



**INSTRUCTIONS FOR DISCHARGER**

1. Remove COPY 4 (dark yellow) and use for your worksheet.
2. Use ballpoint pen or typewriter for data entry on forms.
3. Provide dates for beginning and ending in reporting period blocks.
4. Provide data as specified under column headings.
5. Enter monthly summary data (MONTHLY AVERAGE, MONTHLY HIGH, etc.).
6. Appropriate signature is required at the bottom of the form.
7. Remove COPY 3 and retain for your records.
8. Send COPY 2 to EPA, Region 9, San Francisco and COPY 1 to:

**CALIFORNIA STATE WATER RESOURCES CONTROL BOARD  
DISCHARGER SELF MONITORING REPORT**

CALIFORNIA REGIONAL WATER QUALITY  
CONTROL BOARD  
CENTRAL VALLEY REGION  
3241 S STREET  
SACRAMENTO, CA 95816

FACILITY NAME: SACRAMENTO M.U.D.  
RANCHO SECO  
MAILING ADDRESS: BOX 15830  
SACRAMENTO M.U.D. CALIF  
95813

YOUR REPORTING PERIOD IS MONTHLY AND YOUR REPORTS MUST  
BE SUBMITTED BY 15 DAYS FOLLOWING THIS PERIOD.

Transaction Code: Q2 Facility I.D.: EA342008001 Year / Month for this report: 86/09 Reporting Period: Beginning 86/09/01 Ending 86/09/30 State Code: 06 NPDES Permit Number: 0004758 Date form was computer printed: 86/06/03 PAGE 2

STATION DESCRIPTION	EFFLUENT	EFFLUENT	EFFLUENT	REGEN EFF	REGEN EFF	REGEN EFF	DOM SEWAGE	DOM SEWAGE		
CONSTITUENT NAME	TEMPERATURE	CHLORINE RES	FLOW	SUSP MATTER	HYDRAZINE	OIL & GREASE	BOD5	SUSP MATTER		
UNITS	DEGREES F	MG/L	MGD	MG/L	MG/L	MG/L	MG/L	MG/L		
SAMPLE TYPE	MEAN & RANGE	GRAB	MEAN & RANGE	GRAB	GRAB	GRAB	8-HR COMP	8-HR COMP		
FREQUENCY	CONTINUOUS	DAILY	CONTINUOUS	SEE WDR	SEE WDR	SEE WDR	WEEKLY	WEEKLY		
MONTH DAY	*	*	*	*	*	*	*	*		
09 01		1	<0.05							
09 02		1	0.08							
09 03		1	0.05							
09 04		1	<0.05							
09 05		1	0.05				1	8.0		
09 06		1	<0.05							
09 07		1	<0.05							
09 08		1	<0.05					1	4.9	
09 09		1	<0.05							
09 10		1	0.08							
09 11		1	0.05	1	0.7	1	<0.02	1	2.0	
09 12		1	0.05				1	12.8		
09 13		1	<0.05							
09 14		1	<0.05							
09 15		1	0.08							
09 16		1	<0.05						1	9.1
09 17		1	0.05	1	24.9	1	<0.02	1	4.8	
09 18		1	0.08							
09 19		1	<0.05				1	142		
09 20		1	<0.05							
09 21		1	<0.05							
09 22		1	<0.05							
09 23		1	0.07						1	2.7
09 24		1	<0.05							
09 25		1	<0.05							
09 26		1	<0.05				1	<1		
09 27		1	<0.05							
09 28		1	<0.05							
09 29		1	0.06						1	6.9
09 30		1	0.07							

REMARKS: Eric Yochheim (916) 452-3211 Ext. 4378  
Note 1: See #8 in attached letter.

+ MONTHLY AVERAGE	63.5		10.5					
MONTHLY HIGH	68.0		11.6					
MONTHLY LOW	56.3		9.9					
TOTAL RECORDINGS / MO								
REQUIREMENT #1	MAX 90 DEG F	30-D AVG 0.1	NO CHECK	30-D AVG 30	30-D AVG 0.1	30-D AVG 15	30-D AVG 30	30-D AVG 30
Times Exceeded	0	0		0	0	0	0	0
REQUIREMENT #2		1-D MAX 0.2		1-D MAX 100	1-D MAX 0.5	1-D MAX 20	7-D AVG 45	7-D AVG 45
Times Exceeded		0		0	0	0	0	0
REQUIREMENT #3							1-D MAX 60	1-D MAX 60
Times Exceeded							1	0

\* Enter number of samples taken during the day: \_\_\_\_\_  
 Typed Name of Principal Executive Officer: Yochheim Eric D  
 I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments, and that I am a duly sworn officer or authorized agent of the Regional Board. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.  
 Signature of Principal Executive Officer or Authorized Agent: *E. Yochheim*  
 REGIONAL BOARD COPY 1

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CALIFORNIA STATE WATER RESOURCES CONTROL BOARD  
DISCHARGER SELF MONITORING REPORT

CALIFORNIA REGIONAL WATER QUALITY  
CONTROL BOARD  
CENTRAL VALLEY REGION  
3701 S STREET  
SACRAMENTO, CA 95816

FACILITY NAME  
SACRAMENTO M.U.D.  
RANCHO SECO  
MAILING ADDRESS  
BOX 15830  
SACRAMENTO M.U.D.  
95813 CALIF

YOUR REPORTING PERIOD IS MONTHLY AND YOUR REPORTS MUST  
BE SUBMITTED BY 15 DAYS FOLLOWING THIS PERIOD.

Transaction Code  Facility I.D. 5A34200001 Year / Month for this report 86/09 Reporting Period Beginning 86/09/01 Ending 86/09/30 State Code 06 NPDES Permit Number 0004758 Date form was computer printed 86/06/03 PAGE Year Mo Day 3

STATION DESCRIPTION	DOM SEWAGE	DOM SEWAGE	DOM SEWAGE	REC WATER R1	REC WATER R1	REC WATER R1	REC WATER R1
CONSTITUENT NAME	SETT MATTER	FLOW	TOT COLIFORM	DO	PH	CHLORINE RES	TEMPERATURE
UNITS	MG/L	GPD	MPN/100 ML	MG/L	NUMBER	MG/L	DEGREES F
SAMPLE TYPE	GRAB	MONTHLY MEAN	GRAB	GRAB	GRAB	GRAB	GRAB
FREQUENCY	2 TIMES/MO	CONTINUOUS	WEEKLY	2 TIMES/MO	2 TIMES/MO	2 TIMES/MO	2 TIMES/MO

MONTH	DAY	*		*		*		*		*		*	
09	01	1	<0.1										
09	02					1	8.4	1	7.65	1	<0.05	1	82.4
09	03												
09	04					1	<2						
09	05												
09	06												
09	07												
09	08												
09	09												
09	10												
09	11												
09	12						>2400						
09	13												
09	14												
09	15	1	<0.1			1	9.0	1	8.00	1	<0.05	1	59.6
09	16												
09	17		<0.1										
09	18					1	11						
09	19												
09	20												
09	21												
09	22												
09	23												
09	24												
09	25												
09	26												
09	27												
09	28					1	12						
09	29												
09	30												

+	MONTHLY AVERAGE		25,016										
	MONTHLY HIGH				Note 2								
	MONTHLY LOW									Note 1			
	TOTAL RECORDINGS MO												
	REQUIREMENT #1	30-D AVG 0.1	30-D MAX	30-D MED 25	MIN 5.0	NO CHECK				MAX 0.02	NO CHECK		
	Times Exceeded	0		0						0			
	REQUIREMENT #2	1-D MAX 0.5	36000 GAL	1-D MAX 500									
	Times Exceeded	0		1									
	REQUIREMENT #3												
	Times Exceeded												

\* Enter number of samples taken during the day. 1

Typed Name of Principal Executive Officer: Yochheim Eric

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document 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.

Signature of Principal Executive Officer or Authorized Agent: E. Yochheim

Tr. Mo. Day: 86/09/03

REGIONAL BOARD COPY **1**

REMARKS: Eric Yochheim (916) 452-3211 Ext. 4378  
Note 1: Minimum sensitivity of measurement is 0.05 mg/L  
Note 2: See #8 in attached letter.



SACRAMENTO MUNICIPAL UTILITY DISTRICT 6201 S Street, P.O. Box 15830, Sacramento CA 95852-1830, (916) 452-3211  
AN ELECTRIC SYSTEM SERVING THE HEART OF CALIFORNIA

JEW 86-569

October 2, 1986

DIRECTOR OF NUCLEAR REACTOR REGULATION  
J R STOLZ - CHIEF  
OPERATING REACTORS, BRANCH 4  
WASHINGTON DC 20555

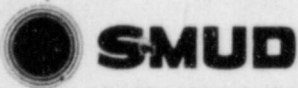
Attached is the information requested by John Stolz in his March 11, 1983 letter to J. J. Mattimoe concerning National Pollutant Discharge Elimination System (NPDES) permit.

Further questions may be directed to Mr. George Campbell, who can be reached at (209) 333-2935, extension 4144.

J. E. WARD  
DEPUTY GENERAL MANAGER, NUCLEAR

Attachment

IER25  
"11  
Add: J.R. Stolz 4r Enol  
Reg File - original



SACRAMENTO MUNICIPAL UTILITY DISTRICT □ 6201 S Street, P.O. Box 15830, Sacramento CA 95852-1830, (916) 452-3211  
AN ELECTRIC SYSTEM SERVING THE HEART OF CALIFORNIA

NPM 86-37

October 2, 1986

REGIONAL ADMINISTRATOR  
ENVIRONMENTAL PROTECTION AGENCY  
REGION IX  
215 FREMONT STREET  
SAN FRANCISCO CA 94105

In accordance with reporting requirements of the California Water Quality Board, please find enclosed a copy of the report of waste waste quality monitoring at Rancho Seco for the month of September 1986.

A handwritten signature in dark ink, appearing to read "D. C. Poole", is written above the typed name.

D. C. POOLE  
MANAGER, NUCLEAR PLANT  
RANCHO SECO NUCLEAR GENERATING STATION  
14440 TWIN CITIES ROAD - MS 255  
HERALD CA 95638

Enclosure (4)



**SMUD**

SACRAMENTO MUNICIPAL UTILITY DISTRICT □ 6201 S Street, P.O. Box 15830, Sacramento CA 95852-1830, (916) 452-3211  
AN ELECTRIC SYSTEM SERVING THE HEART OF CALIFORNIA

NPM 86-38

October 2, 1986

W H CROOKS  
CALIFORNIA WATER QUALITY CONTROL BOARD  
CENTRAL VALLEY REGION  
3201 S STREET  
SACRAMENTO CA 95814

ORDER 85-210 WATER DISCHARGE REQUIREMENTS  
SACRAMENTO MUNICIPAL UTILITY DISTRICT  
RANCHO SECO NUCLEAR GENERATING STATION UNIT 1

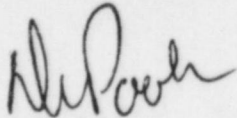
In accordance with the monitoring and reporting requirements of the subject order, please find attached a summary of the Water Quality Monitoring Program at the Rancho Seco facility for August 1986.

Additional comments are as follows:

1. Rancho Seco has been shut down since December 26, 1985.
2. Maximum waste water flow rate was 10,000 gpm for 0.5 hours on September 10.
3. Waste water discharges amounted to 316.0 M gallons.
4. Maximum TDS in waste water discharge was 235 ppm, based on conductivity. That level was experienced during a retention basin release on September 17.
5. Flow through the sewage plant averaged 25,016 gpd for the month of September.
6. The new sewage plant was put into operation November 30, 1986, and is still in a testing mode. All sewage flow is processed through the new plant.

October 2, 1986

7. Visual inspections of the site boundary have not indicated any floating or suspended matter, discoloration, or bottom deposits. Aquatic life appears to be normal.
8. High Total Coliform and BOD in the sewage plant effluent was attributed to heavy maintenance activities on the sewage plant terraces. Maintenance has raked the terraces, removed weeds from distribution area, and has cut grass along cleaned collection ditches. Maintenance has also repaired the foot valve for the chlorine pump and repaired the gate valve in the chlorine addition sump.



D. C. POOLE  
MANAGER, NUCLEAR PLANT  
RANCHO SECO NUCLEAR GENERATING STATION  
14440 TWIN CITIES ROAD - MS 255  
HERALD CA 95638

Enclosure (4)

cc: J. E. Ward  
D. Gillispie