



COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

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OCT 15 2003

JAMES F. STAHL
Chief Engineer and General Manager

File No: 84-01.01-55

Mr. Dennis Dickerson, Executive Officer
California Regional Water Quality Control Board
Los Angeles Region
320 W. 4th St., Suite 200
Los Angeles, CA 90013

Attn: Technical Support Unit

San Jose Creek Water Reclamation Plant
WQCB Order No. 95-079, NPDES No. CA0053911
Monitoring and Reporting Program No. 5542
WQCB Order No. 87-50
Monitoring and Reporting Program No. 6372
Combined NPDES and Reuse Monitoring Report for August 2003

Enclosed please find the monthly Monitoring Report for the subject reporting period.

All analyses were conducted at a laboratory certified for such analyses by the Department of Health Services, or approved by the Executive Officer in accordance with current EPA procedures, or as specified in the Monitoring Program.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Martha Rincón
Printed Name of Person Signing

Martha Rincón
Signature

Supervising Engineer, Monitoring Section
Official Title

10/15/03
Date Signed

MR:JN:rg
Enclosure

cc: California Department of Health Services
Los Angeles County Department of Health Services
Environmental Protection Agency, Region IX
Central Basin Municipal Water District
Water Replenishment District of Southern California
Navigant Consulting, Inc.



SAN JOSE CREEK WATER RECLAMATION PLANT
AUGUST 2003 - MONTHLY MONITORING REPORT

WQCB ORDER NO. 95-079
NPDES NO. CA0053911
MONITORING AND REPORTING PROGRAM NO. 5542

WQCB ORDER NO. 87-50 (REUSE)
MONITORING AND REPORTING PROGRAM NO. 6372

INTRODUCTION

The waste discharge, water reclamation and monitoring and reporting requirements for the San Jose Creek Water Reclamation Plant (WRP) are contained in the following documents:

1. Board Order No. 95-079 (NPDES No. CA0053911) adopted June 12, 1995 by the California Regional Water Quality Control Board, Los Angeles Region (WQCB).
2. Monitoring and Reporting Program No. 5542 revised June 12, 1995 by order of the Executive Officer of the WQCB.
3. Resolution No. 97-02, adopted January 27, 1997 by the WQCB.
4. Board Order No. 87-50 adopted April 23, 1987 by the WQCB. These requirements were re-adopted on May 12, 1997 in Board Order 97-092.
5. Monitoring and Reporting Program No. 6372 ordered April 23, 1987 by order of the Executive Officer of the WQCB.

NPDES PERMIT

COMPLIANCE WITH WASTE DISCHARGE REQUIREMENTS

There were no exceedences of the waste discharge requirements in August.

REMARKS ON THE MONITORING AND REPORTING PROGRAM

Influent Monitoring

Results for the second semi-annual influent monitoring are included in this report.

Effluent Monitoring

Results for the third quarter and second semi-annual effluent monitoring are included in this report. Please note that these results are combined and reported together. Radioactivity analyses were not completed by the time this report was prepared. Results will be reported as they become available.

Results for the annual effluent acute bioassay are included in this report.

Sediment Monitoring

Results of the third quarter sediment monitoring are included in this report.

Receiving Water Monitoring

Results of the third quarter receiving water chronic bioassays for stations C-2 and R-11 are included in this report. Results of the third quarter receiving water chronic bioassays for stations R-6 and R-8 will be included in future reports as they become available.

Results for the annual receiving water acute bioassays for stations C-2, R-11, R-6 and R-8 are included in this report.

Ammonia Limits in Receiving Water

Receiving Water Objective I.D.1 states that, beginning June 12, 2003, "ammonia in the receiving water shall not exceed concentrations specified in Tables 3-2 and 3-4¹ of the Basin Plan as a result of the wastes discharged." In order to comply with the Basin Plan objectives, the Districts have planned for the conversion of the San Jose Creek WRP's treatment to nitrification/denitrification (NDN).

As of June 12, 2003, the San Jose Creek WRP was operating in nitrification/denitrification mode in an effort to comply with the ammonia objectives. The San Jose Creek Monitoring and Reporting Program requires monthly monitoring of total ammonia in the receiving water. To determine compliance with applicable ammonia objectives for receiving water samples collected on or after June 12, 2003, the Districts will compare results of samples collected from the receiving water station immediately downstream of each plant discharge against the applicable ammonia objectives and discuss any non-compliance in the report.

Malfunction of Ammonia Addition Station

On August 12 and 13, 2003, the new ammonia addition station recently installed at the San Jose Creek West Water Reclamation Plant (WRP) malfunctioned. The ammonia addition station was installed at the San Jose Creek West WRP as part of the nitrification/denitrification treatment modifications. After the wastewater is nitrified and denitrified, the ammonia concentration is greatly reduced. However, some ammonia is necessary for the disinfection process. Thus, some ammonia is added back into the wastewater after the nitrification and denitrification process. On August 12 at approximately 12 P.M., a contractor replaced the tubing on the ammonia addition pump as part of maintenance work on the station. However, the pumping mechanism was not properly re-installed, and consequently, the amount of ammonia addition was not correctly dosed. The problem was discovered at approximately 9:30 A.M. on August 13 and was immediately corrected.

For the time period that the ammonia addition was not correctly dosed, 1.2 gallons/minute of 19% ammonia solution was being added to the treated wastewater effluent. Given that the amount of effluent discharged varies during the day and throughout the night, the concentration of ammonia in the effluent (going into the receiving water) varied throughout the day as well. Based on the average daily effluent for the time period, the

¹ The reference to Tables 3-2 and 3-4 is no longer accurate because a Basin Plan Amendment (BPA) updating the Los Angeles Region's ammonia objectives for inland surface waters was adopted and became effective on July 15, 2003. In the new objectives incorporated by the BPA, the freshwater ammonia objectives are contained in Tables 3-1, 3-2 and 3-3. Tables 3-1 and 3-3 apply to the WRPs that discharge to the San Gabriel River. Tables 3-4 and 3-5 of the BPA list saltwater ammonia objectives, which are not applicable to discharges to the San Gabriel River. Thus, the reference to Tables 3-2 and 3-4 in the current permit is inapplicable since the Basin Plan objectives have been recently superceded.

concentration of ammonia was approximately 9 mg/L in the effluent. The peak facility discharge occurred shortly before midnight; at that time, the ammonia concentration in the effluent was approximately 5 mg/L. During the early morning hours, between 5 A.M. and 7 A.M., the facility discharged the lowest flows of the day; thus, the ammonia concentration in the effluent was approximately 22 mg/L.

Coincident with the malfunction of the ammonia addition station, the Districts conducted special sampling of the San Gabriel River on August 13 as part of toxicity testing for the San Gabriel Watershed. Receiving water samples were collected, which showed ammonia levels in the receiving water ranging from 3.8 mg/l to 8.6 mg/L. The two receiving water stations with the highest measured ammonia concentrations on the San Gabriel River, R3-1 and R9-West, were sampled for ammonia the following morning, and both samples were below the detection limit of 0.5 mg/L. (Station R-3-1 is located approximately fifty feet below the Alondra Boulevard overpass of the San Gabriel River, downstream of the San Jose Creek Outfall #1 discharge and upstream of the Los Coyotes WRP.) All ammonia analyses conducted were done consistent with the Districts' standard TIE practices. That is, the toxicity sample is collected, the baseline tests are begun and the ammonia is only quantified when ammonia toxicity is suspected. Thus, the samples were sent for ammonia quantification to the San Jose Creek Laboratory on August 19, 2003. As such, USEPA analysis procedures for ammonia, requiring prompt sample acidification, were not followed. (The samples were kept at 4°C but were not acidified until the day of ammonia quantification.) Because the samples were not collected and handled in accordance with requirements established in the Monitoring and Reporting Program, the results have not been included in this monthly report. No impacts to aquatic life were observed as a result of this incident.

Effluent Performance Goal

Results from a San Jose Creek East WRP effluent sample taken on August 5, 2003 indicate that the bromodichloromethane performance goal of 2.5 ug/L was exceeded with a level of 4 ug/L. Performance goals are not effluent limits and are only used to monitor plant performance. The Districts will continue to monitor levels of this constituent to determine whether this value is due to some cause other than normal statistically expected variability. The Waste Discharge Requirements for San Jose Creek WRP state that the Executive Officer may modify a performance goal if the Discharger requests and has demonstrated that the change is warranted. If the bromodichloromethane concentration in final effluent from San Jose Creek East WRP continues to be measured above the performance goal, the Districts will request that the performance goal be re-calculated in the future.

Receiving Water pH

Receiving Water Requirement I.C.1 states that the pH of the receiving water shall not be depressed below 6.5 or raised above 8.5 as a result of the plant discharge. In August 2003, pHs above 8.5 were observed at receiving water stations R-A-1, R-A, R-9-East and R-9-West on the following occasions:

- At station R-A-1, the pH was 9.1 on August 5, 8.8 on August 12, and 8.7 on August 19. Because station R-A-1 is upstream of the discharge from Long Beach WRP, the elevated pHs at station R-A-1 were not caused by the plant effluent and these measurements are not exceedances of the receiving water requirements.
- At station R-A, the pH was 8.8 on August 5. Station R-A is immediately downstream of the Long Beach WRP. However, the elevated pH at station R-A on August 5 is not due to discharge of treated effluent because the Long Beach WRP effluent pH was 7.4 on that day. This incident was due to the high pH at station R-A-1 which was measured at 9.1 on this day.

- At station R-9-East, the pH was 8.9 on August 5, 8.7 on August 12, and 8.6 on August 19. The elevated pHs at station R-9-East on these days are not due to discharge of treated effluent because the Long Beach WRP effluent pH was 7.4 or lower on those days.
- At station R-9-West, the pH was 9.2 on August 12. This elevated pH at station R-9-West is not due to discharge of treated effluent because the Los Coyotes effluent pH was 7.3 on August 12.

Receiving Water Requirement I.C.1 specifies that ambient pH levels shall not be changed more than 0.5 pH units from natural conditions. On August 5, 2003, the pH at the downstream receiving water station C-2 on San Jose Creek was observed to be 0.9 pH unit lower than the pH at the upstream station C-1. The pHs at C-1 and C-2 were 8.2 and 7.3, respectively. The Districts do not consider receiving water station C-1 to be representative of natural conditions. The flow at this station is highly influenced by urban runoff and other flows of unknown origin upstream of the treatment plant. In recognition of this, the Regional Board included language in the new permits for the Long Beach, Los Coyotes and Whittier Narrows WRPs to allow the Board to determine natural conditions on a case-by-case basis. Consequently, changes such as the one described here will not be considered to be exceedances of the receiving water requirements. The Districts will continue to monitor effluent and receiving water pHs and report the results accordingly.

Receiving Water Temperature

Receiving water limitation I.C.2 states that the temperature of the receiving water at any time or place and within any given 24-hour period shall not be increased by more than 5°F (or above 70°F if the ambient received water temperature is less than 60°F) as a result of the wastes discharged. On August 5, 2003, the temperature at downstream receiving water station C-2 on San Jose Creek was observed to be higher than the temperature at the upstream station C-1 by more than 5°F. The temperatures at stations C-1 and C-2 were measured at 26°C (78°F) and 29°C (83°F), respectively. On this day, the effluent temperature at San Jose Creek East WRP was measured at 85°F, which is a typical discharge value.

Per the Los Angeles Region Basin Plan, the increase of 5°F applies to the natural temperature of the receiving water. However, the upstream receiving water station C-1 is not representative of natural conditions because the flow at this station is highly influenced by dry weather urban runoff and other flows of unknown origin. In recognition of this, the Regional Board included language in the new permits for the Long Beach, Los Coyotes and Whittier Narrows WRPs to allow the Board to determine natural conditions on a case-by-case basis. Consequently, changes such as the one described here will not be considered to be exceedances of the receiving water requirements. The Districts will continue to monitor effluent and receiving water temperatures and report the results accordingly.

Receiving Water Dissolved Oxygen

Receiving Water Requirement I.C.4 states that the dissolved oxygen in the receiving water shall not be depressed below 5 mg/L as a result of the wastes discharged. In August 2003, the dissolved oxygen concentration at station R-A-2 was measured at 3.8 mg/L on August 19. The low dissolved oxygen concentration at station R-A-2 was not a result of wastes discharged since the dissolved oxygen concentrations at other stations closer to the Districts' plant discharges (i.e., R-4, R-A, R-9-East and R-9-West) were all 8.9 mg/L or above on this day. The low dissolved concentration may be due to localized conditions.

Fish in San Gabriel River

During their routine monitoring of lined San Gabriel River receiving water stations on August 8, 2003, Districts technicians observed thirty to fifty dead fish at 1:55 P.M. The majority of the dead fish were tilapias

that ranged in size between 1 to 3 inches in length. Most of the tilapias were found just below a culvert located 150 to 200 yards north of receiving water station R-3-1. Station R-3-1 is located approximately fifty feet below the Alondra Boulevard overpass of the San Gabriel River, downstream of the San Jose Creek Outfall #1 discharge and upstream of the Los Coyotes WRP. Other dead organisms included a mosquito fish and a crayfish. There were also many fish and crayfish that were still alive but unresponsive unless handled. The Districts believe that this incident may have been due to low flow in the river.

REUSE PERMIT

COMPLIANCE WITH WATER RECLAMATION REQUIREMENTS

There were no violations of the water reclamation requirements in August.

All reclaimed water used during August was used only for those purposes specified in the requirements.

REMARKS

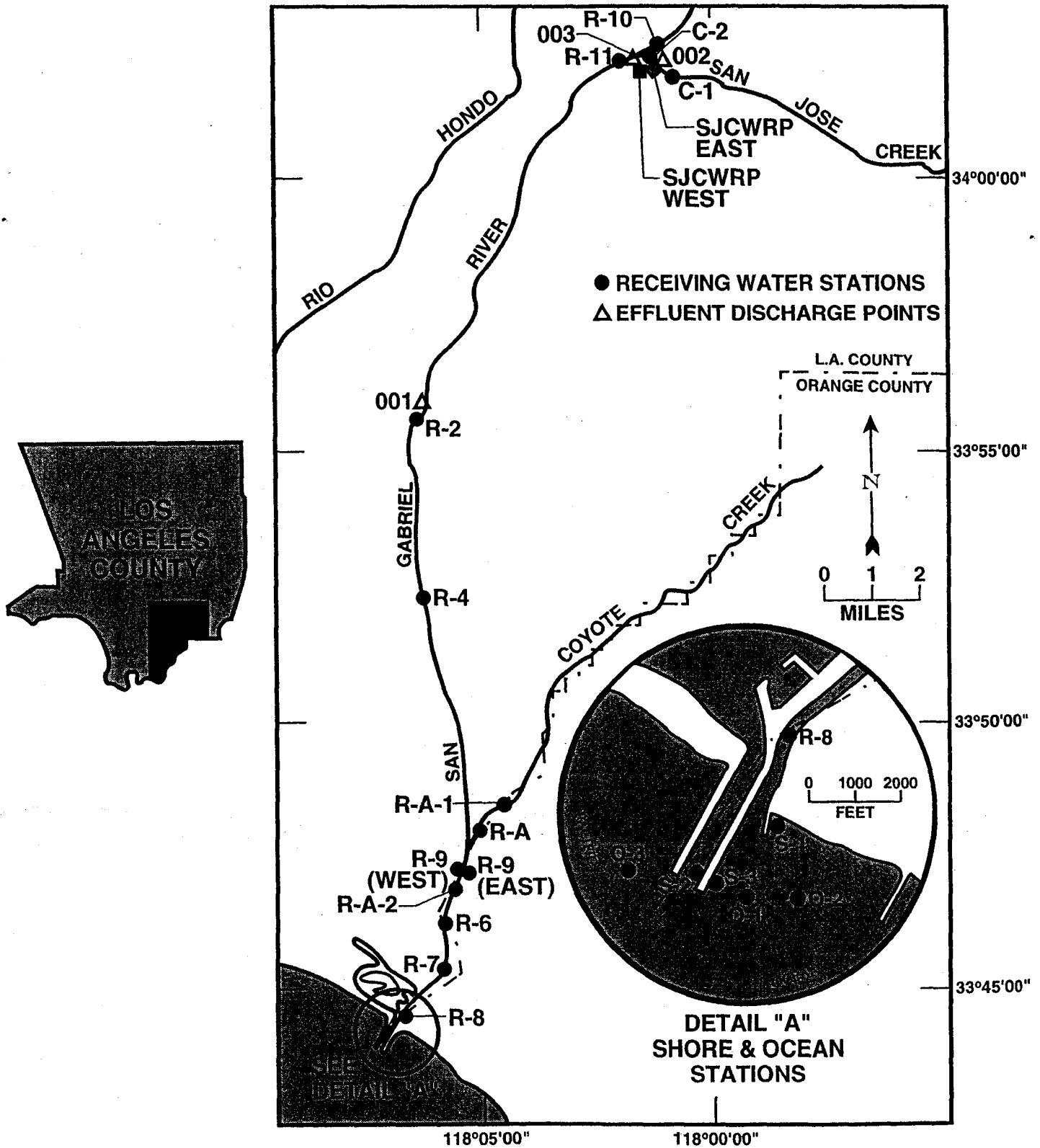
The Monitoring and Reporting Program requires quarterly monitoring of radioactivity. Radioactivity analyses were not completed by the report preparation time. Results will be reported as they become available.

**DISCHARGE POINTS AND
RECEIVING WATER STATIONS MAP**

San Jose Creek Water Reclamation Plant

SAN JOSE CREEK WRP

Effluent Discharge Points and Receiving Water Stations



**OPERATIONS DATA
MONTHLY**

San Jose Creek Water Reclamation Plant, East

WQCB ORDER NO. 95-079 (NPDES NO. CA0053911)
WQCB ORDER NO. 87-50 (REUSE)
MONITORING AND REPORTING PROGRAMS NOS. 5542 & 6372

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT, EAST
MONTHLY MONITORING REPORT
AUGUST 2003

WQCB ORDER NO. 95-079 (NPDES NO. CA0053911)
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DATE	SUSPENDED SOLIDS							
	24-HR COMPOSITE							
	INFLUENT	EFFLUENT	EFFLUENT NPDES	PLANT REMOVAL 30-DAY AVG.	EFFLUENT 7-DAY AVERAGE		EFFLUENT 30-DAY AVERAGE	
					NPDES		NPDES	
	mg/L	mg/L	lbs/day	%	mg/L	lbs/day	mg/L	lbs/day
1		1	395		1	507	< 1	< 452
2	236	1	421	> 99	1	511	1	452
3		1	428		1	465	1	452
4		2	820		1	475	1	465
5		1	406		1	476	1	464
6		1	405		1	472	1	464
7		1	422		1	471	1	464
8	260	< 1	< 424	> 99	< 1	< 475	< 1	< 463
9		1	421		< 1	< 475	< 1	< 464
10		1	409		< 1	< 472	< 1	< 451
11		< 1	< 423		< 1	< 416	< 1	< 451
12		< 1	< 395		< 1	< 414	< 1	< 449
13		1	443		< 1	< 420	< 1	< 450
14		1	432		< 1	< 421	< 1	< 450
15	224	1	436	> 99	< 1	< 423	< 1	< 450
16		1	347		< 1	< 412	< 1	< 447
17	286	1	409	> 99	< 1	< 412	< 1	< 446
18		< 1	< 434		< 1	< 414	< 1	< 445
19		< 1	< 426		< 1	< 418	< 1	< 445
20		1	424		< 1	< 415	< 1	< 445
21		1	432		< 1	< 415	< 1	< 445
22		1	444		< 1	< 417	< 1	< 445
23	298	1	435	> 99	< 1	< 429	< 1	< 452
24		1	452		< 1	< 435	< 1	< 454
25		1	443		< 1	< 437	< 1	< 456
26		1	445		1	439	< 1	< 446
27		1	452		1	443	< 1	< 436
28		1	432		1	443	< 1	< 437
29	241	2	890	> 99	1	507	< 1	< 452
30		2	857		1	567	< 1	< 467
31		1	441		1	566	< 1	< 468
MEAN	258	< 1	< 466	> 99	< 1	< 454	< 1	< 452
MAX	298	2	890	> 99	1	567	1	< 468
MIN	224	< 1	347	> 99	< 1	< 412	< 1	< 436
LIMITS:								
NPDES MAX		45	23456		40	20850	15	7819
NPDES MIN				85				
NPDES PERFORMANCE GOALS: 30-DAY AVERAGE								

WQCB ORDER NO. 95-079 (NPDES NO. CA0053911)
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COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT, EAST
MONTHLY MONITORING REPORT
AUGUST 2003

WQCB ORDER NO. 95-079 (NPDES NO. CA0053911)
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DATE	RESIDUAL CHLORINE		TOTAL COLIFORM		pH	TEMPERATURE
	EFFLUENT DAILY MAX		EFFLUENT GRAB SAMPLE		EFFLUENT	EFFLUENT
	(DECHLORINATED)		DAILY	MEDIAN	GRAB	GRAB
	NPDES	NPDES	VALUE	OF LAST	SAMPLE	SAMPLE
	# 001	# 002		7 SAMPLES		
	mg/L	mg/L	No./100 mL	No./100 mL		deg. F
1	0.04	< 0.05	< 1	< 1	7.0	85
2	0.50	< 0.05	< 1	< 1	7.0	84
3	0.59	< 0.05	1	< 1	7.0	83
4	0.10	< 0.05	< 1	< 1	7.1	85
5	0.10	< 0.05	< 1	< 1	7.0	85
6	0.57	< 0.05	< 1	< 1	7.0	84
7	0.50	< 0.05	< 1	< 1	6.9	85
8	0.60	< 0.05	< 1	< 1	6.8	85
9	0.60	< 0.05	< 1	< 1	7.1	85
10	1.20	< 0.05	1	< 1	6.9	85
11	0.40	< 0.05	< 1	< 1	6.9	86
12	0.20	< 0.05	< 1	< 1	6.8	85
13	0.70	< 0.05	< 1	< 1	7.0	86
14	0.70	< 0.05	< 1	< 1	7.0	86
15	1.10	< 0.05	< 1	< 1	7.0	85
16	1.50	< 0.05	< 1	< 1	7.1	84
17	4.30	*	< 1	< 1	7.0	84
18	0.70	< 0.05	< 1	< 1	7.0	85
19	0.30	< 0.05	< 1	< 1	6.9	85
20	1.60	< 0.05	< 1	< 1	6.9	85
21	0.60	< 0.05	< 1	< 1	7.0	84
22	0.50	< 0.05	1	< 1	7.0	84
23	0.80	< 0.05	< 1	< 1	7.0	84
24	0.60	< 0.05	< 1	< 1	6.9	84
25	0.80	< 0.05	1	< 1	6.9	85
26	1.20	< 0.05	< 1	< 1	7.1	85
27	0.50	< 0.05	< 1	< 1	7.1	85
28	0.50	< 0.05	< 1	< 1	7.0	84
29	0.70	< 0.05	< 1	< 1	6.9	86
30	0.20	< 0.05	< 1	< 1	7.1	85
31	0.70	< 0.05	< 1	< 1	6.9	85
MEAN	0.75	< 0.05			7.0	85
MAX	4.30	< 0.05	1	< 1	7.1	86
MIN	0.04	< 0.05	< 1	< 1	6.8	83
MEDIAN						
LIMITS:						
NPDES MAX			I 23	2.2	9.0	100
NPDES MIN					6.0	
REUSE MAX			J 23	2.2	9.0	
REUSE MIN					6.0	

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DATE	TOTAL DISSOLVED SOLIDS		SETTLEABLE SOLIDS		TURBIDITY			RESIDUAL
	EFFLUENT 24-HR-COMPOSITE		EFFLUENT		EFFLUENT			CHLORINE
	DAILY VALUE	NPDES EFFLUENT	GRAB SAMPLE		24-HR COMPOSITE	DAILY MAXIMUM	CONTINUOUS TIME > 5 NTU	CHLORINATED GRAB SAMPLE
			DAILY	30-DAY AVERAGE				
	mg/L	lbs/day	mL/L	mL/L	NTU	NTU	MINUTES	mg/L
1	628	248206	< 0.1	< 0.1	1.2	1.2	0	3.50
2	626	263339	< 0.1	< 0.1	1.1	1.5	0	3.60
3	639	273338	< 0.1	< 0.1	1.0	1.7	0	3.80
4	616	252454	< 0.1	< 0.1	1.1	1.5	0	3.40
5	652	264434	< 0.1	< 0.1	1.2	1.6	0	3.90
6	640	259354	< 0.1	< 0.1	1.3	1.6	0	3.90
7	626	264279	< 0.1	< 0.1	1.3	1.3	0	4.00
8	626	265271	< 0.1	< 0.1	1.3	1.1	0	3.90
9	630	265179	< 0.1	< 0.1	1.2	1.1	0	4.10
10	626	256239	< 0.1	< 0.1	1.0	1.5	0	4.00
11	632	267023	< 0.1	< 0.1	1.3	1.9	0	3.80
12	658	259843	< 0.1	< 0.1	1.1	1.2	0	3.90
13	650	288072	< 0.1	< 0.1	1.0	1.2	0	3.90
14	567	244951	< 0.1	< 0.1	1.1	1.5	0	3.90
15	649	282920	< 0.1	< 0.1	1.2	1.4	0	3.90
16	667	231578	< 0.1	< 0.1	1.4	1.3	0	3.80
17	623	254647	< 0.1	< 0.1	1.0	1.9	0	3.80
18	653	283520	< 0.1	< 0.1	1.1	1.5	0	3.90
19	677	288125	< 0.1	< 0.1	1.1	1.2	0	3.90
20	638	270515	< 0.1	< 0.1	1.1	1.1	0	4.10
21	645	278648	< 0.1	< 0.1	1.1	1.5	0	4.20
22	640	284120	< 0.1	< 0.1	1.0	1.3	0	4.10
23	644	279934	< 0.1	< 0.1	0.9	1.6	0	3.90
24	534	241517	< 0.1	< 0.1	1.1	2.1	0	4.00
25	664	294221	< 0.1	< 0.1	1.2	1.8	0	4.10
26	660	293440	< 0.1	< 0.1	1.2	1.4	0	4.00
27	653	294902	< 0.1	< 0.1	1.3	1.8	0	3.90
28	642	277245	< 0.1	< 0.1	1.2	1.9	0	4.10
29	669	297552	< 0.1	< 0.1	1.2	1.6	0	3.70
30	625	267870	< 0.1	< 0.1	1.3	1.9	0	3.00
31	588	259270	< 0.1	< 0.1	1.3	2.2	0	3.80
MEAN	635	269,419	< 0.1	< 0.1	1.2	1.5	0	3.86
MAX	677	297,552	< 0.1	< 0.1	1.4	2.2	0	4.20
MIN	534	231,578	< 0.1	< 0.1	0.9	1.1	0	3.00
LIMITS:								
NPDES MAX	750	390,938	0.3	0.1	H 2		72	
NPDES MIN								
REUSE MAX	800				H 2		72	
REUSE MIN								

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AUGUST 2003

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WQCB ORDER NO. 87-50 (REUSE)
MONITORING AND REPORTING PROGRAMS NOS. 5542 & 6372

SYMBOL	EXPLANATION
*	NO DISCHARGE UNDER THIS BOARD ORDER ON THIS DATE. THE SUMMARY REFLECTS ALL DATA SHOWN.
A	PARTIAL OR NO SAMPLE OBTAINED DUE TO SAMPLER MALFUNCTION.
B	ERROR IN TESTING PROCEDURE. INVALID RESULTS OBTAINED.
C	INSUFFICIENT SAMPLE VOLUME FOR PERFORMING ALL TESTS.
D	HOLIDAY WORK SCHEDULE. INSUFFICIENT MANPOWER TO PERFORM ALL TESTS.
E	INSUFFICIENT MANPOWER TO PERFORM ALL TESTS.
F	NECESSARY TESTING EQUIPMENT OUT OF SERVICE.
G	FLOW METER OUT OF SERVICE.
H	TURBIDITY VALUES ARE ROUNDED TO THE NEAREST WHOLE NUMBER (E.G., 2.5=2, 2.6=3) FOR THE PURPOSE OF DETERMINING COMPLIANCE WITH THE TURBIDITY LIMIT. (REFERENCE: <i>STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER</i> , 20TH EDITION SECTION 1050B; P. 1 - 26, 1998)
I	NO. OF COLIFORMS MAY NOT EXCEED 23/100 ML IN MORE THAN ONE SAMPLE DURING ANY 30-DAY PERIOD.
J	NO. OF COLIFORMS MAY NOT EXCEED 23/100 ML IN ANY SAMPLE DURING A 30-DAY PERIOD.
N	NO SAMPLE TAKEN
L	INSUFFICIENT FLOW FOR MEASUREMENT

**OPERATIONS DATA
MONTHLY**

San Jose Creek Water Reclamation Plant, West

WQCB ORDER NO. 95-079 (NPDES NO. CA0053911)
WQCB ORDER NO. 87-50 (REUSE)
MONITORING AND REPORTING PROGRAMS NOS. 5542 & 6372

[illegible]

WQCB ORDER NO. 95-079 (NPDES NO. CA0053911)
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MONITORING AND REPORTING PROGRAMS NOS. 5542 & 6372

NPDES PERFORMANCE GOALS: 30-DAY AVERAGE 4

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
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WQCB ORDER NO. 87-50 (REUSE)
MONITORING AND REPORTING PROGRAMS NOS. 5542 & 6372

DATE	5-DAY BIOCHEMICAL OXYGEN DEMAND (BOD)							
	24-HR COMPOSITE							
	INFLUENT	EFFLUENT	EFFLUENT NPDES	PLANT REMOVAL 30-DAY AVG.	EFFLUENT 7-DAY AVERAGE		EFFLUENT 30-DAY AVERAGE	
					NPDES		NPDES	
					mg/L	lbs/day	mg/L	lbs/day
1								
2	192	4	803	98	< 4	< 752	< 3	< 643
3								
4								
5								
6								
7								
8	200	< 3	< 587	98	< 4	< 695	< 3	< 644
9								
10								
11								
12								
13								
14								
15								
16								
17	247	3	643	98	3	643	< 3	< 659
18								
19								
20								
21								
22								
23	198	< 3	< 589	98	< 3	< 616	< 3	< 665
24								
25								
26								
27								
28								
29	222	< 3	< 593	98	< 3	< 591	< 3	< 643
30								
31								
MEAN	212	< 3	< 643	98	< 3	< 659	< 3	< 651
MAX	247	4	803	98	< 4	< 752	< 3	< 665
MIN	192	< 3	< 587	98	< 3	< 591	< 3	< 643
LIMITS:								
NPDES MAX		45	14,074		30	9,383	20	6,255
NPDES MIN				85				
NPDES PERFORMANCE GOALS: 30-DAY AVERAGE							18.0	

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DATE	RESIDUAL CHLORINE EFFLUENT DAILY MAX (DECHLORINATED)		TOTAL COLIFORM		pH	TEMPERATURE
			EFFLUENT GRAB SAMPLE		EFFLUENT GRAB SAMPLE	EFFLUENT GRAB SAMPLE
	NPDES # 001	NPDES # 003	DAILY VALUE	MEDIAN OF LAST 7 SAMPLES		
1	2.10	< 0.05	< 1	< 1	7.1	85
2	1.30	< 0.05	< 1	< 1	7.1	83
3	1.30	< 0.05	2	< 1	7.1	84
4	1.50	< 0.05	< 1	< 1	7.1	84
5	1.40	< 0.05	< 1	< 1	7.1	84
6	1.30	< 0.05	< 1	< 1	6.8	83
7	1.80	< 0.05	1	< 1	7.0	85
8	1.80	< 0.05	< 1	< 1	7.1	84
9	1.60	< 0.05	< 1	< 1	7.3	83
10	1.30	< 0.05	< 1	< 1	7.2	83
11	1.40	< 0.05	< 1	< 1	7.1	86
12	2.00	< 0.05	< 1	< 1	7.1	85
13	2.30	< 0.05	< 1	< 1	8.2	86
14	1.70	< 0.05	< 1	< 1	7.1	85
15	1.40	< 0.05	< 1	< 1	7.0	86
16	1.30	< 0.05	< 1	< 1	7.2	85
17	1.20	< 0.05	< 1	< 1	7.0	85
18	1.50	< 0.05	< 1	< 1	7.1	84
19	1.40	< 0.05	< 1	< 1	7.1	84
20	1.40	< 0.05	< 1	< 1	7.0	85
21	1.40	< 0.05	< 1	< 1	7.1	84
22	1.30	< 0.05	< 1	< 1	7.0	84
23	1.40	< 0.05	< 1	< 1	7.0	84
24	1.40	< 0.05	< 1	< 1	7.0	84
25	1.60	< 0.05	1	< 1	7.1	85
26	1.50	< 0.05	< 1	< 1	7.1	85
27	1.50	< 0.05	< 1	< 1	7.0	85
28	1.70	< 0.05	< 1	< 1	7.0	84
29	1.30	< 0.05	< 1	< 1	7.1	84
30	1.50	< 0.05	< 1	< 1	7.2	84
31	1.40	< 0.05	< 1	< 1	7.1	85
MEAN	1.52	< 0.05			7.1	84
MAX	2.30	< 0.05	2	< 1	8.2	86
MIN	1.20	< 0.05	< 1	< 1	6.8	83
MEDIAN						
LIMITS:						
NPDES MAX			I 23	2.2	9.0	100
NPDES MIN					6.0	
REUSE MAX			J 23	2.2	9.0	
REUSE MIN					6.0	

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DATE	TOTAL DISSOLVED SOLIDS		SETTLEABLE SOLIDS		TURBIDITY			RESIDUAL
	EFFLUENT 24-HR-COMPOSITE		EFFLUENT		EFFLUENT			CHLORINE
	DAILY VALUE	NPDES EFFLUENT	GRAB SAMPLE		24-HR COMPOSITE	DAILY MAXIMUM	CONTINUOUS TIME > 5 NTU	CHLORINATED GRAB SAMPLE
			DAILY	30-DAY AVERAGE				
	mg/L	lbs/day	mL/L	mL/L	NTU	NTU	MINUTES	mg/L
1	516	109350	< 0.1	< 0.1	0.7	0.6	0	3.30
2	519	104186	< 0.1	< 0.1	0.7	0.8	0	2.90
3	526	102608	< 0.1	< 0.1	0.7	0.7	0	3.00
4	501	95099	< 0.1	< 0.1	0.7	0.6	0	3.40
5	515	105745	< 0.1	< 0.1	0.7	0.7	0	4.50
6	532	102314	< 0.1	< 0.1	0.7	0.7	0	3.40
7	529	102796	< 0.1	< 0.1	0.7	0.8	0	3.50
8	506	98918	< 0.1	< 0.1	0.7	0.7	0	3.60
9	527	103594	< 0.1	< 0.1	0.8	0.6	0	3.00
10	511	101003	< 0.1	< 0.1	0.7	0.6	0	3.00
11	500	96827	< 0.1	< 0.1	0.7	0.6	0	2.70
12	559	108066	< 0.1	< 0.1	1.3	3.5	0	2.90
13	571	111910	< 0.1	< 0.1	0.9	1.5	0	3.80
14	579	105704	< 0.1	< 0.1	0.7	0.7	0	3.90
15	547	106477	< 0.1	< 0.1	0.7	0.6	0	3.40
16	567	131365	< 0.1	< 0.1	0.9	0.9	0	3.10
17	517	110770	< 0.1	< 0.1	0.7	0.6	0	3.40
18	532	104444	< 0.1	< 0.1	0.7	0.8	0	3.10
19	535	98385	< 0.1	< 0.1	0.7	0.7	0	3.30
20	532	102802	< 0.1	< 0.1	0.7	0.8	0	3.20
21	528	101457	< 0.1	< 0.1	0.7	0.8	0	3.60
22	534	109691	< 0.1	< 0.1	0.8	0.7	0	3.50
23	510	100082	< 0.1	< 0.1	0.8	0.7	0	3.40
24	642	127271	< 0.1	< 0.1	0.7	0.6	0	3.10
25	508	100495	< 0.1	< 0.1	0.7	0.4	0	3.10
26	528	105772	< 0.1	< 0.1	0.8	0.8	0	3.30
27	520	103086	< 0.1	< 0.1	0.8	0.9	0	3.40
28	541	104632	< 0.1	< 0.1	0.9	0.8	0	4.50
29	534	105549	< 0.1	< 0.1	0.9	0.9	0	3.10
30	529	106193	< 0.1	< 0.1	0.9	0.8	0	2.80
31	501	99444	< 0.1	< 0.1	0.7	0.8	0	3.10
MEAN	532	105,356	< 0.1	< 0.1	0.8	0.8	0	3.33
MAX	642	131,365	< 0.1	< 0.1	1.3	3.5	0	4.50
MIN	500	95,099	< 0.1	< 0.1	0.7	0.4	0	2.70
LIMITS:								
NPDES MAX	750	234,563	0.3	0.1	H 2		72	
NPDES MIN								
REUSE MAX	800				H 2		72	
REUSE MIN								

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WQCB ORDER NO. 87-50 (REUSE)
MONITORING AND REPORTING PROGRAMS NOS. 5542 & 6372

SYMBOL	EXPLANATION
*	NO DISCHARGE UNDER THIS BOARD ORDER ON THIS DATE. THE SUMMARY REFLECTS ALL DATA SHOWN.
A	PARTIAL OR NO SAMPLE OBTAINED DUE TO SAMPLER MALFUNCTION.
B	ERROR IN TESTING PROCEDURE. INVALID RESULTS OBTAINED.
C	INSUFFICIENT SAMPLE VOLUME FOR PERFORMING ALL TESTS.
D	HOLIDAY WORK SCHEDULE. INSUFFICIENT MANPOWER TO PERFORM ALL TESTS.
E	INSUFFICIENT MANPOWER TO PERFORM ALL TESTS.
F	NECESSARY TESTING EQUIPMENT OUT OF SERVICE.
G	FLOW METER OUT OF SERVICE.
H	TURBIDITY VALUES ARE ROUNDED TO THE NEAREST WHOLE NUMBER (E.G., 2.5=2, 2.6=3) FOR THE PURPOSE OF DETERMINING COMPLIANCE WITH THE TURBIDITY LIMIT. (REFERENCE: <i>STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER</i> , 20TH EDITION SECTION 1050B; P. 1 - 26, 1998)
I	NO. OF COLIFORMS MAY NOT EXCEED 23/100 ML IN MORE THAN ONE SAMPLE DURING ANY 30-DAY PERIOD.
J	NO. OF COLIFORMS MAY NOT EXCEED 23/100 ML IN ANY SAMPLE DURING A 30-DAY PERIOD.
N	NO SAMPLE TAKEN
L	INSUFFICIENT FLOW FOR MEASUREMENT

**EFFLUENT MONITORING DATA
MONTHLY**

San Jose Creek Water Reclamation Plant, East

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT, EAST
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WQCB ORDER NO. 95-079 (NPDES NO. CA0053991)
WQCB ORDER NO. 87-50 (REUSE)
MONITORING AND REPORTING PROGRAMS NOS. 5542 & 6372

NITROGEN, SULFATE, CHLORIDE, ETC.

SAN JOSE CREEK EAST WRP MONTHLY FINAL EFFLUENT
Composite Date and Time - From: 08/27/2003 06:00 To: 08/28/2003 06:00
Sample Location: 1-SJC-FBAY Sample Type: FIN Approved By: EG
Requestor: CONWAY Completion Date: 09/15/2003
Sample No: SJ92940

CONSTITUENT ⁽²⁾	UNIT	FINAL EFFLUENT ⁽¹⁾	NPDES LIMITS				REUSE LIMITS
			DAILY MAX.		30-DAY AVG.		DAILY MAX.
			(mg/L)	(lbs/day)	(mg/L)	(lbs/day)	(mg/L)
Flow (002)	MGD	22.03					
Ammonia Nitrogen	mg/L N	1.7					
Organic Nitrogen	mg/L N	1.4					
Nitrate Nitrogen	mg/L N	3.69					
Nitrite Nitrogen	mg/L N	< 0.04					
Nitrite-N + Nitrate-N	mg/L N	3.73	10				
	lbs/day	685		5213			
Total Nitrogen	mg/L N	6.8					
Sulfate	mg/L	147	250				250
	lbs/day	27003		130313			
Chloride ⁽³⁾	mg/L	149	180				250
	lbs/day	27371		93825			
Fluoride	mg/L F	0.33	1.6				
	lbs/day	61		834			
Boron	mg/L B	0.49	1.5				1.5
	lbs/day	90		782			
Detergents (MBAS)	mg/L	< 0.1	0.5				
	lbs/day	< 18		261			
Oil and Grease ⁽⁴⁾ (a)	mg/L	< 4	15		10		
	lbs/day	< 1698		7819		5213	

(1) For the purpose of determining compliance with Limits, values are evaluated based on the significant digits indicated in the permit and on the appropriate use of significant figures (i.e., per Standard Methods for the Examination of Water and Wastewater, 20th edition, 1998, Section 1050B).

(2) Mass Emission is determined based on monthly average flow through the outfall(s) named in the permit.

Flow(001)= 28.86 Flow(002)=22.03

(3) The chloride limit of 150 mg/L had been superseded by a higher, variable limit keyed to water supply chlorides per Resolution 90-004. On January 27, 1997, Resolution 90-004 was rescinded and a new limit of 180 mg/L was adopted. Thus, the 85 mg/L increase-loading limit and 100 mg/L effluent gross limit are no longer applicable.

(4) The oil and grease limit applies to both discharge serial No. 001 and 002.

a. SJ92966:- Grab Date and Time: 08/28/2003 13:02

EFFLUENT MONITORING DATA
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NITROGEN, SULFATE, CHLORIDE, ETC.

SAN JOSE CREEK WEST WRP MONTHLY FINAL EFFLUENT
Composite Date and Time - From: 08/27/2003 06:00 To: 08/28/2003 06:00
Sample Location: 1-SJ3-FBAY Sample Type: FIN Approved By: EG
Requestor: CONWAY Completion Date: 09/15/2003
Sample No: SJ92941

CONSTITUENT ⁽²⁾	UNIT	FINAL EFFLUENT ⁽¹⁾	NPDES LIMITS				REUSE LIMITS
			DAILY MAX.		30-DAY AVG.		DAILY MAX.
			(mg/L)	(lbs/day)	(mg/L)	(lbs/day)	(mg/L)
Flow (003)	MGD	2.53					
Ammonia Nitrogen	mg/L N	1.5					
Organic Nitrogen	mg/L N	1.1					
Nitrate Nitrogen	mg/L N	4.22					
Nitrite Nitrogen	mg/L N	0.082					
Nitrite-N + Nitrate-N	mg/L N	4.30	10				
	lbs/day	90.8		3128			
Total Nitrogen	mg/L N	6.9					
Sulfate	mg/L	84.9	250				250
	lbs/day	1792		78188			
Chloride ⁽³⁾	mg/L	105	180				250
	lbs/day	2216		56295			
Fluoride	mg/L F	0.68	1.6				
	lbs/day	14.4		500			
Boron	mg/L B	0.45	1.5				1.5
	lbs/day	9.5		469			
Detergents (MBAS)	mg/L	< 0.1	0.5				
	lbs/day	< 2		156			
Oil and Grease ⁽⁴⁾ (a)	mg/L	< 4	15		10		
	lbs/day	< 792		4691		3128	

(1) For the purpose of determining compliance with Limits, values are evaluated based on the significant digits indicated in the permit and on the appropriate use of significant figures (i.e., per Standard Methods for the Examination of Water and Wastewater, 20th edition, 1998, Section 1050B).

(2) Mass Emission is determined based on monthly average flow through the outfall(s) named in the permit. Flow(001)= 21.21 Flow(003)=2.53

(3) The chloride limit of 150 mg/L had been superseded by a higher, variable limit keyed to water supply chlorides per Resolution 90-004. On January 27, 1997, Resolution 90-004 was rescinded and a new limit of 180 mg/L was adopted. Thus, the 85 mg/L increase-loading limit and 100 mg/L effluent gross limit are no longer applicable.

(4) The oil and grease limit applies to both discharge serial No. 001 and 003.

a. SJ92967:- Grab Date and Time: 08/28/2003 13:00

**INFLUENT MONITORING DATA
2 ND SEMI-ANNUAL**

San Jose Creek Water Reclamation Plant, East

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT, EAST
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WQCB ORDER NO. 95-079 (NPDES NO. CA0053991)
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MONITORING AND REPORTING PROGRAMS NOS. 5542 & 6372

PESTICIDES, PRIORITY POLLUTANTS, ETC.

SAN JOSE CREEK EAST WRP SEMI-ANNUAL RAW INFLUENT
Grab Date and Time: 08/05/2003 10:35
Sample Location: 1-SJC-RAW Sample Type: RAW Approved By: EG
Requestor: CONWAY Completion Date: 08/19/2003
Sample No: SJ91260

CONSTITUENTS	UNITS	RESULTS
METHYLENE CHLORIDE	UG/L	2
CHLOROFORM	UG/L	7
1,1,1-TRICHLOROETHANE	UG/L	< 0.5
CARBON TETRACHLORIDE	UG/L	< 0.5
1,1-DICHLOROETHENE	UG/L	< 0.5
TRICHLOROETHYLENE	UG/L	< 0.5
TETRACHLOROETHYLENE	UG/L	0.5
BROMODICHLOROMETHANE	UG/L	< 0.5
DIBROMOCHLOROMETHANE	UG/L	< 0.5
BROMOFORM	UG/L	< 0.5
CHLOROBENZENE	UG/L	< 0.5
VINYL CHLORIDE	UG/L	< 0.5
O-DICHLOROBENZENE	UG/L	1
M-DICHLOROBENZENE	UG/L	< 0.5
P-DICHLOROBENZENE	UG/L	5
1,1-DICHLOROETHANE	UG/L	< 0.5
1,1,2-TRICHLOROETHANE	UG/L	< 0.5
1,2-DICHLOROETHANE	UG/L	< 0.5
BENZENE	UG/L	< 0.5
TOLUENE	UG/L	4
ETHYL BENZENE	UG/L	< 0.5
TRANS-1,2-DICHLOROETHYLEN	UG/L	< 0.5
BROMOMETHANE	UG/L	< 0.5
CHLOROETHANE	UG/L	< 0.5
2-CHLOROETHYL VINYLETHER	UG/L	< 0.5
CHLOROMETHANE	UG/L	< 0.5
1,2-DICHLOROPROPANE	UG/L	< 0.5
CIS-1,3-DICHLOROPROPENE	UG/L	< 0.5
TRANS-1,3-DICHLOROPROPENE	UG/L	< 0.5
1,1,2,2-TETRACHLOROETHANE	UG/L	< 0.5
ACROLEIN	UG/L	< 10
ACRYLONITRILE	UG/L	< 5
METHYL-TERT-BUTYL-ETHER	UG/L	< 0.5

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PESTICIDES, PRIORITY POLLUTANTS, ETC.

SAN JOSE CREEK EAST WRP SEMI-ANNUAL RAW INFLUENT
Composite Date and Time - From: 08/04/2003 10:30 To: 08/05/2003 10:30
Sample Location: 1-SJC-RAW Sample Type: RAW Approved By: EG
Requestor: CONWAY Completion Date: 09/17/2003
Sample No: SJ91258

CONSTITUENTS	UNITS	RESULTS
ACENAPHTHENE	UG/L	< 10
ACENAPHTHYLENE	UG/L	< 100
ANTHRACENE	UG/L	< 100
BENZIDINE	UG/L	< 50
BENZO(A)ANTHRACENE	UG/L	< 50
BENZO(A)PYRENE	UG/L	< 100
BENZO(B)FLUORANTHENE	UG/L	< 100
BENZO(G,H,I)PERYLENE	UG/L	< 50
BENZO(K)FLUORANTHENE	UG/L	< 100
BIS(2-CL-ETHOXY)METHANE	UG/L	< 50
BIS(2-CHLOROETHYL)ETHER	UG/L	< 10
BIS(2-CL-ISOPROPYL)ETHER	UG/L	< 20
DIETHYLHEXYL PHTHALATE	UG/L	25
4-BROMOPHENYL PHENYLEETHER	UG/L	< 50
BUTYLBENZYL PHTHALATE	UG/L	< 100
2-CHLORONAPHTHALENE	UG/L	< 100
4-CHLOROPHENYLPHENYLEETHER	UG/L	< 50
CHRYSENE	UG/L	< 100
DIBENZO(A,H)ANTHRACENE	UG/L	< 100
1,2-DICHLOROBENZENE	UG/L	< 20
1,3-DICHLOROBENZENE	UG/L	< 10
1,4-DICHLOROBENZENE	UG/L	< 10
3,3'-DICHLOROBENZIDINE	UG/L	< 50
DIETHYL PHTHALATE	UG/L	< 20
DIMETHYL PHTHALATE	UG/L	< 20
DI-N-BUTYL PHTHALATE	UG/L	< 100
2,4-DINITROTOLUENE	UG/L	< 50
2,6-DINITROTOLUENE	UG/L	< 50
DI-N-OCTYL PHTHALATE	UG/L	< 100
1,2-DIPHENYLHYDRAZINE	UG/L	< 10
FLUORANTHENE	UG/L	< 10
FLUORENE	UG/L	< 100
HEXACHLOROBENZENE	UG/L	< 10
HEXACHLOROBUTADIENE	UG/L	< 10

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PESTICIDES, PRIORITY POLLUTANTS, ETC.

SAN JOSE CREEK EAST WRP SEMI-ANNUAL RAW INFLUENT
Composite Date and Time - From: 08/04/2003 10:30 To: 08/05/2003 10:30
Sample Location: 1-SJC-RAW Sample Type: RAW Approved By: EG
Requestor: CONWAY Completion Date: 09/17/2003
Sample No: SJ91258

CONSTITUENTS	UNITS	RESULTS
HEXACHLOROCYCLOPENTADIENE	UG/L	< 50
HEXACHLOROETHANE	UG/L	< 10
INDENO(1,2,3-C,D)PYRENE	UG/L	< 100
ISOPHORONE	UG/L	< 10
NAPHTHALENE	UG/L	< 10
NITROBENZENE	UG/L	< 10
N-NITROSODIMETHYLAMINE	UG/L	< 50
N-NITROSODI-N-PROPYLAMINE	UG/L	< 50
PHENANTHRENE	UG/L	< 50
PYRENE	UG/L	< 100
2,3,7,8-TCDD (a)	UG/L	< 0.019
2-CHLOROPHENOL	UG/L	< 50
1,2,4-TRICHLOROBENZENE	UG/L	< 50
2,4-DICHLOROPHENOL	UG/L	< 50
2,4-DIMETHYLPHENOL	UG/L	< 20
2,4-DINITROPHENOL	UG/L	< 50
2-METHYL-4,6DINITROPHENOL	UG/L	< 50
2-NITROPHENOL	UG/L	< 100
4-NITROPHENOL	UG/L	< 100
4-CHLORO-3-METHYLPHENOL	UG/L	< 10
PENTACHLOROPHENOL	UG/L	< 50
PHENOL	UG/L	< 10
2,4,6-TRICHLOROPHENOL	UG/L	< 100
N-NITROSODIPHENYLAMINE	UG/L	< 10

a. SJ91259:- Composite Date and Time - From: 08/04/2003 10:30 To: 08/05/2003 10:30

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT, EAST
MONITORING REPORT
AUGUST 2003

WQCB ORDER NO. 95-079 (NPDES NO. CA0053991)
WQCB ORDER NO. 87-50 (REUSE)
MONITORING AND REPORTING PROGRAMS NOS. 5542 & 6372

PESTICIDES, PRIORITY POLLUTANTS, ETC.

SAN JOSE CREEK EAST WRP SEMI-ANNUAL RAW INFLUENT
Composite Date and Time - From: 08/04/2003 10:30 To: 08/05/2003 10:30
Sample Location: 1-SJC-RAW Sample Type: RAW Approved By: EG
Requestor: CONWAY Completion Date: 09/17/2003
Sample No: SJ91258

CONSTITUENTS	UNITS	RESULTS
TOTAL CYANIDE	MG/L CN	< 0.005
ETHYL PARATHION	UG/L	< 1
DEMETON	UG/L	< 2.5
GUTHION	UG/L	< 10
MALATHION	UG/L	< 1
PP'-DDE	UG/L	< 0.01
PP'-DDD	UG/L	< 0.01
PP'-DDT	UG/L	< 0.01
ALPHA-BHC	UG/L	< 0.01
LINDANE (GAMMA-BHC)	UG/L	< 0.01
HEPTACHLOR	UG/L	< 0.01
HEPTACHLOR EPOXIDE	UG/L	< 0.01
ALDRIN	UG/L	< 0.01
DIELDRIN	UG/L	< 0.01
ENDRIN	UG/L	< 0.01
TOXAPHENE	UG/L	< 0.5
METHOXYCLOR	UG/L	< 0.01
AROCLOR 1242	UG/L	< 0.1
AROCLOR 1254	UG/L	< 0.05
BETA-BHC	UG/L	< 0.01
DELTA-BHC	UG/L	< 0.01
ENDOSULFAN I	UG/L	< 0.01
ENDOSULFAN II	UG/L	< 0.01
ENDOSULFAN SULFATE	UG/L	< 0.1
ENDRIN ALDEHYDE	UG/L	< 0.04
AROCLOR 1016	UG/L	< 0.1
AROCLOR 1221	UG/L	< 0.1
AROCLOR 1232	UG/L	< 0.1
AROCLOR 1248	UG/L	< 0.1
AROCLOR 1260	UG/L	< 0.1
TECHNICAL CHLORDANE	UG/L	< 0.05
MIREX	UG/L	< 0.01
ARSENIC	MG/L	0.0012

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT, EAST
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WQCB ORDER NO. 87-50 (REUSE)
MONITORING AND REPORTING PROGRAMS NOS. 5542 & 6372

PESTICIDES, PRIORITY POLLUTANTS, ETC.

SAN JOSE CREEK EAST WRP SEMI-ANNUAL RAW INFLUENT
Composite Date and Time - From: 08/04/2003 10:30 To: 08/05/2003 10:30
Sample Location: 1-SJC-RAW Sample Type: RAW Approved By: EG
Requestor: CONWAY Completion Date: 09/17/2003
Sample No: SJ91258

CONSTITUENTS	UNITS	RESULTS
BARIUM	MG/L	0.104
CADMIUM	MG/L	0.0004
TOTAL CHROMIUM	MG/L	< 0.01
COPPER	MG/L	0.059
LEAD	MG/L	0.008
MANGANESE	MG/L	0.052
MERCURY	MG/L	0.00032
NICKEL	MG/L	< 0.02
SELENIUM	MG/L	0.0015
SILVER	MG/L	< 0.025
ZINC	MG/L	0.19
ANTIMONY	MG/L	0.0009
BERYLLIUM	MG/L	< 0.0005
THALLIUM	MG/L	< 0.001

**INFLUENT MONITORING DATA
2 ND SEMI-ANNUAL**

San Jose Creek Water Reclamation Plant, West

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT, WEST
MONITORING REPORT
AUGUST 2003

WQCB ORDER NO. 95-079 (NPDES NO. CA0053991)
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MONITORING AND REPORTING PROGRAMS NOS. 5542 & 6372

PESTICIDES, PRIORITY POLLUTANTS, ETC.

SAN JOSE CREEK WEST SEMI-ANNUAL RAW INFLUENT

Grab Date and Time: 08/05/2003 11:15

Sample Location: 1-SJ3-RAW Sample Type: RAW Approved By: EG

Requestor: CONWAY Completion Date: 08/22/2003

Sample No: SJ91269

CONSTITUENTS	UNITS	RESULTS
METHYLENE CHLORIDE	UG/L	0.8
CHLOROFORM	UG/L	2
1,1,1-TRICHLOROETHANE	UG/L	< 0.5
CARBON TETRACHLORIDE	UG/L	< 0.5
1,1-DICHLOROETHENE	UG/L	< 0.5
TRICHLOROETHYLENE	UG/L	< 0.5
TETRACHLOROETHYLENE	UG/L	0.8
BROMODICHLOROMETHANE	UG/L	< 0.5
DIBROMOCHLOROMETHANE	UG/L	< 0.5
BROMOFORM	UG/L	< 0.5
CHLOROBENZENE	UG/L	< 0.5
VINYL CHLORIDE	UG/L	< 0.5
O-DICHLOROBENZENE	UG/L	< 0.5
M-DICHLOROBENZENE	UG/L	< 0.5
P-DICHLOROBENZENE	UG/L	2
1,1-DICHLOROETHANE	UG/L	< 0.5
1,1,2-TRICHLOROETHANE	UG/L	< 0.5
1,2-DICHLOROETHANE	UG/L	< 0.5
BENZENE	UG/L	< 0.5
TOLUENE	UG/L	10
ETHYL BENZENE	UG/L	1
TRANS-1,2-DICHLOROETHYLENE	UG/L	< 0.5
BROMOMETHANE	UG/L	< 0.5
CHLOROETHANE	UG/L	< 0.5
2-CHLOROETHYL VINYL ETHER	UG/L	< 0.5
CHLOROMETHANE	UG/L	< 0.5
1,2-DICHLOROPROPANE	UG/L	< 0.5
CIS-1,3-DICHLOROPROPENE	UG/L	< 0.5
TRANS-1,3-DICHLOROPROPENE	UG/L	< 0.5
1,1,2,2-TETRACHLOROETHANE	UG/L	< 0.5
ACROLEIN	UG/L	< 10
ACRYLONITRILE	UG/L	< 5
METHYL-TERT-BUTYL-ETHER	UG/L	< 0.5

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT, WEST
MONITORING REPORT
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WQCB ORDER NO. 95-079 (NPDES NO. CA0053991)
WQCB ORDER NO. 87-50 (REUSE)
MONITORING AND REPORTING PROGRAMS NOS. 5542 & 6372

PESTICIDES, PRIORITY POLLUTANTS, ETC.

SAN JOSE CREEK WEST SEMI-ANNUAL RAW INFLUENT
Composite Date and Time - From: 08/04/2003 10:00 To: 08/05/2003 10:00
Sample Location: 1-SJ3-RAW Sample Type: RAW Approved By: EG
Requestor: CONWAY Completion Date: 09/17/2003
Sample No: SJ91267

CONSTITUENTS	UNITS	RESULTS
ACENAPHTHENE	UG/L	< 10
ACENAPHTHYLENE	UG/L	< 100
ANTHRACENE	UG/L	< 100
BENZIDINE	UG/L	< 50
BENZO(A)ANTHRACENE	UG/L	< 50
BENZO(A)PYRENE	UG/L	< 100
BENZO(B)FLUORANTHENE	UG/L	< 100
BENZO(G,H,I)PERYLENE	UG/L	< 50
BENZO(K)FLUORANTHENE	UG/L	< 100
BIS(2-CL-ETHOXY)METHANE	UG/L	< 50
BIS(2-CHLOROETHYL)ETHER	UG/L	< 10
BIS(2-CL-ISOPROPYL)ETHER	UG/L	< 20
DIETHYLHEXYL PHTHALATE	UG/L	< 20
4-BROMOPHENYL PHENYLETHER	UG/L	< 50
BUTYLBENZYL PHTHALATE	UG/L	< 100
2-CHLORONAPHTHALENE	UG/L	< 100
4-CHLOROPHENYLPHENYLETHER	UG/L	< 50
CHRYSENE	UG/L	< 100
DIBENZO(A,H)ANTHRACENE	UG/L	< 100
1,2-DICHLOROBENZENE	UG/L	< 20
1,3-DICHLOROBENZENE	UG/L	< 10
1,4-DICHLOROBENZENE	UG/L	< 10
3,3'-DICHLOROBENZIDINE	UG/L	< 50
DIETHYL PHTHALATE	UG/L	< 20
DIMETHYL PHTHALATE	UG/L	< 20
DI-N-BUTYL PHTHALATE	UG/L	< 100
2,4-DINITROTOLUENE	UG/L	< 50
2,6-DINITROTOLUENE	UG/L	< 50
DI-N-OCTYL PHTHALATE	UG/L	< 100
1,2-DIPHENYLHYDRAZINE	UG/L	< 10
FLUORANTHENE	UG/L	< 10
FLUORENE	UG/L	< 100
HEXACHLOROBENZENE	UG/L	< 10

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT, WEST
MONITORING REPORT
AUGUST 2003

WQCB ORDER NO. 95-079 (NPDES NO. CA0053991)
WQCB ORDER NO. 87-50 (REUSE)
MONITORING AND REPORTING PROGRAMS NOS. 5542 & 6372

PESTICIDES, PRIORITY POLLUTANTS, ETC.

SAN JOSE CREEK WEST SEMI-ANNUAL RAW INFLUENT
Composite Date and Time - From: 08/04/2003 10:00 To: 08/05/2003 10:00
Sample Location: 1-SJ3-RAW Sample Type: RAW Approved By: EG
Requestor: CONWAY Completion Date: 09/17/2003
Sample No: SJ91267

CONSTITUENTS	UNITS	RESULTS
HEXACHLOROBUTADIENE	UG/L	< 10
HEXACHLOROCYCLOPENTADIENE	UG/L	< 50
HEXACHLOROETHANE	UG/L	< 10
INDENO(1,2,3-C,D)PYRENE	UG/L	< 100
ISOPHORONE	UG/L	< 10
NAPHTHALENE	UG/L	< 10
NITROBENZENE	UG/L	< 10
N-NITROSODIMETHYLAMINE	UG/L	< 50
N-NITROSODI-N-PROPYLAMINE	UG/L	< 50
PHENANTHRENE	UG/L	< 50
PYRENE	UG/L	< 100
2,3,7,8-TCDD (a)	NG/L	< 0.032
2-CHLOROPHENOL	UG/L	< 50
1,2,4-TRICHLOROBENZENE	UG/L	< 50
2,4-DICHLOROPHENOL	UG/L	< 50
2,4-DIMETHYLPHENOL	UG/L	< 20
2,4-DINITROPHENOL	UG/L	< 50
2-METHYL-4,6DINITROPHENOL	UG/L	< 50
2-NITROPHENOL	UG/L	< 100
4-NITROPHENOL	UG/L	< 100
4-CHLORO-3-METHYLPHENOL	UG/L	< 10
PENTACHLOROPHENOL	UG/L	< 50
PHENOL	UG/L	< 10
2,4,6-TRICHLOROPHENOL	UG/L	< 100
N-NITROSODIPHENYLAMINE	UG/L	< 10

a. SJ91268:- Composite Date and Time - From: 08/04/2003 10:00 To: 08/05/2003 10:00

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT, WEST
MONITORING REPORT
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WQCB ORDER NO. 95-079 (NPDES NO. CA0053991)
WQCB ORDER NO. 87-50 (REUSE)
MONITORING AND REPORTING PROGRAMS NOS. 5542 & 6372

PESTICIDES, PRIORITY POLLUTANTS, ETC.

SAN JOSE CREEK WEST SEMI-ANNUAL RAW INFLUENT
Composite Date and Time - From: 08/04/2003 10:00 To: 08/05/2003 10:00
Sample Location: 1-SJ3-RAW Sample Type: RAW Approved By: EG
Requestor: CONWAY Completion Date: 09/17/2003
Sample No: SJ91267

CONSTITUENTS	UNITS	RESULTS
TOTAL CYANIDE	MG/L CN	< 0.005
ETHYL PARATHION	UG/L	< 1
DEMETON	UG/L	< 2.5
GUTHION	UG/L	< 10
MALATHION	UG/L	< 1
PP'-DDE	UG/L	< 0.01
PP'-DDD	UG/L	< 0.01
PP'-DDT	UG/L	< 0.01
ALPHA-BHC	UG/L	< 0.01
LINDANE (GAMMA-BHC)	UG/L	< 0.01
HEPTACHLOR	UG/L	< 0.01
HEPTACHLOR EPOXIDE	UG/L	< 0.01
ALDRIN	UG/L	< 0.01
DIELDRIN	UG/L	< 0.01
ENDRIN	UG/L	< 0.01
TOXAPHENE	UG/L	< 0.5
METHOXYCLOR	UG/L	< 0.01
AROCLOR 1242	UG/L	< 0.1
AROCLOR 1254	UG/L	< 0.05
BETA-BHC	UG/L	< 0.01
DELTA-BHC	UG/L	< 0.01
ENDOSULFAN I	UG/L	< 0.01
ENDOSULFAN II	UG/L	< 0.01
ENDOSULFAN SULFATE	UG/L	< 0.1
ENDRIN ALDEHYDE	UG/L	< 0.04
AROCLOR 1016	UG/L	< 0.1
AROCLOR 1221	UG/L	< 0.1
AROCLOR 1232	UG/L	< 0.1
AROCLOR 1248	UG/L	< 0.1
AROCLOR 1260	UG/L	< 0.1
TECHNICAL CHLORDANE	UG/L	< 0.05
MIREX	UG/L	< 0.01
ARSENIC	MG/L	0.0010

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT, WEST
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WQCB ORDER NO. 95-079 (NPDES NO. CA0053991)
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MONITORING AND REPORTING PROGRAMS NOS. 5542 & 6372

PESTICIDES, PRIORITY POLLUTANTS, ETC.

SAN JOSE CREEK WEST SEMI-ANNUAL RAW INFLUENT
Composite Date and Time - From: 08/04/2003 10:00 To: 08/05/2003 10:00
Sample Location: 1-SJ3-RAW Sample Type: RAW Approved By: EG
Requestor: CONWAY Completion Date: 09/17/2003
Sample No: SJ91267

CONSTITUENTS	UNITS	RESULTS
BARIUM	MG/L	0.067
CADMIUM	MG/L	< 0.0004
TOTAL CHROMIUM	MG/L	0.017
COPPER	MG/L	0.09
LEAD	MG/L	0.007
MANGANESE	MG/L	0.024
MERCURY	MG/L	0.00023
NICKEL	MG/L	< 0.02
SELENIUM	MG/L	0.0010
SILVER	MG/L	< 0.025
ZINC	MG/L	0.174
ANTIMONY	MG/L	0.0010
BERYLLIUM	MG/L	< 0.0005
THALLIUM	MG/L	< 0.001

**EFFLUENT MONITORING DATA
2 ND SEMI-ANNUAL**

San Jose Creek Water Reclamation Plant, East

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT, EAST
MONITORING REPORT
AUGUST 2003

WQCB ORDER NO. 95-079 (NPDES NO. CA0053991)
WQCB ORDER NO. 87-50 (REUSE)
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PESTICIDES, PRIORITY POLLUTANTS, ETC.

SAN JOSE CREEK EAST WRP SEMI-ANNUAL FINAL EFFLUENT

Grab Date and Time: 08/05/2003 10:15

Sample Location: 1-SJC-FBAY Sample Type: FIN Approved By: EG

Requestor: CONWAY Completion Date: 08/19/2003

Sample No: SJ91261

CONSTITUENT	UNIT	FINAL EFFLUENT	RL ⁽¹⁾	PERFORMANCE GOALS
				(DAILY MAXIMUM)
Methylene Chloride	ug/L	< 0.5	0.5	6
Sum of Halomethanes:	ug/L	13		
Chloroform	ug/L	8	0.5	9
Bromodichloromethane	ug/L	4	0.5	2.5
Dibromochloromethane	ug/L	1	0.5	2.5
Bromoform	ug/L	< 0.5	0.5	2.5
Methyl Bromide	ug/L	< 0.5	0.5	3
Methyl Chloride(Chloromethane)	ug/L	< 0.5	0.5	2.5
1,1,1-Trichloroethane	ug/L	< 0.5	0.5	5
Carbon Tetrachloride	ug/L	< 0.5	0.5	2.5
1,1-Dichloroethylene	ug/L	< 0.5	0.5	5
Trichloroethylene	ug/L	< 0.5	0.5	2.5
Tetrachloroethylene	ug/L	< 0.5	0.5	2.5
Chlorobenzene	ug/L	< 0.5	0.5	5
Vinyl Chloride	ug/L	< 0.5	0.5	2.5
o-Dichlorobenzene	ug/L	< 0.5	0.5	5
m-Dichlorobenzene	ug/L	< 0.5	0.5	5
p-Dichlorobenzene	ug/L	< 0.5	0.5	2.5
1,1-Dichloroethane	ug/L	< 0.5	0.5	5
1,1,2-Trichloroethane	ug/L	< 0.5	0.5	2.5
1,2-Dichloroethane	ug/L	< 0.5	0.5	2.5
Benzene	ug/L	< 0.5	0.5	2.5
Toluene	ug/L	< 0.5	0.5	5
Ethylbenzene	ug/L	< 0.5	0.5	5
1,2-Trans-Dichloroethylene	ug/L	< 0.5	0.5	5
Chloroethane	ug/L	< 0.5	0.5	2.5
2-Chloroethylvinyl Ether	ug/L	< 0.5	0.5	5
1,2-Dichloropropane	ug/L	< 0.5	0.5	2.5
1,3-Dichloropropylene(Cis-1,3-Dichloropropene)	ug/L	< 0.5	0.5	2.5
Trans-1,3-Dichloropropene	ug/L	< 0.5	0.5	2.5
1,1,2,2-Tetrachloroethane	ug/L	< 0.5	0.5	5
Acrolein	ug/L	< 10	10	100
Acrylonitrile	ug/L	< 5	5	25
Methyl-tert-butyl-ether	ug/L	< 0.5	0.5	2.5
2,3,6-trichlorophenol (a)	ug/L	< 5		
2,4,5-trichlorophenol (a)	ug/L	< 5		
3,4,5-trichlorophenol (a)	ug/L	< 5		
2,3,4-trichlorophenol (a)	ug/L	< 5		

(1) The reporting level (RL) is subject to change based on the laboratory conducting the analyses. This is the Districts' reporting limit for the pollutant. These have been used historically by the Districts to calculate the Practical Quantitation Limits (PQLs), which have been used to calculate performance goals for priority pollutants that do not have statistically based performance goals.

a. SJ91255:- Composite Date and Time - From: 08/04/2003 10:00 To: 08/05/2003 10:00

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT, EAST
MONITORING REPORT
AUGUST 2003

WQCB ORDER NO. 95-079 (NPDES NO. CA0053991)
WQCB ORDER NO. 87-50 (REUSE)
MONITORING AND REPORTING PROGRAMS NOS. 5542 & 6372

PESTICIDES, PRIORITY POLLUTANTS, ETC.

SAN JOSE CREEK EAST WRP SEMI-ANNUAL FINAL EFFLUENT
Composite Date and Time - From: 08/04/2003 10:00 To: 08/05/2003 10:00
Sample Location: 1-SJC-FBAY Sample Type: FIN Approved By: EG
Requestor: CONWAY Completion Date: 09/19/2003
Sample No: SJ91255

CONSTITUENT	UNIT	FINAL EFFLUENT	RL ⁽¹⁾	PERFORMANCE GOALS
				(DAILY MAXIMUM)
Acenaphthene	ug/L	< 1	1	10
Total PAHs:	ug/L	ND		
Acenaphthylene	ug/L	< 10	10	50
Anthracene	ug/L	< 10	10	50
Benzo(A)Anthracene	ug/L	< 5	5	25
Benzo(A)Pyrene	ug/L	< 0.020	0.020	0.100
Benzo(B)Fluoranthene	ug/L	< 0.02	0.02	0.100
Benzo(GHI)Perylene	ug/L	< 5	5	25
Benzo(K)Fluoranthene	ug/L	< 0.02	0.02	0.100
Chrysene	ug/L	< 0.020	0.020	0.100
Dibenzo(A,H)Anthracene	ug/L	< 0.020	0.020	0.1
Fluorene	ug/L	< 10	10	50
Indeno(1,2,3-CD)Pyrene	ug/L	0.022	0.02	0.1
Phenanthrene	ug/L	< 5	5	25
Pyrene	ug/L	< 10	10	50
Benzidine	ug/L	< 5	5	25
Bis(2-Chloroethoxy)Methane	ug/L	< 5	5	50
Bis(2-Chloroethyl)Ether	ug/L	< 1	1	5
Bis(2-Chloroisopropyl)Ether	ug/L	< 2	2	10
Bis(2-Ethylhexyl)Phthalate(Diethylhexyl Phthalate)	ug/L	< 2	2	10
4-BromoPhenyl Phenyl Ether	ug/L	< 5	5	50
Butyl Benzyl Phthalate	ug/L	< 10	10	100
2-Chloronaphthalene	ug/L	< 10	10	100
4-ChloroPhenyl Phenyl Ether	ug/L	< 5	5	50
1,2-Dichlorobenzene	ug/L	< 2	2	20
1,3-Dichlorobenzene	ug/L	< 1	1	10
1,4-Dichlorobenzene	ug/L	< 1	1	5
3,3-Dichlorobenzidine	ug/L	< 5	5	25
Diethyl Phthalate	ug/L	< 2	2	20
Dimethyl Phthalate	ug/L	< 2	2	20
Di-N-Butyl Phthalate	ug/L	< 10	10	100
2,4-Dinitrotoluene	ug/L	< 5	5	25
2,6-Dinitrotoluene	ug/L	< 5	5	50
Di-N-Octyl Phthalate	ug/L	< 10	10	100
1,2-Diphenylhydrazine	ug/L	< 1	1	5
Fluoranthene	ug/L	< 1	1	10
Hexachlorobenzene	ug/L	< 1	1	5
Hexachlorobutadiene	ug/L	< 1	1	5
Hexachlorocyclopentadiene	ug/L	< 5	5	50

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT, EAST
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WQCB ORDER NO. 95-079 (NPDES NO. CA0053991)
WQCB ORDER NO. 87-50 (REUSE)
MONITORING AND REPORTING PROGRAMS NOS. 5542 & 6372

PESTICIDES, PRIORITY POLLUTANTS, ETC.

SAN JOSE CREEK EAST WRP SEMI-ANNUAL FINAL EFFLUENT
Composite Date and Time - From: 08/04/2003 10:00 To: 08/05/2003 10:00
Sample Location: 1-SJC-FBAY Sample Type: FIN Approved By: EG
Requestor: CONWAY Completion Date: 09/19/2003
Sample No: SJ91255

CONSTITUENT	UNIT	FINAL EFFLUENT	RL ⁽¹⁾	PERFORMANCE GOALS
				(DAILY MAXIMUM)
Hexachloroethane	ug/L	< 1	1	5
Isophorone	ug/L	< 1	1	10
Naphthalene	ug/L	< 1	1	10
Nitrobenzene	ug/L	< 1	1	10
N-Nitrosodimethylamine (a)	ug/L	< 1	1	5
N-Nitrosodi-N-Propylamine	ug/L	< 5	5	50
2,3,7,8-TCDD (a)	ng/L	< 0.0044	0.0044	0.022
2-Chlorophenol	ug/L	< 5	5	50
1,2,4-Trichlorobenzene	ug/L	< 5	5	50
2,4-Dichlorophenol	ug/L	< 5	5	50
2,4-Dimethylphenol	ug/L	< 2	2	20
2,4-Dinitrophenol	ug/L	< 5	5	50
4,6-Dinitro-2-Methylphenol	ug/L	< 5	5	50
2-Nitrophenol	ug/L	< 10	10	100
4-Nitrophenol	ug/L	< 10	10	100
3-Methyl-4-Chlorophenol	ug/L	< 1	1	10
Pentachlorophenol	ug/L	< 1	1	5
Phenol	ug/L	< 1	1	10
2,4,6-Trichlorophenol	ug/L	< 10	10	50
N-Nitrosodiphenylamine	ug/L	< 1	1	5

(1) The reporting level (RL) is subject to change based on the laboratory conducting the analyses. This is the Districts' reporting limit for the pollutant. These have been used historically by the Districts to calculate the Practical Quantitation Limits (PQLs), which have been used to calculate performance goals for priority pollutants that do not have statistically based performance goals.

ND = Not Detected

a. SJ91256:-Compsiten Sample Date and Time From: 08/04/2003 10:00 to 08/05/2003 10:00

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT, EAST
MONITORING REPORT
AUGUST 2003

WQCB ORDER NO. 95-079 (NPDES NO. CA0053991)
WQCB ORDER NO. 87-50 (REUSE)
MONITORING AND REPORTING PROGRAMS NOS. 5542 & 6372

PESTICIDES, PRIORITY POLLUTANTS, ETC.

SAN JOSE CREEK EAST WRP SEMI-ANNUAL FINAL EFFLUENT
Composite Date and Time - From: 08/04/2003 10:00 To: 08/05/2003 10:00
Sample Location: 1-SJC-FBAY Sample Type: FIN Approved By: EG
Requestor: CONWAY Completion Date: 09/19/2003
Sample No: SJ91255

CONSTITUENT	UNIT	FINAL EFFLUENT	DISCHARGE LIMITS		RL ⁽¹⁾	PERFORMANCE GOALS
			(30-DAY AVERAGE)	(lbs/day)		(DAILY MAXIMUM)
Flow (001 & 002) ⁽²⁾	MGD	50.89				
Ethyl Parathion	ug/L	< 0.20				
Demeton	ug/L	< 1.0				
Guthion	ug/L	< 2.0				
Malathion	ug/L	< 0.20				
Tritium (a)	pci/L	NC	20000 ⁽³⁾			
Radon (b)	pci/L	< 50				
Strontium - 90 (a)	pci/L	NC	8 ⁽³⁾			
Uranium (a)	pci/L	NC				
Radium 226 + 228 (a)	pci/L	NC				
Cyanide (a) (b)	mg/L	< 0.005	0.0052		0.005	0.05
	lbs/day	< 2		2.71		
Phenols	mg/L	< 0.013				0.02
Gross Alpha Radioactivity (a)	pci/L	NC				
Gross Beta Radioactivity (a)	pci/L	NC	50 ⁽³⁾			
Total Organic Carbon (c)	mg/L	7.80				
Total Detectable DDTs:	ug/L	ND				
OP'-DDE	ug/L	< 0.01			0.01	0.1
PP'-DDE	ug/L	< 0.01			0.01	0.1
OP'-DDD	ug/L	< 0.01			0.01	0.1
PP'-DDD	ug/L	< 0.01			0.01	0.1
OP'-DDT	ug/L	< 0.01			0.01	0.1
PP'-DDT	ug/L	< 0.01			0.01	0.1
Alpha-BHC	ug/L	< 0.01			0.01	0.05
Gamma-BHC(Lindane)	ug/L	< 0.01			0.01	0.05
Heptachlor	ug/L	< 0.01			0.01	0.1
Heptachlor Epoxide	ug/L	< 0.01			0.01	0.1
Aldrin	ug/L	< 0.01			0.01	0.1
Dieldrin	ug/L	< 0.01			0.01	0.1
Total Endrins:	ug/L	ND				
Endrin	ug/L	< 0.01			0.01	0.1
Endrin aldehyde	ug/L	< 0.04			0.04	0.4
Toxaphene	ug/L	< 0.5			0.5	2.5
Total Detectable PCBs:	ug/L	ND				
Aroclor 1242	ug/L	< 0.1			0.1	0.5
Aroclor 1254	ug/L	< 0.05			0.05	0.25
Aroclor 1016	ug/L	< 0.1			0.1	0.5
Aroclor 1221	ug/L	< 0.1			0.1	0.5
Aroclor 1232	ug/L	< 0.1			0.1	0.5
Aroclor 1248	ug/L	< 0.1			0.1	0.5
Aroclor 1260	ug/L	< 0.1			0.1	0.5

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT, EAST
MONITORING REPORT
AUGUST 2003

WQCB ORDER NO. 95-079 (NPDES NO. CA0053991)
WQCB ORDER NO. 87-50 (REUSE)
MONITORING AND REPORTING PROGRAMS NOS. 5542 & 6372

PESTICIDES, PRIORITY POLLUTANTS, ETC.

SAN JOSE CREEK EAST WRP SEMI-ANNUAL FINAL EFFLUENT
Composite Date and Time - From: 08/04/2003 10:00 To: 08/05/2003 10:00
Sample Location: 1-SJC-FBAY Sample Type: FIN Approved By: EG
Requestor: CONWAY Completion Date: 09/19/2003
Sample No: SJ91255

CONSTITUENT	UNIT	FINAL EFFLUENT	DISCHARGE LIMITS (30-DAY AVERAGE)		RL ⁽¹⁾	PERFORMANCE GOALS (DAILY MAXIMUM)
				(lbs/day)		
TICH	ug/L	ND				
Beta-BHC	ug/L	< 0.01			0.01	0.05
Delta-BHC	ug/L	< 0.01			0.01	0.05
Total Endosulfans:	ug/L	ND				
Alpha-Endosulfan	ug/L	< 0.01			0.01	0.1
Beta-Endosulfan	ug/L	< 0.01			0.01	0.1
Endosulfan Sulfate	ug/L	< 0.1			0.1	1
Chlordane	ug/L	< 0.05			0.05	0.5
Mirex	ug/L	< 0.01				
Calcium	mg/L	46.9				
Magnesium	mg/L	17.5				
Arsenic	mg/L	< 0.001	0.05		0.001	0.004
	lbs/day	< 0.4		26		
Barium	mg/L	0.034	1		0.0025	
	lbs/day	14		521		
Cadmium	mg/L	< 0.0004	0.005		0.0004	0.004
	lbs/day	< 0.2		2.61		
Total Chromium	mg/L	< 0.01	0.05		0.01	0.02
	lbs/day	< 4		26		
Hexavalent chromium (c)	ug/L	< 0.01				
Copper	mg/L	< 0.008			0.008	0.04
Iron	mg/L	0.097				
Lead	mg/L	< 0.02	0.05		0.02	0.03
	lbs/day	< 8.5		26		
Manganese	mg/L	0.025			0.016	
Mercury	mg/L	< 0.00004	0.002		0.00004	0.0004
	lbs/day	< 0.02		1.04		
Nickel	mg/L	< 0.02	0.1		0.02	0.04
	lbs/day	< 8.5		52		
Potassium	mg/L	13.8				
Selenium	mg/L	< 0.001	0.05		0.001	0.01
	lbs/day	< 0.4		26		
Silver	mg/L	< 0.00020	0.05		0.00020	0.02
	lbs/day	< 85		26		
Zinc	mg/L	0.059	5		0.01	1
	lbs/day	25		2606		

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT, EAST
MONITORING REPORT
AUGUST 2003

WQCB ORDER NO. 95-079 (NPDES NO. CA0053991)
WQCB ORDER NO. 87-50 (REUSE)
MONITORING AND REPORTING PROGRAMS NOS. 5542 & 6372

PESTICIDES, PRIORITY POLLUTANTS, ETC.

SAN JOSE CREEK EAST WRP SEMI-ANNUAL FINAL EFFLUENT
Composite Date and Time - From: 08/04/2003 10:00 To: 08/05/2003 10:00
Sample Location: 1-SJC-FBAY Sample Type: FIN Approved By: EG
Requestor: CONWAY Completion Date: 09/19/2003
Sample No: SJ91255

CONSTITUENT	UNIT	FINAL EFFLUENT	DISCHARGE LIMITS (30-DAY AVERAGE)		RL ⁽¹⁾	PERFORMANCE GOALS (DAILY MAXIMUM)
				(lbs/day)		
Antimony	mg/L	0.0005	0.006		0.0005	0.005
	lbs/day	0.2		3.13		
Beryllium	mg/L	< 0.0005			0.0005	0.0025
Thallium	mg/L	< 0.001			0.001	0.01

(1) The reporting level (RL) is subject to change based on the laboratory conducting the analyses. This is the Districts' reporting limit for the pollutant. These have been used historically by the Districts to calculate the Practical Quantitation Limits (PQLs), which have been used to calculate performance goals for priority pollutants that do not have statistically based performance goals.

(2) Mass Emission Limits are determined based on the monthly average flow through the outfall(s) named in the permit.

(3) Limit based on Maximum Contaminant Level specified in Title 22, Chapter 15, Article 5, Section 64443 of the California Code of Regulation.

NC = Not Completed ND = Not Detected

a. SJ91257:- Composite Date and Time - From: 08/04/2003 10:00 To: 08/05/2003 10:00

b. SJ91263:- Grab Date and Time: 08/05/2003 10:15

c. SJ91261:-Grab Date and Time: 08/05/2003 10:15

**EFFLUENT MONITORING DATA
2 ND SEMI-ANNUAL**

San Jose Creek Water Reclamation Plant, West

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT, WEST
MONITORING REPORT
AUGUST 2003

WQCB ORDER NO. 95-079 (NPDES NO. CA0053991)
WQCB ORDER NO. 87-50 (REUSE)
MONITORING AND REPORTING PROGRAMS NOS. 5542 & 6372

PESTICIDES, PRIORITY POLLUTANTS, ETC.

SAN JOSE CREEK WEST WRP SEMI-ANNUAL FINAL EFFLUENT

Grab Date and Time: 08/05/2003 09:50

Sample Location: 1-SJ3-FBAY Sample Type: FIN Approved By: EG

Requestor: CONWAY Completion Date: 08/19/2003

Sample No: SJ91270

CONSTITUENT	UNIT	FINAL EFFLUENT	RL ⁽¹⁾	PERFORMANCE GOALS
				(DAILY MAXIMUM)
Methylene Chloride	ug/L	< 0.5	0.5	6
Sum of Halomethanes:	ug/L	10		
Chloroform	ug/L	8	0.5	9
Bromodichloromethane	ug/L	2	0.5	2.5
Dibromochloromethane	ug/L	< 0.5	0.5	2.5
Bromoform	ug/L	< 0.5	0.5	2.5
Methyl Bromide	ug/L	< 0.5	0.5	2.5
Methyl Chloride(Chloromethane)	ug/L	< 0.5	0.5	2.5
1,1,1-Trichloroethane	ug/L	< 0.5	0.5	5
Carbon Tetrachloride	ug/L	< 0.5	0.5	2.5
1,1-Dichloroethylene	ug/L	< 0.5	0.5	5
Trichloroethylene	ug/L	< 0.5	0.5	2.5
Tetrachloroethylene	ug/L	< 0.5	0.5	2.5
Chlorobenzene	ug/L	< 0.5	0.5	5
Vinyl Chloride	ug/L	< 0.5	0.5	2.5
o-Dichlorobenzene	ug/L	< 0.5	0.5	5
m-Dichlorobenzene	ug/L	< 0.5	0.5	5
p-Dichlorobenzene	ug/L	0.6	0.5	2.5
1,1-Dichloroethane	ug/L	< 0.5	0.5	5
1,1,2-Trichloroethane	ug/L	< 0.5	0.5	2.5
1,2-Dichloroethane	ug/L	< 0.5	0.5	2.5
Benzene	ug/L	< 0.5	0.5	2.5
Toluene	ug/L	< 0.5	0.5	5
Ethylbenzene	ug/L	< 0.5	0.5	5
1,2-Trans-Dichloroethylene	ug/L	< 0.5	0.5	5
Chloroethane	ug/L	< 0.5	0.5	2.5
2-Chloroethylvinyl Ether	ug/L	< 0.5	0.5	5
1,2-Dichloropropane	ug/L	< 0.5	0.5	2.5
1,3-Dichloropropylene(Cis-1,3-Dichloropropene)	ug/L	< 0.5	0.5	2.5
Trans-1,3-Dichloropropene	ug/L	< 0.5	0.5	2.5
1,1,2,2-Tetrachloroethane	ug/L	< 0.5	0.5	5
Acrolein	ug/L	< 10	10	100
Acrylonitrile	ug/L	< 5	5	25
Methyl-tert-butyl-ether	ug/L	< 0.5	0.5	2.5
2,3,6-trichlorophenol (a)	ug/L	< 5		
2,4,5-trichlorophenol (a)	ug/L	< 5		
3,4,5-trichlorophenol (a)	ug/L	< 5		
2,3,4-trichlorophenol (a)	ug/L	< 5		

(1) The reporting level (RL) is subject to change based on the laboratory conducting the analyses. This is the Districts' reporting limit for the pollutant. These have been used historically by the Districts to calculate the Practical Quantitation Limits (PQLs), which have been used to calculate performance goals for priority pollutants that do not have statistically based performance goals.

a. SJ91264:- Composite Date and Time - From: 08/04/2003 10:00 To: 08/05/2003 10:00

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT, WEST
MONITORING REPORT
AUGUST 2003

WQCB ORDER NO. 95-079 (NPDES NO. CA0053991)
WQCB ORDER NO. 87-50 (REUSE)
MONITORING AND REPORTING PROGRAMS NOS. 5542 & 6372

PESTICIDES, PRIORITY POLLUTANTS, ETC.

SAN JOSE CREEK WEST WRP SEMI-ANNUAL FINAL EFFLUENT
Composite Date and Time - From: 08/04/2003 10:00 To: 08/05/2003 10:00
Sample Location: 1-SJ3-FBAY Sample Type: FIN Approved By: MP
Requestor: CONWAY Completion Date: 10/07/2003
Sample No: SJ91264

CONSTITUENT	UNIT	FINAL EFFLUENT	RL ⁽¹⁾	PERFORMANCE GOALS
				(DAILY MAXIMUM)
Acenaphthene	ug/L	< 1	1	10
Total PAHs:	ug/L	ND		
Acenaphthylene	ug/L	< 10	10	50
Anthracene	ug/L	< 10	10	50
Benzo(A)Anthracene	ug/L	< 5	5	25
Benzo(A)Pyrene	ug/L	< 0.02	0.02	0.1
Benzo(B)Fluoranthene	ug/L	< 0.02	0.02	0.1
Benzo(GHI)Perylene	ug/L	< 5	5	25
Benzo(K)Fluoranthene	ug/L	< 0.02	0.02	0.100
Chrysene	ug/L	< 0.020	0.020	0.1
Dibenzo(A,H)Anthracene	ug/L	< 0.020	0.020	0.100
Fluorene	ug/L	< 10	10	50
Indeno(1,2,3-CD)Pyrene	ug/L	0.026	0.02	0.1
Phenanthrene	ug/L	< 5	5	25
Pyrene	ug/L	< 10	10	50
Benzidine	ug/L	< 5	5	25
Bis(2-Chloroethoxy)Methane	ug/L	< 5	5	50
Bis(2-Chloroethyl)Ether	ug/L	< 1	1	5
Bis(2-Chloroisopropyl)Ether	ug/L	< 2	2	10
Bis(2-Ethylhexyl)Phthalate(Diethylhexyl Phthalate)	ug/L	< 2	2	10
4-BromoPhenyl Phenyl Ether	ug/L	< 5	5	50
Butyl Benzyl Phthalate	ug/L	< 10	10	100
2-Chloronaphthalene	ug/L	< 10	10	100
4-ChloroPhenyl Phenyl Ether	ug/L	< 5	5	50
1,2-Dichlorobenzene	ug/L	< 2	2	20
1,3-Dichlorobenzene	ug/L	< 1	1	10
1,4-Dichlorobenzene	ug/L	< 1	1	5
3,3-Dichlorobenzidine	ug/L	< 5	5	25
Diethyl Phthalate	ug/L	< 2	2	20
Dimethyl Phthalate	ug/L	< 2	2	20
Di-N-Butyl Phthalate	ug/L	< 10	10	100
2,4-Dinitrotoluene	ug/L	< 5	5	25
2,6-Dinitrotoluene	ug/L	< 5	5	50
Di-N-Octyl Phthalate	ug/L	< 10	10	100
1,2-Diphenylhydrazine	ug/L	< 1	1	5
Fluoranthene	ug/L	< 1	1	10
Hexachlorobenzene	ug/L	< 1	1	5
Hexachlorobutadiene	ug/L	< 1	1	5
Hexachlorocyclopentadiene	ug/L	< 5	5	50
Hexachloroethane	ug/L	< 1	1	5
Isophorone	ug/L	< 1	1	10
Naphthalene	ug/L	< 1	1	10
Nitrobenzene	ug/L	< 1	1	10
N-Nitrosodimethylamine (a)	ug/L	< 5	5	25

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT, WEST
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WQCB ORDER NO. 87-50 (REUSE)
MONITORING AND REPORTING PROGRAMS NOS. 5542 & 6372

PESTICIDES, PRIORITY POLLUTANTS, ETC.

SAN JOSE CREEK WEST WRP SEMI-ANNUAL FINAL EFFLUENT
Composite Date and Time - From: 08/04/2003 10:00 To: 08/05/2003 10:00
Sample Location: 1-SJ3-FBAY Sample Type: FIN Approved By: MP
Requestor: CONWAY Completion Date: 10/07/2003
Sample No: SJ91264

CONSTITUENT	UNIT	FINAL EFFLUENT	RL ⁽¹⁾	PERFORMANCE GOALS
				(DAILY MAXIMUM)
N-Nitrosodi-N-Propylamine	ug/L	< 5	5	50
2,3,7,8-TCDD (a)	ng/L	< 0.004	0.004	0.02
2-Chlorophenol	ug/L	< 5	5	50
1,2,4-Trichlorobenzene	ug/L	< 5	5	50
2,4-Dichlorophenol	ug/L	< 5	5	50
2,4-Dimethylphenol	ug/L	< 2	2	20
2,4-Dinitrophenol	ug/L	< 5	5	50
4,6-Dinitro-2-Methylphenol	ug/L	< 5	5	50
2-Nitrophenol	ug/L	< 10	10	100
4-Nitrophenol	ug/L	< 10	10	100
3-Methyl-4-Chlorophenol	ug/L	< 1	1	10
Pentachlorophenol	ug/L	< 1	1	5
Phenol	ug/L	< 1	1	10
2,4,6-Trichlorophenol	ug/L	< 10	10	50
N-Nitrosodiphenylamine	ug/L	< 1	1	5

(1) The reporting level (RL) is subject to change based on the laboratory conducting the analyses. This is the Districts' reporting limit for the pollutant. These have been used historically by the Districts to calculate the Practical Quantitation Limits (PQLs), which have been used to calculate performance goals for priority pollutants that do not have statistically based performance goals.

ND = Not Detected

a. SJ91265:-Compsiten Sample Date and Time From: 08/04/2003 10:00 to 08/05/2003 10:00

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT, WEST
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WQCB ORDER NO. 95-079 (NPDES NO. CA0053991)
WQCB ORDER NO. 87-50 (REUSE)
MONITORING AND REPORTING PROGRAMS NOS. 5542 & 6372

PESTICIDES, PRIORITY POLLUTANTS, ETC.

SAN JOSE CREEK WEST WRP SEMI-ANNUAL FINAL EFFLUENT
Composite Date and Time - From: 08/04/2003 10:00 To: 08/05/2003 10:00
Sample Location: 1-SJ3-FBAY Sample Type: FIN Approved By: MP
Requestor: CONWAY Completion Date: 10/07/2003
Sample No: SJ91264

CONSTITUENT	UNIT	FINAL EFFLUENT	DISCHARGE LIMITS (30-DAY AVERAGE)		RL ⁽¹⁾	PERFORMANCE GOALS (DAILY MAXIMUM)
				(lbs/day)		
Flow (001 & 003) ⁽²⁾	MGD	23.74				
Ethyl Parathion	ug/L	< 0.2				
Demeton	ug/L	< 1.0				
Guthion	ug/L	< 2.0				
Malathion	ug/L	< 0.20				
Tritium (a)	pci/L	NC	20000 ⁽³⁾			
Strontium - 90 (a)	pci/L	NC	8 ⁽³⁾			
Uranium (a)	pci/L	NC				
Radium 226 + 228 (a)	pci/L	NC				
Cyanide	mg/L	< 0.005	0.0052		0.005	0.05
	lbs/day	< 1.0		1.69		
Phenols	mg/L	0.066				0.02
Gross Alpha Radioactivity (a)	pci/L	NC				
Gross Beta Radioactivity (a)	pci/L	NC	50 ⁽³⁾			
Total Organic Carbon (a)	mg/L	5.52				
Total Detectable DDTs:	ug/L	ND				
PP'-DDE	ug/L	< 0.01			0.01	0.1
PP'-DDD	ug/L	< 0.01			0.01	0.1
PP'-DDT	ug/L	< 0.01			0.01	0.1
Alpha-BHC	ug/L	< 0.01			0.01	0.1
Gamma-BHC(Lindane)	ug/L	< 0.01			0.01	0.1
Heptachlor	ug/L	< 0.01			0.01	0.1
Heptachlor Epoxide	ug/L	< 0.01			0.01	0.1
Aldrin	ug/L	< 0.01			0.01	0.1
Dieldrin	ug/L	< 0.01			0.01	0.1
Total Endrins:	ug/L	ND				
Endrin	ug/L	< 0.01			0.01	0.1
Endrin aldehyde	ug/L	< 0.04			0.04	0.4
Toxaphene	ug/L	< 0.5			0.5	2.5
Total Detectable PCBs:	ug/L	ND				
Aroclor 1242	ug/L	< 0.1			0.1	0.5
Aroclor 1254	ug/L	< 0.05			0.05	0.3
Aroclor 1016	ug/L	< 0.1			0.1	0.5
Aroclor 1221	ug/L	< 0.1			0.1	0.5
Aroclor 1232	ug/L	< 0.1			0.1	0.5
Aroclor 1248	ug/L	< 0.1			0.1	0.5
Aroclor 1260	ug/L	< 0.1			0.1	0.5
TICH	ug/L	ND				
Beta-BHC	ug/L	< 0.01			0.01	0.05
Delta-BHC	ug/L	< 0.01			0.01	0.05
Total Endosulfans:	ug/L	ND				
Alpha-Endosulfan	ug/L	< 0.01			0.01	0.1
Beta-Endosulfan	ug/L	< 0.01			0.01	0.1
Endosulfan Sulfate	ug/L	< 0.1			0.1	1

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT, WEST
MONITORING REPORT
AUGUST 2003

WQCB ORDER NO. 95-079 (NPDES NO. CA0053991)
WQCB ORDER NO. 87-50 (REUSE)
MONITORING AND REPORTING PROGRAMS NOS. 5542 & 6372

PESTICIDES, PRIORITY POLLUTANTS, ETC.

SAN JOSE CREEK WEST WRP SEMI-ANNUAL FINAL EFFLUENT
Composite Date and Time - From: 08/04/2003 10:00 To: 08/05/2003 10:00
Sample Location: 1-SJ3-FBAY Sample Type: FIN Approved By: MP
Requestor: CONWAY Completion Date: 10/07/2003
Sample No: SJ91264

CONSTITUENT	UNIT	FINAL EFFLUENT	DISCHARGE LIMITS (30-DAY AVERAGE)		RL ⁽¹⁾	PERFORMANCE GOALS (DAILY MAXIMUM)
				(lbs/day)		
Chlordane	ug/L	< 0.05			0.05	0.5
Mirex	ug/L	< 0.01				
Calcium	mg/L	47.1				
Magnesium	mg/L	14.4				
Arsenic	mg/L	< 0.001	0.05		0.001	0.004
	lbs/day	< 0.2		15.6		
Barium	mg/L	0.023	1		0.01	
	lbs/day	4.6		312.8		
Cadmium	mg/L	< 0.0004	0.005		0.0004	0.004
	lbs/day	< 0.08		1.6		
Total Chromium	mg/L	< 0.01	0.05		0.01	0.02
	lbs/day	< 2		15.6		
Copper	mg/L	< 0.008			0.008	0.04
Iron	mg/L	< 0.050				
Lead	mg/L	< 0.002	0.05		0.002	0.03
	lbs/day	< 0.4		15.6		
Manganese	mg/L	0.009			0.016	
Mercury	mg/L	< 0.00004	0.002		0.00004	0.0004
	lbs/day	< 0.008		0.6		
Nickel	mg/L	< 0.02	0.1		0.02	0.04
	lbs/day	< 4		31.3		
Potassium	mg/L	12.2				
Selenium	mg/L	< 0.0010	0.05		0.0010	0.01
	lbs/day	< 0.20		15.6		
Silver	mg/L	< 0.00020	0.05		0.00020	0.02
	lbs/day	< 40		15.6		
Zinc	mg/L	0.083	5		0.01	1
	lbs/day	16		1564		

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT, WEST
MONITORING REPORT
AUGUST 2003

WQCB ORDER NO. 95-079 (NPDES NO. CA0053991)
WQCB ORDER NO. 87-50 (REUSE)
MONITORING AND REPORTING PROGRAMS NOS. 5542 & 6372

PESTICIDES, PRIORITY POLLUTANTS, ETC.

SAN JOSE CREEK WEST WRP SEMI-ANNUAL FINAL EFFLUENT
Composite Date and Time - From: 08/04/2003 10:00 To: 08/05/2003 10:00
Sample Location: 1-SJ3-FBAY Sample Type: FIN Approved By: MP
Requestor: CONWAY Completion Date: 10/07/2003
Sample No: SJ91264

CONSTITUENT	UNIT	FINAL EFFLUENT	DISCHARGE LIMITS (30-DAY AVERAGE)		RL ⁽¹⁾	PERFORMANCE GOALS (DAILY MAXIMUM)
				(lbs/day)		
Antimony	mg/L	< 0.0005	0.006		0.0005	0.005
	lbs/day	< 0.10		1.9		
Beryllium	mg/L	< 0.0005			0.0005	0.0025
Thallium	mg/L	< 0.001			0.001	0.01

(1) The reporting level (RL) is subject to change based on the laboratory conducting the analyses. This is the Districts' reporting limit for the pollutant. These have been used historically by the Districts to calculate the Practical Quantitation Limits (PQLs), which have been used to calculate performance goals for priority pollutants that do not have statistically based performance goals.

(2) Mass Emission Limits are determined based on the monthly average flow through the outfall(s) named in the permit.

(3) Limit based on Maximum Contaminant Level specified in Title 22, Chapter 15, Article 5, Section 64443 of the California Code of Regulation.

NC = Not Completed ND = Not Detected

a. SJ91266:- Composite Date and Time - From: 08/04/2003 10:00 To: 08/05/2003 10:00

TOXICITY MONITORING

San Jose Creek Water Reclamation Plant, East & West

TOXICITY MONITORING REPORT

SAN JOSE CREEK

AUGUST 2003

NPDES NO. CA0053911

**COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
1965 WORKMAN MILL ROAD
WHITTIER, CALIFORNIA 90601**

List of Enclosures:

- Definitions & Acronyms List (1)
- San Jose Creek WRP Effluent Chronic Bioassay Report (1)
- San Jose Creek WRP Effluent Acute Bioassay Report (1)
- San Jose Creek Receiving Water Station C2 Chronic Bioassay Report (2)
- San Jose Creek Receiving Water Station C2 Acute Bioassay Report (2)
- San Jose Creek Receiving Water Station R11 Chronic Bioassay Report (2)
- San Jose Creek Receiving Water Station R11 Acute Bioassay Report (2)
- San Jose Creek Receiving Water Station R6 Acute Bioassay Report (2)
- San Jose Creek Receiving Water Station R8 Acute Bioassay Report (2)

Verified By: _____


Jay P. Bottomley - Laboratory Supervisor

Date: _____

9/25/03

**EFFLUENT CHRONIC BIOASSAY REPORT
MONTHLY**

San Jose Creek Water Reclamation Plant, East & West

San Jose Creek WRP – Freshwater Chronic Final Effluent Bioassay Report

Sample Location: San Jose Creek WRP **Test Species:** *Ceriodaphnia dubia*, <24 hours old
Sample Type: 24-Hour Comp. **Organism Source:** In-house Culture
Lab: San Jose Creek WQL **Dilution Water:** Synthetic Very Hard
Reference: EPA/600/4-91/002 **Test Concentrations:** Control, 20%, 40%, 60%, 80%, 100%
Data Analysis: NOEC and EC/IC25 calculated according to EPA/600/4-91/002. TUc calculated as 100 / NOEC. % Effect in 100% = [(mean_{control} – mean_{sample}) / mean_{control}] x 100
Most Sensitive Species: *Ceriodaphnia dubia* determined using tests conducted on 04/24, 05/15, and 06/12/03.
 Next sensitivity screen scheduled for 04/2004

- TEST RESULTS

Table 1. San Jose Creek final effluent test, *Ceriodaphnia dubia*, result summary:

San Jose Creek Final Effluent Results – Test Initiated August 14, 2003 - SJ# 92134				
Endpoint	NOEC	Daily Max TUc	EC/IC25 (95% CI)	% Effect in 100% Sample (95% CI)
Survival	100%	1.0	>100% (N/A)	0% (N/A)
Reproduction	100%	1.0	>100% (N/A)	-2.9% (-7.5 to 1.7)

Comments: Tested samples consisted of 68% SJC-West WRP and 32% SJC-East WRP final effluent.

Table 2. San Jose Creek WRP final effluent water chemistry data

Sample Date	SJ #	Conductivity (µmhos/cm)	Ammonia (mg/L – N)	Alkalinity (mg/L CaCO ₃)	Hardness (mg/L CaCO ₃)
08/13/03	92171	1090	5.08	169	210
08/15/03	92278	1069	1.24	167	215
08/18/03	92465	1060	1.93	145	195

Comments: Tested samples consisted of 68% SJC-West WRP and 32% SJC-East WRP final effluent.

Table 3. Concurrent reference toxicant test, *Ceriodaphnia dubia*, result summary:

Reference Toxicant Results - Test Initiated August 14, 2003 - SJ# 92136			
Endpoint	NOEC (µg/L Cu)	LOEC (µg/L Cu)	EC/IC25 (µg/L Cu)
Survival	50	100	62.5
Reproduction	25	50	49.3

Comments: None.

Prepared by:

Philip J. Markle
 Philip J. Markle – Principal Analyst

Date:

9/11/03

**FINAL EFFLUENT ACUTE BIOASSAY REPORT
ANNUAL**

San Jose Creek Water Reclamation Plant, East & West

San Jose Creek WRP – Freshwater Acute Final Effluent Bioassay Report

Sample Location: San Jose Creek WRP **Test Species:** *Pimephales promelas*, <0.5 g wet weight
Sample Type: Grab **Organism Source:** Thomas Fish Company
Lab: San Jose Creek WQL **Dilution Water:** Synthetic Very Hard
Reference: EPA/600/4-85/013 **Test Concentrations:** Control, 100%
Compliance Limit: Single Test ≥ 70% Survival, Three Test Average ≥ 90% Survival
Data Analysis: Mean percent survival calculated according to EPA/600/4-85/013
Species used: *Pimephales promelas* as specified in NPDES permit.

TEST RESULTS

Table 1. San Jose Creek effluent test result summary:

San Jose Creek Effluent Results - Test initiated August 12, 2003 - SJ# 91792		
Test Species: <i>Pimephales promelas</i>	% SURVIVAL IN 100% (Std. Dev.)	Three Test Average (Range)
Survival	97.8% (3.9)	99.3% (97.8 to 100%)

Comments: Composite effluent 68% SJC East, 32% SJC West.

Table 2. San Jose Creek effluent sample water chemistry data

Sample Date	SJ #	Conductivity (µmhos/cm)	Ammonia (mg/L – N)	Alkalinity (mg/L CaCO ₃)	Hardness (mg/L CaCO ₃)
08/11/03	91786	1091	1.60	127	210

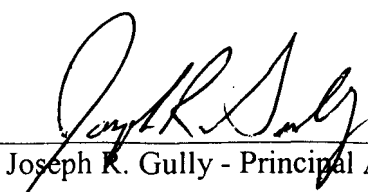
Comments: Composite effluent 68% SJC East, 32% SJC West.

Table 3. Concurrent reference toxicant test result summary:

Reference Toxicant Results - Test Initiated August 12, 2003 - SJ# 91787	
Test Species <i>Pimephales promelas</i>	LC 50 (95% C. I.) ppm Cu
Survival	0.963 (0.867 to 1.18)

Comments: None.

Prepared By:


Joseph R. Gully - Principal Analyst

Date:

9/18/03

RECEIVING WATER CHRONIC BIOASSAY REPORT
3 RD QUARTER

San Jose Creek Water Reclamation Plant, East & West

San Jose Creek WRP – Freshwater Chronic Receiving Water Bioassay Report

Sample Location:	C2	Test Species:	Ceriodaphnia dubia, <24 hours old
Sample Type:	Grab	Organism Source:	In-house Culture
Lab:	San Jose Creek WQL	Dilution Water:	Synthetic Very Hard
Reference:	EPA/600/4-91/002	Test Concentrations:	Control, 20%, 40%, 60%, 80%, 100%
Data Analysis:	NOEC and EC/IC25 calculated according to EPA/600/4-91/002. TUC calculated as 100 / NOEC. % Effect in 100% = [(mean _{control} – mean _{sample}) / mean _{control}] x 100		
Most Sensitive Species:	Ceriodaphnia dubia determined using tests conducted on 04/17, 05/17, and 06/26/03. Next sensitivity screen scheduled for 04/2004.		

TEST RESULTS

Table 1. C-2 receiving water test, *Ceriodaphnia dubia*, result summary:

C-2 Receiving Water Results – Test Initiated August 14, 2003 - SJ# 92133				
Endpoint	NOEC	TUC	EC/IC25 (95% CI)	% Effect in 100% Sample (95% CI)
Survival	100%	1.0	>100% (N/A)	0% (N/A)
Reproduction	100%	1.0	>100% (N/A)	4.1% (-5.3 to 13.5)

Comments: None.

Table 2. C-2 receiving water sample water chemistry data

Sample Date	SJ #	Conductivity (µmhos/cm)	Ammonia (mg/L – N)	Alkalinity (mg/L CaCO ₃)	Hardness (mg/L CaCO ₃)
08/13/03	92158	1100	0.89	137	240
08/15/03	92246	1155	1.03	137	239
08/18/03	92395	1330	<0.5	105	405

Comments: None.

Table 3. Concurrent reference toxicant test, *Ceriodaphnia dubia*, result summary:

Reference Toxicant Results - Test Initiated August 14, 2003 - SJ# 92136			
Endpoint	NOEC (µg/L Cu)	LOEC (µg/L Cu)	EC/IC25 (µg/L Cu)
Survival	50	100	62.5
Reproduction	25	50	49.3

Comments: None.

Table 5. Observations made at the time of sampling - Station C-2.

Date Collected	08/13/03	08/15/03	08/18/03
Time	1210	1416	1445
Sampler	Wixson / Johnson	Davis / Johnson	Davis / Nakada
Receiving Water Temperature (°C)	29.7	29.5	27.0
Weather Conditions	Mostly Sunny	Partly Cloudy	Clear
Color of Effluent	NA	NA	NA
Color of Receiving Water	NA	Pale Yellow	Pale Yellow
Tidal Conditions	N/A	N/A	N/A
Wind Conditions	NA	3.1 mph, East	4.1 mph, South
Estimation of Flow	Normal	Above Normal	Below Normal
Floating Solids	None	None	None
Aquatic Plant Growth	Normal	Normal	Normal
Sludge, Grease, Oil, Foam, Solids of waste Origin	None	None	None
Recipients Notes: None.			

Prepared by:

Philip J. Markle
Philip J. Markle - Principal Analyst

Date:

9/11/03

San Jose Creek WRP – Freshwater Chronic Receiving Water Bioassay Report

Sample Location:	R-11	Test Species:	Ceriodaphnia dubia, <24 hours old
Sample Type:	Grab	Organism Source:	In-house Culture
Lab:	San Jose Creek WQL	Dilution Water:	Synthetic Very Hard
Reference:	EPA/600/4-91/002	Test Concentrations:	Control, 20%, 40%, 60%, 80%, 100%
Data Analysis:	NOEC and EC/IC25 calculated according to EPA/600/4-91/002. TUc calculated as 100 / NOEC. % Effect in 100% = $[(\text{mean}_{\text{control}} - \text{mean}_{\text{sample}}) / \text{mean}_{\text{control}}] \times 100$		
Most Sensitive Species:	Ceriodaphnia dubia determined using tests conducted on 04/17, 05/17, and 06/26/03.		
	Next sensitivity screen scheduled for 04/2004.		

TEST RESULTS

Table 1. R-11 receiving water test, *Ceriodaphnia dubia*, result summary:

R-11 Receiving Water Results – Test Initiated August 14, 2003 - SJ# 92135				
Endpoint	NOEC	TUc	EC/IC25 (95% CI)	% Effect in 100% Sample (95% CI)
Survival	100%	1.0	>100% (N/A)	0% (N/A)
Reproduction	100%	1.0	>100% (N/A)	5.9% (0.1 to 11.7)

Comments: None.

Table 2. R-11 receiving water sample water chemistry data

Sample Date	SJ #	Conductivity (µmhos/cm)	Ammonia (mg/L – N)	Alkalinity (mg/L CaCO ₃)	Hardness (mg/L CaCO ₃)
08/13/03	92153	1165	4.01	160	255
08/15/03	92245	1144	0.67	148	265
08/18/03	92396	825	1.54	168	190

Comments: None.

Table 3. Concurrent reference toxicant test, *Ceriodaphnia dubia*, result summary:

Reference Toxicant Results - Test Initiated August 14, 2003 - SJ# 92136			
Endpoint	NOEC (µg/L Cu)	LOEC (µg/L Cu)	EC/IC25 (µg/L Cu)
Survival	50	100	62.5
Reproduction	25	50	49.3

Comments: None.

Table 5. Observations made at the time of sampling - Station R-11.

Date Collected	08/13/03	08/15/03	08/18/03
Time	1230	1350	1428
Sampler	Wixson / Johnson	Davis / Johnson	Davis / Nakada
Receiving Water Temperature (°C)	29.6	30.1	30.0
Weather Conditions	Clear	Partly Cloudy	Clear
Color of Effluent	NA	NA	NA
Color of Receiving Water	NA	Pale Green	Pale Green
Tidal Conditions	N/A	N/A	N/A
Wind Conditions	NA	3.5 mph, West	4.0 mph, West
Estimation of Flow	Normal	Normal	Normal
Floating Solids	None	None	None
Aquatic Plant Growth	Normal	Normal, Floating Algae	Normal, Floating Algae
Sludge, Grease, Oil, Foam, Solids of waste Origin	None	None	None
Recipients Notes: None.			

Prepared by: Philip J. Markle
Philip J. Markle – Principal Analyst

Date: 9/11/03

RECEIVING WATER ACUTE BIOASSAY REPORT
ANNUAL

San Jose Creek Water Reclamation Plant, East & West

San Jose Creek C2 – Freshwater Acute Receiving Water Bioassay Report

Sample Location: San Jose Creek C2 **Test Species:** *Pimephales promelas*, <0.5 g wet weight
Sample Type: Grab **Organism Source:** Thomas Fish Company
Lab: San Jose Creek WQL **Dilution Water:** Synthetic Very Hard
Reference: EPA/600/4-85/013 **Test Concentrations:** Control, 100%
Data Analysis: Mean percent survival calculated according to EPA/600/4-85/013
Species used: *Pimephales promelas* as specified in NPDES permit.

TEST RESULTS

Table 1. San Jose Creek C2 test result summary:

San Jose Creek C2 Results - Test initiated August 12, 2003 - SJ# 91791		
Test Species: <i>Pimephales promelas</i>	% SURVIVAL IN 100% (Std. Dev.)	Three Test Average (Range)
Survival	100% (0.0)	100% (100 to 100%)

Comments: None.

Table 2. San Jose Creek C2 sample water chemistry data

Sample Date	SJ #	Conductivity (µmhos/cm)	Ammonia (mg/L – N)	Alkalinity (mg/L CaCO ₃)	Hardness (mg/L CaCO ₃)
08/11/03	91772	1188	1.55	117	250

Comments: None.

Table 3. Concurrent reference toxicant test result summary:

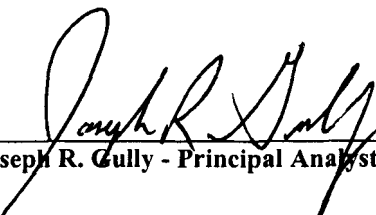
Reference Toxicant Results - Test Initiated August 12, 2003 – SJ# 91787	
Test Species <i>Pimephales promelas</i>	LC 50 (95% C. I.) ppm Cu
Survival	0.963 (0.867 to 1.18)

Comments: None.

Table 4. Observations made at the time of sampling - Station San Jose Creek C2.

Date	08/11/03
Time	1504
Observations by:	Davis / Johnson
Weather Conditions	Partly Cloudy
Color of Effluent	Not Observed
Color of Receiving Water	Pale Green
Odor of Receiving Water	None
Tidal Conditions	N/A
Wind Speed and Direction (mph)	No Wind
Flow of Receiving Water	Normal
Floating Solids (except for algae)	None
Aquatic Plant Growth	Normal
Sludge, Grease, Oil, Foam, Solids of Waste Origin	None
Comments and/or Unusual Occurrences: Air temp: 33.5° C	

Prepared By:


Joseph R. Gully - Principal Analyst

Date:

9/19/03

San Jose Creek R-11 – Freshwater Acute Receiving Water Bioassay Report

Sample Location: San Jose Creek R-11 **Test Species:** *Pimephales promelas*, <0.5 g wet weight
Sample Type: Grab **Organism Source:** Thomas Fish Company
Lab: San Jose Creek WQL **Dilution Water:** Synthetic Very Hard
Reference: EPA/600/4-85/013 **Test Concentrations:** Control, 100%
Data Analysis: Mean percent survival calculated according to EPA/600/4-85/013
Species used: *Pimephales promelas* as specified in NPDES permit.

TEST RESULTS

Table 1. San Jose Creek R-11 test result summary:

San Jose Creek R-11 Results - Test initiated August 12, 2003 - SJ# 91790		
Test Species: <i>Pimephales promelas</i>	% SURVIVAL IN 100% (Std. Dev.)	Three Test Average (Range)
Survival	100% (0.0)	N/A

Comments: N/A = Not Applicable, Less than three tests performed at this station.

Table 2. San Jose Creek R-11 sample water chemistry data

Sample Date	SJ #	Conductivity (µmhos/cm)	Ammonia (mg/L – N)	Alkalinity (mg/L CaCO ₃)	Hardness (mg/L CaCO ₃)
08/11/03	91771	1081	1.14	125	250

Comments: None.

Table 3. Concurrent reference toxicant test result summary:

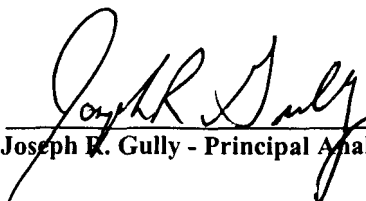
Reference Toxicant Results - Test Initiated August 12, 2003 - SJ# 91787	
Test Species <i>Pimephales promelas</i>	LC 50 (95% C. I.) ppm Cu
Survival	0.963 (0.867 to 1.18)

Comments: None.

Table 4. Observations made at the time of sampling - Station San Jose Creek R-11.

Date	08/11/03
Time	1529
Observations by:	Davis / Johnson
Weather Conditions	Partly Cloudy
Color of Effluent	Not Observed
Color of Receiving Water	Pale Green
Odor of Receiving Water	None
Tidal Conditions	N/A
Wind Speed and Direction (mph)	5.3 mph, S
Flow of Receiving Water	Normal
Floating Solids (except for algae)	None
Aquatic Plant Growth	Normal
Sludge, Grease, Oil, Foam, Solids of Waste Origin	None
Comments and/or Unusual Occurrences: Air temp: 36.0° C	

Prepared By:


Joseph R. Gully - Principal Analyst

Date:

9/19/03

San Jose Creek R6 – Marine Acute Receiving Water Bioassay Report

Sample Location: San Jose Creek R6 **Test Species:** *Menidia beryllina*, 84 days old
Sample Type: Grab **Organism Source:** Aquatic Indicators, Inc.
Lab: San Jose Creek WQL **Dilution Water:** Synthetic Very Hard
Reference: EPA/600/4-85/013 **Test Concentrations:** Control, 100%
Data Analysis: Mean percent survival calculated according to EPA/600/4-85/013
Species used: *Menidia beryllina* as specified in NPDES permit.

TEST RESULTS

Table 1. San Jose Creek R6 test result summary:

San Jose Creek R6 Results - Test initiated August 12, 2003 - SJ# 91794		
Test Species: <i>Menidia beryllina</i>	% SURVIVAL IN 100% (Std. Dev.)	Three Test Average (Range)
Survival	100% (0%)	97.7% (93 to 100%)

Comments: None.

Table 2. San Jose Creek R6 sample water chemistry data

Sample Date	SJ #	Salinity (ppt)	Ammonia (mg/L – N)
08/11/03	91719	30	< 0.1

Comments: None.

Table 3. Concurrent reference toxicant test result summary:

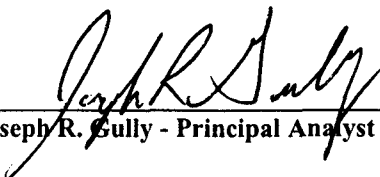
Reference Toxicant Results - Test Initiated August 12, 2003 - SJ# 91793	
Test Species <i>Menidia beryllina</i>	LC 50 (95% C. I.) ppb Cu
Survival	158 (134 to 180)

Comments: None.

Table 4. Observations made at the time of sampling - Station SJC R6.

Date	08/11/03
Time	1300
Observations by:	Davis / Johnson
Weather Conditions	Partly Cloudy
Color of Effluent	N/A
Color of Receiving Water	No Color
Odor of Receiving Water	None
Tidal Conditions	2.97' Ebbing
Wind Speed and Direction (mph)	4.1 mph, S
Flow of Receiving Water	Normal
Floating Solids (except for algae)	None
Aquatic Plant Growth	Normal
Sludge, Grease, Oil, Foam, Solids of Waste Origin	None
Comments and/or Unusual Occurrences: Air temp: 32.1° C	

Prepared By:


Joseph R. Gully - Principal Analyst

Date:

9/19/03

San Jose Creek R8 – Marine Acute Receiving Water Bioassay Report

Sample Location: San Jose Creek R8 **Test Species:** *Menidia beryllina*, 84 days old
Sample Type: Grab **Organism Source:** Aquatic Indicators, Inc.
Lab: San Jose Creek WQL **Dilution Water:** Synthetic Very Hard
Reference: EPA/600/4-85/013 **Test Concentrations:** Control, 100%
Data Analysis: Mean percent survival calculated according to EPA/600/4-85/013
Species used: *Menidia beryllina* as specified in NPDES permit.

TEST RESULTS

Table 1. San Jose Creek R8 test result summary:

San Jose Creek R8 Results - Test initiated August 12, 2003 - SJ# 91795		
Test Species: <i>Menidia beryllina</i>	% SURVIVAL IN 100% (Std. Dev.)	Three Test Average (Range)
Survival	100% (0%)	98.0% (94 to 100%)

Comments: None.

Table 2. San Jose Creek R8 sample water chemistry data

Sample Date	SJ #	Salinity (ppt)	Ammonia (mg/L – N)
08/11/03	91717	32	< 0.1

Comments: None.

Table 3. Concurrent reference toxicant test result summary:

Reference Toxicant Results - Test Initiated August 12, 2003 - SJ# 91793	
Test Species <i>Menidia beryllina</i>	LC 50 (95% C. I.) ppb Cu
Survival	158 (134 to 180)

Comments: None.

Table 4. Observations made at the time of sampling - Station SJC R8.

Date	08/11/03
Time	1215
Observations by:	Davis / Johnson
Weather Conditions	Clear
Color of Effluent	N/A
Color of Receiving Water	No Color
Odor of Receiving Water	None
Tidal Conditions	3.49' Ebbing
Wind Speed and Direction (mph)	6.8 mph, S
Flow of Receiving Water	Normal
Floating Solids (except for algae)	None
Aquatic Plant Growth	Normal
Sludge, Grease, Oil, Foam, Solids of Waste Origin	None
Comments and/or Unusual Occurrences: Air temp: 70.8° F	

Prepared By:

Joseph R. Guly - Principal Analyst

Date:

9/19/03

BOTTOM SEDIMENT MONITORING DATA
3 RD QUARTER
San Gabriel River Station R-6

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT
MONITORING REPORT
JULY 2003

SAN GABRIEL RIVER; 7TH STREET SEDIMENT SAMPLE, R6

Grab Date and Time: 07/31/2003 06:30
Sample Location: 5-SG-R6 Sample Type: SED Approved By: EG
Requestor: CONWAY Completion Date: 09/25/2003
Sample No: SJ91042

CONSTITUENT	UNIT	RESULT
ORGANIC NITROGEN	MG/KG N	658
TOTAL CYANIDE	MG/KG CN	< 0.25
PHENOLS	MG/KG C6H5OH	< 0.011
TOTAL ORGANIC CARBON	MG/KG C	0.75
OP'-DDE	UG/KG	< 1.4
PP'-DDE	UG/KG	5.6
OP'-DDD	UG/KG	2.1
PP'-DDD	UG/KG	3.1
OP'-DDT	UG/KG	< 1.4
PP'-DDT	UG/KG	< 1.4
TOTAL DETECTABLE DDT	UG/KG	10.8
ALPHA-BHC	UG/KG	< 1.4
LINDANE (GAMMA-BHC)	UG/KG	< 1.4
HEPTACHLOR	UG/KG	NA
HEPTACHLOR EPOXIDE	UG/KG	NA
ALDRIN	UG/KG	< 1.4
DIELDRIN	UG/KG	< 1.4
ENDRIN	UG/KG	< 1.4
TOXAPHENE	UG/KG	< 140
AROCLOR 1242	UG/KG	< 68
AROCLOR 1254	UG/KG	< 68
AROCLOR 1016	UG/KG	< 68
AROCLOR 1221	UG/KG	< 140
AROCLOR 1232	UG/KG	< 68
AROCLOR 1248	UG/KG	< 68
AROCLOR 1260	UG/KG	< 68
TECHNICAL CHLORDANE	UG/KG	< 34
ARSENIC	MG/KG AS	2.16
CADMIUM	MG/KG CD	< 0.99
TOTAL CHROMIUM	MG/KG CR	18.9
COPPER	MG/KG CU	23.3
LEAD	MG/KG PB	< 9.9
MERCURY	MG/KG HG	0.04
NICKEL	MG/KG NI	10.8
ZINC	MG/KG ZN	84

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT
MONITORING REPORT
JULY 2003

SAN GABRIEL RIVER; 7TH STREET SEDIMENT SAMPLE, R6

Grab Date and Time: 07/31/2003 06:30
Sample Location: 5-SG-R6 Sample Type: SED Approved By: EG
Requestor: CONWAY Completion Date: 09/25/2003
Sample No: SJ91042

CONSTITUENT	UNIT	RESULT
ACENAPHTHENE	MG/KG	< 6.8
ACENAPHTHYLENE	MG/KG	< 6.8
ANTHRACENE	MG/KG	< 6.8
BENZO(A)ANTHRACENE	MG/KG	< 6.8
BENZO(A)PYRENE	MG/KG	< 6.8
BENZO(B)FLUORANTHENE	MG/KG	< 6.8
BENZO(G,H,I)PERYLENE	MG/KG	< 6.8
BENZO(K)FLUORANTHENE	MG/KG	< 6.8
CHRYSENE	MG/KG	< 6.8
DIBENZO(A,H)ANTHRACENE	MG/KG	< 6.8
FLUORANTHENE	MG/KG	< 6.8
FLUORENE	MG/KG	< 6.8
INDENO(1,2,3-C,D)PYRENE	MG/KG	< 6.8
NAPHTHALENE	MG/KG	< 6.8
PHENANTHRENE	MG/KG	< 6.8
PYRENE	MG/KG	< 6.8

RECEIVING WATER MONITORING DATA
MONTHLY

San Jose Creek Water Reclamation Plant, East & West

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT
Monthly Monitoring Report for August 2003

WQCB Order No. 95-079
NPDES No. CA0053911
Monitoring and Reporting Program No. 5542
Receiving Water Analysis and Observations
Station C-1, San Jose Creek

Date	8/5/2003
Time	1443
SJ No.	91325
Observations by:	Nakada/Johnson
Tide (feet)	N/A
Wind Speed & Direction (mph)	2.5 mph,S
Weather Conditions	Clear
Air Temp. (°C)	34.0
Visibility	N/A
Flow of Receiving Water (MGD)	Normal
Storm Runoff	None
Discharge Flow	N/A
Color of Receiving Water	Pale Yellow
Color of Effluent	Not observed
Odor of Water	No
Waste - Sewage Origin: Oil, Grease, Sludge, Solids, Foam	No
Type of Floating Solids	No
Aquatic Plant Growth (Floating, Sessile)	Floating duckweed
Unusual Events	No
Chlorine Residual (Limit 0.1 mg/L)	N/A
pH (Limit 6.5-8.5)	8.2
Temperature (°C)	26
Dissolved Oxygen (Limit 5 mg/L)	9
Total Coliforms (MPN/100ml)	8000

All flows are estimated values

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT
MONITORING REPORT
AUGUST 2003

WQCB Number: 5903R Frequency: B

SAN GABRIEL RIVER OBSERVATIONS AND SHORE STATION ANALYSES, C1

Grab Date and Time: 08/05/2003 14:43
Sample Location: 5-SG-C1 Sample Type: RIV Approved By: EG
Requestor: BOTTOMLEY Completion Date: 09/22/2003
Sample No: SJ91325

CONSTITUENT	UNIT	RESULT
PH	PH	8.17
CONDUCTIVITY	UMHOS/CM	1500
TEMPERATURE	DEG.C.	25.7
DISSOLVED OXYGEN	MG/L	9.3
TOTAL DISSOLVED SOLIDS	MG/L	1081
AMMONIA NITROGEN	MG/L	0.2
ORGANIC NITROGEN	MG/L	1.1
NITRATE NITROGEN	MG/L	0.62
NITRITE NITROGEN	MG/L	0.121
TOTAL CYANIDE	MG/L	< 0.005
TOTAL NITROGEN	MG/L	2.0
SULFATE	MG/L	350
CHLORIDE	MG/L	148
TOTAL PHOSPHATE	MG/L	< 0.5
PHENOLS	MG/L	< 0.011
MBAS	MG/L	< 0.10
TOTAL COLIFORM	MPN/0.1L	8000
TOTAL BOD	MG/L	3
TOTAL COD	MG/L	27
OP'-DDE	UG/L	< 0.01
PP'-DDE	UG/L	< 0.01
OP'-DDD	UG/L	< 0.01
PP'-DDD	UG/L	< 0.01
OP'-DDT	UG/L	< 0.01
PP'-DDT	UG/L	< 0.01
ALPHA-BHC	UG/L	< 0.01
LINDANE (GAMMA-BHC)	UG/L	< 0.01
ALDRIN	UG/L	< 0.01
DIELDRIN	UG/L	< 0.01
ENDRIN	UG/L	< 0.01
TOXAPHENE	UG/L	< 0.5
AROCLOR 1242	UG/L	< 0.1
AROCLOR 1254	UG/L	< 0.05
ARSENIC	MG/L	0.0016
CADMIUM	MG/L	< 0.0004

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT
MONITORING REPORT
AUGUST 2003

WQCB Number: 5903R Frequency: B

SAN GABRIEL RIVER OBSERVATIONS AND SHORE STATION ANALYSES, C1

Grab Date and Time: 08/05/2003 14:43
Sample Location: 5-SG-C1 Sample Type: RIV Approved By: EG
Requestor: BOTTOMLEY Completion Date: 09/22/2003
Sample No: SJ91325

CONSTITUENT	UNIT	RESULT
TOTAL CHROMIUM	MG/L	< 0.01
COPPER	MG/L	< 0.008
LEAD	MG/L	< 0.002
MERCURY	MG/L	< 0.00004
NICKEL	MG/L	< 0.02
ZINC	MG/L	0.029
ACENAPHTHENE	UG/L	< 1
ACENAPHTHYLENE	UG/L	< 10
ANTHRACENE	UG/L	< 10
BENZOANTHRACENE	UG/L	< 5
BENZOPYRENE	UG/L	< 10
BENZO(B)FLUORANTHENE	UG/L	< 10
BENZO(G,H,I)PERYLENE	UG/L	< 5
BENZO(K)FLUORANTHENE	UG/L	< 10
CHRYSENE	UG/L	< 10
DIBENZO(A,H)ANTHRACENE	UG/L	< 10
FLUORANTHENE	UG/L	< 1
FLUORENE	UG/L	< 10
INDENO(1,2,3-C,D)PYRENE	UG/L	< 10
NAPHTHALENE	UG/L	< 1
PHENANTHRENE	UG/L	< 5
PYRENE	UG/L	< 10

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT
Monthly Monitoring Report for August 2003

WQCB Order No. 95-079
NPDES No. CA0053911
Monitoring and Reporting Program No. 5542
Receiving Water Analysis and Observations
Station C-2, San Jose Creek

Date	8/5/2003
Time	1500
SJ No.	91326
Observations by:	Nakada/Johnson
Tide (feet)	N/A
Wind Speed & Direction (mph)	No Wind
Weather Conditions	Clear
Air Temp. (°C)	33.5
Visibility	N/A
Flow of Receiving Water (MGD)	Normal
Storm Runoff	None
Discharge Flow	N/A
Color of Receiving Water	Pale Yellow
Color of Effluent	Not observed
Odor of Water	No
Waste - Sewage Origin: Oil, Grease, Sludge, Solids, Foam	No
Type of Floating Solids	No
Aquatic Plant Growth (Floating, Sessile)	None
Unusual Events	No
Chlorine Residual (Limit 0.1 mg/L)	N/A
pH (Limit 6.5-8.5)	7.3
Temperature (°C)	29
Dissolved Oxygen (Limit 5 mg/L)	8
Total Coliforms (MPN/100ml)	800

All flows are estimated values

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT
MONITORING REPORT
AUGUST 2003

WQCB Number: 5903R Frequency: B

SAN GABRIEL RIVER OBSERVATIONS AND SHORE STATION ANALYSES, C2

Grab Date and Time: 08/05/2003 15:00
Sample Location: 5-SG-C2 Sample Type: RIV Approved By: EG
Requestor: BOTTOMLEY Completion Date: 09/22/2003
Sample No: SJ91326

CONSTITUENT	UNIT	RESULT
PH	PH	7.27
CONDUCTIVITY	UMHOS/CM	1136
TEMPERATURE	DEG.C.	28.6
DISSOLVED OXYGEN	MG/L O	8.4
TOTAL DISSOLVED SOLIDS	MG/L	725
AMMONIA NITROGEN	MG/L N	1.2
ORGANIC NITROGEN	MG/L N	1.5
NITRATE NITROGEN	MG/L N	5.03
NITRITE NITROGEN	MG/L N	0.061
TOTAL NITROGEN	MG/L N	7.8
SULFATE	MG/L SO4	161
CHLORIDE	MG/L CL	161
TOTAL PHOSPHATE	MG/L PO4	0.50
TOTAL COLIFORM	MPN/0.1L	800
TOTAL BOD	MG/L O	< 2
TOTAL COD	MG/L O	20

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT
Monthly Monitoring Report for August 2003

WQCB Order No. 95-079
NPDES No. CA0053911
Monitoring and Reporting Program No. 5542
Receiving Water Analysis and Observations
Station R-10, San Gabriel River

Date	8/5/2003
Time	1515
SJ No.	91327
Observations by:	Nakada/Johnson
Tide (feet)	N/A
Wind Speed & Direction (mph)	N/A
Weather Conditions	N/A
Air Temp. (°C)	N/A
Visibility	
Flow of Receiving Water (MGD)	No water (Dry).
Storm Runoff	N/A
Discharge Flow	
Color of Receiving Water	N/A
Color of Effluent	N/A
Odor of Water	N/A
Waste - Sewage Origin: Oil, Grease, Sludge, Solids, Foam	N/A
Type of Floating Solids	N/A
Aquatic Plant Growth (Floating, Sessile)	N/A
Unusual Events	N/A
Chlorine Residual (Limit 0.1 mg/L)	
pH (Limit 6.5-8.5)	
Temperature (°C)	
Dissolved Oxygen (Limit 5 mg/L)	
Total Coliforms (MPN/100ml)	

All flows are estimated values

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT
Monthly Monitoring Report for August 2003

WQCB Order No. 95-079
NPDES No. CA0053911
Monitoring and Reporting Program No. 5542
Receiving Water Analysis and Observations
Station R-2, San Gabriel River

Date	8/5/2003
Time	828
SJ No.	91328
Observations by:	Nakada/Johnson
Tide (feet)	N/A
Wind Speed & Direction (mph)	1.5mph,S
Weather Conditions	Clear
Air Temp. (°C)	26.1
Visibility	N/A
Flow of Receiving Water (MGD)	Normal
Storm Runoff	None
Discharge Flow	N/A
Color of Receiving Water	Pale Yellow
Color of Effluent	Pale Yellow
Odor of Water	No
Waste - Sewage Origin: Oil, Grease, Sludge, Solids, Foam	No
Type of Floating Solids	No
Aquatic Plant Growth (Floating, Sessile)	Slight sessile
Unusual Events	No
Chlorine Residual (Limit 0.1 mg/L)	N/A
pH (Limit 6.5-8.5)	7.6
Temperature (°C)	28
Dissolved Oxygen (Limit 5 mg/L)	9
Total Coliforms (MPN/100ml)	4

All flows are estimated values

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT
MONITORING REPORT
AUGUST 2003

WQCB Number: 5903R Frequency: B

SAN GABRIEL RIVER OBSERVATIONS AND SHORE STATION ANALYSES, R2

Grab Date and Time: 08/05/2003 08:28
Sample Location: 5-SG-R2 Sample Type: RIV Approved By: EG
Requestor: BOTTOMLEY Completion Date: 09/22/2003
Sample No: SJ91328

CONSTITUENT	UNIT	RESULT
PH	PH	7.64
CONDUCTIVITY	UMHOS/CM	953
TEMPERATURE	DEG.C.	27.6
DISSOLVED OXYGEN	MG/L O	9.2
TOTAL DISSOLVED SOLIDS	MG/L	585
AMMONIA NITROGEN	MG/L N	0.2*
ORGANIC NITROGEN	MG/L N	1.3
NITRATE NITROGEN	MG/L N	3.41
NITRITE NITROGEN	MG/L N	0.328
TOTAL NITROGEN	MG/L N	5.2
SULFATE	MG/L SO4	108
CHLORIDE	MG/L CL	126
TOTAL PHOSPHATE	MG/L PO4	1.00
TOTAL COLIFORM	MPN/0.1L	4
TOTAL BOD	MG/L O	5
TOTAL COD	MG/L O	24

*Based on the receiving water pH of 7.64 and temperature of 27.6 °C, the following ammonia objectives apply:

Current Basin Plan-1984 Ammonia Objectives:	1-hour or acute no salmonids present 8.30 mg/L N	4-day avg. or chronic no salmonids present 1.24 mg/L
New Basin Plan-1999 EPA Ammonia Objectives:	1-hour or acute no salmonids present 15.96 mg/L N	30-day avg. or chronic assuming ELS are absent 1.64 mg/L

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT
Monthly Monitoring Report for August 2003

WQCB Order No. 95-079
NPDES No. CA0053911
Monitoring and Reporting Program No. 5542
Receiving Water Analysis and Observations
Station R-4, San Gabriel River

Date	8/5/2003
Time	857
SJ No.	91317
Observations by:	Nakada/Johnson
Tide (feet)	N/A
Wind Speed & Direction (mph)	6.0 mph,S
Weather Conditions	Clear
Air Temp. (°C)	24.4
Visibility	N/A
Flow of Receiv- ing Water (MGD)	Normal
Storm Runoff	None
Discharge Flow	N/A
Color of Rec- eiving Water	Pale Yellow
Color of Effluent	Pale Yellow
Odor of Water	No
Waste - Sewage Origin: Oil, Grease, Sludge, Solids, Foam	No
Type of Floating Solids	No
Aquatic Plant Growth (Float- ing, Sessile)	Slight sessile filamentous
Unusual Events	No
Chlorine Residual (Limit 0.1 mg/L)	<0.05
pH (Limit 6.5-8.5)	7.9
Temperature (°C)	27
Dissolved Oxygen (Limit 5 mg/L)	11
Total Coliforms (MPN/100ml)	2300

All flows are estimated values

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT
MONITORING REPORT
AUGUST 2003

WQCB Number: 5903R Frequency: B

SAN GABRIEL RIVER OBSERVATIONS AND SHORE STATION ANALYSES, R4

Grab Date and Time: 08/05/2003 08:57
Sample Location: 5-SG-R4 Sample Type: RIV Approved By: EG
Requestor: BOTTOMLEY Completion Date: 09/22/2003
Sample No: SJ91317

CONSTITUENT	UNIT	RESULT
PH	PH	7.89
TEMPERATURE	DEG.C.	27.2
DISSOLVED OXYGEN	MG/L O	10.5
AMMONIA NITROGEN	MG/L N	0.5
ORGANIC NITROGEN	MG/L N	1.4
NITRATE NITROGEN	MG/L N	3.59
NITRITE NITROGEN	MG/L N	0.202
TOTAL NITROGEN	MG/L N	5.7
TOTAL PHOSPHATE	MG/L PO4	0.80
TOTAL COLIFORM	MPN/0.1L	2300

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT
MONITORING REPORT
AUGUST 2003

WQCB Number: 5903R Frequency: B

SAN GABRIEL RIVER OBSERVATIONS AND SHORE STATION ANALYSES, R4

Grab Date and Time: 08/12/2003 13:25
Sample Location: 5-SG-R4 Sample Type: RIV Approved By: EG
Requestor: BOTTOMLEY Completion Date: 09/22/2003
Sample No: SJ92007

CONSTITUENT	UNIT	RESULT
PH	PH	8.19
TEMPERATURE	DEG.C.	29.8
DISSOLVED OXYGEN	MG/L O	12.4
AMMONIA NITROGEN	MG/L N	0.6
ORGANIC NITROGEN	MG/L N	1.4
NITRATE NITROGEN	MG/L N	2.30
NITRITE NITROGEN	MG/L N	0.239
TOTAL NITROGEN	MG/L N	4.5
TOTAL PHOSPHATE	MG/L PO4	< 0.5
TOTAL COLIFORM	MPN/0.1L	500

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT
MONITORING REPORT
AUGUST 2003

WQCB Number: 5903R Frequency: B

SAN GABRIEL RIVER OBSERVATIONS AND SHORE STATION ANALYSES, R4

Grab Date and Time: 08/13/2003 10:25
Sample Location: 5-SG-R4 Sample Type: RIV Approved By: EG
Requestor: BOTTOMLEY Completion Date: 10/01/2003
Sample No: SJ92128

CONSTITUENT	UNIT	RESULT
CONDUCTIVITY	UMHOS/CM	1290
TOTAL DISSOLVED SOLIDS	MG/L	789
SULFATE	MG/L SO4	140
CHLORIDE	MG/L CL	173
MBAS	MG/L	0.2
TOTAL BOD	MG/L O	< 2
TOTAL COD	MG/L O	25

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT
MONITORING REPORT
AUGUST 2003

WQCB Number: 5903R Frequency: B

SAN GABRIEL RIVER OBSERVATIONS AND SHORE STATION ANALYSES, R4

Grab Date and Time: 08/19/2003 08:55
Sample Location: 5-SG-R4 Sample Type: RIV Approved By: EG
Requestor: BOTTOMLEY Completion Date: 09/22/2003
Sample No: SJ92502

CONSTITUENT	UNIT	RESULT
PH	PH	7.63
TEMPERATURE	DEG.C.	27.2
DISSOLVED OXYGEN	MG/L O	8.9
AMMONIA NITROGEN	MG/L N	0.5
ORGANIC NITROGEN	MG/L N	1.5
NITRATE NITROGEN	MG/L N	3.55
NITRITE NITROGEN	MG/L N	0.251
TOTAL NITROGEN	MG/L N	5.8
TOTAL PHOSPHATE	MG/L PO4	0.70
TOTAL COLIFORM	MPN/0.1L	500

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT
MONITORING REPORT
AUGUST 2003

WQCB Number: 5903R Frequency: B

SAN GABRIEL RIVER OBSERVATIONS AND SHORE STATION ANALYSES, R4

Grab Date and Time: 08/26/2003 10:55
Sample Location: 5-SG-R4 Sample Type: RIV Approved By: EG
Requestor: BOTTOMLEY Completion Date: 09/22/2003
Sample No: SJ92805

CONSTITUENT	UNIT	RESULT
PH	PH	8.26
TEMPERATURE	DEG.C.	28.8
DISSOLVED OXYGEN	MG/L O	12.2
AMMONIA NITROGEN	MG/L N	0.5
ORGANIC NITROGEN	MG/L N	1.5
NITRATE NITROGEN	MG/L N	3.73
NITRITE NITROGEN	MG/L N	0.178
TOTAL NITROGEN	MG/L N	5.9
TOTAL PHOSPHATE	MG/L PO4	0.90
TOTAL COLIFORM	MPN/0.1L	3000

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT
Monthly Monitoring Report for August 2003

WQCB Order No. 95-079
NPDES No. CA0053911
Monitoring and Reporting Program No. 5542
Receiving Water Analysis and Observations
Station R-A-1, Coyote Creek

Date	8/5/2003
Time	1303
SJ No.	91316
Observations by:	Nakada/Johnson
Tide (feet)	N/A
Wind Speed & Direction (mph)	6.3mph,S
Weather Conditions	Clear
Air Temp. (°C)	24.9
Visibility	N/A
Flow of Receiving Water (MGD)	Normal
Storm Runoff	None
Discharge Flow	N/A
Color of Receiving Water	Pale Yellow
Color of Effluent	Not observed
Odor of Water	No
Waste - Sewage Origin: Oil, Grease, Sludge, Solids, Foam	No
Type of Floating Solids	No
Aquatic Plant Growth (Floating, Sessile)	Moderate sessile
Unusual Events	No
Chlorine Residual (Limit 0.1 mg/L)	<0.05
pH (Limit 6.5-8.5)	9.1
Temperature (°C)	30
Dissolved Oxygen (Limit 5 mg/L)	>20.0
Total Coliforms (MPN/100ml)	3000

All flows are estimated values

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT
MONITORING REPORT
AUGUST 2003

WQCB Number: 5903R Frequency: B

SAN GABRIEL RIVER OBSERVATIONS AND SHORE STATION ANALYSES, RA1

Grab Date and Time: 08/05/2003 13:03
Sample Location: 5-SG-RA1 Sample Type: RIV Approved By: EG
Requestor: BOTTOMLEY Completion Date: 09/22/2003
Sample No: SJ91316

CONSTITUENT	UNIT	RESULT
PH	PH	9.10
TEMPERATURE	DEG.C.	29.6
DISSOLVED OXYGEN	MG/L O	> 20.0
AMMONIA NITROGEN	MG/L N	0.1
ORGANIC NITROGEN	MG/L N	1.2
NITRATE NITROGEN	MG/L N	0.65
NITRITE NITROGEN	MG/L N	0.118
TOTAL NITROGEN	MG/L N	2.1
TOTAL PHOSPHATE	MG/L PO4	< 0.5
TOTAL COLIFORM	MPN/0.1L	3000
TOTAL COD	MG/L O	32

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT
MONITORING REPORT
AUGUST 2003

WQCB Number: 5903R Frequency: B

SAN GABRIEL RIVER OBSERVATIONS AND SHORE STATION ANALYSES, RA1

Grab Date and Time: 08/12/2003 11:17
Sample Location: 5-SG-RA1 Sample Type: RIV Approved By: EG
Requestor: BOTTOMLEY Completion Date: 09/22/2003
Sample No: SJ92006

CONSTITUENT	UNIT	RESULT
PH	PH	8.77
TEMPERATURE	DEG.C.	27.8
DISSOLVED OXYGEN	MG/L O	18.5
AMMONIA NITROGEN	MG/L N	< 0.1
ORGANIC NITROGEN	MG/L N	1.5
NITRATE NITROGEN	MG/L N	0.93
NITRITE NITROGEN	MG/L N	0.210
TOTAL NITROGEN	MG/L N	2.6
TOTAL PHOSPHATE	MG/L PO4	< 0.5
TOTAL COLIFORM	MPN/0.1L	30000

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT
MONITORING REPORT
AUGUST 2003

WQCB Number: 5903R Frequency: B

SAN GABRIEL RIVER OBSERVATIONS AND SHORE STATION ANALYSES, RA1

Grab Date and Time: 08/13/2003 11:10
Sample Location: 5-SG-RA1 Sample Type: RIV Approved By: EG
Requestor: BOTTOMLEY Completion Date: 10/01/2003
Sample No: SJ92131

CONSTITUENT	UNIT	RESULT
CONDUCTIVITY	UMHOS/CM	1833
TOTAL DISSOLVED SOLIDS	MG/L	1193
TOTAL CYANIDE	MG/L	< 0.005
SULFATE	MG/L	337
CHLORIDE	MG/L	217
MBAS	MG/L	0.2
TOTAL BOD	MG/L	6
LINDANE (GAMMA-BHC)	UG/L	< 0.01
ARSENIC	MG/L	0.0039
COPPER	MG/L	< 0.008
LEAD	MG/L	0.002
MERCURY	MG/L	< 0.00004
NICKEL	MG/L	< 0.02
ZINC	MG/L	0.067
BENZOPYRENE	UG/L	< 0.020
BENZO(B)FLUORANTHENE	UG/L	< 0.020
BENZO(K)FLUORANTHENE	UG/L	< 0.020
DIBENZO(A,H)ANTHRACENE	UG/L	< 0.020
INDENO(1,2,3-C,D)PYRENE	UG/L	< 0.020

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT
MONITORING REPORT
AUGUST 2003

WQCB Number: 5903R Frequency: B

SAN GABRIEL RIVER OBSERVATIONS AND SHORE STATION ANALYSES, RA1

Grab Date and Time: 08/19/2003 11:55
Sample Location: 5-SG-RA1 Sample Type: RIV Approved By: EG
Requestor: BOTTOMLEY Completion Date: 09/22/2003
Sample No: SJ92501

CONSTITUENT	UNIT	RESULT
PH	PH	8.66
TEMPERATURE	DEG.C.	27.1
DISSOLVED OXYGEN	MG/L O	19.6
AMMONIA NITROGEN	MG/L N	< 0.1
ORGANIC NITROGEN	MG/L N	1.7
NITRATE NITROGEN	MG/L N	3.20
NITRITE NITROGEN	MG/L N	0.182
TOTAL NITROGEN	MG/L N	5.1
TOTAL PHOSPHATE	MG/L PO4	0.60
TOTAL COLIFORM	MPN/0.1L	13000

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT
MONITORING REPORT
AUGUST 2003

WQCB Number: 5903R Frequency: B

SAN GABRIEL RIVER OBSERVATIONS AND SHORE STATION ANALYSES, RA1

Grab Date and Time: 08/26/2003 09:50
Sample Location: 5-SG-RA1 Sample Type: RIV Approved By: EG
Requestor: BOTTOMLEY Completion Date: 09/22/2003
Sample No: SJ92804

CONSTITUENT	UNIT	RESULT
PH	PH	8.28
TEMPERATURE	DEG.C.	23.6
DISSOLVED OXYGEN	MG/L O	11.8
AMMONIA NITROGEN	MG/L N	< 0.1
ORGANIC NITROGEN	MG/L N	1.8
NITRATE NITROGEN	MG/L N	1.63
NITRITE NITROGEN	MG/L N	0.265
TOTAL NITROGEN	MG/L N	3.7
TOTAL PHOSPHATE	MG/L PO4	< 0.5
TOTAL COLIFORM	MPN/0.1L	13000

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT
Monthly Monitoring Report for August 2003

WQCB Order No. 95-079
NPDES No. CA0053911
Monitoring and Reporting Program No. 5542
Receiving Water Analysis and Observations
Station R-A(SJC), Coyote Creek

Date	8/5/2003
Time	1250
SJ No.	91315
Observations by:	Nakada/Johnson
Tide (feet)	N/A
Wind Speed & Direction (mph)	5.0mph,S
Weather Conditions	Clear
Air Temp. (°C)	24.0
Visibility	N/A
Flow of Receiving Water (MGD)	Normal
Storm Runoff	None
Discharge Flow	N/A
Color of Receiving Water	Pale Yellow
Color of Effluent	Not observed
Odor of Water	No
Waste - Sewage Origin: Oil, Grease, Sludge, Solids, Foam	No
Type of Floating Solids	No
Aquatic Plant Growth (Floating, Sessile)	Moderate sessile
Unusual Events	No
Chlorine Residual (Limit 0.1 mg/L)	<0.05
pH (Limit 6.5-8.5)	8.8
Temperature (°C)	29
Dissolved Oxygen (Limit 5 mg/L)	16
Total Coliforms (MPN/100ml)	2200

All flows are estimated values

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT
MONITORING REPORT
AUGUST 2003

WQCB Number: 5903R Frequency: B

SAN GABRIEL RIVER OBSERVATIONS AND SHORE STATION ANALYSES, RA

Grab Date and Time: 08/05/2003 12:50
Sample Location: 5-SG-RA Sample Type: RIV Approved By: EG
Requestor: BOTTOMLEY Completion Date: 09/22/2003
Sample No: SJ91315

CONSTITUENT	UNIT	RESULT
PH	PH	8.78
TEMPERATURE	DEG.C.	28.6
DISSOLVED OXYGEN	MG/L O	16.2
AMMONIA NITROGEN	MG/L N	0.6
ORGANIC NITROGEN	MG/L N	1.3
NITRATE NITROGEN	MG/L N	2.68
NITRITE NITROGEN	MG/L N	0.078
TOTAL NITROGEN	MG/L N	4.8
TOTAL PHOSPHATE	MG/L PO4	1.60
TOTAL COLIFORM	MPN/0.1L	2200
TOTAL COD	MG/L O	34

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT
MONITORING REPORT
AUGUST 2003

WQCB Number: 5903R Frequency: B

SAN GABRIEL RIVER OBSERVATIONS AND SHORE STATION ANALYSES, RA

Grab Date and Time: 08/12/2003 11:36
Sample Location: 5-SG-RA Sample Type: RIV Approved By: EG
Requestor: BOTTOMLEY Completion Date: 09/22/2003
Sample No: SJ92005

CONSTITUENT	UNIT	RESULT
PH	PH	8.65
TEMPERATURE	DEG.C.	28.5
DISSOLVED OXYGEN	MG/L O	14.4
AMMONIA NITROGEN	MG/L N	0.6
ORGANIC NITROGEN	MG/L N	1.3
NITRATE NITROGEN	MG/L N	2.72
NITRITE NITROGEN	MG/L N	0.121
TOTAL NITROGEN	MG/L N	4.7
TOTAL PHOSPHATE	MG/L PO4	0.60
TOTAL COLIFORM	MPN/0.1L	22000

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT
MONITORING REPORT
AUGUST 2003

WQCB Number: 5903R Frequency: B

SAN GABRIEL RIVER OBSERVATIONS AND SHORE STATION ANALYSES, RA

Grab Date and Time: 08/13/2003 11:00
Sample Location: 5-SG-RA Sample Type: RIV Approved By: EG
Requestor: BOTTOMLEY Completion Date: 10/01/2003
Sample No: SJ92130

CONSTITUENT	UNIT	RESULT
CONDUCTIVITY	UMHOS/CM	1780
TOTAL DISSOLVED SOLIDS	MG/L	1156
TOTAL CYANIDE	MG/L	< 0.005
SULFATE	MG/L	317
CHLORIDE	MG/L	207
MBAS	MG/L	0.2
TOTAL BOD	MG/L	5
LINDANE (GAMMA-BHC)	UG/L	< 0.01
ARSENIC	MG/L	0.0037
COPPER	MG/L	< 0.008
LEAD	MG/L	0.002
MERCURY	MG/L	< 0.00004
NICKEL	MG/L	< 0.02
ZINC	MG/L	0.061
BENZOPYRENE	UG/L	< 0.020
BENZO(B)FLUORANTHENE	UG/L	< 0.020
BENZO(K)FLUORANTHENE	UG/L	< 0.020
DIBENZO(A,H)ANTHRACENE	UG/L	< 0.020
INDENO(1,2,3-C,D)PYRENE	UG/L	< 0.020

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT
MONITORING REPORT
AUGUST 2003

WQCB Number: 5903R Frequency: B

SAN GABRIEL RIVER OBSERVATIONS AND SHORE STATION ANALYSES, RA

Grab Date and Time: 08/19/2003 11:45
Sample Location: 5-SG-RA Sample Type: RIV Approved By: EG
Requestor: BOTTOMLEY Completion Date: 09/22/2003
Sample No: SJ92500

CONSTITUENT	UNIT	RESULT
PH	PH	8.52
TEMPERATURE	DEG.C.	27.7
DISSOLVED OXYGEN	MG/L O	14.3
AMMONIA NITROGEN	MG/L N	2.1
ORGANIC NITROGEN	MG/L N	1.6
NITRATE NITROGEN	MG/L N	3.40
NITRITE NITROGEN	MG/L N	0.230
TOTAL NITROGEN	MG/L N	7.3
TOTAL PHOSPHATE	MG/L PO4	0.70
TOTAL COLIFORM	MPN/0.1L	5000

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT
MONITORING REPORT
AUGUST 2003

WQCB Number: 5903R Frequency: B

SAN GABRIEL RIVER OBSERVATIONS AND SHORE STATION ANALYSES, RA

Grab Date and Time: 08/26/2003 10:00
Sample Location: 5-SG-RA Sample Type: RIV Approved By: EG
Requestor: BOTTOMLEY Completion Date: 09/22/2003
Sample No: SJ92803

CONSTITUENT	UNIT	RESULT
PH	PH	8.44
TEMPERATURE	DEG.C.	26.0
DISSOLVED OXYGEN	MG/L O	10.2
AMMONIA NITROGEN	MG/L N	0.6
ORGANIC NITROGEN	MG/L N	1.6
NITRATE NITROGEN	MG/L N	2.83
NITRITE NITROGEN	MG/L N	0.166
TOTAL NITROGEN	MG/L N	5.2
TOTAL PHOSPHATE	MG/L PO4	0.60
TOTAL COLIFORM	MPN/0.1L	9000

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
 SAN JOSE CREEK WATER RECLAMATION PLANT
 Monthly Monitoring Report for August 2003

WQCB Order No. 95-079
 NPDES No. CA0053911
 Monitoring and Reporting Program No. 5542
 Receiving Water Analysis and Observations
 Station R-9-East, San Gabriel River

Date	8/5/2003	8/12/2003	8/19/2003	8/26/2003
Time	1230	1150	1130	935
SJ No.	91318	92008	92503	92806
Observations by:	Nakada/Johnson	Nakada/Davis	Nakada/Johnson	Moss/Davis/Zimmerman
Tide (feet)	3.36' Flowing	4.13' Ebbing	3.27' Flowing	4.18' Flowing
Wind Speed & Direction (mph)	6.0mph,S	7.3mph,S	9.0mph,SE	2.7mph,S
Weather Conditions	Clear	Clear	Mostly Cloudy	Mostly Sunny
Air Temp. (°C)	27.5	31.0	31.2	24.1
Visibility	N/A	N/A	N/A	N/A
Flow of Receiving Water (MGD)	Normal	Normal	Normal	Normal
Storm Runoff	None	None	None	None
Discharge Flow	N/A	N/A	N/A	N/A
Color of Receiving Water	Pale Yellow	Pale Yellow	Pale Yellow	Pale Yellow
Color of Effluent	Not observed	No color	Not observed	Not observed
Odor of Water	No	No	No	No
Waste - Sewage Origin: Oil, Grease, Sludge, Solids, Foam	No	No	No	No
Type of Floating Solids	No	No	No	No
Aquatic Plant Growth (Floating, Sessile)	Moderate sessile	Slight sessile	Slight sessile, duckweed	Slight sessile, duckweed
Unusual Events	No	No	No	No
Chlorine Residual (Limit 0.1 mg/L)	<0.05	<0.05	<0.05	<0.05
pH (Limit 6.5-8.5)	8.9	8.7	8.6	8.5
Temperature (°C)	29	29	28	23
Dissolved Oxygen (Limit 5 mg/L)	19	17	16	11
Total Coliforms (MPN/100ml)	5000	NA	NA	NA

All flows are estimated values

NA:Not Analyzed

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT
MONITORING REPORT
AUGUST 2003

WQCB Number: 5902R Frequency: B

SAN GABRIEL RIVER OBSERVATIONS AND SHORE STATION ANALYSES, R9E

Grab Date and Time: 08/05/2003 12:30
Sample Location: 5-SG-R9E Sample Type: RIV Approved By: EG
Requestor: BOTTOMLEY Completion Date: 09/16/2003
Sample No: SJ91293

CONSTITUENT	UNIT	RESULT
CONDUCTIVITY	UMHOS/CM	1602
TOTAL DISSOLVED SOLIDS	MG/L	863
SULFATE	MG/L	214
CHLORIDE	MG/L	154
PHENOLS	MG/L	< 0.011
MBAS	MG/L	< 0.10
TOTAL BOD	MG/L	5
ARSENIC	MG/L	0.0037

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT
MONITORING REPORT
AUGUST 2003

WQCB Number: 5902R Frequency: B

SAN GABRIEL RIVER OBSERVATIONS AND SHORE STATION ANALYSES, R9E

Grab Date and Time: 08/05/2003 12:30
Sample Location: 5-SG-R9E Sample Type: RIV Approved By: EG
Requestor: BOTTOMLEY Completion Date: 09/22/2003
Sample No: SJ91318

CONSTITUENT	UNIT	RESULT
PH	PH	8.91
TEMPERATURE	DEG.C.	28.5
DISSOLVED OXYGEN	MG/L O	18.8
AMMONIA NITROGEN	MG/L N	0.3
ORGANIC NITROGEN	MG/L N	1.4
NITRATE NITROGEN	MG/L N	2.23
NITRITE NITROGEN	MG/L N	0.104
TOTAL NITROGEN	MG/L N	4.0
CHLORINE RESIDUAL	MG/L CL	< 0.05
TOTAL PHOSPHATE	MG/L PO4	1.30
TOTAL COLIFORM	MPN/0.1L	5000
TOTAL COD	MG/L O	29

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT
MONITORING REPORT
AUGUST 2003

WQCB Number: 5902R Frequency: B

SAN GABRIEL RIVER OBSERVATIONS AND SHORE STATION ANALYSES, R9E

Grab Date and Time: 08/12/2003 11:50
Sample Location: 5-SG-R9E Sample Type: RIV Approved By: EG
Requestor: BOTTOMLEY Completion Date: 09/22/2003
Sample No: SJ92008

CONSTITUENT	UNIT	RESULT
PH	PH	8.73
TEMPERATURE	DEG.C.	29.3
DISSOLVED OXYGEN	MG/L O	16.8
AMMONIA NITROGEN	MG/L N	0.2
ORGANIC NITROGEN	MG/L N	1.5
NITRATE NITROGEN	MG/L N	2.25
NITRITE NITROGEN	MG/L N	0.161
TOTAL NITROGEN	MG/L N	4.1
CHLORINE RESIDUAL	MG/L CL	< 0.05
TOTAL PHOSPHATE	MG/L PO4	< 0.5

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT
MONITORING REPORT
AUGUST 2003

WQCB Number: 5902R Frequency: B

SAN GABRIEL RIVER OBSERVATIONS AND SHORE STATION ANALYSES, R9E

Grab Date and Time: 08/19/2003 11:30
Sample Location: 5-SG-R9E Sample Type: RIV Approved By: EG
Requestor: BOTTOMLEY Completion Date: 09/22/2003
Sample No: SJ92503

CONSTITUENT	UNIT	RESULT
PH	PH	8.59
TEMPERATURE	DEG.C.	27.5
DISSOLVED OXYGEN	MG/L O	15.8
AMMONIA NITROGEN	MG/L N	1.6
ORGANIC NITROGEN	MG/L N	1.7
NITRATE NITROGEN	MG/L N	2.73
NITRITE NITROGEN	MG/L N	0.250
TOTAL NITROGEN	MG/L N	6.3
CHLORINE RESIDUAL	MG/L CL	< 0.05
TOTAL PHOSPHATE	MG/L PO4	0.60

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT
MONITORING REPORT
AUGUST 2003

WQCB Number: 5902R Frequency: B

SAN GABRIEL RIVER OBSERVATIONS AND SHORE STATION ANALYSES, R9E

Grab Date and Time: 08/26/2003 09:35
Sample Location: 5-SG-R9E Sample Type: RIV Approved By: EG
Requestor: BOTTOMLEY Completion Date: 09/22/2003
Sample No: SJ92806

CONSTITUENT	UNIT	RESULT
PH	PH	8.5
TEMPERATURE	DEG.C.	23.2
DISSOLVED OXYGEN	MG/L O	10.8
AMMONIA NITROGEN	MG/L N	< 0.1
ORGANIC NITROGEN	MG/L N	1.8
NITRATE NITROGEN	MG/L N	1.53
NITRITE NITROGEN	MG/L N	0.284
TOTAL NITROGEN	MG/L N	3.6
CHLORINE RESIDUAL	MG/L CL	< 0.05
TOTAL PHOSPHATE	MG/L PO4	< 0.5

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
 SAN JOSE CREEK WATER RECLAMATION PLANT
 Monthly Monitoring Report for August 2003

WQCB Order No. 95-079
 NPDES No. CA0053911
 Monitoring and Reporting Program No. 5542
 Receiving Water Analysis and Observations
 Station R-9-West, San Gabriel River

Date	8/5/2003	8/12/2003	8/19/2003	8/26/2003
Time	930	1156	925	935
SJ No.	91319	92009	92504	92807
Observations by:	Nakada/Johnson	Nakada/Davis	Nakada/Johnson	Moss/Davis/Zimmerman
Tide (feet)	1.89' Flowing	4.08' Ebbing	2.56' Flowing	4.18' Flowing
Wind Speed & Direction (mph)	6.0mph,S	7.3mph,S	5.0mph,S	2.7mph,S
Weather Conditions	Clear	Clear	Mostly Cloudy	Mostly Sunny
Air Temp. (°C)	25.9	31.0	23.1	24.1
Visibility	N/A	N/A	N/A	N/A
Flow of Receiving Water (MGD)	Normal	Normal	Normal	Normal
Storm Runoff	None	None	None	None
Discharge Flow	N/A	N/A	N/A	N/A
Color of Receiving Water	Pale Yellow	Pale Yellow	Pale Yellow	Pale Yellow
Color of Effluent	Pale Yellow	No color	Pale Yellow	Not observed
Odor of Water	No	No	No	No
Waste - Sewage Origin: Oil, Grease, Sludge, Solids, Foam	No	No	No	No
Type of Floating Solids	No	No	No	No
Aquatic Plant Growth (Floating, Sessile)	Moderate sessile	Sessile, moderate	Moderate sessile	Thin film, sessile
Unusual Events	No	No	No	No
Chlorine Residual (Limit 0.1 mg/L)	<0.05	<0.05	<0.05	<0.05
pH (Limit 6.5-8.5)	8.5	9.2	8.0	8.4
Temperature (°C)	26	30	26	27
Dissolved Oxygen (Limit 5 mg/L)	14	19	10	11
Total Coliforms (MPN/100ml)	600	800	1100	2300

All flows are estimated values

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT
MONITORING REPORT
AUGUST 2003

WQCB Number: 5902R Frequency: B

SAN GABRIEL RIVER OBSERVATIONS AND SHORE STATION ANALYSES, R9W

Grab Date and Time: 08/05/2003 09:30

Sample Location: 5-SG-R9W Sample Type: RIV Approved By: EG

Requestor: BOTTOMLEY Completion Date: 09/22/2003

Sample No: SJ91319

CONSTITUENT	UNIT	RESULT
PH	PH	8.52
TEMPERATURE	DEG.C.	25.8
DISSOLVED OXYGEN	MG/L O	14.2
AMMONIA NITROGEN	MG/L N	< 0.1
ORGANIC NITROGEN	MG/L N	1.4
NITRATE NITROGEN	MG/L N	3.88
NITRITE NITROGEN	MG/L N	0.176
TOTAL NITROGEN	MG/L N	5.4
CHLORINE RESIDUAL	MG/L CL	< 0.05
TOTAL PHOSPHATE	MG/L PO4	0.70
TOTAL COLIFORM	MPN/0.1L	600

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT
MONITORING REPORT
AUGUST 2003

WQCB Number: 5902R Frequency: B

SAN GABRIEL RIVER OBSERVATIONS AND SHORE STATION ANALYSES, R9W

Grab Date and Time: 08/12/2003 11:56
Sample Location: 5-SG-R9W Sample Type: RIV Approved By: EG
Requestor: BOTTOMLEY Completion Date: 09/22/2003
Sample No: SJ92009

CONSTITUENT	UNIT	RESULT
PH	PH	9.20
TEMPERATURE	DEG.C.	30.1
DISSOLVED OXYGEN	MG/L O	19.0
AMMONIA NITROGEN	MG/L N	< 0.1
ORGANIC NITROGEN	MG/L N	1.6
NITRATE NITROGEN	MG/L N	3.78
NITRITE NITROGEN	MG/L N	0.148
TOTAL NITROGEN	MG/L N	5.5
CHLORINE RESIDUAL	MG/L CL	< 0.05
TOTAL PHOSPHATE	MG/L PO4	0.50
TOTAL COLIFORM	MPN/0.1L	800

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT
MONITORING REPORT
AUGUST 2003

WQCB Number: 5902R Frequency: B

N GABRIEL RIVER OBSERVATIONS AND SHORE STATION ANALYSES, R9W

Grab Date and Time: 08/13/2003 10:50
Sample Location: 5-SG-R9W Sample Type: RIV Approved By: EG
Requestor: BOTTOMLEY Completion Date: 09/22/2003
Sample No: SJ92129

CONSTITUENT	UNIT	RESULT
CONDUCTIVITY	UMHOS/CM	1190
TOTAL DISSOLVED SOLIDS	MG/L	726
TOTAL CYANIDE	MG/L	0.007
SULFATE	MG/L	138
CHLORIDE	MG/L	152
MBAS	MG/L	0.1
TOTAL BOD	MG/L	2
TOTAL COD	MG/L	25
LINDANE (GAMMA-BHC)	UG/L	< 0.01
ARSENIC	MG/L	0.0014
MERCURY	MG/L	< 0.00004
NICKEL	MG/L	< 0.020

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT
MONITORING REPORT
AUGUST 2003

WQCB Number: 5902R Frequency: B

SAN GABRIEL RIVER OBSERVATIONS AND SHORE STATION ANALYSES, R9W

Grab Date and Time: 08/19/2003 09:25
Sample Location: 5-SG-R9W Sample Type: RIV Approved By: EG
Requestor: BOTTOMLEY Completion Date: 09/22/2003
Sample No: SJ92504

CONSTITUENT	UNIT	RESULT
PH	PH	8.01
TEMPERATURE	DEG.C.	25.9
DISSOLVED OXYGEN	MG/L O	10.3
AMMONIA NITROGEN	MG/L N	< 0.1
ORGANIC NITROGEN	MG/L N	1.4
NITRATE NITROGEN	MG/L N	4.02
NITRITE NITROGEN	MG/L N	0.230
TOTAL NITROGEN	MG/L N	5.6
CHLORINE RESIDUAL	MG/L CL	< 0.05
TOTAL PHOSPHATE	MG/L PO4	0.60
TOTAL COLIFORM	MPN/0.1L	1100

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT
MONITORING REPORT
AUGUST 2003

WQCB Number: 5902R Frequency: B

SAN GABRIEL RIVER OBSERVATIONS AND SHORE STATION ANALYSES, R9W

Grab Date and Time: 08/26/2003 09:35
Sample Location: 5-SG-R9W Sample Type: RIV Approved By: EG
Requestor: BOTTOMLEY Completion Date: 09/22/2003
Sample No: SJ92807

CONSTITUENT	UNIT	RESULT
PH	PH	8.35
TEMPERATURE	DEG.C.	26.7
DISSOLVED OXYGEN	MG/L O	11.2
AMMONIA NITROGEN	MG/L N	< 0.1
ORGANIC NITROGEN	MG/L N	1.6
NITRATE NITROGEN	MG/L N	3.71
NITRITE NITROGEN	MG/L N	0.219
TOTAL NITROGEN	MG/L N	5.5
CHLORINE RESIDUAL	MG/L CL	< 0.05
TOTAL PHOSPHATE	MG/L PO4	0.80
TOTAL COLIFORM	MPN/0.1L	2300

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT
Monthly Monitoring Report for August 2003

WQCB Order No. 95-079
NPDES No. CA0053911
Monitoring and Reporting Program No. 5542
Receiving Water Analysis and Observations
Station R-A-2, San Gabriel River

Date	8/5/2003
Time	1145
SJ No.	91320
Observations by:	Nakada/Johnson
Tide (feet)	2.82' Flowing
Wind Speed & Direction (mph)	3.9mph,S
Weather Conditions	Clear
Air Temp. (°C)	31.0
Visibility	N/A
Flow of Receiving Water (MGD)	Normal
Storm Runoff	None
Discharge Flow	N/A
Color of Receiving Water	Pale Yellow
Color of Effluent	Not observed
Odor of Water	No
Waste - Sewage Origin: Oil, Grease, Sludge, Solids, Foam	No
Type of Floating Solids	No
Aquatic Plant Growth (Floating, Sessile)	None
Unusual Events	No
Chlorine Residual (Limit 0.1 mg/L)	<0.05
pH (Limit 6.5-8.5)	7.7
Temperature (°C)	30
Dissolved Oxygen (Limit 5 mg/L)	5
Total Coliforms (MPN/100ml)	230

All flows are estimated values

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT
MONITORING REPORT
AUGUST 2003

WQCB Number: 5903R Frequency: B

SAN GABRIEL RIVER OBSERVATIONS AND SHORE STATION ANALYSES, RA2

Grab Date and Time: 08/05/2003 12:00
Sample Location: 5-SG-RA2 Sample Type: RIV Approved By: EG
Requestor: BOTTOMLEY Completion Date: 09/16/2003
Sample No: SJ91292

CONSTITUENT	UNIT	RESULT
CONDUCTIVITY	UMHOS/CM	42200
TOTAL DISSOLVED SOLIDS	MG/L	29700
SULFATE	MG/L	2100
CHLORIDE	MG/L	14600
PHENOLS	MG/L	0.015
MBAS	MG/L	< 0.10
TOTAL BOD	MG/L	3
ARSENIC	MG/L	0.0014
DIBENZO(A,H)ANTHRACENE	UG/L	< 0.020
INDENO(1,2,3-C,D)PYRENE	UG/L	< 0.020

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT
MONITORING REPORT
AUGUST 2003

WQCB Number: 5903R Frequency: B

SAN GABRIEL RIVER OBSERVATIONS AND SHORE STATION ANALYSES, RA2

Grab Date and Time: 08/05/2003 11:45
Sample Location: 5-SG-RA2 Sample Type: RIV Approved By: EG
Requestor: BOTTOMLEY Completion Date: 09/22/2003
Sample No: SJ91320

CONSTITUENT	UNIT	RESULT
PH	PH	7.68
TEMPERATURE	DEG.C.	29.9
DISSOLVED OXYGEN	MG/L O	5.3
AMMONIA NITROGEN	MG/L N	0.1
ORGANIC NITROGEN	MG/L N	1.5
NITRATE NITROGEN	MG/L N	0.80
NITRITE NITROGEN	MG/L N	0.096
TOTAL NITROGEN	MG/L N	2.5
TOTAL PHOSPHATE	MG/L PO4	0.90
TOTAL COLIFORM	MPN/0.1L	230
TOTAL COD	MG/L O	194

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT
MONITORING REPORT
AUGUST 2003

WQCB Number: 5903R Frequency: B

SAN GABRIEL RIVER OBSERVATIONS AND SHORE STATION ANALYSES, RA2

Grab Date and Time: 08/12/2003 09:25
Sample Location: 5-SG-RA2 Sample Type: RIV Approved By: EG
Requestor: BOTTOMLEY Completion Date: 09/22/2003
Sample No: SJ92010

CONSTITUENT	UNIT	RESULT
PH	PH	7.59
TEMPERATURE	DEG.C.	28.3
DISSOLVED OXYGEN	MG/L O	5.3
AMMONIA NITROGEN	MG/L N	0.2
ORGANIC NITROGEN	MG/L N	0.9
NITRATE NITROGEN	MG/L N	0.99
NITRITE NITROGEN	MG/L N	0.092
TOTAL NITROGEN	MG/L N	2.2
TOTAL PHOSPHATE	MG/L PO4	< 0.5

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT
MONITORING REPORT
AUGUST 2003

WQCB Number: 5903R Frequency: B

SAN GABRIEL RIVER OBSERVATIONS AND SHORE STATION ANALYSES, RA2

Grab Date and Time: 08/19/2003 10:10
Sample Location: 5-SG-RA2 Sample Type: RIV Approved By: EG
Requestor: BOTTOMLEY Completion Date: 09/22/2003
Sample No: SJ92505

CONSTITUENT	UNIT	RESULT
PH	PH	7.65
TEMPERATURE	DEG.C.	27.1
DISSOLVED OXYGEN	MG/L O	3.8
AMMONIA NITROGEN	MG/L N	0.2
ORGANIC NITROGEN	MG/L N	0.8
NITRATE NITROGEN	MG/L N	0.84
NITRITE NITROGEN	MG/L N	0.088
TOTAL NITROGEN	MG/L N	1.9
TOTAL PHOSPHATE	MG/L PO4	0.50

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT
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AUGUST 2003

WQCB Number: 5903R Frequency: B

SAN GABRIEL RIVER OBSERVATIONS AND SHORE STATION ANALYSES, RA2

Grab Date and Time: 08/26/2003 13:15
Sample Location: 5-SG-RA2 Sample Type: RIV Approved By: EG
Requestor: BOTTOMLEY Completion Date: 09/22/2003
Sample No: SJ92808

CONSTITUENT	UNIT	RESULT
PH	PH	7.84
TEMPERATURE	DEG.C.	27.5
DISSOLVED OXYGEN	MG/L O	5.6
AMMONIA NITROGEN	MG/L N	0.1
ORGANIC NITROGEN	MG/L N	1.6
NITRATE NITROGEN	MG/L N	1.15
NITRITE NITROGEN	MG/L N	0.138
TOTAL NITROGEN	MG/L N	3.0
TOTAL PHOSPHATE	MG/L PO4	< 0.5

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT
Monthly Monitoring Report for August 2003

WQCB Order No. 95-079
NPDES No. CA0053911
Monitoring and Reporting Program No. 5542
Receiving Water Analysis and Observations
Station R-6, San Gabriel River

Date	8/5/2003
Time	1125
SJ No.	91321
Observations by:	Nakada/Johnson
Tide (feet)	2.61' Flowing
Wind Speed & Direction (mph)	3.0mph,S
Weather Conditions	Clear
Air Temp. (°C)	31.5
Visibility	N/A
Flow of Receiving Water (MGD)	Normal
Storm Runoff	None
Discharge Flow	N/A
Color of Receiving Water	No Color
Color of Effluent	Not observed
Odor of Water	No
Waste - Sewage Origin: Oil, Grease, Sludge, Solids, Foam	No
Type of Floating Solids	No
Aquatic Plant Growth (Floating, Sessile)	None
Unusual Events	No
Chlorine Residual (Limit 0.1 mg/L)	<0.05
pH (Limit 6.5-8.5)	8.0
Temperature (°C)	25
Dissolved Oxygen (Limit 5 mg/L)	7
Total Coliforms (MPN/100ml)	800

All flows are estimated values

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT
MONITORING REPORT
AUGUST 2003

WQCB Number: 5903R Frequency: B

SAN GABRIEL RIVER OBSERVATIONS AND SHORE STATION ANALYSES, R6

Grab Date and Time: 08/05/2003 11:25
Sample Location: 5-SG-R6 Sample Type: RIV Approved By: EG
Requestor: BOTTOMLEY Completion Date: 09/25/2003
Sample No: SJ91291

CONSTITUENT	UNIT	RESULT
CONDUCTIVITY	UMHOS/CM	40900
TOTAL DISSOLVED SOLIDS	MG/L	28350
SULFATE	MG/L SO4	1970
CHLORIDE	MG/L CL	13700
MBAS	MG/L	< 0.10

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT
MONITORING REPORT
AUGUST 2003

WQCB Number: 5903R Frequency: B

SAN GABRIEL RIVER OBSERVATIONS AND SHORE STATION ANALYSES, R6

Grab Date and Time: 08/05/2003 11:25
Sample Location: 5-SG-R6 Sample Type: RIV Approved By: EG
Requestor: BOTTOMLEY Completion Date: 09/22/2003
Sample No: SJ91321

CONSTITUENT	UNIT	RESULT
PH	PH	7.96
TEMPERATURE	DEG.C.	25.4
DISSOLVED OXYGEN	MG/L O	6.7
AMMONIA NITROGEN	MG/L N	< 0.1
ORGANIC NITROGEN	MG/L N	0.4
NITRATE NITROGEN	MG/L N	0.60
NITRITE NITROGEN	MG/L N	0.064
TOTAL NITROGEN	MG/L N	1.1
TOTAL PHOSPHATE	MG/L PO4	< 0.5
TOTAL COLIFORM	MPN/0.1L	800
TOTAL BOD	MG/L O	< 2
TOTAL COD	MG/L O	196

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT
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AUGUST 2003

WQCB Number: 5903R Frequency: B

SAN GABRIEL RIVER OBSERVATIONS AND SHORE STATION ANALYSES, R6

Grab Date and Time: 08/12/2003 10:05
Sample Location: 5-SG-R6 Sample Type: RIV Approved By: EG
Requestor: BOTTOMLEY Completion Date: 09/22/2003
Sample No: SJ92011

CONSTITUENT	UNIT	RESULT
PH	PH	7.98
TEMPERATURE	DEG.C.	26.4
DISSOLVED OXYGEN	MG/L O	6.3
AMMONIA NITROGEN	MG/L N	< 0.1
ORGANIC NITROGEN	MG/L N	0.2
NITRATE NITROGEN	MG/L N	0.30
NITRITE NITROGEN	MG/L N	0.022
TOTAL NITROGEN	MG/L N	0.52
TOTAL PHOSPHATE	MG/L PO4	< 0.5

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT
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AUGUST 2003

WQCB Number: 5903R Frequency: B

SAN GABRIEL RIVER OBSERVATIONS AND SHORE STATION ANALYSES, R6

Grab Date and Time: 08/19/2003 10:35
Sample Location: 5-SG-R6 Sample Type: RIV Approved By: EG
Requestor: BOTTOMLEY Completion Date: 09/22/2003
Sample No: SJ92506

CONSTITUENT	UNIT	RESULT
PH	PH	7.97
TEMPERATURE	DEG.C.	24.9
DISSOLVED OXYGEN	MG/L O	6.0
AMMONIA NITROGEN	MG/L N	< 0.1
ORGANIC NITROGEN	MG/L N	0.4
NITRATE NITROGEN	MG/L N	1.49
NITRITE NITROGEN	MG/L N	0.087
TOTAL NITROGEN	MG/L N	2.0
TOTAL PHOSPHATE	MG/L PO4	< 0.5

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT
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AUGUST 2003

WQCB Number: 5903R Frequency: B

SAN GABRIEL RIVER OBSERVATIONS AND SHORE STATION ANALYSES, R6

Grab Date and Time: 08/26/2003 09:15
Sample Location: 5-SG-R6 Sample Type: RIV Approved By: EG
Requestor: BOTTOMLEY Completion Date: 09/22/2003
Sample No: SJ92809

CONSTITUENT	UNIT	RESULT
PH	PH	7.95
TEMPERATURE	DEG.C.	25.5
DISSOLVED OXYGEN	MG/L O	6.2
AMMONIA NITROGEN	MG/L N	< 0.1
ORGANIC NITROGEN	MG/L N	0.2
NITRATE NITROGEN	MG/L N	0.51
NITRITE NITROGEN	MG/L N	0.036
TOTAL NITROGEN	MG/L N	0.75
TOTAL PHOSPHATE	MG/L PO4	< 0.5

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT
Monthly Monitoring Report for August 2003

WQCB Order No. 95-079
NPDES No. CA0053911
Monitoring and Reporting Program No. 5542
Receiving Water Analysis and Observations
Station R-7, San Gabriel River

Date	8/5/2003
Time	1110
SJ No.	91322
Observations by:	Nakada/Johnson
Tide (feet)	2.46' Flowing
Wind Speed & Direction (mph)	4.0mph,S
Weather Conditions	Clear
Air Temp. (°C)	28.2
Visibility	N/A
Flow of Receiving Water (MGD)	Normal
Storm Runoff	None
Discharge Flow	N/A
Color of Receiving Water	No Color
Color of Effluent	Not observed
Odor of Water	No
Waste - Sewage Origin: Oil, Grease, Sludge, Solids, Foam	No
Type of Floating Solids	No
Aquatic Plant Growth (Floating, Sessile)	None
Unusual Events	No
Chlorine Residual (Limit 0.1 mg/L)	<0.05
pH (Limit 6.5-8.5)	8.0
Temperature (°C)	25
Dissolved Oxygen (Limit 5 mg/L)	7
Total Coliforms (MPN/100ml)	22

All flows are estimated values

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT
MONITORING REPORT
AUGUST 2003

WQCB Number: 5903R Frequency: B

SAN GABRIEL RIVER OBSERVATIONS AND SHORE STATION ANALYSES, R7

Grab Date and Time: 08/05/2003 11:10
Sample Location: 5-SG-R7 Sample Type: RIV Approved By: EG
Requestor: BOTTOMLEY Completion Date: 09/16/2003
Sample No: SJ91290

CONSTITUENT	UNIT	RESULT
CONDUCTIVITY	UMHOS/CM	49500
TOTAL DISSOLVED SOLIDS	MG/L	34730
TOTAL NITROGEN	MG/L N	84230
SULFATE	MG/L SO4	2490
CHLORIDE	MG/L CL	17400
MBAS	MG/L	< 0.10
TOTAL BOD	MG/L O	< 2

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT
MONITORING REPORT
AUGUST 2003

WQCB Number: 5903R Frequency: B

SAN GABRIEL RIVER OBSERVATIONS AND SHORE STATION ANALYSES, R7

Grab Date and Time: 08/05/2003 11:10
Sample Location: 5-SG-R7 Sample Type: RIV Approved By: EG
Requestor: BOTTOMLEY Completion Date: 09/22/2003
Sample No: SJ91322

CONSTITUENT	UNIT	RESULT
PH	PH	8.03
TEMPERATURE	DEG.C.	25.4
DISSOLVED OXYGEN	MG/L O	7.1
AMMONIA NITROGEN	MG/L N	< 0.1
ORGANIC NITROGEN	MG/L N	< 0.1
NITRATE NITROGEN	MG/L N	0.15
NITRITE NITROGEN	MG/L N	< 0.02
TOTAL NITROGEN	MG/L N	0.2
TOTAL PHOSPHATE	MG/L PO4	< 0.5
TOTAL COLIFORM	MPN/0.1L	22
TOTAL COD	MG/L O	224

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT
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WQCB Number: 5903R Frequency: B

SAN GABRIEL RIVER OBSERVATIONS AND SHORE STATION ANALYSES, R7

Grab Date and Time: 08/12/2003 10:23
Sample Location: 5-SG-R7 Sample Type: RIV Approved By: EG
Requestor: BOTTOMLEY Completion Date: 09/22/2003
Sample No: SJ92012

CONSTITUENT	UNIT	RESULT
PH	PH	8.07
TEMPERATURE	DEG.C.	25.0
DISSOLVED OXYGEN	MG/L O	6.1
AMMONIA NITROGEN	MG/L N	< 0.1
ORGANIC NITROGEN	MG/L N	0.2
NITRATE NITROGEN	MG/L N	< 0.1
NITRITE NITROGEN	MG/L N	< 0.02
TOTAL NITROGEN	MG/L N	0.2
TOTAL PHOSPHATE	MG/L PO4	< 0.5

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT
MONITORING REPORT
AUGUST 2003

WQCB Number: 5903R Frequency: B

SAN GABRIEL RIVER OBSERVATIONS AND SHORE STATION ANALYSES, R7

Grab Date and Time: 08/19/2003 10:45
Sample Location: 5-SG-R7 Sample Type: RIV Approved By: EG
Requestor: BOTTOMLEY Completion Date: 09/22/2003
Sample No: SJ92507

CONSTITUENT	UNIT	RESULT
PH	PH	8.12
TEMPERATURE	DEG.C.	23.8
DISSOLVED OXYGEN	MG/L O	7.1
AMMONIA NITROGEN	MG/L N	< 0.1
ORGANIC NITROGEN	MG/L N	0.2
NITRATE NITROGEN	MG/L N	0.12
NITRITE NITROGEN	MG/L N	< 0.02
TOTAL NITROGEN	MG/L N	0.3
TOTAL PHOSPHATE	MG/L PO4	< 0.5

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT
MONITORING REPORT
AUGUST 2003

WQCB Number: 5903R Frequency: B

SAN GABRIEL RIVER OBSERVATIONS AND SHORE STATION ANALYSES, R7

Grab Date and Time: 08/26/2003 09:00
Sample Location: 5-SG-R7 Sample Type: RIV Approved By: EG
Requestor: BOTTOMLEY Completion Date: 09/22/2003
Sample No: SJ92810

CONSTITUENT	UNIT	RESULT
PH	PH	8
TEMPERATURE	DEG.C.	22.4
DISSOLVED OXYGEN	MG/L O	6.8
AMMONIA NITROGEN	MG/L N	< 0.1
ORGANIC NITROGEN	MG/L N	0.1
NITRATE NITROGEN	MG/L N	< 0.5
NITRITE NITROGEN	MG/L N	< 0.02
TOTAL NITROGEN	MG/L N	0.1
TOTAL PHOSPHATE	MG/L PO4	< 0.5

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
 SAN JOSE CREEK WATER RECLAMATION PLANT
 Monthly Monitoring Report for August 2003

WQCB Order No. 95-079
 NPDES No. CA0053911
 Monitoring and Reporting Program No. 5542
 Receiving Water Analysis and Observations
 Station R-8, San Gabriel River

Date	8/5/2003	8/12/2003	8/19/2003	8/26/2003
Time	1035	1040	1100	837
SJ No.	91323	92013	92508	92811
Observations by:	Nakada/Johnson	Nakada/Davis	Nakada/Johnson	Moss/Davis/Zimmerman
Tide (feet)	2.17' Flowing	4.28' Flowing	3.06' Flowing	3.72' Flowing
Wind Speed & Direction (mph)	3.0mph,S	7mph,S	11.0mph,SE	No wind
Weather Conditions	Clear	Clear	Clear	Partly Cloudy
Air Temp. (°C)	28.5	22.2	26.4	21.1
Visibility	N/A	N/A	N/A	N/A
Flow of Receiving Water (MGD)	Normal	Normal	Normal	Normal
Storm Runoff	None	None	None	None
Discharge Flow	N/A	N/A	N/A	N/A
Color of Receiving Water	No Color	None	No Color	No Color
Color of Effluent	Not observed	Not observed	Not observed	Not observed
Odor of Water	No	No	No	No
Waste - Sewage Origin: Oil, Grease, Sludge, Solids, Foam	No	No	No	No
Type of Floating Solids	No	No	No	No
Aquatic Plant Growth (Floating, Sessile)	None	None	None	None
Unusual Events	No	No	No	No
Chlorine Residual (Limit 0.1 mg/L)	<0.05	N/A	N/A	N/A
pH (Limit 6.5-8.5)	8.0	8.0	8.1	7.9
Temperature (°C)	23	24	24	22
Dissolved Oxygen (Limit 5 mg/L)	8	7	7	7
Total Coliforms (MPN/100ml)	170	11	17	130

All flows are estimated values

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT
MONITORING REPORT
AUGUST 2003

WQCB Number: 5900R Frequency: B

SAN GABRIEL RIVER OBSERVATIONS AND SHORE STATION ANALYSES, R8

Grab Date and Time: 08/05/2003 10:35
Sample Location: 5-SG-R8 Sample Type: RIV Approved By: EG
Requestor: BOTTOMLEY Completion Date: 09/16/2003
Sample No: SJ91289

CONSTITUENT	UNIT	RESULT
PHENOLS	MG/L	< 0.050
ARSENIC	MG/L	0.0012
DIBENZO(A,H)ANTHRACENE	UG/L	< 0.020
INDENO(1,2,3-C,D)PYRENE	UG/L	< 0.020

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT
MONITORING REPORT
AUGUST 2003

WQCB Number: 5900R Frequency: B

SAN GABRIEL RIVER OBSERVATIONS AND SHORE STATION ANALYSES, R8

Grab Date and Time: 08/05/2003 10:35
Sample Location: 5-SG-R8 Sample Type: RIV Approved By: EG
Requestor: BOTTOMLEY Completion Date: 09/22/2003
Sample No: SJ91323

CONSTITUENT	UNIT	RESULT
PH	PH	8.01
CONDUCTIVITY	UMHOS/CM	48200
TEMPERATURE	DEG.C.	22.8
DISSOLVED OXYGEN	MG/L O	7.5
AMMONIA NITROGEN	MG/L N	< 0.1
ORGANIC NITROGEN	MG/L N	0.2
NITRATE NITROGEN	MG/L N	0.38
NITRITE NITROGEN	MG/L N	0.026
TOTAL NITROGEN	MG/L N	0.6
TOTAL PHOSPHATE	MG/L PO4	< 0.5
MBAS	MG/L LAS	< 0.10
TOTAL COLIFORM	MPN/0.1L	170
TOTAL BOD	MG/L O	< 2
TOTAL COD	MG/L O	175

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT
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AUGUST 2003

WQCB Number: 5900R Frequency: B

SAN GABRIEL RIVER OBSERVATIONS AND SHORE STATION ANALYSES, R8

Grab Date and Time: 08/12/2003 10:40
Sample Location: 5-SG-R8 Sample Type: RIV Approved By: EG
Requestor: BOTTOMLEY Completion Date: 09/22/2003
Sample No: SJ92013

CONSTITUENT	UNIT	RESULT
PH	PH	8.04
CONDUCTIVITY	UMHOS/CM	50200
TEMPERATURE	DEG.C.	24.4
DISSOLVED OXYGEN	MG/L O	6.6
AMMONIA NITROGEN	MG/L N	< 0.1
ORGANIC NITROGEN	MG/L N	0.2
NITRATE NITROGEN	MG/L N	< 0.1
NITRITE NITROGEN	MG/L N	< 0.02
TOTAL NITROGEN	MG/L N	0.2
TOTAL PHOSPHATE	MG/L PO4	< 0.5
MBAS	MG/L LAS	< 0.10
TOTAL COLIFORM	MPN/0.1L	11
TOTAL BOD	MG/L O	< 2
TOTAL COD	MG/L O	181

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT
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AUGUST 2003

WQCB Number: 5900R Frequency: B

SAN GABRIEL RIVER OBSERVATIONS AND SHORE STATION ANALYSES, R8

Grab Date and Time: 08/19/2003 11:00
Sample Location: 5-SG-R8 Sample Type: RIV Approved By: EG
Requestor: BOTTOMLEY Completion Date: 09/22/2003
Sample No: SJ92508

CONSTITUENT	UNIT	RESULT
PH	PH	8.12
CONDUCTIVITY	UMHOS/CM	48900
TEMPERATURE	DEG.C.	23.5
DISSOLVED OXYGEN	MG/L O	7.2
AMMONIA NITROGEN	MG/L N	< 0.1
ORGANIC NITROGEN	MG/L N	0.3
NITRATE NITROGEN	MG/L N	0.25
NITRITE NITROGEN	MG/L N	< 0.02
TOTAL NITROGEN	MG/L N	0.6
TOTAL PHOSPHATE	MG/L PO4	< 0.5
MBAS	MG/L LAS	< 0.10
TOTAL COLIFORM	MPN/0.1L	17
TOTAL BOD	MG/L O	< 2
TOTAL COD	MG/L O	114

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT
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AUGUST 2003

WQCB Number: 5900R Frequency: B

SAN GABRIEL RIVER OBSERVATIONS AND SHORE STATION ANALYSES, R8

Grab Date and Time: 08/26/2003 08:37
Sample Location: 5-SG-R8 Sample Type: RIV Approved By: EG
Requestor: BOTTOMLEY Completion Date: 09/22/2003
Sample No: SJ92811

CONSTITUENT	UNIT	RESULT
PH	PH	7.93
CONDUCTIVITY	UMHOS/CM	49100
TEMPERATURE	DEG.C.	22.4
DISSOLVED OXYGEN	MG/L O	6.6
AMMONIA NITROGEN	MG/L N	< 0.1
ORGANIC NITROGEN	MG/L N	0.2
NITRATE NITROGEN	MG/L N	< 0.5
NITRITE NITROGEN	MG/L N	< 0.02
TOTAL NITROGEN	MG/L N	0.2
TOTAL PHOSPHATE	MG/L PO4	< 0.5
MBAS	MG/L LAS	< 0.10
TOTAL COLIFORM	MPN/0.1L	130
TOTAL BOD	MG/L O	< 2
TOTAL COD	MG/L O	169

ADDITIONAL RECEIVING WATER MONITORING DATA

San Jose Creek Water Reclamation Plant, East & West

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT
MONITORING REPORT
AUGUST 2003

WQCB Number: 5900R Frequency: B

SAN GABRIEL RIVER OBSERVATIONS AND SHORE STATION ANALYSES,R11

Grab Date and Time: 08/27/2003 09:35
Sample Location: 5-SG-R11 Sample Type: RIV Approved By: EG
Requestor: BOTTOMLEY Completion Date: 09/22/2003
Sample No: SJ92903

CONSTITUENT	UNIT	RESULT
PH	PH	7.72
TEMPERATURE	DEG.C.	26.4
DISSOLVED OXYGEN	MG/L O	8
AMMONIA NITROGEN	MG/L N	0.8
ORGANIC NITROGEN	MG/L N	1.7
NITRATE NITROGEN	MG/L N	5.54
NITRITE NITROGEN	MG/L N	0.118
TOTAL NITROGEN	MG/L N	8.2
CHLORINE RESIDUAL	MG/L CL	< 0.05
TOTAL PHOSPHATE	MG/L PO4	0.50
TOTAL COLIFORM	MPN/0.1L	1300

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT
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AUGUST 2003

WQCB Number: 5900R Frequency: B

SAN GABRIEL RIVER OBSERVATIONS AND SHORE STATION ANALYSES,R11

Grab Date and Time: 08/07/2003 11:05
Sample Location: 5-SG-R11 Sample Type: RIV Approved By: EG
Requestor: BOTTOMLEY Completion Date: 09/22/2003
Sample No: SJ91491

CONSTITUENT	UNIT	RESULT
PH	PH	7.72
TEMPERATURE	DEG.C.	26.8
DISSOLVED OXYGEN	MG/L O	8.8
AMMONIA NITROGEN	MG/L N	1.5
ORGANIC NITROGEN	MG/L N	2.4
NITRATE NITROGEN	MG/L N	4.47
NITRITE NITROGEN	MG/L N	0.141
TOTAL NITROGEN	MG/L N	8.5
CHLORINE RESIDUAL	MG/L CL	< 0.05
TOTAL PHOSPHATE	MG/L PO4	1.60
TOTAL COLIFORM	MPN/0.1L	2200

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT
MONITORING REPORT
AUGUST 2003

WQCB Number: 5900R Frequency: B

SAN GABRIEL RIVER OBSERVATIONS AND SHORE STATION ANALYSES,R11

Grab Date and Time: 08/13/2003 12:30
Sample Location: 5-SG-R11 Sample Type: RIV Approved By: EG
Requestor: BOTTOMLEY Completion Date: 09/22/2003
Sample No: SJ92152

CONSTITUENT	UNIT	RESULT
PH	PH	8.01
TEMPERATURE	DEG.C.	28.5
DISSOLVED OXYGEN	MG/L O	9.3
AMMONIA NITROGEN	MG/L N	4.3
ORGANIC NITROGEN	MG/L N	2.1
NITRATE NITROGEN	MG/L N	5.74
NITRITE NITROGEN	MG/L N	0.230
TOTAL NITROGEN	MG/L N	12.3
CHLORINE RESIDUAL	MG/L CL	< 0.05
TOTAL PHOSPHATE	MG/L PO4	2.20
TOTAL COLIFORM	MPN/0.1L	2300

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT
MONITORING REPORT
AUGUST 2003

WQCB Number: 5900R Frequency: B

SAN GABRIEL RIVER OBSERVATIONS AND SHORE STATION ANALYSES,R11

Grab Date and Time: 08/20/2003 09:40
Sample Location: 5-SG-R11 Sample Type: RIV Approved By: EG
Requestor: BOTTOMLEY Completion Date: 09/22/2003
Sample No: SJ92572

CONSTITUENT	UNIT	RESULT
PH	PH	7.80
TEMPERATURE	DEG.C.	27.2
DISSOLVED OXYGEN	MG/L O	8.3
AMMONIA NITROGEN	MG/L N	1.1
ORGANIC NITROGEN	MG/L N	2.0
NITRATE NITROGEN	MG/L N	5.80
NITRITE NITROGEN	MG/L N	0.174
TOTAL NITROGEN	MG/L N	9.1
CHLORINE RESIDUAL	MG/L CL	< 0.05
TOTAL PHOSPHATE	MG/L PO4	0.60
TOTAL COLIFORM	MPN/0.1L	1700

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
SAN JOSE CREEK WATER RECLAMATION PLANT
MONITORING REPORT
AUGUST 2003

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SAN GABRIEL RIVER OBSERVATIONS AND SHORE STATION ANALYSES,R11

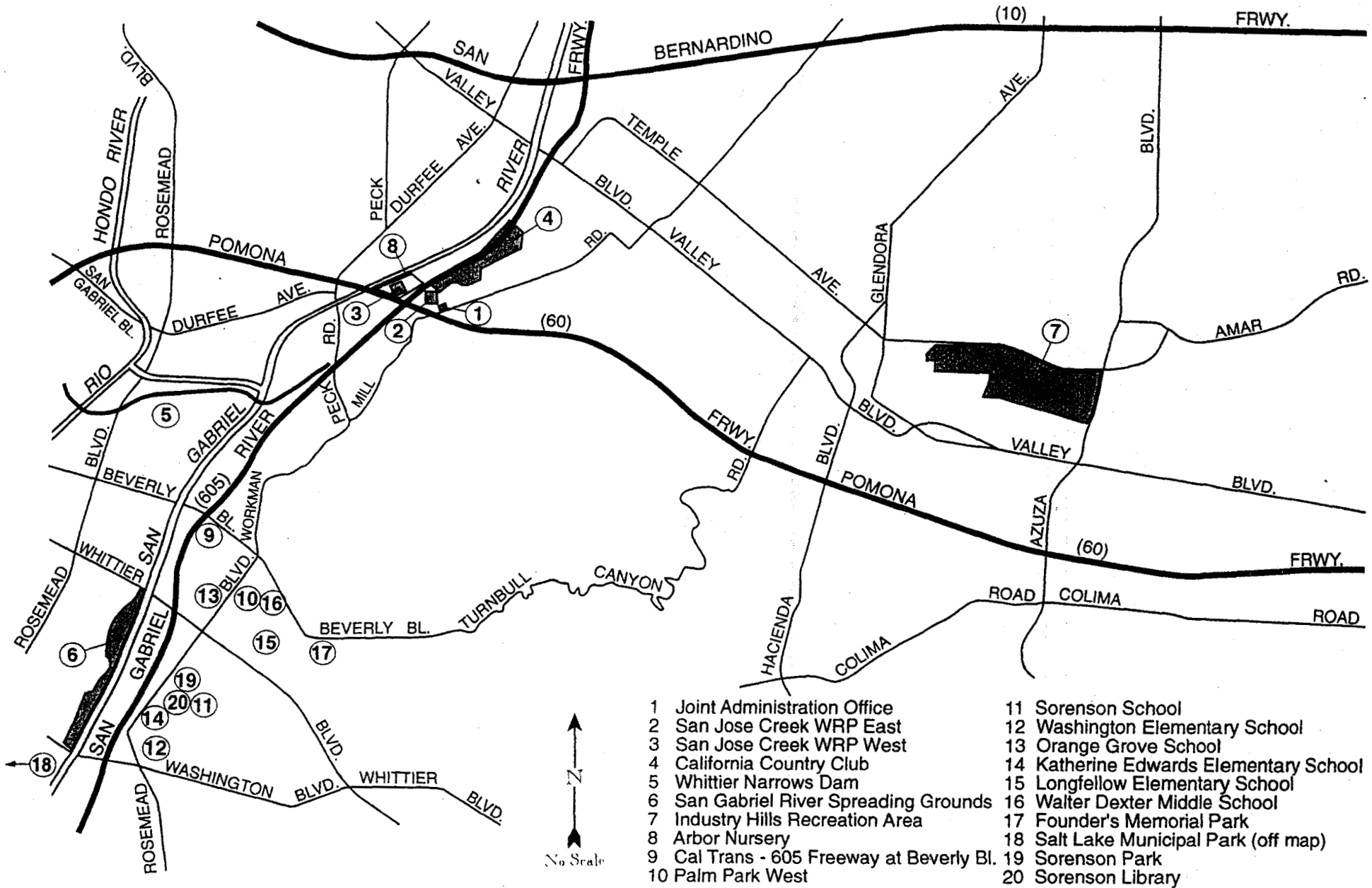
Grab Date and Time: 08/14/2003 08:25
Sample Location: 5-SG-R11 Sample Type: RIV Approved By: EG
Requestor: BOTTOMLEY Completion Date: 10/01/2003
Sample No: SJ92191

CONSTITUENT	UNIT	RESULT
CONDUCTIVITY	UMHOS/CM	1210
TOTAL DISSOLVED SOLIDS	MG/L	760
SULFATE	MG/L SO4	182
CHLORIDE	MG/L CL	159
MBAS	MG/L LAS	< 0.05
TOTAL BOD	MG/L O	< 4
TOTAL COD	MG/L O	22
COPPER	MG/L	< 0.008
LEAD	MG/L	< 0.02
ZINC	MG/L	0.079

REUSE SITE MAPS

San Jose Creek Water Reclamation Plant

San Jose Creek WRP Reuse Sites



REUSE TABLES

San Jose Creek Water Reclamation Plant, East & West

SAN JOSE CREEK WATER RECLAMATION PLANT - AUGUST 2003
 RECLAIMED WATER USE MONITORING REPORT
 WQCB ORDER NO. 87-50
 MONITORING AND REPORTING PROGRAM NO. 6372

REUSE SITE	Reclaimed Water Delivered and Used (million gallons)		Irrigable Area (acres)	Type of Use
	Daily Mean	Monthly Total		
California Country Club	0.742	23.003	120	Landscape Irrigation and Impoundments
Industry Hills Recreation Area	1.708	52.950	600	
Arbor Nursery	0.009	0.284	5	Ornamental Plant Irrigation
Puente Hills Landfill	1.551	48.073	240	Landscape Irrigation *
	0.385	11.944	200	Dust Control
Puente Hills Gas-to-Energy Facility (PERG)	0.668	20.722		Cooling Towers
Rose Hills Memorial Park	0.713	22.102	107	Landscape Irrigation
J & M Farming (Rose Hills)	0.262	8.137	69	Food Crop Irrigation
TOTAL	6.039	187.215	1,341	

* Estimate

SAN JOSE CREEK WATER RECLAMATION PLANT - AUGUST 2003
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Central Basin Municipal Water District
 Rio Hondo System

City of Santa Fe Springs

REUSE SITE	Reclaimed Water Delivered and Used * (million gallons)		Irrigable Area (acres)	Type of Use
	Daily Mean	Monthly Total		
Field, S/W corner Norwalk/Telegraph	0.010	0.309	5.2	Landscape Irrigation
SUBTOTAL	0.010	0.309	5.2	

San Gabriel Valley Water Company

Washington Elementary School	0.009	0.283	5	Athletic Field Irrigation:
Sorenson Elementary School	0.011	0.329	4	
Katherine Edwards School	0.050	1.550	19	Whittier City School Dist.
Sorenson Park	0.040	1.228	10.7	Landscape
Sorenson Library	0.001	0.029	0.4	Irrigation
SUBTOTAL	0.110	3.420	39.1	

City of Whittier

CalTrans - 605 Fwy. at Beverly Blvd.	0.040	1.225	30	Landscape
Palm Park West	0.027	0.840	5	
Founder's Memorial Park	0.028	0.853	4	Irrigation
Orange Grove Elementary School	0.016	0.482	6.6	Athletic Field Irrigation:
Longfellow Elementary School	0.009	0.283	4.5	
Walter Dexter Middle School	0	0	15.5	Whittier City School Dist.
SUBTOTAL	0.119	3.684	65.6	

City of Huntington Park

Salt Lake Municipal Park	0.113	3.492	20.9	Landscape Irrigation
SUBTOTAL	0.113	3.492	20.9	

City of Cudahy

Lugo Park	0.011	0.329	7	Landscape Irrigation
SUBTOTAL	0.011	0.329	7	

City of Pico Rivera

River Ridge Golf Course	0.051	1.596	21.3	Landscape Irrigation
SUBTOTAL	0.051	1.596	21.3	

Rio Hondo Reclaimed Water Distribution System

TOTAL	0.414	12.831	58.2	
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* Data supplied by Central Basin MWD.

SAN JOSE CREEK WATER RECLAMATION PLANT - AUGUST 2003
 RECLAIMED WATER USE MONITORING REPORT
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Upper San Gabriel Valley Municipal Water District
 Rio Hondo System Extension

San Gabriel Valley Water Company

REUSE SITE	Reclaimed Water Delivered and Used * (million gallons)		Irrigable Area (acres)	Type of Use
	Daily Mean	Monthly Total		
Mill Elementary School	0.004	0.124	15	Landscape and Athletic Field Irrigation
Rio Hondo College	0.037	1.160	85	
SUBTOTAL	0.041	1.283	100	

* Data supplied by Central Basin MWD.