NA													
(3) Radium, Total	NA													
(4) Radium 226, Total	NA													
k. Sulfate (as SO_4) (14808-79-8)	NA													
l. Sulfide (as S)	NA													
m. Sulfite (as SO_3) (14265-45-3)	NA													
n. Surfactants	NA													
o. Aluminum, Total (7429-90-5)	NA													
p. Barium, Total (7440-39-3)	X		(-)0.10						1					
q. Boron, Total (7440-42-8)	X		0.58						1					
r. Cobalt, Total (7440-48-4)	X		(-)0.05						1					
s. Iron, Total (7439-89-6)	NA													
t. Magnesium, Total (7439-95-4)	NA													
u. Molybdenum, Total (7439-98-7)	X		(-)0.10						1					
v. Manganese, Total (7439-96-5)	NA													
w. Tin, Total (7440-31-5)	NA													
x. Titanium, Total (7440-32-6)	NA													

CONTINUE ON PAGE V-3

PART C - If you are a primary industry and this outfall contains process wastewater, refer to Table 2c-2 in the instructions to determine which of the GC/MS fractions you must test for. Mark "X" in column 2-a for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark column 2-a *(secondary industries, non-process wastewater outfalls, and non-required GC/MS fractions)*, mark "X" in column 2-b for each pollutant you know or have reason to believe is present. Mark "X" in column 2-c for each pollutant you believe to be absent. If you mark either columns 2-a or 2-b for any pollutant, you must provide the results of at least one analysis for that pollutant. Note that there are seven pages to this part; please review each carefully. Complete one table *(all seven pages)* for each outfall. See instructions for additional details and requirements.

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE (1) CONCENTRATION	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE (if available) (2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	c. LONG TERM AVRG. VALUE (if available) (2) MASS	d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	a. LONG TERM AVERAGE VALUE (2) MASS	b. NO. OF ANALYSES
METALS, CYANIDE, AND TOTAL PHENOLS															
1M. Antimony, Total (7440-36-0)		X		(-) 0.10						1					
2M. Arsenic, Total (7440-38-2)		X		(-) 0.01						1					
3M. Beryllium, Total, 7440-41-7)		X		(-) 0.01						1					
4M. Cadmium, Total (7440-43-9)		X		(-) 0.005						1					
5M. Chromium, Total (7440-47-3)		X		(-) 0.01						1					
6M. Copper, Total (7550-50-8)		X		(-) 0.01						1					
7M. Lead, Total (7439-97-6)		X		(-) 0.10						1					
8M. Mercury, Total (7439-97-6)		X		(-) 0.0002						1					
9M. Nickel, Total (7440-02-0)		X		(-) 0.05						1					
10M. Selenium, Total (7782-49-2)		X		(-) 0.005						1					
11M. Silver, Total (7440-22-4)		X		(-) 0.01						1					
12M. Thallium, Total (7440-28-0)		X		(-) 0.5						1					
13M. Zinc, Total (7440-66-6)		X		(-) 0.01						1					
14M. Cyanide, Total (57-12-5)	NA														
15M. Phenols, Total		X		(-) 0.05						1					
DIOXIN															
2,3,7,8-Tetrachlorodibenzo-P-Dioxin (1764-01-6)				DESCRIBE RESULTS											

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – VOLATILE COMPOUNDS															
1V. Acrolein (107-02-8)	NA														
2V. Acrylonitrile (107-13-1)	NA														
3V. Benzene (71-43-2)	NA														
4V. Bis *(Chloromethyl)* Ether (542-88-1)	NA														
5V. Bromoform (75-25-2)	NA														
6V. Carbon Tetrachloride (56-23-5)	NA														
7V. Chlorobenzene (108-90-7)	NA														
8V. Chlorodibromomethane (124-48-1)	NA														
9V. Chloroethane (75-00-3)	NA														
10V. 2-Chloroethylvinyl Ether (110-75-8)	NA														
11V. Chloroform (67-66-3)	NA														
12V. Dichlorobromomethane (75-27-4)	NA														
13V. Dichlorodifluoromethane (75-71-8)	NA														
14V. 1,1-Dichloroethane (75-34-3)	NA														
15V. 1,2-Dichloroethane (107-06-2)	NA														
16V. 1,1-Dichloroethylene (75-35-4)	NA														
17V. 1,2-Dichloropropane (78-87-5)	NA														
18V. 1,3-Dichloropropylene (542-75-6)	NA														
19V. Ethylbenzene (100-41-4)	NA														
20V. Methyl Bromide (74-83-9)	NA														
21V. Methyl Chloride (74-87-3)	NA														

CONTINUED FROM PAGE V-4

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X' a. TESTING REQUIRED	2. MARK 'X' b. BELIEVED PRESENT	2. MARK 'X' c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	3. EFFLUENT a. MAXIMUM DAILY VALUE (2) MASS	3. EFFLUENT b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	3. EFFLUENT b. MAXIMUM 30 DAY VALUE (if available) (2) MASS	3. EFFLUENT c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	3. EFFLUENT c. LONG TERM AVRG. VALUE (if available) (2) MASS	3. EFFLUENT d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	4. UNITS b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (2) MASS	5. INTAKE (optional) b. NO. OF ANALYSES
GC/MS FRACTION – VOLATILE COMPOUNDS *(continued)*															
22V. Methylene Chloride (75-09-2)	NA														
23V. 1,1,2,2-Tetrachloroethane (79-34-5)	NA														
24V. Tetrachloroethylene (127-18-4)	NA														
25V. Toluene (108-88-3)	NA														
26V. 1,2-Trans-Dichloroethylene (156-60-5)	NA														
27V. 1,1,1-Trichloroethane (71-55-6)	NA														
28V. 1,1,2-Trichloroethane (79-00-5)	NA														
29V. Trichloroethylene (79-01-6)	NA														
30V. Trichlorofluoromethane (75-69-4)	NA														
31V. Vinyl Chloride (75-01-4)	NA														
GC/MS FRACTION – ACID COMPOUNDS															
1A. 2-Chlorophenol (95-57-8)	NA														
2A. 2,4-Dichlorophenol (120-83-2)	NA														
3A. 2,4-Dimethylphenol (105-67-9)	NA														
4A. 4,6-Dinitro-O-Cresol (534-52-1)	NA														
5A. 2,4-Dinitrophenol (51-28-5)	NA														
6A. 2-Nitrophenol (88-75-5)	NA														
7A. 4-Nitrophenol (100-02-7)	NA														
8A. P-Chloro-M-Cresol (59-50-7)	NA														
9A. Pentachlorophenol (87-86-5)	NA														
10A. Phenol (108-95-2)	NA														
11A. 2,4,6-Trichlorophenol (88-06-2)	NA														

CONTINUE ON REVERSE

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS															
1B. Acenaphthene (83-32-9)	NA														
2B. Acenaphtylene (208-96-8)	NA														
3B. Anthracene (120-12-7)	NA														
4B. Benzidine (92-87-5)	NA														
5B. Benzo *(a)* Anthracene (56-55-3)	NA														
6B. Benzo *(a)* Pyrene (50-32-8)	NA														
7B. 3,4-Benzo-fluoranthene (205-99-2)	NA														
8B. Benzo *(ghi)* Perylene (191-24-2)	NA														
9B. Benzo *(k)* Fluoranthene (207-08-9)	NA														
10B. Bis *(2-Chloro-ethoxy)* Methane (111-91-1)	NA														
11B. Bis *(2-Chloro-ethyl)* Ether (111-44-4)	NA														
12B. Bis *(2-Chloro-isopropyl)* Ether (39638-32-9)	NA														
13B. Bis *(2-Ethyl-hexyl)* Phthalate (117-81-7)	NA														
14B. 4-Bromo-phenyl Phenyl Ether (101-55-3)	NA														
15B. Butyl Benzyl Phthalate (85-68-7)	NA														
16B. 2-Chloro-naphthalene (91-58-7)	NA														
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)	NA														
18B. Chrysene (218-01-9)	NA														
19B. Dibenzo *(a,h)* Anthracene (53-70-3)	NA														
20B. 1,2-Dichloro-benzene (95-50-1)	NA														
21B. 1,3-Dichloro-benzene (541-73-1)	NA														

CONTINUED FROM PAGE V-6

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X' a. TESTING REQUIRED	2. MARK 'X' b. BELIEVED PRESENT	2. MARK 'X' c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	3. EFFLUENT a. MAXIMUM DAILY VALUE (2) MASS	3. EFFLUENT b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	3. EFFLUENT b. MAXIMUM 30 DAY VALUE (if available) (2) MASS	3. EFFLUENT c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	3. EFFLUENT c. LONG TERM AVRG. VALUE (if available) (2) MASS	3. EFFLUENT d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	4. UNITS b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (2) MASS	5. INTAKE (optional) b. NO. OF ANALYSES
GC/MS FRACTION — BASE/NEUTRAL COMPOUNDS *(continued)*															
22B. 1,4-Dichlorobenzene (106-46-7)	NA														
23B. 3,3'-Dichlorobenzidine (91-94-1)	NA														
24B. Diethyl Phthalate (84-66-2)	NA														
25B. Dimethyl Phthalate (131-11-3)	NA														
26B. Di-N-Butyl Phthalate (84-74-2)	NA														
27B. 2,4-Dinitrotoluene (121-14-2)	NA														
28B. 2,6-Dinitrotoluene (606-20-2)	NA														
29B. Di-N-Octyl Phthalate (117-84-0)	NA														
30B. 1,2-Diphenylhydrazine *(as Azobenzene)* (122-66-7)	NA														
31B. Fluoranthene (206-44-0)	NA														
32B. Fluorene (86-73-7)	NA														
33B. Hexachlorobenzene (118-71-1)	NA														
34B. Hexachlorobutadiene (87-68-3)	NA														
35B. Hexachlorocyclopentadiene (77-47-4)	NA														
36B. Hexachloroethane (67-72-1)	NA														
37B. Indeno *(1,2,3-cd)* Pyrene (193-39-5)	NA														
38B. Isophorone (78-59-1)	NA														
39B. Naphthalene (91-20-3)	NA														
40B. Nitrobenzene (98-95-3)	NA														
41B. N-Nitrosodimethylamine (62-75-9)	NA														
42B. N-Nitrosodi-N-Propylamine (621-64-7)	NA														

CONTINUE ON REVERSE

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE (1) CONCENTRATION	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE (if available) (2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	c. LONG TERM AVRG. VALUE (if available) (2) MASS	d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	a. LONG TERM AVERAGE VALUE (2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS *(continued)*															
43B. N-Nitrosodiphenylamine (86-30-6)	NA														
44B. Phenanthrene (85-01-8)	NA														
45B. Pyrene (129-00-0)	NA														
46B. 1,2,4 - Trichlorobenzene (120-82-1)	NA														
GC/MS FRACTION – PESTICIDES															
1P. Aldrin (309-00-2)	NA														
2P. α-BHC (319-84-6)	NA														
3P. β-BHC (319-85-7)	NA														
4P. γ-BHC (58-89-9)	NA														
5P. δ-BHC (319-86-8)	NA														
6P. Chlordane (57-74-9)	NA														
7P. 4,4'-DDT (50-29-3)	NA														
8P. 4,4'-DDE (72-55-9)	NA														
9P. 4,4'-DDD (72-54-8)	NA														
10P. Dieldrin (60-57-1)	NA														
11P. α-Endosulfan (115-29-7)	NA														
12P. β-Endosulfan (115-29-7)	NA														
13P. Endosulfan Sulfate (1031-07-8)	NA														
14P. Endrin (72-20-8)	NA														
15P. Endrin Aldehyde (7421-93-4)	NA														
16P. Heptachlor (76-44-8)	NA														

CONTINUED FROM PAGE V-8

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT						d. NO. OF ANALYSES	4. UNITS		5. INTAKE (optional)		b. NO. OF ANALYSES
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)			a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION — PESTICIDES *(continued)*															
17P. Heptachlor Epoxide (1024-57-3)	NA														
18P. PCB-1242 (53469-21-9)	NA														
19P. PCB-1254 (11097-69-1)	NA														
20P. PCB-1221 (11104-28-2)	NA														
21P. PCB-1232 (11141-16-5)	NA														
22P. PCB-1248 (12672-29-6)	NA														
23P. PCB-1260 (11096-82-5)	NA														
24P. PCB-1016 (12674-11-2)	NA														
25P. Toxaphene (8001-35-2)	NA														

ENVIRONMENTAL IMPACT

OF

Water Disposed to the Poso Creek

Watershed

SCHAEFER OIL COMPANY

Schaefer Oil Company at present is disposing to Little Creek and an unnamed creek which are feeders to Poso Creek. Only during a few weeks of the year does this water actually reach Poso Creek, the remainder evaporates, or percolates and may be presumed to eventually reach unconfined groundwater.

The quality of this water is eminently suitable for agriculture. Its boron and chloride content and conductivity are only slightly greater than water delivered to the County through the Cross-Valley Aquaduct. The conductivity of Schaefer Oil Company's discharged water is approximately three-quarters that being pumped in large amounts from nearby Kern Front Oil Field to the Cuello Water District for agricultural use.

It has been determined by the Department of Fish and Game that water with this oil and grease content has no discernable impact on animal life and is used extensively by animal life throughout the Westside in much higher concentrations of salts.

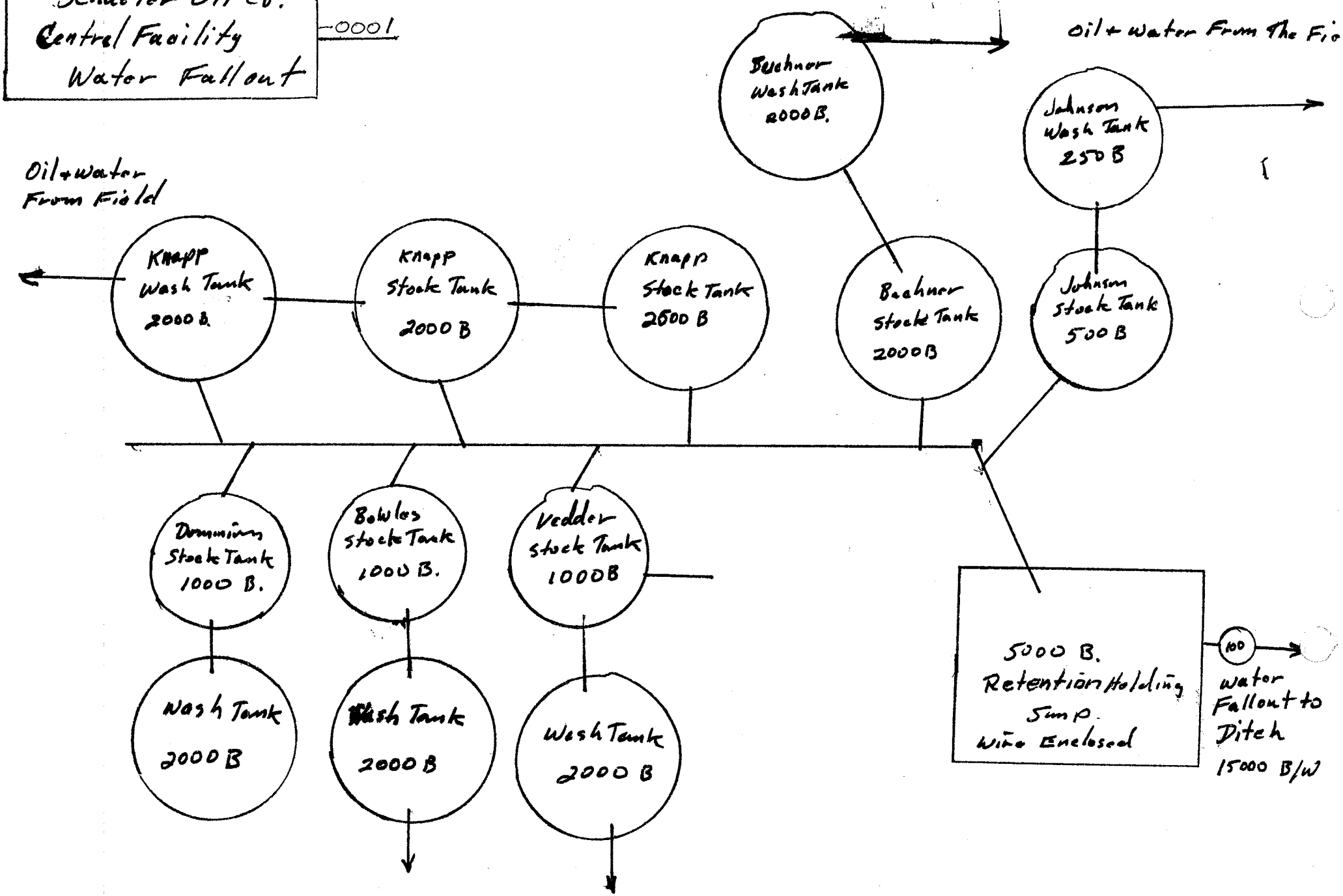
I sincerely believe that no extensive development of the Environmental Impact Report is required to support the continued disposal of this water in the manner now used.

Peggy Schaefer

ATTACHMENT 3-A

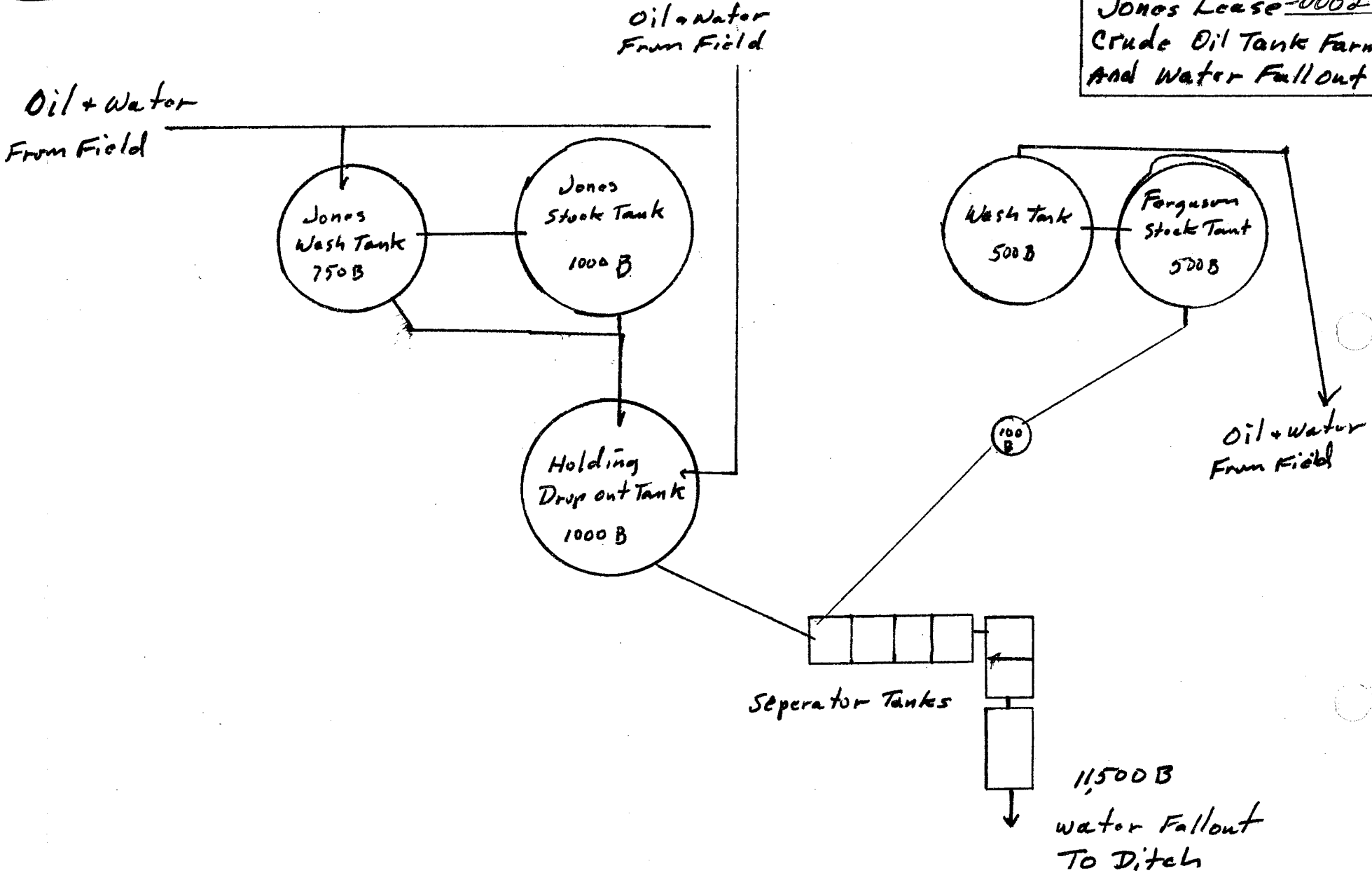
Schaefer Oil Co.
Central Facility
Water Fallout

-0001



ATTachment: 3.-B

SCHAEFER OIL CO.
Jones Lease-0002
Crude Oil Tank Farm
And Water Fallout



AGRICULTURE
CHEMICAL ANALYSIS
PETROLEUM

BC LABORATORIES, INC.

J. J. EGLIN, REG. CHEM. ENGR.

4100 PIERCE RD., BAKERSFIELD, CALIFORNIA 93308 PHONE 327-4911

CHAIN OF CUSTODY RECORD

Sample Type: (check one)

_____ Drinking Water _____ Surface Water X Wastewater _____ Oil

_____ Soil _____ Sludge _____ Other (specify) _____

Collector's Name David Rittenhouse Telephone (805) 327-4911

Company' Name B.C. Laboratories

Company's Address 4100 Pierce Rd. Bakersfield, Ca. 93308

Date Collected: 2-5-87 Time collected: 2:45 pm

Sample Description(s) Schaefer Oil Company, Mount Poso Oil Field, Kern county:

samples Taken @ 1. Jones Lease
2. Central Tank Facility

Laboratory # 2016 & 2017

Sample(s) Relinquished to lab by: David Rittenhouse 2-5-87 4:00pm
Date Time

Sample(s) Received in lab by: Cheryl Robberstad 2-5-87 4:00 Pm
Date Time

1. Sample Relinquished by: _____
Name Date Time

2. Sample Received by: _____
Name Date Time

3. Sample Relinquished by: _____
Name Date Time

4. Sample Received by: _____
Name Date Time

5. Sample Relinquished by: _____
Name Date Time

6. Sample Received by: _____
Name Date Time

AGRICULTURE
CHEMICAL ANALYSIS
PETROLEUM

BC LABORATORIES, INC.

J. J. EGLIN, REG. CHEM. ENGR.
4100 PIERCE RD., BAKERSFIELD, CALIFORNIA 93308 PHONE 327-4911

MAR 1987
RECEIVED

Schaefer Oil Company
23872 Malibu Road
Malibu, California 90265

Date Reported: 3/2/87
Date Received: 2/6/87
Laboratory No.: 2016

Attention: Mr. Jim Schaefer

WATER ANALYSIS

0001 → Sample Description: Central Tank Facility sampled 2/5/87 by David Rittenhouse of B C Laboratories, Inc.

Constituents	mg/liter
Chloride	95.
Arsenic	(-) 0.01
Copper	(-) 0.01
Zinc	(-) 0.01
Barium	(-) 0.10
Cadmium	(-) 0.005
Chromium	(-) 0.01
Lead	(-) 0.10
Mercury	(-) 0.0002
Selenium	(-) 0.005
Silver	(-) 0.01
Antimony	(-) 0.10
Beryllium	(-) 0.01
Cobalt	(-) 0.05
Molybdenum	(-) 0.10
Nickel	(-) 0.05
Thallium	(-) 0.5
Boron	0.62
Vanadium	(-) 0.5
Oil & Grease (EPA Test Method 413.1)	26.4 mg/kg
Fish Toxicity, LC_{50}	greater than 750. mg/l
Total Phenols	(-) 0.05 mg/l
Electrical Conductivity, Micromhos/cm @ 25°C	820.

Unable to analyze for Titanium and Uranium.

(-) refers to "less than".

B C LABORATORIES, INC.

BY J. J. Eglin
J. J. Eglin

BtC Laboratories Incorporated

2978 SEABORG AVENUE, VENTURA, CA 93003 • 805/656-6074

B C Lab. #2016

SAMPLE AND BIOASSAY INFORMATION

Static ✓ Cont. Flow _____

Screening ✓ Definitive _____

Dilution Water Diluted tab

Hardness 45.36 mg/l

Alkalinity 33.25 mg/l

Tank Volume 10 liters

Species Pimephales Promelas Lab No. 875175

Common Name Flathead Minnow Sample No. #1 (Control Tank)

x̄ Length 36 mm x̄ Weight .76 g

Number per Tank 10

Supplier Thomas Fish Co

Acclimation Temp. 20 °C

Collectors No. _____

Del'd By Greyhound

Date R'cd 2/16

Project BC Lab

	INITIAL			24 Hr				48 Hr				72 Hr				96 Hr				
DATE:	2/16			2/17				2/18				2/19				2/20				
TIME:	10:00AM			10:00				10:30				10:00				10:00				
	DO	°C	pH	DO	°C	pH	#M	DO	°C	pH	#M	DO	°C	pH	#M	DO	°C	pH	#M	NO. DEAD
CONTROL	8.8	21	7.41	9.0	21	7.18	0	8.8	21	7.23	0	8.2	20	7.29	0	8.0	19	7.30	0	0
250 mg/L	8.6	21	7.44	8.4	21	7.25	0	8.4	21	7.31	0	8.0	20	7.31	0	8.3	19	7.41	0	0
750 mg/l	8.6	21	7.46	8.3	21	7.20	0	8.6	21	7.35	0	8.0	20	7.34	0	8.3	19	7.36	0	0

Remarks: fish were placed in aquaria 20 min after sample was introduced. Small bubble aeration was supplied during entire test

LC50 >750 mg/L

95% Confidence Limits N/A

LC50 Method: Non-linear Interpolation N/A Probit N/A Moving Average N/A

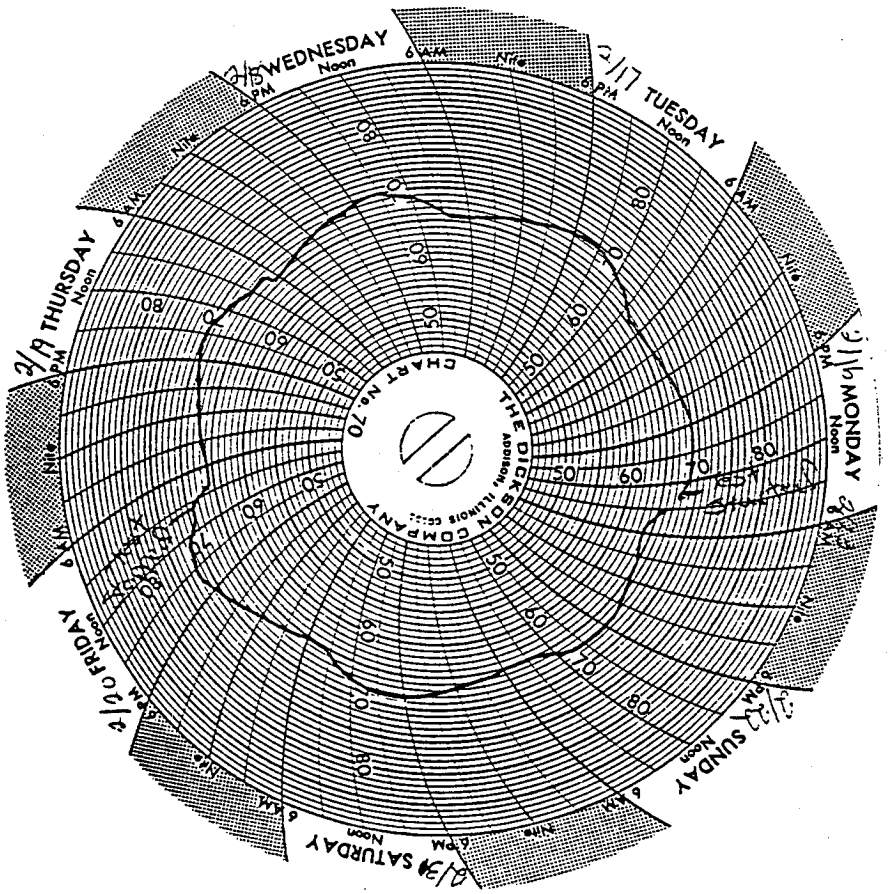
Analyst: [illegible]

Date: 2-23-87

BtC
Laboratories
Incorporated

2978 SEABORG AVENUE, VENTURA, CA 93003 • 805/656-6074

B C Lab. #2016



AGRICULTURE
CHEMICAL ANALYSIS
PETROLEUM

BC LABORATORIES INC.

J. J. EGLIN, REG. CHEM. ENGR.

MAIN OFFICE: 4100 PIERCE ROAD, BAKERSFIELD, CA. 93308 PHONE 327-4911

PURGEABLE ORGANIC ANALYSIS
(WATER)

Schaefer Oil Co.
23872 Malibu Rd.
Malibu, Ca. 90265

Attn: Jim Schaefer

Date of
REPORT: 2-11-87
LAB No.: 2016

SAMPLE DESCRIPTION:
Central Tank Facility

DATE SAMPLE COLLECTED:	DATE SAMPLE RECEIVED @ LAB:	DATE ANALYSIS COMPLETED:
2-5-87	2-6-87	2-11-87

TEST METHODS: EPA 602 AS RECEIVED BASIS

CONSTITUENT	REPORTING UNITS	STORET CODE	ANALYSES RESULTS	MINIMUM REPORTING LEVEL
Benzene	µg/l	34040	none detected	0.5
Chlorobenzene	µg/l	34301	none detected	0.5
1,2-Dichlorobenzene	µg/l	34536	none detected	0.5
1,3-Dichlorobenzene	µg/l	34566	none detected	0.5
1,4-Dichlorobenzene	µg/l	34571	none detected	0.5
Ethyl benzene	µg/l	34371	none detected	0.5
Toluene	µg/l	34010	none detected	0.5
o-Xylene	µg/l	81551	none detected	0.5
m-Xylene	µg/l	81551	none detected	0.5
p-Xylene	µg/l	81551	none detected	0.5

COMMENTS:
Travel blank was not tested.

By J. J. Eglin
J. J. Eglin

Terry Rowles
Analyst

AGRICULTURE
CHEMICAL ANALYSIS
PETROLEUM

BC LABORATORIES, INC.

J. J. EGLIN, REG. CHEM. ENGR.
4100 PIERCE RD., BAKERSFIELD, CALIFORNIA 93308 PHONE 327-4911

Schaefer Oil Company
23872 Malibu Road
Malibu, California 90265

Date Reported: 3/2/87
Date Received: 2/6/87
Laboratory No.: 2017

Attention: Mr. Jim Schaefer

WATER ANALYSIS

0002→Sample Description: Jones Lease sampled 2/5/87 by David Rittenhouse

Constituents	mg/liter
Chloride	113.
Arsenic	(-) 0.01
Copper	(-) 0.01
Zinc	(-) 0.01
Barium	(-) 0.10
Cadmium	(-) 0.005
Chromium	(-) 0.01
Lead	(-) 0.10
Mercury	(-) 0.0002
Selenium	(-) 0.005
Silver	(-) 0.01
Antimony	(-) 0.10
Beryllium	(-) 0.01
Cobalt	(-) 0.05
Molybdenum	(-) 0.10
Nickel	(-) 0.05
Thallium	(-) 0.5
Boron	0.58
Vanadium	(-) 0.5
Oil & Grease	33.1 mg/kg
Fish Toxicity, LC_{50}	greater than 750 mg/l
Total Phenols	(-) 0.05 mg/l
Electrical Conductivity, Micromhos/cm @ 25°C	1030.

(-) refers to "less than".

Unable to analyze for Titanium and Uranium.

B C LABORATORIES, INC.

BY J. J. Eglin
J. J. Eglin

BtC Laboratories Incorporated
2978 SEABORG AVENUE, VENTURA, CA 93003 • 805/656-6074

SAMPLE AND BIOASSAY INFORMATION

B C Lab. #2017

Static ✓ Cont. Flow ____ Species Pimephales Promelas Lab No. 875175

Screening ✓ Definitive ____ Common Name Flathead minnow Sample No. #2 (Gores Lease)

Dilution Water Diluted tap x̄ Length 35.1 mm x̄ Weight 79 g Collectors No. ____

Hardness 45.36 mg/l Number per Tank 10 Del'd By Greyhound

Alkalinity 33.25 mg/l Supplier Thomas Fish Ball Date R'cd 2/16

Tank Volume 10 liters Acclimation Temp. 20 °C Project BC Labs

	INITIAL			24 Hr				48 Hr				72 Hr				96 Hr				
DATE:	2/16			2/17				2/18				2/19				2/20				
TIME:	10:00			10:00				10:00				10:30				10:00				
	DO	°C	pH	DO	°C	pH	#M	DO	°C	pH	#M	DO	°C	pH	#M	DO	°C	pH	#M	NO. DEAD
CONTROL	8.8	21	7.41	9.0	21	7.18	0	8.8	21	7.23	0	8.2	20	7.29	0	8.0	19	7.30	0	0
250 mg/L	8.6	21	7.44	8.6	21	7.27	0	8.8	21	7.39	0	8.2	20	7.42	0	8.4	19	7.43	0	0
750 mg/L	9.0	21	7.48	8.4	21	7.26	0	8.8	21	7.34	0	8.0	20	7.42	0	8.2	19	7.40	0	0

Remarks: fish were placed in aquaria 25 min after sample was introduced single bubble aeration was supplied during entire test.

LC50 >750 mg/L 95% Confidence Limits N/A

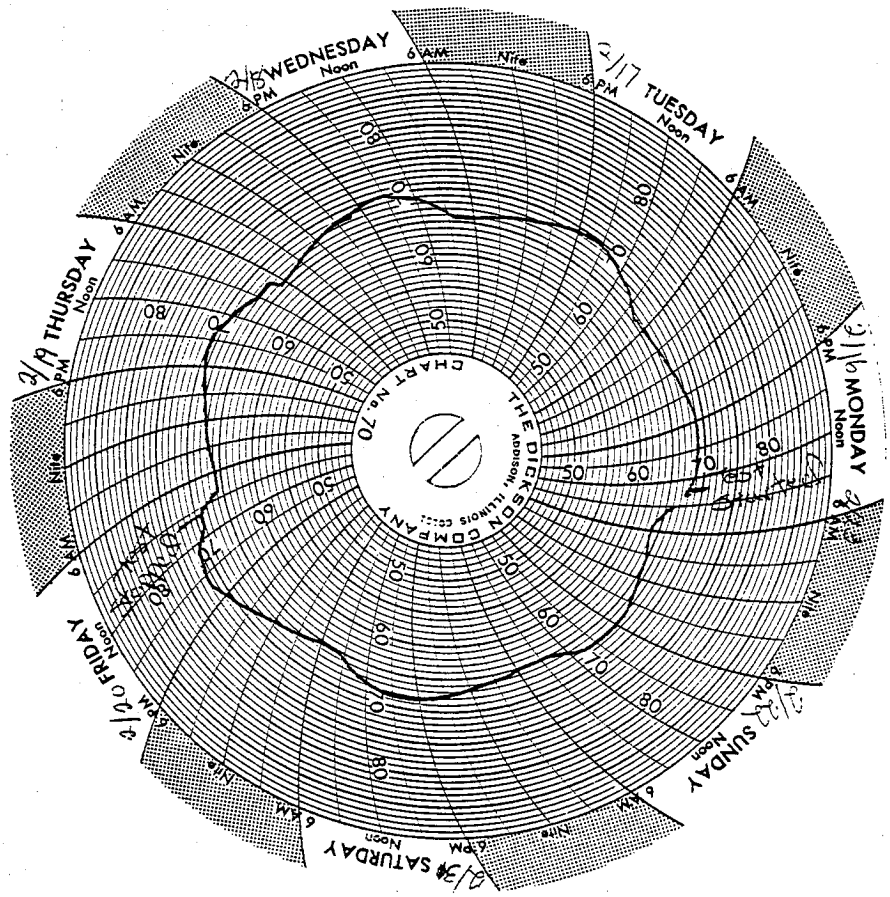
LC50 Method: Non-linear Interpolation N/A Probit N/A Moving Average N/A

Analyst: Christal Graves Date: 2-23-87

BtC Laboratories Incorporated

2978 SEABORG AVENUE, VENTURA, CA 93003 • 805/656-6074

B C Lab. #2017



AGRICULTURE
CHEMICAL ANALYSIS
PETROLEUM

BC LABORATORIES INC.

J. J. EGLIN, REG. CHEM. ENGR.

MAIN OFFICE: 4100 PIERCE ROAD, BAKERSFIELD, CA. 93308 PHONE 327-4911

PURGEABLE ORGANIC ANALYSIS
(WATER)

Schaefer Oil Co.
23872 Malibu Rd.
Malibu, Ca. 90265

Date of
REPORT: 2-11-87
LAB No.: 2017

SAMPLE DESCRIPTION:
Jones Lease

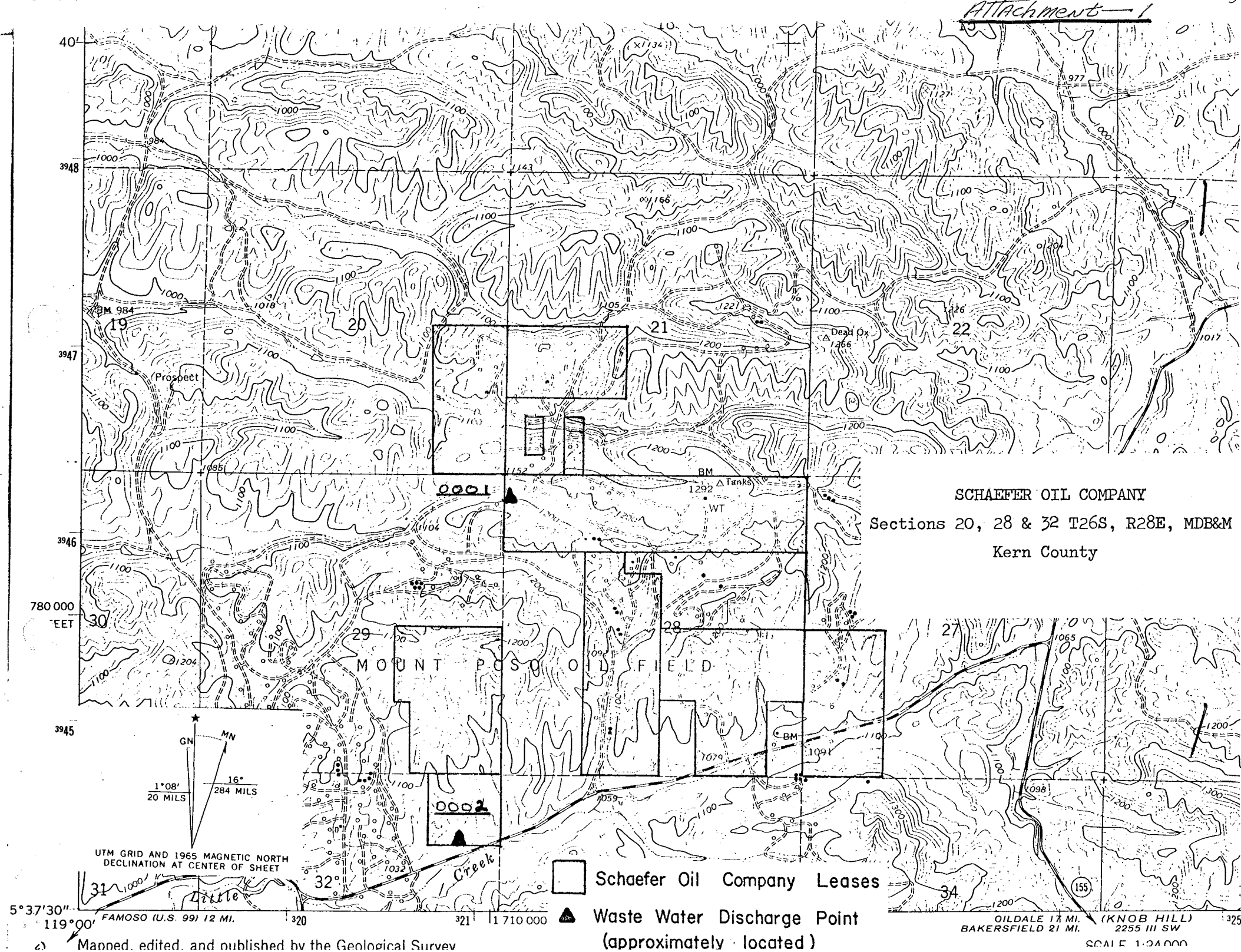
DATE SAMPLE COLLECTED:	DATE SAMPLE RECEIVED @ LAB:	DATE ANALYSIS COMPLETED:
2-5-87	2-6-87	2-11-87

TEST METHODS: EPA 602 AS RECEIVED BASIS

CONSTITUENT	REPORTING UNITS	STORET CODE	ANALYSES RESULTS	MINIMUM REPORTING LEVEL
Benzene	µg/l	34040	none detected	0.5
Chlorobenzene	µg/l	34301	none detected	0.5
1,2-Dichlorobenzene	µg/l	34536	none detected	0.5
1,3-Dichlorobenzene	µg/l	34566	none detected	0.5
1,4-Dichlorobenzene	µg/l	34571	none detected	0.5
Ethyl benzene	µg/l	34371	none detected	0.5
Toluene	µg/l	34010	none detected	0.5
o-Xylene	µg/l	81551	none detected	0.5
m-Xylene	µg/l	81551	none detected	0.5
p-Xylene	µg/l	81551	none detected	0.5

COMMENTS:
Travel blank was not tested.

By J. J. Eglin
J. J. Eglin

Terry Rourke
Analyst

Attachment 1