2014 ANNUAL REPORT

INDUSTRIAL WASTE PRETREATMENT PROGRAM

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

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APPENDIX G

PRIORITY POLLUTANT MONITORING AT TREATMENT PLANTS WHICH ACCEPT INDUSTRIAL WASTEWATER

This Appendix contains the results from priority pollutant monitoring at the District's treatment plants which accept industrial wastewater.

Joint Water Pollution Control Plant Influent Monitoring

Joint Water Pollution Control Plant Effluent Monitoring

Joint Water Pollution Control Plant Biosolids Monitoring

Lancaster WRP Influent Monitoring

Lancaster WRP Effluent Monitoring

Lancaster WRP Biosolids Monitoring

Long Beach WRP Influent Monitoring

Long Beach WRP Effluent Monitoring

Los Coyotes WRP Influent Monitoring

Los Coyotes WRP Effluent Monitoring

Palmdale WRP Influent Monitoring

Palmdale WRP Effluent Monitoring

Palmdale WRP Biosolids Monitoring

Pomona WRP Influent Monitoring

Pomona WRP Effluent Monitoring

San Jose Creek WRP, East, Influent Monitoring

San Jose Creek WRP, East, Effluent Monitoring

San Jose Creek WRP, West, Influent Monitoring

San Jose Creek WRP, West, Effluent Monitoring

Saugus WRP Influent Monitoring

Saugus WRP Effluent Monitoring

Valencia WRP Influent Monitoring

Valencia WRP Effluent Monitoring

Valencia WRP Biosolids Monitoring

Whittier Narrows WRP Influent Monitoring

Whittier Narrows WRP Effluent Monitoring

This language applies for data included for the Joint Water Pollution Control Plant (JWPCP) and the Long Beach, Los Coyotes, Pomona, San Jose Creek, Saugus, Valencia, and Whittier Narrows Water Reclamation Plants (WRPs).

1. ORGANIZATION OF THE DATA

Flow and laboratory data sets are presented in separate tables, and statistical summaries follow the data. These data summaries may contain results that were not reported in monthly monitoring reports. Additional data can result from sampling conducted for purposes other than routine monitoring. The additional sampling may have been performed by other agencies (i.e., Regional Board or USEPA) or by the Sanitation Districts for research or as a follow-up to a questionable sample.

2. DETECTION LIMITS

Information in the annual report regarding detection limits is consistent with reporting requirements in the effective permits for the treatment plants. The Method Detection Level (MDL) and Minimum Level (ML)/Reporting Level (RL) for each constituent may have varied throughout the year. These are included directly in the tabular data as a range over the calendar year. Sample results are reported in accordance with the methodology listed below.

1. Sample results greater than or equal to the RL are reported "as measured" by the laboratory (i.e., the measured chemical concentration of the sample).

2. Sample results less than the RL, but greater than or equal to the laboratory's MDL, are reported as "Detected, but Not Quantified", or DNQ. The estimated chemical concentration of the sample is shown as "DNQ, Est. Conc.=___".

3. Sample results less than the laboratory's MDL are reported as "Not Detected", or ND.

3. DATA CALCULATIONS

Calculations of Sums

A few parameters, such as DDT and PCBs, are reported as sums. In those cases, the total detected DDT and total detected PCBs are shown. Results that are below the RL are not included in the sum. Consequently, if none of the isomers/congeners was detected, the total is reported as "ND".

Calculations of Averages

The following conventions are used in the annual report for data when more than one result is available and an average is determined:

- Monthly Averages

  If the data are all detected, an arithmetic average is calculated. When one or more sample results contain one or more reported determinations of DNQ or ND, a median is used in place of the arithmetic mean in accordance with the following procedure:

1. The sample results are ranked from low to high, with reported ND determinations lowest, DNQ determinations next, and finally quantified values (if any). The order of the individual ND or DNQ determinations is unimportant.

2. The median value of the sample results is determined. If the data set has an odd number of data points, then the median is the middle value. If the data set has an even number of data points, then the median is the average of the two values around the middle unless one or both of the points are ND or DNQ, in which case the median value is the lowest of the two data points where DNQ is lower than a quantified value and ND is lower than DNQ.

- Annual Averages

  If the monthly data are all detected, an arithmetic average is calculated. If both detected and ND and/or DNQ data are available, each ND and DNQ value is averaged as a zero with the detected values. If an average of zero is calculated it will be reported as an average of ND.

4. PERMIT LIMITS

A single plant may have several permits and several sets of limits, which, at a maximum, consist of the following:

- **NPDES Permit Limits** for discharge to navigable waterways.

- **Waste Discharge Requirements** for disposal to sites other than those covered by NPDES requirements (e.g., Lancaster and Palmdale WRPs).

- **Reuse Permit Limits** for nonpotable use in irrigation, impoundments, etc.

- **Recharge Limits** for groundwater replenishment in the Montebello Forebay.

Reuse permit limits are not shown in the effluent table. The permits limits may be expressed in terms of an instantaneous maximum, daily average, 7-day average, weekly average, 30-day average, monthly average, and/or 12-month average.

5. PERFORMANCE GOALS

The JWPCP NPDES permit includes effluent quality performance goals for 69 constituents. Selected effluent quality performance goals were assigned for constituents that are regularly detected, and were numerically set using effluent performance data for the period of November 2002 to August 2005 to determine the 95th percentile of the normal distribution. Other constituents that were not detected were assigned performance goals five times (for carcinogens and marine aquatic life toxicants) or ten times (for noncarcinogens) the minimum reporting limits in the 2004 annual report. In other cases, the maximum detected effluent concentration from November 2002 to August 2005 was prescribed as the performance goal.

The performance goals are intended to reflect extreme (i.e., 95th percentile) historical values in plant effluent quality, which resulted from normal variability in the plant operation, the influent water quality, etc. The performance goals are not intended to determine compliance. Instead, the objective of the performance goals is to monitor plant performance by comparing effluent water quality data to the performance goal. For example, a single exceedance of a performance goal may be the result of normal

variability in the data, since such an exceedance can be expected occasionally (i.e., 5 percent of the time) for performance goals set at the 95th percentile. However, if an exceedance of the same goal persists, it may indicate a substantial change in plant performance, influent quality, or other causes not explained by normal and expected variability. In such cases, the JWPCP permit requirements state that the discharger must investigate the reason for the continuing exceedance of the performance goal.

JWPCP Influent Monitoring

JWPCP
2014 INF-001 Monitoring Results

Parameter	Units	January	February	March	April	May	June	July	August	September
1,1-Dichloroethane	ug/L		ND			ND			ND	
1,1-Dichloroethylene	ug/L		ND			ND			ND	
1,1,1-Trichloroethane	ug/L		ND			ND			ND	
1,1,2-Trichloroethane	ug/L		ND			ND			ND	
1,1,2,2-Tetrachloroethane	ug/L		ND			ND			ND	
1,2-Dichlorobenzene	ug/L		ND			ND			ND	
1,2-Dichloroethane	ug/L		ND			ND			ND	
1,2-Dichloropropane	ug/L		ND			ND			ND	
1,2-Diphenylhydrazine	ug/L		ND			ND			ND	
1,2,3,4,6,7,8-HeptaCDD	pg/L		DNQ Est. Conc. 40			DNQ Est. Conc. 19			DNQ Est. Conc. 20	
1,2,3,4,6,7,8-HeptaCDF	pg/L		DNQ Est. Conc. 28			DNQ Est. Conc. 13			DNQ Est. Conc. 7.6	
1,2,3,4,7,8-HexaCDD	pg/L		ND			ND			ND	
1,2,3,4,7,8-HexaCDF	pg/L		ND			DNQ Est. Conc. 5.2			ND	
1,2,3,4,7,8,9-HeptaCDF	pg/L		ND			ND			ND	
1,2,3,6,7,8-HexaCDD	pg/L		ND			DNQ Est. Conc. 1.6			ND	
1,2,3,6,7,8-HexaCDF	pg/L		ND			DNQ Est. Conc. 2.2			ND	
1,2,3,7,8-PentaCDD	pg/L		ND			ND			ND	
1,2,3,7,8-PentaCDF	pg/L		ND			DNQ Est. Conc. 3.2			ND	
1,2,3,7,8,9-HexaCDD	pg/L		ND			DNQ Est. Conc. 1.7			ND	
1,2,3,7,8,9-HexaCDF	pg/L		ND			DNQ Est. Conc. 2.4			ND	
1,2,4-Trichlorobenzene	ug/L		ND			ND			ND	
1,3-Dichlorobenzene	ug/L		ND			ND			ND	
1,3-Dichloropropene	ug/L		ND			ND			ND	
1,4-Dichlorobenzene	ug/L		DNQ Est. Conc. 0.22			DNQ Est. Conc. 0.37			ND	
2-Chloroethylvinyl ether	ug/L		ND			ND			ND	
2-Chloronaphthalene	ug/L		ND			ND			ND	
2-Chlorophenol	ug/L		ND			ND			ND	
2-methyl-4,6-dinitrophenol	ug/L		ND			ND			ND	
2-Nitrophenol	ug/L		ND			ND			ND	
2,3,4,6,7,8-HexaCDF	pg/L		ND			DNQ Est. Conc. 1.5			ND	
2,3,4,7,8-PentaCDF	pg/L		ND			DNQ Est. Conc. 1.6			ND	
2,3,7,8-TCDD	pg/L		ND			DNQ Est. Conc. 1.1			DNQ Est. Conc. 2.2	
2,3,7,8-TetraCDF	pg/L		ND			DNQ Est. Conc. 2.5			DNQ Est. Conc. 1.9	
2,4-Dichlorophenol	ug/L		ND			ND			ND	
2,4-Dimethylphenol	ug/L		ND			13			16	
2,4-Dinitrophenol	ug/L		ND			ND			ND	
2,4-Dinitrotoluene	ug/L		ND			ND			ND	
2,4,6-Trichlorophenol	ug/L		ND			18			6.5	
2,4'-DDD	ug/L		ND			ND			ND	
2,4'-DDE	ug/L		ND			ND			ND	
2,4'-DDT	ug/L		ND			ND			ND	
2,6-Dinitrotoluene	ug/L		ND			ND			ND	
3,3'-Dichlorobenzidine	ug/L		ND			ND			ND	
4-Bromophenyl phenyl ether	ug/L		ND			ND			ND	
4-Chloro-3-methylphenol	ug/L		ND			ND			ND	
4-Chlorophenyl phenyl ether	ug/L		ND			ND			ND	
4-Nitrophenol	ug/L		ND			ND			ND	
4,4'-DDD	ug/L		ND			ND			ND	
4,4'-DDE	ug/L		ND			ND			ND	
4,4'-DDT	ug/L		ND			ND			ND	
Acenaphthene	ug/L		ND			ND			ND	
Acenaphthylene	ug/L		ND			ND			ND	
Acrolein	ug/L		ND			ND			ND	
Acrylonitrile	ug/L		ND			ND			ND	
Aldrin	ug/L		ND			ND			ND	
alpha-Chlordane	ug/L		ND			ND			ND	
alpha-hexachlorocyclohexane	ug/L		ND			ND			ND	
Ammonia Nitrogen	mg/L	42.5	41.9	40.5	44.5	44.4	42.2	40.1	40.2	40.3
Anthracene	ug/L		ND			ND			ND	

Parameter	Units	October	November	December	Monthly Average			Method	ML	MDL	RDL
					Minimum	Average	Maximum				
1,1-Dichloroethane	ug/L		ND		ND	ND	ND	EPA 624	1	0.07 - 0.20	0.50
1,1-Dichloroethylene	ug/L		ND		ND	ND	ND	EPA 624	2	0.13 - 0.32	0.50
1,1,1-Trichloroethane	ug/L		ND		ND	ND	ND	EPA 624	2	0.07 - 0.21	0.50
1,1,2-Trichloroethane	ug/L		ND		ND	ND	ND	EPA 624	2	0.09 - 0.14	0.50
1,1,2,2-Tetrachloroethane	ug/L		ND		ND	ND	ND	EPA 624	1	0.10 - 0.11	0.50
1,2-Dichlorobenzene	ug/L		ND		ND	ND	ND	EPA 624	2	0.07 - 0.16	0.50
1,2-Dichloroethane	ug/L		ND		ND	ND	ND	EPA 624	2	0.09 - 0.11	0.50
1,2-Dichloropropane	ug/L		ND		ND	ND	ND	EPA 624	1	0.09 - 0.18	0.50
1,2-Diphenylhydrazine	ug/L		ND		ND	ND	ND	EPA 625	1	1.2 - 2.5	5.0 - 10
1,2,3,4,6,7,8-HeptaCDD	pg/L		DNQ Est. Conc. 17		DNQ Est. Conc. 17	ND	DNQ Est. Conc. 40	EPA 1613B		0.63 - 1.9	51 - 57
1,2,3,4,6,7,8-HeptaCDF	pg/L		DNQ Est. Conc. 6.0		DNQ Est. Conc. 6.0	ND	DNQ Est. Conc. 28	EPA 1613B		1.0 - 3.4	51 - 57
1,2,3,4,7,8-HexaCDD	pg/L		ND		ND	ND	ND	EPA 1613B		0.42 - 1.9	51 - 57
1,2,3,4,7,8-HexaCDF	pg/L		ND		ND	ND	DNQ Est. Conc. 5.2	EPA 1613B		0.41 - 1.1	51 - 57
1,2,3,4,7,8,9-HeptaCDF	pg/L		ND		ND	ND	ND	EPA 1613B		1.4 - 5.1	51 - 57
1,2,3,6,7,8-HexaCDD	pg/L		ND		ND	ND	DNQ Est. Conc. 1.6	EPA 1613B		0.42 - 1.7	51 - 57
1,2,3,6,7,8-HexaCDF	pg/L		ND		ND	ND	DNQ Est. Conc. 2.2	EPA 1613B		0.40 - 1.1	51 - 57
1,2,3,7,8-PentaCDD	pg/L		ND		ND	ND	ND	EPA 1613B		2.2 - 14	51 - 57
1,2,3,7,8-PentaCDF	pg/L		ND		ND	ND	DNQ Est. Conc. 3.2	EPA 1613B		0.47 - 2.9	51 - 57
1,2,3,7,8,9-HexaCDD	pg/L		ND		ND	ND	DNQ Est. Conc. 1.7	EPA 1613B		0.36 - 1.5	51 - 57
1,2,3,7,8,9-HexaCDF	pg/L		ND		ND	ND	DNQ Est. Conc. 2.4	EPA 1613B		0.41 - 1.2	51 - 57
1,2,4-Trichlorobenzene	ug/L		ND		ND	ND	ND	EPA 625	5	2.8 - 5.5	5.0 - 10
1,3-Dichlorobenzene	ug/L		ND		ND	ND	ND	EPA 624	2	0.08 - 0.09	0.50
1,3-Dichloropropene	ug/L		ND		ND	ND	ND	EPA 624	2		0.50
1,4-Dichlorobenzene	ug/L		DNQ Est. Conc. 0.24		ND	ND	DNQ Est. Conc. 0.37	EPA 624	2	0.07 - 0.16	0.50
2-Chloroethylvinyl ether	ug/L		ND		ND	ND	ND	EPA 624	1	0.12 - 0.23	0.50
2-Chloronaphthalene	ug/L		ND		ND	ND	ND	EPA 625	10	2.2 - 4.5	5.0 - 10
2-Chlorophenol	ug/L		ND		ND	ND	ND	EPA 625	5	1.4 - 2.8	5.0 - 10
2-methyl-4,6-dinitrophenol	ug/L		ND		ND	ND	ND	EPA 625	5	8.6 - 17	25 - 50
2-Nitrophenol	ug/L		ND		ND	ND	ND	EPA 625	10	1.3 - 2.6	5.0 - 10
2,3,4,6,7,8-HexaCDF	pg/L		ND		ND	ND	DNQ Est. Conc. 1.5	EPA 1613B		0.39 - 1.0	51 - 57
2,3,4,7,8-PentaCDF	pg/L		ND		ND	ND	DNQ Est. Conc. 1.6	EPA 1613B		0.48 - 3.1	51 - 57
2,3,7,8-TCDD	pg/L		ND		ND	ND	DNQ Est. Conc. 2.2	EPA 1613B		0.34 - 2.4	10 - 11
2,3,7,8-TetraCDF	pg/L		ND		ND	ND	DNQ Est. Conc. 2.5	EPA 1613B		0.36 - 2.3	10 - 11
2,4-Dichlorophenol	ug/L		ND		ND	ND	ND	EPA 625	5	1.3 - 2.6	5.0 - 10
2,4-Dimethylphenol	ug/L		20		ND	12	20	EPA 625	2	1.5 - 3.0	5.0 - 10
2,4-Dinitrophenol	ug/L		ND		ND	ND	ND	EPA 625	5	7.9 - 16	50 - 100
2,4-Dinitrotoluene	ug/L		ND		ND	ND	ND	EPA 625	5	0.90 - 1.8	5.0 - 10
2,4,6-Trichlorophenol	ug/L		ND		ND	6.1	18	EPA 625	10	1.1 - 2.2	5.0 - 10
2,4'-DDD	ug/L		ND		ND	ND	ND	EPA 608		0.001	0.02
2,4'-DDE	ug/L		ND		ND	ND	ND	EPA 608		0.001 - 0.002	0.03
2,4'-DDT	ug/L		ND		ND	ND	ND	EPA 608		0.002 - 0.003	0.02
2,6-Dinitrotoluene	ug/L		ND		ND	ND	ND	EPA 625	5	1.4 - 2.7	5.0 - 10
3,3'-Dichlorobenzidine	ug/L		ND		ND	ND	ND	EPA 625	5	6.0 - 12	25 - 50
4-Bromophenyl phenyl ether	ug/L		ND		ND	ND	ND	EPA 625	5	1.8 - 3.6	5.0 - 10
4-Chloro-3-methylphenol	ug/L		ND		ND	ND	ND	EPA 625	1	1.2 - 2.3	5.0 - 10
4-Chlorophenyl phenyl ether	ug/L		ND		ND	ND	ND	EPA 625	5	2.0 - 4.1	5.0 - 10
4-Nitrophenol	ug/L		ND		ND	ND	ND	EPA 625	10	2.2 - 4.5	25 - 50
4,4'-DDD	ug/L		ND		ND	ND	ND	EPA 608	0.05	0.001 - 0.002	0.02
4,4'-DDE	ug/L		ND		ND	ND	ND	EPA 608	0.05	0.001 - 0.002	0.01
4,4'-DDT	ug/L		ND		ND	ND	ND	EPA 608	0.01	0.001 - 0.003	0.02
Acenaphthene	ug/L		ND		ND	ND	ND	EPA 625	1	1.9 - 3.8	5.0 - 10
Acenaphthylene	ug/L		ND		ND	ND	ND	EPA 625	10	2.0 - 4.0	5.0 - 10
Acrolein	ug/L		ND		ND	ND	ND	EPA 624		1.3 - 1.6	2.0
Acrylonitrile	ug/L		ND		ND	ND	ND	EPA 624		0.20 - 0.92	2.0
Aldrin	ug/L		ND		ND	ND	ND	EPA 608	0.005	0.0009 - 0.002	0.01
alpha-Chlordane	ug/L		ND		ND	ND	ND	EPA 608		0.001	0.02
alpha-hexachlorocyclohexane	ug/L		ND		ND	ND	ND	EPA 608	0.01	0.001 - 0.002	0.06
Ammonia Nitrogen	mg/L	39.2	39.2	37.5	37.5	41.0	44.5	SM 4500 NH3 C		0.240 - 0.400	4.00
Anthracene	ug/L		ND		ND	ND	ND	EPA 625	10	1.7 - 3.4	5.0 - 10

Parameter	Units	January	February	March	April	May	June	July	August	September
Antimony	ug/L		4.19			5.28			3.24	
Aroclor 1016	ug/L		ND			ND			ND	
Aroclor 1221	ug/L		ND			ND			ND	
Aroclor 1232	ug/L		ND			ND			ND	
Aroclor 1242	ug/L		ND			ND			ND	
Aroclor 1248	ug/L		ND			ND			ND	
Aroclor 1254	ug/L		ND			ND			ND	
Aroclor 1260	ug/L		ND			ND			ND	
Arsenic	ug/L	4.34	4.48	4.82	4.69	5.75	5.44	4.80	4.77	4.21
Benzene	ug/L		18.0			31.4			25.1	
Benzidine	ug/L		ND			ND			ND	
Benzo(a)anthracene (1,2-benzanthracene)	ug/L		ND			ND			ND	
Benzo(a)pyrene	ug/L		ND			ND			ND	
Benzo(b)fluoranthene (3,4-benzofluoranthene)	ug/L		ND			ND			ND	
Benzo(g,h,i)perylene (1,12-benzoperylene)	ug/L		ND			ND			ND	
Benzo(k)fluoranthene	ug/L		ND			ND			ND	
Beryllium	ug/L		ND			ND			DNQ Est. Conc. 0.038	
beta-hexachlorocyclohexane	ug/L		ND			ND			ND	
Bis(2-chloro-ethoxy)methane	ug/L		ND			ND			ND	
Bis(2-chloro-isopropyl)ether	ug/L		ND			ND			ND	
Bis(2-chloroethyl)ether	ug/L		ND			ND			ND	
Bis(2-ethylhexyl)phthalate	ug/L		ND			ND			ND	
BOD	mg/L	454	453	467	457	439	426	422	422	404
Bromoform	ug/L		DNQ Est. Conc. 0.18			ND			ND	
Bromomethane	ug/L		ND			0.53			ND	
Butyl benzyl phthalate	ug/L		ND			ND			ND	
Cadmium	ug/L	1.86	0.953	1.6	0.67	0.704	1.3	4.03	1.04	0.93
Carbon tetrachloride	ug/L		ND			ND			ND	
Chlordene-alpha	ug/L		ND			ND			ND	
Chlordene-gamma	ug/L		ND			ND			ND	
Chlorobenzene	ug/L		ND			ND			ND	
Chlorodibromomethane	ug/L		DNQ Est. Conc. 0.36			DNQ Est. Conc. 0.12			DNQ Est. Conc. 0.10	
Chloroethane	ug/L		ND			0.62			ND	
Chloroform	ug/L		18.0			38.9			18.2	
Chloromethane	ug/L		2.2			3.2			3.6	
Chromium (III)	ug/L		24.7			18.6			16.9	
Chromium (VI)	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	DNQ Est. Conc. 0.01
Chrysene	ug/L		ND			ND			ND	
cis-Nonachlor	ug/L		ND			ND			ND	
COD	mg/L	774	748	738	740	721	735	719	728	722
Copper	ug/L	103	106	110	126	108	117	134	150	140
Cyanide, Total	ug/L	17.6	10.4	10.7	18.4	10.7	9.54	5.07	14.0	8.47
delta-hexachlorocyclohexane	ug/L		ND			ND			ND	
Di-n-butyl phthalate	ug/L		ND			ND			ND	
Di-n-octyl phthalate	ug/L		ND			ND			ND	
Dibenzo(a,h)anthracene	ug/L		ND			ND			ND	
Dichlorobromomethane	ug/L		1.1			0.68			DNQ Est. Conc. 0.26	
Dichloromethane	ug/L		2.6			3.8			2.1	
Dieldrin	ug/L		ND			ND			ND	
Diethylphthalate	ug/L		ND			ND			ND	
Dimethylphthalate	ug/L		ND			ND			ND	
Endosulfan sulfate	ug/L		ND			ND			ND	
Endosulfan-alpha	ug/L		ND			ND			ND	
Endosulfan-beta	ug/L		ND			ND			ND	
Endrin aldehyde	ug/L		ND			ND			ND	
Endrin	ug/L		ND			ND			ND	
Ethylbenzene	ug/L		8.6			6.0			6.5	
Fluoranthene	ug/L		ND			ND			ND	
Fluorene	ug/L		ND			ND			ND	
gamma-Chlordane	ug/L		ND			ND			ND	
gamma-hexachlorocyclohexane	ug/L		DNQ Est. Conc. 0.004			ND			ND	

JWPCP
2014 INF-001 Monitoring Results

Parameter	Units	October	November	December	Monthly Average			Method	ML	MDL	RDL
					Minimum	Average	Maximum				
Antimony	ug/L		3.25		3.24	3.99	5.28	EPA 200.8	0.5	0.05 - 0.13	0.50
Aroclor 1016	ug/L		ND		ND	ND	ND	EPA 608	0.5	0.02 - 0.04	0.5
Aroclor 1221	ug/L		ND		ND	ND	ND	EPA 608	0.5	0.2	0.8
Aroclor 1232	ug/L		ND		ND	ND	ND	EPA 608	0.5	0.09 - 0.2	0.5
Aroclor 1242	ug/L		ND		ND	ND	ND	EPA 608	0.5	0.02 - 0.08	0.9
Aroclor 1248	ug/L		ND		ND	ND	ND	EPA 608	0.5	0.02 - 0.04	0.08
Aroclor 1254	ug/L		ND		ND	ND	ND	EPA 608	0.5	0.01 - 0.03	0.4
Aroclor 1260	ug/L		ND		ND	ND	ND	EPA 608	0.5	0.01 - 0.05	0.1
Arsenic	ug/L	4.51	4.71	4.12	4.12	4.72	5.75	EPA 200.8	2	0.16	1.00
Benzene	ug/L		27.4		18.0	25.5	31.4	EPA 624	2	0.10 - 0.24	0.50
Benzidine	ug/L		ND		ND	ND	ND	EPA 625	5	18 - 37	50 - 100
Benzo(a)anthracene (1,2-benzanthracene)	ug/L		ND		ND	ND	ND	EPA 625	5	0.95 - 1.9	5.0 - 10
Benzo(a)pyrene	ug/L		ND		ND	ND	ND	EPA 625	10	0.65 - 1.3	5.0 - 10
Benzo(b)fluoranthene (3,4-benzofluoranthene)	ug/L		ND		ND	ND	ND	EPA 625	10	0.70 - 1.4	5.0 - 10
Benzo(g,h,i)perylene (1,12-benzoperylene)	ug/L		ND		ND	ND	ND	EPA 625	5	0.50 - 1.0	10 - 20
Benzo(k)fluoranthene	ug/L		ND		ND	ND	ND	EPA 625	10	1.1 - 2.2	5.0 - 10
Beryllium	ug/L		DNQ Est. Conc. 0.028		ND	ND	DNQ Est. Conc. 0.038	EPA 200.8	0.5	0.010 - 0.040	0.25
beta-hexachlorocyclohexane	ug/L		ND		ND	ND	ND	EPA 608	0.005	0.002 - 0.003	0.30
Bis(2-chloro-ethoxy)methane	ug/L		ND		ND	ND	ND	EPA 625	5	1.2 - 2.5	5.0 - 10
Bis(2-chloro-isopropyl)ether	ug/L		ND		ND	ND	ND	EPA 625	2	1.9 - 3.8	5.0 - 10
Bis(2-chloroethyl)ether	ug/L		ND		ND	ND	ND	EPA 625	1	1.4 - 2.7	5.0 - 10
Bis(2-ethylhexyl)phthalate	ug/L		ND		ND	ND	ND	EPA 625	5	12 - 23	25 - 50
BOD	mg/L	416	426	443	404	436	467	SM 5210B		0.6	150
Bromoform	ug/L		ND		ND	ND	DNQ Est. Conc. 0.18	EPA 624	2	0.13 - 0.17	0.50
Bromomethane	ug/L		ND		ND	0.13	0.53	EPA 624	2	0.30 - 0.34	0.50
Butyl benzyl phthalate	ug/L		ND		ND	ND	ND	EPA 625	10	0.90 - 1.8	5.0 - 10
Cadmium	ug/L	1.08	0.837	0.84	0.67	1.3	4.03	EPA 200.8	0.25	0.040 - 0.070	0.20
Carbon tetrachloride	ug/L		ND		ND	ND	ND	EPA 624	2	0.07 - 0.28	0.50
Chlordene-alpha	ug/L		ND		ND	ND	ND	EPA 608		0.0003 - 0.0004	0.02
Chlordene-gamma	ug/L		ND		ND	ND	ND	EPA 608		0.002 - 0.005	0.01
Chlorobenzene	ug/L		ND		ND	ND	ND	EPA 624	2	0.08 - 0.17	0.50
Chlorodibromomethane	ug/L		DNQ Est. Conc. 0.32		DNQ Est. Conc. 0.10	ND	DNQ Est. Conc. 0.36	EPA 624	2	0.08 - 0.14	0.50
Chloroethane	ug/L		ND		ND	0.16	0.62	EPA 624	2	0.15 - 0.22	0.50
Chloroform	ug/L		28.6		18.0	25.9	38.9	EPA 624	2	0.09 - 0.18	0.50
Chloromethane	ug/L		1.3		1.3	2.6	3.6	EPA 624	2	0.06 - 0.22	0.50
Chromium (III)	ug/L		30.0		16.9	22.6	30.0	Chromium III Calculation			
Chromium (VI)	ug/L	ND	DNQ Est. Conc. 0.03	DNQ Est. Conc. 0.01	ND	ND	DNQ Est. Conc. 0.03	EPA 218.6 (Dissolved)		0.0048 - 0.02	0.05 - 0.30
Chrysene	ug/L		ND		ND	ND	ND	EPA 625	10	0.95 - 1.9	5.0 - 10
cis-Nonachlor	ug/L		ND		ND	ND	ND	EPA 608		0.0006 - 0.002	0.01
COD	mg/L	729	739	748	719	737	774	SM 5220C (SMicro)		18.2	25.0
Copper	ug/L	109	103	86.5	86.5	116	150	EPA 200.8	0.5	0.04 - 0.08	0.50
Cyanide, Total	ug/L	11.5	13.3	9.24	5.07	11.6	18.4	SM 4500 CN E	5	0.5	5.00
delta-hexachlorocyclohexane	ug/L		ND		ND	ND	ND	EPA 608	0.005	0.003 - 0.004	0.03
Di-n-butyl phthalate	ug/L		ND		ND	ND	ND	EPA 625	10	1.2 - 2.4	5.0 - 10
Di-n-octyl phthalate	ug/L		ND		ND	ND	ND	EPA 625	10	0.95 - 1.9	5.0 - 10
Dibenzo(a,h)anthracene	ug/L		ND		ND	ND	ND	EPA 625	10	0.40 - 0.80	10 - 20
Dichlorobromomethane	ug/L		1.3		DNQ Est. Conc. 0.26	0.77	1.3	EPA 624	2	0.08 - 0.17	0.50
Dichloromethane	ug/L		2.9		2.1	2.9	3.8	EPA 624	2	0.18 - 0.27	0.50
Dieldrin	ug/L		ND		ND	ND	ND	EPA 608	0.01	0.001	0.02
Diethylphthalate	ug/L		ND		ND	ND	ND	EPA 625	2	0.75 - 1.5	5.0 - 10
Dimethylphthalate	ug/L		ND		ND	ND	ND	EPA 625	2	0.90 - 1.8	5.0 - 10
Endosulfan sulfate	ug/L		ND		ND	ND	ND	EPA 608	0.05	0.002 - 0.009	0.02
Endosulfan-alpha	ug/L		ND		ND	ND	ND	EPA 608	0.02	0.001	0.20
Endosulfan-beta	ug/L		ND		ND	ND	ND	EPA 608	0.01	0.001 - 0.003	0.01
Endrin aldehyde	ug/L		ND		ND	ND	ND	EPA 608	0.01	0.001 - 0.002	0.01
Endrin	ug/L		ND		ND	ND	ND	EPA 608	0.01	0.001 - 0.002	0.02
Ethylbenzene	ug/L		6.8		6.0	7.0	8.6	EPA 624	2	0.06 - 0.18	0.50
Fluoranthene	ug/L		ND		ND	ND	ND	EPA 625	1	1.1 - 2.2	5.0 - 10
Fluorene	ug/L		ND		ND	ND	ND	EPA 625	10	1.8 - 3.5	5.0 - 10
gamma-Chlordane	ug/L		ND		ND	ND	ND	EPA 608		0.002	0.02
gamma-hexachlorocyclohexane	ug/L		ND		ND	ND	DNQ Est. Conc. 0.004	EPA 608	0.02	0.0009 - 0.001	0.04

JWPCP
2014 INF-001 Monitoring Results

Parameter	Units	January	February	March	April	May	June	July	August	September
Gross Alpha Radioactivity	pCi/L	2.48	2.43	8.15	3.47	6.05	1.79	2.40	4.23	5.03
Gross Beta Radioactivity	pCi/L	6.16	3.08	9.18	15.4	7.88	1.81	3.05	ND	12.8
Heptachlor epoxide	ug/L		ND			ND			ND	
Heptachlor	ug/L		ND			ND			ND	
Hexachlorobenzene	ug/L		ND			ND			ND	
Hexachlorobutadiene	ug/L		ND			ND			ND	
Hexachlorocyclopentadiene	ug/L		ND			ND			ND	
Hexachloroethane	ug/L		ND			ND			ND	
Indeno (1,2,3-cd) pyrene	ug/L		ND			ND			ND	
Isophorone	ug/L		ND			ND			ND	
Lead	ug/L	4.66	4.76	5.99	5.91	5.74	5.48	5.35	5.74	5.43
Mercury	ug/L	0.29	0.20	0.16	0.12	0.24	0.18	0.18	0.67	0.21
Methyl-tert-butyl-ether	ug/L		ND			ND			2.0	
n-Nitroso-n-propylamine	ug/L		ND			ND			ND	
n-Nitrosodimethylamine (NDMA)	ug/L		ND			ND			ND	
n-Nitrosodiphenylamine	ug/L		ND			ND			ND	
Naphthalene	ug/L		ND			ND			ND	
Nickel	ug/L	14.8	17.7	20.8	20.4	20.3	19.2	28.6	20.4	15.1
Nitrate as Nitrogen	mg/L		0.51			0.98			0.56	
Nitrite as Nitrogen	mg/L		0.22			0.66			0.28	
Nitrobenzene	ug/L		ND			ND			ND	
OctaCDD	pg/L		290			240			260	
OctaCDF	pg/L		120			DNQ Est. Conc. 36			DNQ Est. Conc. 22	
Organic nitrogen	mg/L		22.4			23.3			20.7	
Oxychlordane	ug/L		ND			ND			ND	
Pentachlorophenol	ug/L		ND			ND			ND	
Phenanthrene	ug/L		ND			ND			ND	
Phenol	ug/L		82			87			64	
pH	SU	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
Pyrene	ug/L		ND			ND			ND	
Selenium	ug/L	9.83	8.39	9.48	7.36	9.91	12.8	9.15	8.41	8.27
Silver	ug/L	1.18	1.88	1.26	1.43	1.23	1.31	1.26	1.23	0.88
TCDD equivalents	pg/L		0.41			0.24			0.26	
Tetrachloroethylene	ug/L		0.64			DNQ Est. Conc. 0.46			0.93	
Thallium	ug/L		DNQ Est. Conc. 0.076			DNQ Est. Conc. 0.032			DNQ Est. Conc. 0.030	
Toluene	ug/L		48.5			47.3			34.7	
Total Chlordanes	ug/L		ND			ND			ND	
Total DDT	ug/L		ND			ND			ND	
Total Dichlorobenzene	ug/L		ND			ND			ND	
Total Endosulfan	ug/L		ND			ND			ND	
Total Halomethanes	ug/L		2.2			3.7			3.6	
Total HCH	ug/L		ND			ND			ND	
Total Influent Oil and grease	mg/L	76.7	61.2	65.1	65.7	60.4	51.8	61.6	59.6	63.0
Total PAHs	ug/L		ND			ND			ND	
Total PCBs	ug/L		ND			ND			ND	
Total Phenolic Compounds (Chlorinated)	ug/L		ND			18.0			6.5	
Total Phenolic Compounds (non-chlorinated)	ug/L		82.0			100			80.0	
Total Phosphorus	mg/L		8.72			8.85			9.05	
Total Suspended Solids	mg/L	494	505	491	498	486	497	496	476	472
Toxaphene	ug/L		ND			ND			ND	
trans-Nonachlor	ug/L		ND			ND			ND	
Tributyltin (TBT)	ng/L		ND			ND			ND	
Trichloroethylene	ug/L		DNQ Est. Conc. 0.34			ND			ND	
Vinyl Chloride	ug/L		ND			ND			ND	
Zinc	ug/L	300	300	320	295	279	265	270	292	259

Parameter	Units	October	November	December	Monthly Average			Method	ML	MDL	RDL
					Minimum	Average	Maximum				
Gross Alpha Radioactivity	pCi/L	2.71	4.05	6.30	1.79	4.09	8.15	EPA 900.0		1.56 - 3.84	1.56 - 3.84
Gross Beta Radioactivity	pCi/L	1.15	4.77	7.11	ND	6.03	15.4	EPA 900.0		2.31 - 3.20	2.31 - 3.20
Heptachlor epoxide	ug/L		ND		ND	ND	ND	EPA 608	0.01	0.001	0.02
Heptachlor	ug/L		ND		ND	ND	ND	EPA 608	0.01	0.0008 - 0.001	0.03
Hexachlorobenzene	ug/L		ND		ND	ND	ND	EPA 625	1	2.4 - 4.9	5.0 - 10
Hexachlorobutadiene	ug/L		ND		ND	ND	ND	EPA 625	1	2.4 - 4.7	5.0 - 10
Hexachlorocyclopentadiene	ug/L		ND		ND	ND	ND	EPA 625	5	7.3 - 15	25 - 50
Hexachloroethane	ug/L		ND		ND	ND	ND	EPA 625	1	2.6 - 5.2	5.0 - 10
Indeno (1,2,3-cd) pyrene	ug/L		ND		ND	ND	ND	EPA 625	10	0.60 - 1.2	10 - 20
Isophorone	ug/L		ND		ND	ND	ND	EPA 625	1	1.0 - 2.1	5.0 - 10
Lead	ug/L	4.82	5.04	6.16	4.66	5.42	6.16	EPA 200.8	0.5	0.03	0.25
Mercury	ug/L	0.16	0.16	0.13	0.12	0.23	0.67	EPA 245.1	0.5	0.01	0.04
Methyl-tert-butyl-ether	ug/L		ND		ND	0.50	2.0	EPA 624		0.12 - 0.21	0.50
n-Nitroso-n-propylamine	ug/L		ND		ND	ND	ND	EPA 625	5	1.3 - 2.6	5.0 - 10
n-Nitrosodimethylamine (NDMA)	ug/L		ND		ND	ND	ND	EPA 625	5	0.70 - 1.4	5.0 - 10
n-Nitrosodiphenylamine	ug/L		ND		ND	ND	ND	EPA 625	1	0.95 - 1.9	5.0 - 10
Naphthalene	ug/L		ND		ND	ND	ND	EPA 625	1	2.4 - 4.9	5.0 - 10
Nickel	ug/L	19.0	21.4	18.8	14.8	19.7	28.6	EPA 200.8	1	0.10 - 0.13	1.00
Nitrate as Nitrogen	mg/L		0.48		0.48	0.63	0.98	SM 4500 NO3 E		0.00400	0.100
Nitrite as Nitrogen	mg/L		0.26		0.22	0.36	0.66	SM 4500 NO2 B		0.00300	0.100
Nitrobenzene	ug/L		ND		ND	ND	ND	EPA 625	1	1.8 - 3.6	5.0 - 10
OctaCDD	pg/L		300		240	273	300	EPA 1613B		1.4 - 6.9	100 - 110
OctaCDF	pg/L		DNQ Est. Conc. 29		DNQ Est. Conc. 22	30	120	EPA 1613B		0.78 - 2.9	100 - 110
Organic nitrogen	mg/L		22.9		20.7	22.3	23.3	SM 4500 NH3 C			1.0
Oxychlordane	ug/L		ND		ND	ND	ND	EPA 608		0.001	0.04
Pentachlorophenol	ug/L		ND		ND	ND	ND	EPA 625	5	0.95 - 1.9	5.0 - 10
Phenanthrene	ug/L		ND		ND	ND	ND	EPA 625	5	1.6 - 3.2	5.0 - 10
Phenol	ug/L		120		64	88	120	EPA 625	1	0.80 - 1.6	5.0 - 10
pH	SU	7.2	7.2	7.1	7.1	7.2	7.2	SM 4500 H+ B		1.00	1.00 - 4.00
Pyrene	ug/L		ND		ND	ND	ND	EPA 625	10	1.2 - 2.5	5.0 - 10
Selenium	ug/L	6.82	8.52	7.05	6.82	8.83	12.8	EPA 200.8	2	0.04 - 0.17	1.00
Silver	ug/L	1.84	1.09	1.67	0.88	1.4	1.88	EPA 200.8	0.25	0.03	0.20
TCDD equivalents	pg/L		0.30		0.24	0.30	0.41	EPA 1613B			
Tetrachloroethylene	ug/L		1.8		DNQ Est. Conc. 0.46	0.84	1.8	EPA 624	2	0.12 - 0.18	0.50
Thallium	ug/L		DNQ Est. Conc. 0.020		DNQ Est. Conc. 0.020	ND	DNQ Est. Conc. 0.076	EPA 200.8	1	0.020	0.25
Toluene	ug/L		39.0		34.7	42.4	48.5	EPA 624	2	0.06 - 0.19	0.50
Total Chlordanes	ug/L		ND		ND	ND	ND	EPA 608			
Total DDT	ug/L		ND		ND	ND	ND	EPA 608			
Total Dichlorobenzene	ug/L		ND		ND	ND	ND	EPA 624			
Total Endosulfan	ug/L		ND		ND	ND	ND	EPA 608			
Total Halomethanes	ug/L		1.3		1.3	2.7	3.7	EPA 624			
Total HCH	ug/L		ND		ND	ND	ND	EPA 608			
Total Influent Oil and grease	mg/L	63.0	64.1	72.1	51.8	63.7	76.7	EPA 1664A		0.8	4.0
Total PAHs	ug/L		ND		ND	ND	ND	EPA 625			
Total PCBs	ug/L		ND		ND	ND	ND	EPA 608			
Total Phenolic Compounds (Chlorinated)	ug/L		ND		ND	8.2	18.0	EPA 625			
Total Phenolic Compounds (non-chlorinated)	ug/L		140		80.0	101	140	EPA 625			
Total Phosphorus	mg/L		8.69		8.69	8.83	9.05	SM4500P-E		0.275	2.50
Total Suspended Solids	mg/L	491	504	500	472	493	505	SM 2540D		2.5	2.5
Toxaphene	ug/L		ND		ND	ND	ND	EPA 608	0.5	0.04 - 0.08	0.3
trans-Nonachlor	ug/L		ND		ND	ND	ND	EPA 608		0.001	0.01
Tributyltin (TBT)	ng/L		ND		ND	ND	ND	Tributyltin by GC/FPD		0.58 - 1.5	3.0 - 3.3
Trichloroethylene	ug/L		ND		ND	ND	DNQ Est. Conc. 0.34	EPA 624	2	0.13 - 0.32	0.50
Vinyl Chloride	ug/L		ND		ND	ND	ND	EPA 624	2	0.12 - 0.37	0.50
Zinc	ug/L	255	273	289	255	283	320	EPA 200.8	1	1.10 - 8.80	5.00 - 20.0

JWPCP Effluent Monitoring

JWPCP
2014 EFF-001 Monitoring Results

Parameter	Units	January	February	March	April	May	June	July	August	September	October
1,1-Dichloroethane	ug/L		ND			ND			ND		
1,1-Dichloroethylene	ug/L		ND			ND			ND		
1,1,1-Trichloroethane	ug/L		ND			ND			ND		
1,1,2-Trichloroethane	ug/L		ND			ND			ND		
1,1,2,2-Tetrachloroethane	ug/L		ND			ND			ND		
1,2-Dichlorobenzene	ug/L		ND			ND			ND		
1,2-Dichloroethane	ug/L		ND			ND			ND		
1,2-Dichloropropane	ug/L		ND			ND			ND		
1,2-Diphenylhydrazine	ug/L		ND			ND			ND		
1,2,3,4,6,7,8-HeptaCDD	pg/L		DNQ Est. Conc. 1.9			DNQ Est. Conc. 1.6			DNQ Est. Conc. 2.1		
1,2,3,4,6,7,8-HeptaCDF	pg/L		DNQ Est. Conc. 1.1			DNQ Est. Conc. 12			DNQ Est. Conc. 1.2		
1,2,3,4,7,8-HexaCDD	pg/L		ND			ND			ND		
1,2,3,4,7,8-HexaCDF	pg/L		ND			DNQ Est. Conc. 5.4			ND		
1,2,3,4,7,8,9-HeptaCDF	pg/L		ND			ND			ND		
1,2,3,6,7,8-HexaCDD	pg/L		ND			ND			ND		
1,2,3,6,7,8-HexaCDF	pg/L		ND			DNQ Est. Conc. 2.5			ND		
1,2,3,7,8-PentaCDD	pg/L		ND			ND			ND		
1,2,3,7,8-PentaCDF	pg/L		ND			ND			ND		
1,2,3,7,8,9-HexaCDD	pg/L		ND			ND			ND		
1,2,3,7,8,9-HexaCDF	pg/L		ND			DNQ Est. Conc. 0.72			ND		
1,2,4-Trichlorobenzene	ug/L		ND			ND			ND		
1,3-Dichlorobenzene	ug/L		ND			ND			ND		
1,3-Dichloropropene	ug/L		ND			ND			ND		
1,4-Dichlorobenzene	ug/L		DNQ Est. Conc. 0.14			DNQ Est. Conc. 0.16			ND		
2-Chloroethylvinyl ether	ug/L		ND			ND			ND		
2-Chloronaphthalene	ug/L		ND			ND			ND		
2-Chlorophenol	ug/L		ND			ND			ND		
2-methyl-4,6-dinitrophenol	ug/L		ND			ND			ND		
2-Nitrophenol	ug/L		ND			ND			ND		
2,3,4,6,7,8-HexaCDF	pg/L		ND			DNQ Est. Conc. 1.3			ND		
2,3,4,7,8-PentaCDF	pg/L		ND			DNQ Est. Conc. 1.5			ND		
2,3,7,8-TCDD	pg/L		ND			ND			ND		
2,3,7,8-TetraCDF	pg/L		ND			DNQ Est. Conc. 1.2			ND		
2,4-Dichlorophenol	ug/L		ND			ND			ND		
2,4-Dimethylphenol	ug/L		ND			ND			ND		
2,4-Dinitrophenol	ug/L		ND			ND			ND		
2,4-Dinitrotoluene	ug/L		ND			ND			ND		
2,4,6-Trichlorophenol	ug/L		DNQ Est. Conc. 0.30			DNQ Est. Conc. 5.2			DNQ Est. Conc. 0.50		
2,4'-DDD	ug/L		ND			ND			ND		
2,4'-DDE	ug/L		ND			ND			ND		
2,4'-DDT	ug/L		ND			ND			ND		
2,6-Dinitrotoluene	ug/L		ND			ND			ND		
3,3'-Dichlorobenzidine	ug/L		ND			ND			ND		
4-Bromophenyl phenyl ether	ug/L		ND			ND			ND		
4-Chloro-3-methylphenol	ug/L		ND			ND			ND		
4-Chlorophenyl phenyl ether	ug/L		ND			ND			ND		
4-Nitrophenol	ug/L		ND			ND			ND		
4,4'-DDD	ug/L		ND			ND			ND		
4,4'-DDE	ug/L		ND			ND			ND		
4,4'-DDT	ug/L		ND			ND			ND		
Acenaphthene	ug/L		ND			ND			ND		
Acenaphthylene	ug/L		ND			ND			ND		
Acrolein	ug/L		ND			ND			ND		
Acrylonitrile	ug/L		ND			ND			ND		
Aldrin	ug/L		ND			ND			ND		
alpha hexachlorocyclohexane	ug/L		ND			ND			ND		
Ammonia Nitrogen	mg/L	43.3	44.5	39.0	42.9	41.1	43.9	41.2	39.8	39.2	39.5
Anthracene	ug/L		ND			ND			ND		
Antimony	ug/L		2.99			3.24			2.82		
Aroclor 1016	ug/L		ND			ND			ND		
Aroclor 1221	ug/L		ND			ND			ND		
Aroclor 1232	ug/L		ND			ND			ND		
Aroclor 1242	ug/L		ND			ND			ND		
Aroclor 1248	ug/L		ND			ND			ND		
Aroclor 1254	ug/L		ND			ND			ND		
Aroclor 1260	ug/L		ND			ND			ND		
Arsenic	ug/L	1.92	1.81	1.88	1.85	2.46	2.41	2.24	2.22	1.93	2.19
Benzene	ug/L		ND			ND			ND		
Benzidine	ug/L		ND			ND			ND		
Benzo(a)anthracene (1,2-benzanthracene)	ug/L		ND			ND			ND		
Benzo(a)pyrene	ug/L		ND			ND			ND		
Benzo(b)fluoranthene (3,4-benzofluoranthene)	ug/L		ND			ND			ND		
Benzo(g,h,i)perylene (1,12-benzoperylene)	ug/L		ND			ND			ND		
Benzo(k)fluoranthene	ug/L		ND			ND			ND		

Parameter	Units	November	December	Monthly Average			Limit			Method	ML	MDL	RDL
				Minimum	Average	Maximum	Max Daily	Monthly Average	Performance Goal				
1,1-Dichloroethane	ug/L	ND		ND	ND	ND				EPA 624	1	0.07 - 0.20	0.50
1,1-Dichloroethylene	ug/L	ND		ND	ND	ND			1.1	EPA 624	2	0.13 - 0.32	0.50
1,1,1-Trichloroethane	ug/L	ND		ND	ND	ND			1.8	EPA 624	2	0.07 - 0.21	0.50
1,1,2-Trichloroethane	ug/L	ND		ND	ND	ND			0.45	EPA 624	2	0.09 - 0.14	0.50
1,1,2,2-Tetrachloroethane	ug/L	ND		ND	ND	ND			0.4	EPA 624	1	0.10 - 0.11	0.50
1,2-Dichlorobenzene	ug/L	ND		ND	ND	ND				EPA 624	2	0.07 - 0.16	0.50
1,2-Dichloroethane	ug/L	ND		ND	ND	ND			0.6	EPA 624	2	0.09 - 0.11	0.50
1,2-Dichloropropane	ug/L	ND		ND	ND	ND				EPA 624	1	0.09 - 0.18	0.50
1,2-Diphenylhydrazine	ug/L	ND		ND	ND	ND			0.65	EPA 625	1	0.13	1.0
1,2,3,4,6,7,8-HeptaCDD	pg/L	DNQ Est. Conc. 1.2		DNQ Est. Conc. 1.2	ND	DNQ Est. Conc. 2.1				EPA 1613B		0.49 - 0.80	51 - 59
1,2,3,4,6,7,8-HeptaCDF	pg/L	DNQ Est. Conc. 0.65		DNQ Est. Conc. 0.65	ND	DNQ Est. Conc. 12				EPA 1613B		0.38 - 0.55	51 - 59
1,2,3,4,7,8-HexaCDD	pg/L	ND		ND	ND	ND				EPA 1613B		0.32 - 0.81	51 - 59
1,2,3,4,7,8-HexaCDF	pg/L	ND		ND	ND	DNQ Est. Conc. 5.4				EPA 1613B		0.37 - 0.72	51 - 59
1,2,3,4,7,8,9-HeptaCDF	pg/L	ND		ND	ND	ND				EPA 1613B		0.53 - 0.86	51 - 59
1,2,3,6,7,8-HexaCDD	pg/L	ND		ND	ND	ND				EPA 1613B		0.31 - 0.83	51 - 59
1,2,3,6,7,8-HexaCDF	pg/L	ND		ND	ND	DNQ Est. Conc. 2.5				EPA 1613B		0.33 - 0.70	51 - 59
1,2,3,7,8-PentaCDD	pg/L	ND		ND	ND	ND				EPA 1613B		0.78 - 2.3	51 - 59
1,2,3,7,8-PentaCDF	pg/L	ND		ND	ND	ND				EPA 1613B		0.25 - 1.8	51 - 59
1,2,3,7,8,9-HexaCDD	pg/L	ND		ND	ND	ND				EPA 1613B		0.27 - 0.73	51 - 59
1,2,3,7,8,9-HexaCDF	pg/L	ND		ND	ND	DNQ Est. Conc. 0.72				EPA 1613B		0.40 - 0.78	51 - 59
1,2,4-Trichlorobenzene	ug/L	ND		ND	ND	ND				EPA 625	5	0.17	5.0
1,3-Dichlorobenzene	ug/L	ND		ND	ND	ND				EPA 624	2	0.08 - 0.09	0.50
1,3-Dichloropropene	ug/L	ND		ND	ND	ND			0.65	EPA 624	2		0.50
1,4-Dichlorobenzene	ug/L	ND		ND	ND	DNQ Est. Conc. 0.16			1	EPA 624	2	0.07 - 0.16	0.50
2-Chloroethylvinyl ether	ug/L	ND		ND	ND	ND				EPA 624	1	0.12 - 0.23	0.50
2-Chloronaphthalene	ug/L	ND		ND	ND	ND				EPA 625	10	0.16	10.0
2-Chlorophenol	ug/L	ND		ND	ND	ND				EPA 625	5	0.15	5.0
2-methyl-4,6-dinitrophenol	ug/L	ND		ND	ND	ND			13	EPA 625	5	1.3	5.0
2-Nitrophenol	ug/L	ND		ND	ND	ND				EPA 625	10	0.20	10.0
2,3,4,6,7,8-HexaCDF	pg/L	ND		ND	ND	DNQ Est. Conc. 1.3				EPA 1613B		0.32 - 0.67	51 - 59
2,3,4,7,8-PentaCDF	pg/L	ND		ND	ND	DNQ Est. Conc. 1.5				EPA 1613B		0.28 - 1.9	51 - 59
2,3,7,8-TCDD	pg/L	ND		ND	ND	ND				EPA 1613B		0.28 - 1.4	10 - 12
2,3,7,8-TetraCDF	pg/L	ND		ND	ND	DNQ Est. Conc. 1.2				EPA 1613B		0.28 - 1.2	10 - 12
2,4-Dichlorophenol	ug/L	ND		ND	ND	ND				EPA 625	5	0.15	5.0
2,4-Dimethylphenol	ug/L	ND		ND	ND	ND				EPA 625	2	0.11	2.0
2,4-Dinitrophenol	ug/L	ND		ND	ND	ND			17	EPA 625	5	1.7	5.0
2,4-Dinitrotoluene	ug/L	ND		ND	ND	ND			1	EPA 625	5	0.20	5.0
2,4,6-Trichlorophenol	ug/L	DNQ Est. Conc. 0.56		DNQ Est. Conc. 0.30	ND	DNQ Est. Conc. 5.2			0.6	EPA 625	10	0.12	10.0
2,4'-DDD	ug/L	ND		ND	ND	ND				EPA 608		0.001	0.01
2,4'-DDE	ug/L	ND		ND	ND	ND				EPA 608		0.001 - 0.002	0.01
2,4'-DDT	ug/L	ND		ND	ND	ND				EPA 608		0.002 - 0.003	0.01
2,6-Dinitrotoluene	ug/L	ND		ND	ND	ND				EPA 625	5	0.22	5.0
3,3'-Dichlorobenzidine	ug/L	ND		ND	ND	ND		1.4		EPA 625	5	1.2	5.0
4-Bromophenyl phenyl ether	ug/L	ND		ND	ND	ND				EPA 625	5	0.21	5.0
4-Chloro-3-methylphenol	ug/L	ND		ND	ND	ND				EPA 625	1	0.13	1.0
4-Chlorophenyl phenyl ether	ug/L	ND		ND	ND	ND				EPA 625	5	0.17	5.0
4-Nitrophenol	ug/L	ND		ND	ND	ND				EPA 625	10	1.4	10.0
4,4'-DDD	ug/L	ND		ND	ND	ND				EPA 608	0.05	0.001 - 0.002	0.01
4,4'-DDE	ug/L	ND		ND	ND	ND				EPA 608	0.05	0.001 - 0.002	0.01
4,4'-DDT	ug/L	ND		ND	ND	ND				EPA 608	0.01	0.001 - 0.003	0.01
Acenaphthene	ug/L	ND		ND	ND	ND				EPA 625	1	0.15	1.0
Acenaphthylene	ug/L	ND		ND	ND	ND				EPA 625	10	0.14	10.0
Acrolein	ug/L	ND		ND	ND	ND			5.2	EPA 624		1.3 - 1.6	2.0
Acrylonitrile	ug/L	ND		ND	ND	ND			2.7	EPA 624		0.20 - 0.92	2.0
Aldrin	ug/L	ND		ND	ND	ND			0.0037	EPA 608	0.005	0.0009 - 0.002	0.005
alpha hexachlorocyclohexane	ug/L	ND		ND	ND	ND				EPA 608	0.01	0.001 - 0.002	0.01
Ammonia Nitrogen	mg/L	39.8	41.8	39.0	41.3	44.5			40	SM 4500 NH3 C & SM 4500 NH3 G		0.240 - 1.00	2.50 - 5.00
Anthracene	ug/L	ND		ND	ND	ND				EPA 625	10	0.18	10.0
Antimony	ug/L	2.02		2.02	2.77	3.24			9.8	EPA 200.8	0.5	0.05 - 0.13	0.50
Aroclor 1016	ug/L	ND		ND	ND	ND				EPA 608	0.5	0.02 - 0.04	0.1
Aroclor 1221	ug/L	ND		ND	ND	ND				EPA 608	0.5	0.2	0.5
Aroclor 1232	ug/L	ND		ND	ND	ND				EPA 608	0.5	0.09 - 0.2	0.3
Aroclor 1242	ug/L	ND		ND	ND	ND				EPA 608	0.5	0.02 - 0.08	0.1
Aroclor 1248	ug/L	ND		ND	ND	ND				EPA 608	0.5	0.02 - 0.04	0.1
Aroclor 1254	ug/L	ND		ND	ND	ND				EPA 608	0.5	0.01 - 0.03	0.05
Aroclor 1260	ug/L	ND		ND	ND	ND				EPA 608	0.5	0.01 - 0.05	0.1
Arsenic	ug/L	2.04	1.83	1.81	2.07	2.46			2.5	EPA 200.8	2	0.16	1.00
Benzene	ug/L	ND		ND	ND	ND			0.75	EPA 624	2	0.10 - 0.24	0.50
Benzidine	ug/L	ND		ND	ND	ND		0.012		EPA 625	5	1.7	5.0
Benzo(a)anthracene (1,2-benzanthracene)	ug/L	ND		ND	ND	ND				EPA 625	5	0.19	5.0
Benzo(a)pyrene	ug/L	ND		ND	ND	ND				EPA 610	10	0.070	0.20
Benzo(b)fluoranthene (3,4-benzofluoranthene)	ug/L	ND		ND	ND	ND				EPA 610	10	0.040	0.20
Benzo(g,h,i)perylene (1,12-benzoperylene)	ug/L	ND		ND	ND	ND				EPA 625	5	0.19	5.0
Benzo(k)fluoranthene	ug/L	ND		ND	ND	ND				EPA 610	10	0.050	0.20

Parameter	Units	January	February	March	April	May	June	July	August	September	October
Beryllium	ug/L		ND			ND			ND		
beta-hexachlorocyclohexane	ug/L		ND			ND			ND		
Bis(2-chloro-ethoxy)methane	ug/L		ND			ND			ND		
Bis(2-chloro-isopropyl)ether	ug/L		ND			ND			ND		
Bis(2-chloroethyl)ether	ug/L		ND			ND			ND		
Bis(2-ethylhexyl) phthalate	ug/L		4.7			4.6			2.2		
BOD	mg/L	4.2	4.6	4.3	4.6	4.1	5.9	3.1	3.0	3.0	2.5
Bromoform	ug/L		ND			ND			ND		
Bromomethane	ug/L		ND			ND			ND		
Butyl benzyl phthalate	ug/L		ND			ND			ND		
Cadmium	ug/L	ND	DNQ Est. Conc. 0.046	ND	ND	ND	ND	DNQ Est. Conc. 0.07	ND	ND	ND
Carbon tetrachloride	ug/L		ND			ND			ND		
Chlordane-alpha	ug/L		ND			ND			ND		
Chlordane-gamma	ug/L		ND			ND			ND		
Chlordene-alpha	ug/L		ND			ND			ND		
Chlordene-gamma	ug/L		ND			ND			ND		
Chlorobenzene	ug/L		ND			ND			ND		
Chlorodibromomethane	ug/L		DNQ Est. Conc. 0.31			DNQ Est. Conc. 0.24			ND		
Chloroethane	ug/L		ND			ND			ND		
Chloroform	ug/L		10.3			20.8			8.5		
Chloromethane	ug/L		ND			DNQ Est. Conc. 0.28			ND		
Chromium (III)	ug/L		1.06			1.17			1.01		
Chromium (VI)	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	DNQ Est. Conc. 0.02	ND
Chrysene	ug/L		ND			ND			ND		
cis-Nonachlor	ug/L		ND			ND			ND		
COD	mg/L	58	57	57	58	58	62	54	52	52	52
Copper	ug/L	2.62	2.71	2.89	3.02	2.76	2.44	3.61	3.35	6.13	1.82
Cyanide	ug/L	7.82	5.96	5.08	8.19	6.01	6.54	DNQ Est. Conc. 4.31	7.56	DNQ Est. Conc. 4.26	5.99
delta-hexachlorocyclohexane	ug/L		ND			ND			ND		
Di-n-butyl phthalate	ug/L		DNQ Est. Conc. 1.9			DNQ Est. Conc. 2.6			DNQ Est. Conc. 2.0		
Di-n-octyl phthalate	ug/L		ND			ND			ND		
Dibenzo(a,h)anthracene	ug/L		ND			ND			ND		
Dichlorobromomethane	ug/L		0.92			0.90			DNQ Est. Conc. 0.40		
Dichloromethane	ug/L		1.6			2.3			1.3		
Dieldrin	ug/L		ND			ND			ND		
Diethyl phthalate	ug/L		ND			ND			ND		
Dimethyl phthalate	ug/L		ND			ND			ND		
Endosulfan sulfate	ug/L		ND			ND			ND		
Endosulfan-alpha	ug/L		ND			ND			ND		
Endosulfan-beta	ug/L		ND			ND			ND		
Endrin aldehyde	ug/L		ND			ND			ND		
Endrin	ug/L		ND			ND			ND		
Ethylbenzene	ug/L		ND			ND			ND		
Fluoranthene	ug/L		ND			ND			ND		
Fluorene	ug/L		ND			ND			ND		
gamma-hexachlorocyclohexane	ug/L		ND			ND			ND		
Gross alpha radioactivity	pCi/L	10.1	ND	3.06	ND	ND	1.39	1.72	7.30	9.57	ND
Gross beta radioactivity	pCi/L	8.88	1.50	2.52	7.57	3.51	3.13	4.24	6.45	8.31	3.60
Heptachlor epoxide	ug/L		ND			ND			ND		
Heptachlor	ug/L		ND			ND			ND		
Hexachlorobenzene	ug/L		ND			ND			ND		
Hexachlorobutadiene	ug/L		ND			ND			ND		
Hexachlorocyclopentadiene	ug/L		ND			ND			ND		
Hexachloroethane	ug/L		ND			ND			ND		
Indeno (1,2,3-cd) pyrene	ug/L		ND			ND			ND		
Isophorone	ug/L		ND			ND			ND		
Lead	ug/L	DNQ Est. Conc. 0.11	DNQ Est. Conc. 0.12	DNQ Est. Conc. 0.15	DNQ Est. Conc. 0.18	DNQ Est. Conc. 0.14	DNQ Est. Conc. 0.09	DNQ Est. Conc. 0.11	DNQ Est. Conc. 0.17	DNQ Est. Conc. 0.10	DNQ Est. Conc. 0.10
Mercury	ug/L	0.0030	0.0021	0.0027	0.0032	0.0029	0.0038	0.0017	0.0028	0.00086	ND
Methyl-tert-butyl-ether	ug/L		DNQ Est. Conc. 0.18			0.74			1.6		
n-Nitrosodi-n-propylamine	ug/L		ND			ND			ND		
n-Nitrosodimethylamine (NDMA)	ug/L		ND			ND			ND		
n-Nitrosodiphenylamine	ug/L		ND			ND			ND		
Naphthalene	ug/L		ND			ND			ND		
Nickel	ug/L	7.72	8.37	8.17	8.49	8.77	8.02	12.0	7.62	5.89	6.43
Nitrate as Nitrogen	mg/L		ND			ND			ND		
Nitrite as Nitrogen	mg/L		0.06			0.03			0.05		
Nitrobenzene	ug/L		ND			ND			ND		
OctaCDD	pg/L		DNQ Est. Conc. 7.1			DNQ Est. Conc. 11			DNQ Est. Conc. 7.9		
OctaCDF	pg/L		ND			DNQ Est. Conc. 17			DNQ Est. Conc. 3.5		
Oil and grease	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Organic nitrogen	mg/L		2.19			3.12			ND		
Oxychlordane	ug/L		ND			ND			ND		
PCB-101	pg/L								DNQ Est. Conc. 33		
PCB-105	pg/L								DNQ Est. Conc. 5.1		

Parameter	Units	November	December	Monthly Average			Limit			Method	ML	MDL	RDL
				Minimum	Average	Maximum	Max Daily	Monthly Average	Performance Goal				
Beryllium	ug/L	ND		ND	ND	ND			0.15	EPA 200.8	0.5	0.010 - 0.040	0.25
beta-hexachlorocyclohexane	ug/L	ND		ND	ND	ND				EPA 608	0.005	0.002 - 0.003	0.005
Bis(2-chloro-ethoxy)methane	ug/L	ND		ND	ND	ND			1.3	EPA 625	5	0.13	5.0
Bis(2-chloro-isopropyl)ether	ug/L	ND		ND	ND	ND			1.6	EPA 625	2	0.16	2.0
Bis(2-chloroethyl)ether	ug/L	ND		ND	ND	ND			0.95	EPA 625	1	0.19	1.0
Bis(2-ethylhexyl) phthalate	ug/L	3.0		2.2	3.6	4.7			17	EPA 625	5	0.25	2.0
BOD	mg/L	2.8	3.4	2.5	3.8	5.9		30		SM 5210B		0.6	2.4
Bromoform	ug/L	ND		ND	ND	ND				EPA 624	2	0.13 - 0.17	0.50
Bromomethane	ug/L	ND		ND	ND	ND				EPA 624	2	0.30 - 0.34	0.50
Butyl benzyl phthalate	ug/L	ND		ND	ND	ND				EPA 625	10	0.16	10.0
Cadmium	ug/L	ND	ND	ND	ND	DNQ Est. Conc. 0.07			0.1	EPA 200.8	0.25	0.040 - 0.070	0.20
Carbon tetrachloride	ug/L	ND		ND	ND	ND			1	EPA 624	2	0.07 - 0.28	0.50
Chlordane-alpha	ug/L	ND		ND	ND	ND				EPA 608		0.001	0.01
Chlordane-gamma	ug/L	ND		ND	ND	ND				EPA 608		0.002	0.01
Chlordene-alpha	ug/L	ND		ND	ND	ND				EPA 608		0.0003 - 0.0004	0.02
Chlordene-gamma	ug/L	ND		ND	ND	ND				EPA 608		0.002 - 0.005	0.01
Chlorobenzene	ug/L	ND		ND	ND	ND			1.2	EPA 624	2	0.08 - 0.17	0.50
Chlorodibromomethane	ug/L	DNQ Est. Conc. 0.15		ND	ND	DNQ Est. Conc. 0.31			0.6	EPA 624	2	0.08 - 0.14	0.50
Chloroethane	ug/L	ND		ND	ND	ND				EPA 624	2	0.15 - 0.22	0.50
Chloroform	ug/L	19.2		8.5	15	20.8			30	EPA 624	2	0.09 - 0.18	0.50
Chloromethane	ug/L	ND		ND	ND	DNQ Est. Conc. 0.28				EPA 624	2	0.06 - 0.22	0.50
Chromium (III)	ug/L	1.17		1.01	1.10	1.17			3.3	Chromium III Calculation			
Chromium (VI)	ug/L	ND	DNQ Est. Conc. 0.02	ND	ND	DNQ Est. Conc. 0.02			1.5	EPA 218.6 (Dissolved)		0.0048 - 0.02	0.05 - 0.30
Chrysene	ug/L	ND		ND	ND	ND				EPA 610	10	0.050	0.20
cis-Nonachlor	ug/L	ND		ND	ND	ND				EPA 608		0.0006 - 0.002	0.01
COD	mg/L	52	53	52	55	62				SM 5220C (SMicro)		7.3	10.0
Copper	ug/L	2.20	2.76	1.82	3.03	6.13			4.9	EPA 200.8	0.5	0.04 - 0.08	0.50
Cyanide	ug/L	6.78	6.02	DNQ Est. Conc. 4.26	5.50	8.19			19	SM 4500 CN E	5	0.5	5.00
delta-hexachlorocyclohexane	ug/L	ND		ND	ND	ND				EPA 608	0.005	0.003 - 0.004	0.005
Di-n-butyl phthalate	ug/L	DNQ Est. Conc. 1.8		DNQ Est. Conc. 1.8	ND	DNQ Est. Conc. 2.6			4.4	EPA 625	10	0.16	10.0
Di-n-octyl phthalate	ug/L	ND		ND	ND	ND				EPA 625	10	0.16	10.0
Dibenzo(a,h)anthracene	ug/L	ND		ND	ND	ND				EPA 610	10	0.040	0.20
Dichlorobromomethane	ug/L	0.86		DNQ Est. Conc. 0.40	0.67	0.92			2	EPA 624	2	0.08 - 0.17	0.50
Dichloromethane	ug/L	2.0		1.3	1.8	2.3			3	EPA 624	2	0.18 - 0.27	0.50
Dieldrin	ug/L	ND		ND	ND	ND			0.005	EPA 608	0.01	0.001	0.01
Diethyl phthalate	ug/L	ND		ND	ND	ND			2.1	EPA 625	2	0.21	2.0
Dimethyl phthalate	ug/L	ND		ND	ND	ND			1.9	EPA 625	2	0.19	2.0
Endosulfan sulfate	ug/L	ND		ND	ND	ND				EPA 608	0.05	0.002 - 0.009	0.01
Endosulfan-alpha	ug/L	ND		ND	ND	ND				EPA 608	0.02	0.001	0.01
Endosulfan-beta	ug/L	ND		ND	ND	ND				EPA 608	0.01	0.001 - 0.003	0.01
Endrin aldehyde	ug/L	ND		ND	ND	ND				EPA 608	0.01	0.001 - 0.002	0.01
Endrin	ug/L	ND		ND	ND	ND			0.01	EPA 608	0.01	0.001 - 0.002	0.01
Ethylbenzene	ug/L	ND		ND	ND	ND			1.9	EPA 624	2	0.06 - 0.18	0.50
Fluoranthene	ug/L	ND		ND	ND	ND			1.9	EPA 625	1	0.19	1.0
Fluorene	ug/L	ND		ND	ND	ND				EPA 625	10	0.18	10.0
gamma-hexachlorocyclohexane	ug/L	ND		ND	ND	ND				EPA 608	0.02	0.0009 - 0.001	0.01
Gross alpha radioactivity	pCi/L	2.34	2.59	ND	3.17	10.1			6.3	EPA 900.0		1.92 - 5.16	1.92 - 5.16
Gross beta radioactivity	pCi/L	11.1	5.12	1.50	5.49	11.1			29	EPA 900.0		2.43 - 3.20	2.43 - 3.20
Heptachlor epoxide	ug/L	ND		ND	ND	ND			0.0033	EPA 608	0.01	0.001	0.01
Heptachlor	ug/L	ND		ND	ND	ND			0.005	EPA 608	0.01	0.0008 - 0.001	0.01
Hexachlorobenzene	ug/L	ND		ND	ND	ND		0.035		EPA 625	1	0.18	1.0
Hexachlorobutadiene	ug/L	ND		ND	ND	ND			0.7	EPA 625	1	0.14	1.0
Hexachlorocyclopentadiene	ug/L	ND		ND	ND	ND			7.5	EPA 625	5	0.75	5.0
Hexachloroethane	ug/L	ND		ND	ND	ND			0.7	EPA 625	1	0.14	1.0
Indeno (1,2,3-cd) pyrene	ug/L	ND		ND	ND	ND				EPA 610	10	0.040	0.20
Isophorone	ug/L	ND		ND	ND	ND			0.65	EPA 625	1	0.13	1.0
Lead	ug/L	DNQ Est. Conc. 0.09	DNQ Est. Conc. 0.12	DNQ Est. Conc. 0.09	ND	DNQ Est. Conc. 0.18			0.4	EPA 200.8	0.5	0.03	0.25
Mercury	ug/L	0.0083	0.0021	ND	0.0028	0.0083			0.04	EPA 1631	0.5	0.00011	0.00020
Methyl-tert-butyl-ether	ug/L	1.7		DNQ Est. Conc. 0.18	1.0	1.7				EPA 624		0.12 - 0.21	0.50
n-Nitrosodi-n-propylamine	ug/L	ND		ND	ND	ND			0.6	EPA 625	5	0.12	5.0
n-Nitrosodimethylamine (NDMA)	ug/L	ND		ND	ND	ND			0.7	EPA 625	5	0.14	5.0
n-Nitrosodiphenylamine	ug/L	ND		ND	ND	ND			0.75	EPA 625	1	0.15	1.0
Naphthalene	ug/L	ND		ND	ND	ND				EPA 625	1	0.18	1.0
Nickel	ug/L	7.75	7.30	5.89	8.04	12.0			13	EPA 200.8	1	0.10 - 0.13	1.00
Nitrate as Nitrogen	mg/L	ND		ND	ND	ND				SM 4500 NO3 E		0.00600	0.100
Nitrite as Nitrogen	mg/L	0.04		0.03	0.05	0.06				SM 4500 NO2 B		0.00030	0.0100
Nitrobenzene	ug/L	ND		ND	ND	ND			2.2	EPA 625	1	0.22	1.0
OctaCDD	pg/L	DNQ Est. Conc. 6.5		DNQ Est. Conc. 6.5	ND	DNQ Est. Conc. 11				EPA 1613B		0.81 - 1.3	100 - 120
OctaCDF	pg/L	DNQ Est. Conc. 2.3		ND	ND	DNQ Est. Conc. 17				EPA 1613B		0.72 - 1.5	100 - 120
Oil and grease	mg/L	ND	ND	ND	ND	ND	45	15		EPA 1664A		0.8 - 0.9	4.0 - 4.8
Organic nitrogen	mg/L	2.73		ND	2.01	3.12				SM 4500 NH3 C			1.00
Oxychlordane	ug/L	ND		ND	ND	ND				EPA 608		0.001	0.01
PCB-101	pg/L			DNQ Est. Conc. 33	ND	DNQ Est. Conc. 33				EPA 1668		680	680
PCB-105	pg/L			DNQ Est. Conc. 5.1	ND	DNQ Est. Conc. 5.1				EPA 1668		23	23

Parameter	Units	January	February	March	April	May	June	July	August	September	October
PCB-110	pg/L								DNQ Est. Conc. 31		
PCB-114	pg/L								ND		
PCB-118	pg/L								DNQ Est. Conc. 19		
PCB-119	pg/L								DNQ Est. Conc. 20		
PCB-123	pg/L								ND		
PCB-126	pg/L								ND		
PCB-128	pg/L								ND		
PCB-138	pg/L								DNQ Est. Conc. 34		
PCB-149	pg/L								DNQ Est. Conc. 31		
PCB-151	pg/L								DNQ Est. Conc. 12		
PCB-153	pg/L								DNQ Est. Conc. 31		
PCB-156	pg/L								ND		
PCB-157	pg/L								ND		
PCB-158	pg/L								DNQ Est. Conc. 2.8		
PCB-167	pg/L								ND		
PCB-168	pg/L								DNQ Est. Conc. 31		
PCB-169	pg/L								ND		
PCB-170	pg/L								DNQ Est. Conc. 11		
PCB-177	pg/L								DNQ Est. Conc. 8.1		
PCB-180	pg/L								DNQ Est. Conc. 30		
PCB-183	pg/L								DNQ Est. Conc. 9.0		
PCB-187	pg/L								DNQ Est. Conc. 16		
PCB-189	pg/L								ND		
PCB-18	pg/L								DNQ Est. Conc. 110		
PCB-194	pg/L								DNQ Est. Conc. 4.1		
PCB-201	pg/L								ND		
PCB-206	pg/L								ND		
PCB-28	pg/L								DNQ Est. Conc. 190		
PCB-37	pg/L								ND		
PCB-44	pg/L								DNQ Est. Conc. 130		
PCB-49	pg/L								DNQ Est. Conc. 60		
PCB-52	pg/L								DNQ Est. Conc. 120		
PCB-66	pg/L								DNQ Est. Conc. 30		
PCB-70	pg/L								DNQ Est. Conc. 81		
PCB-74	pg/L								DNQ Est. Conc. 81		
PCB-77	pg/L								ND		
PCB-81	pg/L								ND		
PCB-87	pg/L								DNQ Est. Conc. 20		
PCB-99	pg/L								DNQ Est. Conc. 7.8		
Pentachlorophenol	ug/L		ND			ND			ND		
Phenanthrene	ug/L		ND			ND			ND		
Phenol	ug/L		DNQ Est. Conc. 0.52			DNQ Est. Conc. 0.56			ND		
pH	SU	7.2	7.2	7.2	7.1	7.1	7.2	7.2	7.3	7.2	7.2
Pyrene	ug/L		ND			ND			ND		
Selenium	ug/L	5.16	3.85	3.54	3.29	4.97	4.03	4.20	4.48	4.32	3.66
Settleable Solids	ml/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	ug/L	DNQ Est. Conc. 0.03	DNQ Est. Conc. 0.03	ND	DNQ Est. Conc. 0.03	DNQ Est. Conc. 0.03	ND	DNQ Est. Conc. 0.10	ND	DNQ Est. Conc. 0.04	ND
TCDD equivalents	pg/L		ND			ND			ND		
Temperature	Degrees F	78.3	78.3	79.2	80.6	83.1	84.8	86.3	87.1	87.5	86.2
Tetrachloroethylene	ug/L		DNQ Est. Conc. 0.20			0.54			ND		
Thallium	ug/L		ND			ND			ND		
Toluene	ug/L		DNQ Est. Conc. 0.24			DNQ Est. Conc. 0.21			DNQ Est. Conc. 0.09		
Total Chlordanes	ug/L		ND			ND			ND		
Total DDT	ug/L		ND			ND			ND		
Total Dichlorobenzene	ug/L		ND			ND			ND		
Total Endosulfan	ug/L		ND			ND			ND		
Total Halomethanes	ug/L		ND			ND			ND		
Total HCH	ug/L		ND			ND			ND		
Total Organic Carbon	mg/L	14.3	11.6	12.2	13.0	13.7	12.5	12.3	12.0	10.9	11.1
Total PAH	ug/L		ND			ND			ND		
Total PCBs	ug/L		ND			ND			ND		
Total Phenolic Compounds (chlorinated)	ug/L		ND			ND			ND		
Total Phenolic Compounds (non-chlorinated)	ug/L		ND			ND			ND		
Total Phosphorus	mg/L		0.52			0.66			0.61		
Total Suspended Solids	mg/L	13	13	14	13	13	15	9.4	9.2	9.0	8.3
Toxaphene	ug/L		ND			ND			ND		
trans-Nonachlor	ug/L		ND			ND			ND		
Tributyltin (TBT)	ng/L		ND			ND			ND		
Trichloroethylene	ug/L		ND			ND			ND		
Turbidity	NTU	4.1	4.1	4.1	4.3	4.2	5.0	3.3	3.3	3.2	2.9
Vinyl Chloride	ug/L		ND			ND			ND		
Zinc	ug/L	10.1	9.79	12.5	9.69	9.94	9.87	14.1	10.0	12.6	8.32

Parameter	Units	November	December	Monthly Average			Limit			Method	ML	MDL	RDL
				Minimum	Average	Maximum	Max Daily	Monthly Average	Performance Goal				
PCB-110	pg/L			DNQ Est. Conc. 31	ND	DNQ Est. Conc. 31				EPA 1668		460	460
PCB-114	pg/L			ND	ND	ND				EPA 1668		23	23
PCB-118	pg/L			DNQ Est. Conc. 19	ND	DNQ Est. Conc. 19				EPA 1668		23	23
PCB-119	pg/L			DNQ Est. Conc. 20	ND	DNQ Est. Conc. 20				EPA 1668		1400	1400
PCB-123	pg/L			ND	ND	ND				EPA 1668		23	23
PCB-126	pg/L			ND	ND	ND				EPA 1668		23	23
PCB-128	pg/L			ND	ND	ND				EPA 1668		460	460
PCB-138	pg/L			DNQ Est. Conc. 34	ND	DNQ Est. Conc. 34				EPA 1668		680	680
PCB-149	pg/L			DNQ Est. Conc. 31	ND	DNQ Est. Conc. 31				EPA 1668		460	460
PCB-151	pg/L			DNQ Est. Conc. 12	ND	DNQ Est. Conc. 12				EPA 1668		460	460
PCB-153	pg/L			DNQ Est. Conc. 31	ND	DNQ Est. Conc. 31				EPA 1668		460	460
PCB-156	pg/L			ND	ND	ND				EPA 1668		46	46
PCB-157	pg/L			ND	ND	ND				EPA 1668		46	46
PCB-158	pg/L			DNQ Est. Conc. 2.8	ND	DNQ Est. Conc. 2.8				EPA 1668		230	230
PCB-167	pg/L			ND	ND	ND				EPA 1668		23	23
PCB-168	pg/L			DNQ Est. Conc. 31	ND	DNQ Est. Conc. 31				EPA 1668		460	460
PCB-169	pg/L			ND	ND	ND				EPA 1668		230	230
PCB-170	pg/L			DNQ Est. Conc. 11	ND	DNQ Est. Conc. 11				EPA 1668		230	230
PCB-177	pg/L			DNQ Est. Conc. 8.1	ND	DNQ Est. Conc. 8.1				EPA 1668		460	460
PCB-180	pg/L			DNQ Est. Conc. 30	ND	DNQ Est. Conc. 30				EPA 1668		230	230
PCB-183	pg/L			DNQ Est. Conc. 9.0	ND	DNQ Est. Conc. 9.0				EPA 1668		230	230
PCB-187	pg/L			DNQ Est. Conc. 16	ND	DNQ Est. Conc. 16				EPA 1668		23	23
PCB-189	pg/L			ND	ND	ND				EPA 1668		230	230
PCB-18	pg/L			DNQ Est. Conc. 110	ND	DNQ Est. Conc. 110				EPA 1668		460	460
PCB-194	pg/L			DNQ Est. Conc. 4.1	ND	DNQ Est. Conc. 4.1				EPA 1668		230	230
PCB-201	pg/L			ND	ND	ND				EPA 1668		230	230
PCB-206	pg/L			ND	ND	ND				EPA 1668		230	230
PCB-28	pg/L			DNQ Est. Conc. 190	ND	DNQ Est. Conc. 190				EPA 1668		460	460
PCB-37	pg/L			ND	ND	ND				EPA 1668		230	230
PCB-44	pg/L			DNQ Est. Conc. 130	ND	DNQ Est. Conc. 130				EPA 1668		680	680
PCB-49	pg/L			DNQ Est. Conc. 60	ND	DNQ Est. Conc. 60				EPA 1668		460	460
PCB-52	pg/L			DNQ Est. Conc. 120	ND	DNQ Est. Conc. 120				EPA 1668		230	230
PCB-66	pg/L			DNQ Est. Conc. 30	ND	DNQ Est. Conc. 30				EPA 1668		230	230
PCB-70	pg/L			DNQ Est. Conc. 81	ND	DNQ Est. Conc. 81				EPA 1668		910	910
PCB-74	pg/L			DNQ Est. Conc. 81	ND	DNQ Est. Conc. 81				EPA 1668		910	910
PCB-77	pg/L			ND	ND	ND				EPA 1668		23	23
PCB-81	pg/L			ND	ND	ND				EPA 1668		23	23
PCB-87	pg/L			DNQ Est. Conc. 20	ND	DNQ Est. Conc. 20				EPA 1668		1400	1400
PCB-99	pg/L			DNQ Est. Conc. 7.8	ND	DNQ Est. Conc. 7.8				EPA 1668		230	230
Pentachlorophenol	ug/L	ND		ND	ND	ND				EPA 625	5	0.38	1.0
Phenanthrene	ug/L	ND		ND	ND	ND				EPA 625	5	0.19	5.0
Phenol	ug/L	DNQ Est. Conc. 0.40		ND	ND	DNQ Est. Conc. 0.56				EPA 625	1	0.14	1.0
pH	SU	7.2	7.2	7.1	7.2	7.3				SM 4500 H+ B		1.00	1.00 - 4.00
Pyrene	ug/L	ND		ND	ND	ND				EPA 625	10	0.19	10.0
Selenium	ug/L	4.23	4.96	3.29	4.22	5.16			7.6	EPA 200.8	2	0.04 - 0.17	1.00
Settleable Solids	ml/L	ND	ND	ND	ND	ND	1.5	0.5		SM 2540F		0	0.1
Silver	ug/L	ND	ND	ND	ND	DNQ Est. Conc. 0.10			0.2	EPA 200.8	0.25	0.03	0.20
TCDD equivalents	pg/L	ND		ND	ND	ND		0.65		EPA 1613B			
Temperature	Degrees F	83.2	80.0	78.3	82.9	87.5	100			EPA 170.1 (oF)			
Tetrachloroethylene	ug/L	DNQ Est. Conc. 0.41		ND	0.14	0.54			20	EPA 624	2	0.12 - 0.18	0.50
Thallium	ug/L	ND		ND	ND	ND			0.6	EPA 200.8	1	0.020	0.25
Toluene	ug/L	DNQ Est. Conc. 0.19		DNQ Est. Conc. 0.09	ND	DNQ Est. Conc. 0.24			0.5	EPA 624	2	0.06 - 0.19	0.50
Total Chlordanes	ug/L	ND		ND	ND	ND		0.0038		EPA 608			
Total DDT	ug/L	ND		ND	ND	ND		0.028	0.015	EPA 608			
Total Dichlorobenzene	ug/L	ND		ND	ND	ND			0.5	EPA 624			
Total Endosulfan	ug/L	ND		ND	ND	ND			0.015	EPA 608			
Total Halomethanes	ug/L	ND		ND	ND	ND			1	EPA 624			
Total HCH	ug/L	ND		ND	ND	ND			0.015	EPA 608			
Total Organic Carbon	mg/L	11.4	12.6	10.9	12.3	14.3				SM 5310C		0.05 - 0.49	0.50 - 5.00
Total PAH	ug/L	ND		ND	ND	ND			0.95	EPA 625			
Total PCBs	ug/L	ND		ND	ND	ND		0.0032		EPA 608			
Total Phenolic Compounds (chlorinated)	ug/L	ND		ND	ND	ND			1.9	EPA 625			
Total Phenolic Compounds (non-chlorinated)	ug/L	ND		ND	ND	ND			3.6	EPA 625			
Total Phosphorus	mg/L	0.57		0.52	0.59	0.66				SM4500P-E		0.0275	0.250
Total Suspended Solids	mg/L	7.7	9.5	7.7	11	15		30		SM 2540D		5.0 - 8.1	5.0 - 8.1
Toxaphene	ug/L	ND		ND	ND	ND		0.035		EPA 608	0.5	0.04 - 0.08	0.5
trans-Nonachlor	ug/L	ND		ND	ND	ND				EPA 608		0.001	0.01
Tributyltin (TBT)	ng/L	ND		ND	ND	ND			10	Tributyltin by GC/FPD		0.58 - 1.4	3.0 - 3.1
Trichloroethylene	ug/L	ND		ND	ND	ND			0.85	EPA 624	2	0.13 - 0.32	0.50
Turbidity	NTU	2.9	3.3	2.9	3.7	5.0		75		SM 2130B		0.0090 - 0.12	0.10 - 0.12
Vinyl Chloride	ug/L	ND		ND	ND	ND			1.3	EPA 624	2	0.12 - 0.37	0.50
Zinc	ug/L	8.81	9.82	8.32	10.5	14.1			37	EPA 200.8	1	0.22 - 0.44	1.00

JWPCP Biosolids Monitoring

COUNTY SANITATION DISTRICTS
OF LOS ANGELES COUNTY

1955 Workman Mill Road, Whittier, CA 90601-1400
Mailing Address: P.O. Box 4998, Whittier, CA 90607-4998
Telephone: (562) 699-7411, FAX: (562) 699-5422
www.lacsd.org

GRACE ROBINSON HYDE
Chief Engineer and General Manager

February 19, 2015
File No. 98-50.1.10 SI

Ms. Lauren Fondahl
U.S. EPA - Region 9
75 Hawthorne Street
San Francisco, CA 94105-3901

Dear Ms. Fondahl:

Annual Biosolids Monitoring Report
Joint Water Pollution Control Plant, NPDES No. CA0053813

Enclosed is the Annual Monitoring Report for 2014 as required under 40 CFR Part 503.

I certify, under penalty of law, that the Class B pathogen reduction requirements in 503.32(b)(3) and the vector attraction reduction requirements in 503.33(b)(1) have been met. These determinations have been made under my direction and supervision in accordance with the system designed to ensure that qualified personnel properly gather and evaluate the information used to determine that the pathogen requirements and vector attraction reduction requirements have been met. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment.

Should you have any questions or require additional information, please contact me at (562) 908-4288, extension 2824, or by email at mfischer@lacsd.org.

Very truly yours,
Grace Robinson Hyde

Melissa Fischer
Supervising Engineer
Monitoring Section

MF:TF:MC:GS:lmb
Enclosures

cc: Unger, Los Angeles RWQCB
Creedon, Central Valley RWQCB
Phalen, ADEQ

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COUNTY SANITATION DISTRICTS
OF LOS ANGELES COUNTY

1955 Workman Mill Road, Whittier, CA 90601-1400
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www.lacsd.org

GRACE ROBINSON HYDE
Chief Engineer and General Manager

February 19, 2015
File No. 98-50.1.5B SI

Mr. Samuel Unger, Executive Director
California Regional Water Quality Control Board
Los Angeles Region
320 W. 4th St., Suite 200
Los Angeles, CA 90013

Annual Biosolids Monitoring Report
Joint Water Pollution Control Plant, NPDES No. CA0053813

Enclosed is the Annual Monitoring Report for 2014 as required under 40 CFR Part 503.

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 false certification including the possibility of fine and imprisonment for knowing violations.

Melissa Fischer
Printed Name of Person Signing

Supervising Engineer, Monitoring Section
Official Title

Signature

11 February 2015
Date Signed

MF:TF:MC:GS:lmb
Enclosures

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COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
JOINT WATER POLLUTION CONTROL PLANT

2014 ANNUAL BIOSOLIDS MONITORING REPORT

GENERAL INFORMATION

Operator:	County Sanitation Districts of Los Angeles County
Contact:	Melissa Fischer
Address:	1955 Workman Mill Road, P.O. Box 4998, Whittier, CA 90607
Telephone:	(562) 908-4288, extension 2824
Ownership Status:	Publicly Owned Treatment Works

FACILITY INFORMATION

Name:	Joint Water Pollution Control Plant (JWPCP)
Location:	24501 S. Figueroa Street, Carson, CA 90745
Telephone:	(310) 830-2400
NPDES Number:	CA0053813
Capacity/Influent Flow:	400 MGD / 263 MGD

BIOSOLIDS INFORMATION

Treatment: Primary and thickened waste activated sludges were anaerobically digested at an average temperature of 96.1 degrees Fahrenheit and detention time of 19 days. Volatile solids destruction averaged 53% and digested biosolids were dewatered to approximately 29% total solids via scroll centrifuges. Dewatered biosolids were transported to various reuse or disposal sites as summarized on page 4 and described on pages 5 – 10. The facility also co-digested 7,264 wet tons (865 dry metric tons, estimated) of food waste.

Quantities Generated: 443,858 wet tons = 128,719 dry tons = 116,772 dry metric tons
(1,216 wet tons per day = 353 dry tons per day = 320 dry metric tons per day)
Digester cleanings = 2,534 wet tons = 667 dry tons (estimated) hauled off site for landfill disposal.

Monitoring/Frequency: Monthly average digester performance for Class B time/temperature criteria and VSD (using daily temperatures and weekly volatile solids percentages).
Monthly 24-hour composite samples for Table 1/Table 3 metals.
Quarterly 24-hour composite samples for California Title 22 STLC analyses.
Semi-Annual 24-hour composite samples for priority pollutants.

Sample Type: Digested, dewatered biosolids. The location of sample collection is immediately downstream of dewatering via centrifuges.

Quality: Class B pathogen reduction requirements of 503.32(b)(3) were met for the entire year via Process to Significantly Reduce Pathogens (PSRP) criteria (time/temperature) for anaerobic digestion.

Vector Attraction Reduction requirements were met per 503.33(b)(1) for the entire year.

No samples exceeded Table 1 and Table 3 metal concentrations. Results for the reporting period are shown on page 3; additional metals data are presented in Attachment A.

Samples were characterized as non-hazardous per the California Title 22 Waste Extraction Test. Data are presented in Attachment A.

JOINT WATER POLLUTION CONTROL PLANT

2014 DIGESTER PERFORMANCE			
Month	Temperature (degrees F)	Detention Time (days)	VSD (%)
Jan	96.1	19	54
Feb	96.1	19	53
Mar	96.1	19	53
Apr	96.1	19	54
May	96.2	18	52
Jun	96.2	20	51
Jul	96.3	19	51
Aug	96.2	19	51
Sep	96.2	19	52
Oct	96.1	19	52
Nov	96.0	19	52
Dec	96.1	19	55
Mean	96.1	19	53
Min	96.0	18	51

2014 BIOSOLIDS CAKE – TABLE 1/TABLE 3 METALS CONCENTRATIONS											
			mg/kg Dry Weight								
	Sample No.	Date	As	Cd	Cu	Pb	Hg	Mo	Ni	Se	Zn
Jan	14010800328	1/7/2014	8.34	6.5	365	16.4	0.88	19.7	51.6	26.2	819
Feb	14020500337	2/4/2014	8.08	6.34	383	21.3	0.88	17.1	51.2	25.6	824
Mar	14030500291	3/4/2014	8.74	5.44	349	19.8	0.83	18.8	49.1	27.1	830
Apr	14040200281	4/1/2014	8.56	4.5	335	18.4	0.69	19.3	46.8	24.6	773
May	14050700317	5/6/2014	9.08	4.55	407	19.1	0.90	22	56.7	23.5	874
Jun	14060400209	6/3/2014	8.29	4.05	384	19.6	0.78	23.1	51.2	25.5	830
Jul	14070200199	7/1/1014	8.4	5.2	424	21.4	0.83	24.6	61.8	27.9	926
Aug	14080600242	8/5/2014	7.68	5.88	451	20.1	0.78	24.8	61.7	22	932
Sep	14090300202	9/2/2014	7.52	5.58	340	17.5	0.73	25.3	56.9	26.4	847
Oct	14100800235	10/7/2014	7.34	5.9	337	16.3	1.11	24.4	49.8	24.5	824
Nov	14110500208	11/4/2014	7.31	5.05	389	16.7	0.90	27.3	55.4	23.8	883
Dec	14120300218	12/2/2014	8.83	4.11	328	16	0.77	24.4	44.3	27.2	814
MEAN			**8.2**	**5.3**	**374**	**19**	**0.84**	**23**	**53.0**	**25**	**848**
MAX			**9.08**	**6.5**	**451**	**21.4**	**1.11**	**27.3**	**61.8**	**27.9**	**932**
TABLE 1 LIMITS			**75**	**85**	**4,300**	**840**	**57**	**75**	**420**	**100**	**7,500**
TABLE 3 LIMITS			**41**	**39**	**1,500**	**300**	**17**	****	**420**	**100**	**2,800**

JOINT WATER POLLUTION CONTROL PLANT

2014 BIOSOLIDS REUSE SUMMARY			
Contractor	Type of Operation	Site	Wet Tons
Liberty Composting Inc.	Composting	Liberty Composting Kern County, CA	105,585
Synagro-WWT, Inc.	Composting	South Kern Industrial Center Composting Facility, LLC Kern County, CA	52,595
Inland Empire Regional Composting Authority	Composting	Inland Empire Regional Composting Facility San Bernardino County, CA	96,581
Nursery Products, LLC.	Composting	Nursery Products Hawes Composting Facility San Bernardino County, CA	79,667
Holloway Environmental	Landfill Disposal	Holloway Landfill, Kern County, CA	58,509
Denali Water Solutions (formerly Terra Renewal)	Direct Land Application	Desert Ridge Farms, Yuma County, AZ	49,784
Denali Water Solutions (formerly Terra Renewal)	Direct Land Application	Arlington Farms, Maricopa County, AZ	870
Denali Water Solutions (formerly Terra Renewal)	Direct Land Application	Robinson Ranch, Merced County, CA	267
Total Tonnage			443,858

MANAGEMENT PRACTICES

Composting

Contract Company:	**Liberty Composting, Inc.**
Contact:	Pat McCarthy
Address:	12421 Holloway Road, Lost Hills, CA 93249
Telephone:	(661) 797-2914
Site Location:	Liberty Composting, Inc.; Kern County, CA Township 26S, Range 20E, Section 4, MDM; (163 acres)
Site Contact:	Wilson Nolan
Address:	12421 Holloway Road Lost Hills, CA 93249
Telephone:	(661) 391-5840
Reuse Process:	Bulk Land Application of Material Derived via Composting
CA Permits:	CalRecycle Solid Waste Facility Permit No. 15-AA-0287, January 31, 1996 (revised February 22, 2010) Kern County Conditional Use Permit No. 5, April 24, 1995 (revised July 9, 1998) Central Valley Regional Water Quality Control Board Waste Discharge Requirements, No. R5-2009-0018, February 5, 2009 San Joaquin Valley Unified Air Pollution Control District Nos. S-360-3-3 & S-360-1-6, expires October 31, 2015
Contract Commenced:	April 16, 2012
Operations Commenced:	January 5, 1998
Biosolids Quantity:	105,585 wet tons = 30,620 dry tons = 27,778 dry metric tons

Contract Company:	**Synagro-WWT, Inc.**
Contact:	Steve Cole
Address:	435 Williams Court Suite 100, Baltimore, MD 21220
Telephone:	(661) 765-2200
Site Location:	South Kern Compost Manufacturing Facility, LLC; Kern County, CA
Site Contact:	Anthony Cordova
Address:	2653 Santiago Road, Taft, CA 93268 Township 32S, Range 25E, Section 13 & 24 (100 acres)
Telephone:	(661) 765-2200 ext. 223
Reuse Process:	Bulk Land Application of Material Derived via Composting
CA Permits:	CalRecycle Solid Waste Facility Permit No. 15-AA-0381, June 29, 2004 Kern County Conditional Use Permit No. 2, Map #158, October 23, 2002 Central Valley Regional Water Quality Control Board Waste Discharge Requirements, No. R5-2005-007, June 24, 2005 San Joaquin Valley Unified Air Pollution Control District Nos. S-4212, June 8, 2004
Contract Commenced:	July 14, 2004, amended on December 13, 2006
Operations Commenced:	December 28, 2006
Biosolids Quantity:	52,595 wet tons = 15,253 dry tons = 13,837 dry metric tons

Owner/Operator:	**Inland Empire Regional Composting Authority**
Contact:	Melissa Fischer
Address:	LACSD, 1955 Workman Mill Road, P.O. Box 4998, Whittier, CA 90607
Telephone:	(562) 908-4288 extension 2824
Site Location:	Inland Empire Regional Composting Facility; San Bernardino County, CA
Site Contact:	Jeff Ziegenbein
Address:	12645 6th St, Rancho Cucamonga, CA 91739
Telephone:	(909) 993-1981
Reuse Process:	Bulk Land Application of Material Derived via Composting
CA Permits:	City of Rancho Cucamonga Conditional Use Permit DRC2003-00097, Resolution No. 03-103, July 23, 2003 South Coast Air Quality Management District Permit to Operate No. G10583, November 30, 2010 Permit to Construct No. 505862, November 30, 2010 CalRecycle Solid Waste Facility Permit No. 36-AA-0423, January 23, 2004 State Water Resources Control Board WDID No. 836C330308 Notice of Intent Receipt, October 7, 2004
Operations Commenced:	March 8, 2007
Biosolids Quantity:	96,581 wet tons = 28,008 dry tons = 25,408 dry metric tons

Contract Company:	**Nursery Products, LLC**
Contact:	Mr. Jeff Meberg
Address:	647 Camino de los Mares #108-174 San Clemente, CA 92673
Telephone:	(714) 287-7654
Site Location:	Nursery Products Hawes Composting Facility 14479 Cougar Road, Helendale, CA 92342
Site Contact:	Chris Seney
Telephone:	(760) 272-1224
Reuse Process:	Bulk Land Application of Material Derived via Composting
CA Permits:	Cal Recycle/LEA Solid Waste Facility Permit #36-AA-0445, August 31, 2007 Lahontan Regional Water Quality Control Board WDR Permit #R6V-2010-0010, March 10, 2010 San Bernardino County Conditional Use Permit - #P200500644CU1, December 3, 2009
Contract Commenced:	September 25, 2013
Operations Commence:	June 1, 2012
Biosolids Quantity:	79,667 wet tons = 23,103 dry tons = 20,959 dry metric tons

Landfill

Contract Company:	**Holloway Environmental**
Contact:	Mr. Dan Allen
Address:	2019 Westwind Dr. Suite B, Bakersfield, CA 93301
Telephone:	(661) 758-6484
Site Location:	Holloway Landfill, 13850 Holloway Rd. Lost Hills, CA 93249
Site Contact:	Chad Wright
Telephone:	(661) 797-2320
CA Permit:	CalRecycle Solid Waste Facility Permit No. 15-AA-00308, June 4, 2009 Kern County Conditional Use Permit No. 9, April 1, 2008 Central Valley Regional Water Quality Control Board Waste Discharge Requirements, No. R5-2010-0123, December 10, 2010 San Joaquin Valley Unified Air Pollution Control District Nos. S-7754-1-1, S-7754-1-0, S-7754 expires May 31, 2015
Contract Commenced:	April 24, 2013
Operations Commenced:	December 29, 2008
Biosolids Quantity:	58,509 wet tons = 16,968 dry tons = 15,393 dry metric tons

Direct Land Application

Contract Company:	**Denali Water Solutions, formerly Terra Renewal, Inc.**
Contact:	Mr. Chris Marks
Address:	12812 Valley View Street #9, Garden Grove, CA 92845
Telephone:	(760) 801-3175
Site Location:	Desert Ridge Farms, Yuma County, AZ Township 10S, Range 23W, Sections 26, 27, 33, 34, and 35 (3,720 acres)
Reuse Process:	Bulk Application to Agricultural Land, Annual report attached
AZ Permits:	Arizona Department of Environmental Quality (ADEQ) Letter of Registration/LTF #37613, September 12, 2005, amended November 21, 2006, amended October 30, 2007 (LTF #45935), amended December 18, 2009 (LTF #51225)
Contract Commenced:	October 10, 2012
Biosolids Quantity:	49,784 wet tons = 14,437 dry tons = 13,097 dry metric tons
Contract Company:	**Denali Water Solutions, formerly Terra Renewal, Inc.**
Contact:	Mr. Chris Marks
Address:	12812 Valley View Street #9, Garden Grove, CA 92845
Telephone:	(760) 801-3175
Site Location:	Arlington Valley Farms, Maricopa County, AZ Township 1S, Range 5W, Sections 4, 5, 7, 8, 20, 21, 22, 26,27, 29
Reuse Process:	Bulk Application to Agricultural Land, Annual report attached
AZ Permits:	Arizona Department of Environmental Quality (ADEQ) Letter of Registration/LTF #55067, October 31, 2011
Contract Commenced:	October 10, 2012
Biosolids Quantity:	870 wet tons = 252 dry tons = 229 dry metric tons
Contract Company:	**Denali Water Solutions, formerly Terra Renewal, Inc.**
Contact:	Mr. Chris Marks
Address:	12812 Valley View Street #9, Garden Grove, CA 92845
Telephone:	(760) 801-3175
Site Location:	Robinson Ranch, Snelling, Merced County, CA Township 5S, Range 14E, Sections 29, 30, 31, 32
Reuse Process:	Bulk Application to Agricultural Land, Annual report attached
CA Permits:	Merced County Department of Public Health, Division of Environmental Health, Letter RE: Merced County Sludge Management Plan 2008, May 5, 2008
Contract Commenced:	October 10, 2012
Biosolids Quantity:	267 wet tons = 77 dry tons = 70 dry metric tons

ATTACHMENT A

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
JOINT WATER POLLUTION CONTROL PLANT

Metals
Nutrients and Miscellaneous Constituents
Soluble Metals
Digester Performance
Organics

Denali Water Solutions Annual Report

2014 BIOSOLIDS MANAGEMENT PROGRAM
JWPCP Biosolids Cake -Total Metals Concentrations
Mg/Kg Dry Weight

Sample No.	Date	% TS	As	Cd	Cr	Cu	Pb	Hg	Mo	Ni	Se	Zn	Al
14010800328	1/7/2014	29.2	8.34	6.5	66.8	365	16.4	0.88	19.7	51.6	26.2	819	6,350
14020500337	2/4/2014	29	8.08	6.34	71.6	383	21.3	0.88	17.1	51.2	25.6	824	-
14030500291	3/4/2014	29.2	8.74	5.44	73.8	349	19.8	0.83	18.8	49.1	27.1	830	-
14040200281	4/1/2014	28.9	8.56	4.5	87	335	18.4	0.69	19.3	46.8	24.6	773	6,720
14050700317	5/6/2014	28.9	9.08	4.55	84.3	407	19.1	0.90	22	56.7	23.5	874	-
14060400209	6/3/2014	29.4	8.29	4.05	70.6	384	19.6	0.78	23.1	51.2	25.5	830	-
14070200199	7/1/2014	28.3	8.4	5.2	86.6	424	21.4	0.83	24.6	61.8	27.9	926	7,670
14080600242	8/5/2014	28.9	7.68	5.88	89	451	20.1	0.78	24.8	61.7	22	932	-
14090300202	9/2/2014	29.2	7.52	5.58	72.2	340	17.5	0.73	25.3	56.9	26.4	847	-
14100800235	10/7/2014	29.3	7.34	5.9	76.9	337	16.3	1.11	24.4	49.8	24.5	824	7,740
14110500208	11/4/2014	28.4	7.31	5.05	80.6	389	16.7	0.90	27.3	55.4	23.8	883	-
14120300218	12/2/2014	28.6	8.83	4.11	72.3	328	16	0.77	24.4	44.3	27.2	814	-
MEAN		**29**	**8.2**	**5.3**	**78**	**374**	**19**	**0.84**	**23**	**53.0**	**25**	**848**	**7,120**
MAX			**9.08**	**6.5**	**89**	**451**	**21.4**	**1.11**	**27.3**	**61.8**	**27.9**	**932**	**7,740**
TABLE 1 LIMITS		****	**75**	**85**	****	**4,300**	**840**	**57**	**75**	**420**	**100**	**7,500**	****
TABLE 3 LIMITS		****	**41**	**39**	****	**1,500**	**300**	**17**	****	**420**	**100**	**2,800**	****

Sample No.	Date	% TS	Sb	Ba	Be	Co	Fe	Mn	K	Ag	Tl	Sn	V
14010800328	1/7/2014	29.2	3.83	1,520	< 0.2	9.08	93,000	217	868	4.06	< 0.2	38.1	91.6
14020500337	2/4/2014	29	-	-	-	-	-	-	-	-	-	-	-
14030500291	3/4/2014	29.2	-	-	-	-	-	-	-	-	-	-	-
14040200281	4/1/2014	28.9	3.77	1,370	< 0.2	7.06	82,600	212	887	3.96	< 0.2	36.3	57.2
14050700317	5/6/2014	28.9	-	-	-	-	-	-	-	-	-	-	-
14060400209	6/3/2014	29.4	-	-	-	-	-	-	-	-	-	-	-
14070200199	7/1/2014	28.3	3.36	211	< 0.2	9.72	102,000	280	1,020	4.74	< 0.2	42.3	99.5
14080600242	8/5/2014	28.9	-	-	-	-	-	-	-	-	-	-	-
14090300202	9/2/2014	29.2	-	-	-	-	-	-	-	-	-	-	-
14100800235	10/7/2014	29.3	3.54	785	< 0.2	7.5	105,000	287	1,010	4.26	< 0.2	37.9	86.4
14110500208	11/4/2014	28.4	-	-	-	-	-	-	-	-	-	-	-
14120300218	12/2/2014	28.6	-	-	-	-	-	-	-	-	-	-	-
MEAN		**29**	**3.63**	**970**	**ND**	**8.3**	**95,700**	**249**	**946**	**4.26**	**ND**	**38.7**	**83.7**
MAX			**3.83**	**1,520**	**ND**	**9.72**	**105,000**	**287**	**1,020**	**4.74**	**ND**	**42.3**	**99.5**

\ = No limit
ND = Not Detected
-- = No Sample
Statistics use detected values only

2014 BIOSOLIDS MANAGEMENT PROGRAM
JWPCP Biosolids Cake - Nutrients and Miscellaneous Constituents
Mg/Kg Dry Weight (or as indicated)

Sample No.	Date	% TS	Sulfur	PO_4	NH_3-N	Org-N	NO_3-N	NO_2-N	Boron	Paint FilterTest (ml/100 g)	pH
14010800328	1/7/2014	29.2	37,900 [A]	86,800	6,680	49,000	< 137	< 3.42	23.7	< 1.0	8.2
14020500337	2/4/2014	29	36,600 [B]	-	6,550	47,700	< 138	3.77	-	-	-
14030500291	3/4/2014	29.2	33,800 [C]	-	5,740	47,700	< 137	4.7	-	-	-
14040200281	4/1/2014	28.9	34,100 [D]	79,000	6,720	47,200	< 138	3.87	23	< 1.0	8
14050700317	5/6/2014	28.9	34,000 [E]	-	7,570	46,100	< 138	4.71	-	-	-
14060400209	6/3/2014	29.4	35,500 [F]	-	6,100	47,700	< 136	4.01	-	-	-
14070200199	7/1/2014	28.3	38,300 [G]	78,700	9,090	47,500	< 141	< 3.53	23.7	< 1.0	8.2
14080600242	8/5/2014	28.9	40,400 [H]	-	7,500	47,800	< 138	< 3.46	-	-	-
14090300202	9/2/2014	29.2	48,800 [I]	-	7,060	50,600	< 136	< 3.41	-	-	-
14100800235	10/7/2014	29.3	44,000 [J]	77,200	6,470	47,300	< 137	< 3.41	32.3	< 1.0	7.9
14110500208	11/4/2014	28.4	59,600 [K]	-	8,080	47,600	< 140	5.02	-	-	-
14120300218	12/2/2014	28.6	39,000 [L]	-	6,370	47,300	< 139	4.23	-	-	-
MEAN		**29**	**40,200**	**80,400**	**6,990**	**47,800**	**ND**	**4.3**	**26**	**ND**	**8**
MAX			**59,600**	**86,800**	**9,090**	**50,600**	**ND**	**5.02**	**32.3**	**ND**	**8.2**

ND = Not Detected
- = No Sample
Statistics use detected values only.
A = Lab ID: 14010800329
B = Lab ID: 14020500336
C = Lab ID: 14030500292
D = Lab ID: 14040200280
E = Lab ID: 14050700316
F = Lab ID: 14060400210
G = Lab ID: 14070200200
H = Lab ID: 14080600241
I = Lab ID: 14090300203
J = Lab ID: 14100800234
K = Lab ID: 14110500207
L = Lab ID: 14120300219

2014 BIOSOLIDS MANAGEMENT PROGRAM
JWPCP Biosolids Cake - Soluble Metals Concentrations - Mg/L
Analyzed by California Title 22 Waste Extraction Test

Sample No.	Date	Al	Sb	As	Ba	Be	Cd	Cr	Co	Cu	Fe
14010800331	1/7/2014	123.000	0.0662	0.140	30.900	< 0.010	0.0063	0.998	0.141	< 0.040	2,280
14040100283	4/1/2014	142.000	0.0613	0.133	38.100	< 0.010	< 0.005	1.130	0.112	< 0.040	2,000
14070200202	7/1/2014	133.000	0.0646	0.135	29.200	< 0.010	< 0.005	1.140	0.138	0.050	2,220
14100800237	10/7/2014	134.000	0.244	0.0981	26.700	< 0.010	< 0.005	0.952	0.124	< 0.040	2,330
MEAN		**133.000**	**0.109**	**0.127**	**31.200**	**ND**	**0.0063**	**1.055**	**0.129**	**0.050**	**2,210**
MAX		**142.000**	**0.2440**	**0.140**	**38.100**	**ND**	**0.0063**	**1.140**	**0.141**	**0.050**	**2,330**
TITLE 22 STLCs		****	**15**	**5.0**	**100**	**0.75**	**1**	**5**	**80**	**25**	****

Sample No.	Date	Pb	Hg	Mo	Ni	K	Se	Ag	Tl	Sn	V	Zn
14010800331	1/7/2014	0.0504	< 0.0005	0.251	0.957	< 0.040	0.0331	< 0.020	< 0.040	< 0.040	1.770	8.340
14040100283	4/1/2014	0.0515	< 0.0005	0.246	0.924	< 0.040	0.0353	< 0.020	< 0.040	< 0.040	1.120	13.700
14070200202	7/1/2014	0.051	< 0.0005	0.348	1.080	< 0.040	0.0358	< 0.020	< 0.040	< 0.040	1.800	9.230
14100800237	10/7/2014	< 0.010	< 0.0005	0.172	0.849	< 0.040	0.0298	< 0.020	< 0.040	< 0.040	1.650	3.020
MEAN		**0.051**	**ND**	**0.254**	**0.953**	**ND**	**0.0335**	**ND**	**ND**	**ND**	**1.585**	**8.600**
MAX		**0.0515**	**ND**	**0.348**	**1.080**	**ND**	**0.0358**	**ND**	**ND**	**ND**	**1.800**	**13.700**
TITLE 22 STLCs		**5.0**	**0.2**	**350**	**20**	****	**1.0**	**5**	**7.0**	****	**24**	**250**

ND = Not Detected
\ = No Limit
Statistics use detected values only.

2014 BIOSOLIDS MANAGEMENT PROGRAM

JWPCP Digester Performance

Month	Temp (°F)	Detention Time (Days)	VSD (%)
January	96.1	19	54
February	96.1	19	53
March	96.1	19	53
April	96.1	19	54
May	96.2	18	52
June	96.2	20	51
July	96.3	19	51
August	96.2	19	51
September	96.2	19	52
October	96.1	19	52
November	96.0	19	52
December	96.1	19	55
MEAN	**96.1**	**19**	**53**
MIN	**96.0**	**18**	**51**

Semi-Annual JWPCP Biosolids Cake
Detected Priority Pollutants
mg/kg on a Dry Weight Basis

Date	1/8/14	7/1/14
Sample Number	14010800328	14070100199
	14010800329	14010800329
Constituent	**Result (mg/kg)**	**Result (mg/kg)**
Arsenic	8.34	8.4
Cadmium	6.5	5.2
Chromium	66.8	86.6
Copper	365	424
Lead	16.4	21.4
Mercury	0.88	0.83
Nickel	51.6	61.8
Selenium	26.2	27.9
Silver	4.06	4.74
Zinc	819	926
Antimony	3.83	3.36
Cyanide	2.43	6.39
PP'-DDD	0.061	0.066
OP'-DDD	0.064	ND
PP'-DDE	ND	0.065
Aroclor 1260	ND	3.3
Diethylhexyl Phthalate	209	75.5

JWPCP BIOSOLIDS CAKE
2014 SEMI - ANNUAL 24-HOUR COMPOSITE SAMPLES

Sample Number	14010800328	14070200199	
		14070200200	
Sample Date:	1/8/2014	7/1/2014	Dry Weight
Description	Result	Result	Unit of Measure
PH	8.2	8.2	PH
TOTAL SOLIDS	29.2	28.3	%
TOTAL CYANIDE	2.43	6.39	MG/KG CN
ARSENIC	8.34	8.4	MG/KG AS
CADMIUM	6.5	5.2	MG/KG CD
TOTAL CHROMIUM	66.8	86.6	MG/KG CR
COPPER	365	424	MG/KG CU
LEAD	16.4	21.4	MG/KG PB
MERCURY	0.88	0.83	MG/KG HG
NICKEL	51.6	61.8	MG/KG NI
SELENIUM	26.2	27.9	MG/KG SE
SILVER	4.06	4.74	MG/KG AG
ZINC	819	926	MG/KG ZN
ANTIMONY	3.83	3.36	MG/KG SB
BERYLLIUM	< 0.2	< 0.2	MG/KG BE
THALLIUM	< 0.2	< 0.2	MG/KG TL
BARIUM	1,520	211	MG/KG BA
ALUMINUM	6,350	7,670	MG/KG AL
COBALT	9.08	9.72	MG/KG CO
IRON	93,000	102,000	MG/KG FE
MANGANESE	217	280	MG/KG MN
POTASSIUM	868	1,020	MG/KG K
MOLYBDENUM	19.7	24.6	MG/KG MO
TIN	38.1	42.3	MG/KG SN
VANADIUM	91.6	99.5	MG/KG V
PP'-DDE	< 0.025	0.065	MG/KG
PP'-DDD	0.061	0.066	MG/KG
PP'-DDT	< 0.025	< 0.025	MG/KG
ALPHA-BHC	< 0.025	< 0.025	MG/KG
LINDANE (GAMMA-BHC)	< 0.025	< 0.025	MG/KG
HEPTACHLOR	< 0.025	< 0.025	MG/KG
HEPTACHLOR EPOXIDE	< 0.025	< 0.025	MG/KG
ALDRIN	< 0.050	< 0.050	MG/KG
DIELDRIN	< 0.025	< 0.025	MG/KG
ENDRIN	< 0.025	< 0.025	MG/KG
TOXAPHENE	< 0.350	< 0.350	MG/KG
AROCLOR 1242	< 0.300	< 0.300	MG/KG
AROCLOR 1254	< 0.200	< 0.200	MG/KG
BETA-BHC	< 0.025	< 0.025	MG/KG
DELTA-BHC	< 0.025	< 0.025	MG/KG
ENDOSULFAN I	< 0.025	< 0.025	MG/KG
ENDOSULFAN II	< 0.025	< 0.025	MG/KG
ENDOSULFAN SULFATE	< 0.025	< 0.025	MG/KG
ENDRIN ALDEHYDE	< 0.250	< 0.250	MG/KG
AROCLOR 1016	< 0.200	< 0.200	MG/KG
AROCLOR 1221	< 0.300	< 0.300	MG/KG
AROCLOR 1232	< 0.300	< 0.300	MG/KG
AROCLOR 1248	< 0.150	< 0.150	MG/KG
AROCLOR 1260	< 0.150	3.3	MG/KG
METHYLENE CHLORIDE	< 0.087	< 0.035	MG/KG
CHLOROFORM	< 0.087	< 0.035	MG/KG
1,1,1-TRICHLOROETHANE	< 0.087	< 0.035	MG/KG
CARBON TETRACHLORIDE	< 0.087	< 0.035	MG/KG

JWPCP BIOSOLIDS CAKE
2014 SEMI - ANNUAL 24-HOUR COMPOSITE SAMPLES

Sample Number	14010800328	14070200199	
		14070200200	
Sample Date:	1/8/2014	7/1/2014	Dry Weight
Description	Result	Result	Unit of Measure
TRICHLOROETHYLENE	< 0.087	< 0.035	MG/KG
TETRACHLOROETHYLENE	< 0.087	< 0.035	MG/KG
CHLOROBENZENE	< 0.087	< 0.035	MG/KG
VINYL CHLORIDE	< 0.087	< 0.035	MG/KG
1,1,2-TRICHLOROETHANE	< 0.087	< 0.035	MG/KG
1,2-DICHLOROETHANE	< 0.087	< 0.035	MG/KG
TOLUENE	< 0.087	< 0.035	MG/KG
ETHYL BENZENE	< 0.087	< 0.035	MG/KG
TRANS-1,2-DICHLOROETHYLENE	< 0.087	< 0.035	MG/KG
BROMOMETHANE	< 0.087	< 0.035	MG/KG
CHLOROETHANE	< 0.087	< 0.035	MG/KG
2-CHLOROETHYLVINYLETHER	< 0.087	< 0.035	MG/KG
1,2-DICHLOROPROPANE	< 0.087	< 0.035	MG/KG
1,1,2,2-TETRACHLOROETHANE	< 0.087	< 0.035	MG/KG
ACROLEIN	< 0.087	< 0.035	MG/KG
ACRYLONITRILE	< 0.087	< 0.035	MG/KG
ACENAPHTHENE	< 69.1	< 70.3	MG/KG
ACENAPHTHYLENE	< 69.1	< 70.3	MG/KG
ANTHRACENE	< 69.1	< 70.3	MG/KG
BENZIDINE	< 346	< 351	MG/KG
BENZO(A)ANTHRACENE	< 69.1	< 70.3	MG/KG
BENZO(A)PYRENE	< 69.1	< 70.3	MG/KG
BENZO(B)FLUORANTHENE	< 69.1	< 70.3	MG/KG
BIS(2-CL-ETHOXY)METHANE	< 69.1	< 70.3	MG/KG
BIS(2-CHLOROETHYL)ETHER	< 69.1	< 70.3	MG/KG
BIS(2-CL-ISOPROPYL)ETHER	< 69.1	< 70.3	MG/KG
DIETHYLHEXYL PHTHALATE	209	75.5	MG/KG
BUTYLBENZYL PHTHALATE	< 69.1	< 70.3	MG/KG
2-CHLORONAPHTHALENE	< 69.1	< 70.3	MG/KG
CHRYSENE	< 69.1	< 70.3	MG/KG
DIBENZO(A,H)ANTHRACENE	< 69.1	< 70.3	MG/KG
1,2-DICHLOROBENZENE	< 69.1	< 70.3	MG/KG
1,3-DICHLOROBENZENE	< 69.1	< 70.3	MG/KG
1,4-DICHLOROBENZENE	< 69.1	< 70.3	MG/KG
3,3'-DICHLOROBENZIDINE	< 138	< 141	MG/KG
DIETHYL PHTHALATE	< 69.1	< 70.3	MG/KG
DIMETHYL PHTHALATE	< 69.1	< 70.3	MG/KG
DI-N-BUTYL PHTHALATE	< 69.1	< 70.3	MG/KG
2,4-DINITROTOLUENE	< 69.1	< 70.3	MG/KG
DI-N-OCTYL PHTHALATE	< 69.1	< 70.3	MG/KG
1,2-DIPHENYLHYDRAZINE	< 69.1	< 70.3	MG/KG
FLUORANTHENE	< 69.1	< 70.3	MG/KG
FLUORENE	< 69.1	< 70.3	MG/KG
HEXACHLOROBENZENE	< 69.1	< 70.3	MG/KG
HEXACHLOROBUTADIENE	< 69.1	< 70.3	MG/KG
HEXACHLOROETHANE	< 69.1	< 70.3	MG/KG
INDENO(1,2,3-C,D)PYRENE	< 69.1	< 70.3	MG/KG
ISOPHORONE	< 69.1	< 70.3	MG/KG
NAPHTHALENE	< 69.1	< 70.3	MG/KG
NITROBENZENE	< 69.1	< 70.3	MG/KG
N-NITROSODIMETHYLAMINE	< 69.1	< 70.3	MG/KG
N-NITROSODI-N-PROPYLAMINE	< 69.1	< 70.3	MG/KG
PHENANTHRENE	< 69.1	< 70.3	MG/KG

JWPCP BIOSOLIDS CAKE
2014 SEMI - ANNUAL 24-HOUR COMPOSITE SAMPLES

Sample Number	14010800328	14070200199	
		14070200200	
Sample Date:	1/8/2014	7/1/2014	Dry Weight
Description	Result	Result	Unit of Measure
PYRENE	< 69.1	< 70.3	MG/KG
2,3,7,8-TCDD	< 0.071	< 0.070	NG/KG
2-CHLOROPHENOL	< 69.1	< 70.3	MG/KG
1,2,4-TRICHLOROBENZENE	< 69.1	< 70.3	MG/KG
2,4-DICHLOROPHENOL	< 69.1	< 70.3	MG/KG
2,4-DIMETHYLPHENOL	< 69.1	< 70.3	MG/KG
2,4-DINITROPHENOL	< 138	< 141	MG/KG
2-NITROPHENOL	< 69.1	< 70.3	MG/KG
4-NITROPHENOL	< 138	< 141	MG/KG
PENTACHLOROPHENOL	< 138	< 141	MG/KG
PHENOL	< 69.1	< 70.3	MG/KG
2,4,6-TRICHLOROPHENOL	< 69.1	< 70.3	MG/KG
N-NITROSODIPHENYLAMINE	< 69.1	< 70.3	MG/KG
O-CRESOL	< 138	< 141	MG/KG
M+P CRESOL	< 138	< 141	MG/KG
MALATHION	< 8.000	< 1.500	MG/KG
OP'-DDE	< 0.025	< 0.025	MG/KG
OP'-DDD	0.064	< 0.025	MG/KG
OP'-DDT	< 0.025	< 0.025	MG/KG
METHOXYCLOR	< 0.025	< 0.025	MG/KG
2,4-D(ACID)	< 6.200	< 6.100	MG/KG
2,4,5-TP(SILVEX)	< 6.200	< 6.100	MG/KG
TECHNICAL CHLORDANE	< 0.150	< 0.150	MG/KG
TOTAL DETECTED PESTICIDES	ND	0.130	
MIREX	< 0.025	< 0.025	MG/KG
1,1-DICHLOROETHENE	< 0.087	< 0.035	MG/KG
BROMODICHLOROMETHANE	< 0.087	< 0.035	MG/KG
DIBROMOCHLOROMETHANE	< 0.087	< 0.035	MG/KG
BROMOFORM	< 0.087	< 0.035	MG/KG
O-DICHLOROBENZENE	< 0.087	< 0.035	MG/KG
M-DICHLOROBENZENE	< 0.087	< 0.035	MG/KG
P-DICHLOROBENZENE	< 0.087	< 0.035	MG/KG
1,1-DICHLOROETHANE	< 0.087	< 0.035	MG/KG
BENZENE	< 0.087	< 0.035	MG/KG
CHLOROMETHANE	< 0.087	< 0.035	MG/KG
CIS-1,3-DICHLOROPROPENE	< 0.087	< 0.035	MG/KG
TRANS-1,3-DICHLOROPROPENE	< 0.087	< 0.035	MG/KG
FREON 12	< 0.087	< 0.035	MG/KG
FREON 11	< 0.087	< 0.035	MG/KG
BENZO(G.H.I.)PERYLENE	< 69.1	< 70.3	MG/KG
BENZO(K)FLUORANTHENE	< 69.1	< 70.3	MG/KG
4-BROMOPHENYL PHENYLETHER	< 69.1	< 70.3	MG/KG
4-CHLOROPHENYLPHENYLETHER	< 69.1	< 70.3	MG/KG
2,6-DINITROTOLUENE	< 69.1	< 70.3	MG/KG
HEXACHLOROCYCLOPENTADIENE	< 138	< 141.0	MG/KG
2-METHYL-4,6DINITROPHENOL	< 69.1	< 70.3	MG/KG
4-CHLORO-3-METHYLPHENOL	< 69.1	< 70.3	MG/KG
PYRIDINE	< 69.1	< 70.3	MG/KG

ND = None Detected

N/A = Data will be made available as soon as possible.

Lancaster WRP Influent Monitoring

Lancaster Water Reclamation Plant
2014 Influent Monitoring Results

Parameter	Units	January	February	March	April	May	June	July	August	September	October	November	December	Monthly Average			Method	ML	MDL	RDL
														Minimum	Average	Maximum				
1,1-Dichloroethane	ug/L	ND												ND	ND	ND	EPA 624	1	0.19	0.50
1,1-Dichloroethene	ug/L	ND												ND	ND	ND	EPA 624	2	0.28	0.50
1,1,1-Trichloroethane	ug/L	ND												ND	ND	ND	EPA 624	2	0.08	0.50
1,1,2-Trichloroethane	ug/L	ND												ND	ND	ND	EPA 624	2	0.14	0.50
1,1,2,2-Tetrachloroethane	ug/L	ND												ND	ND	ND	EPA 624	1	0.10	0.50
1,2-Dichlorobenzene	ug/L	ND												ND	ND	ND	EPA 624	2	0.16	0.50
1,2-Dichloroethane	ug/L	ND												ND	ND	ND	EPA 624	2	0.09	0.50
1,2-Dichloropropane	ug/L	ND												ND	ND	ND	EPA 624	1	0.12	0.50
1,2-Diphenylhydrazine	ug/L	ND												ND	ND	ND	EPA 625	1	1.3	10.0
1,2,4-Trichlorobenzene	ug/L	ND												ND	ND	ND	EPA 625	5	1.7	50.0
1,3-Dichlorobenzene	ug/L	ND												ND	ND	ND	EPA 624	2	0.08	0.50
1,4-Dichlorobenzene	ug/L	ND												ND	ND	ND	EPA 624	2	0.07	0.50
2-Chloroethyl vinyl ether (mixed)	ug/L	ND												ND	ND	ND	EPA 624	1	0.23	0.50
2-Chloronaphthalene	ug/L	ND												ND	ND	ND	EPA 625	10	1.6	100
2-Chlorophenol	ug/L	ND												ND	ND	ND	EPA 625	5	1.5	50.0
2-Methyl-4,6-dinitrophenol	ug/L	ND												ND	ND	ND	EPA 625	5	13.1	50.0
2-Nitrophenol	ug/L	ND												ND	ND	ND	EPA 625	10	2.0	100
2,4-Dichlorophenol	ug/L	ND												ND	ND	ND	EPA 625	5	1.5	50.0
2,4-Dimethylphenol	ug/L	ND												ND	ND	ND	EPA 625	2	1.1	20.0
2,4-Dinitrophenol	ug/L	ND												ND	ND	ND	EPA 625	5	17.3	50.0
2,4-Dinitrotoluene	ug/L	ND												ND	ND	ND	EPA 625	5	2.0	50.0
2,4,6-Trichlorophenol	ug/L	ND												ND	ND	ND	EPA 625	10	1.2	100
2,6-Dinitrotoluene	ug/L	ND												ND	ND	ND	EPA 625	5	2.2	50.0
3-Methyl-4-chlorophenol	ug/L	ND												ND	ND	ND	EPA 625	1	1.3	10.0
3,3'-Dichlorobenzidine	ug/L	ND												ND	ND	ND	EPA 625	5	11.6	50.0
4-Bromophenyl phenyl ether	ug/L	ND												ND	ND	ND	EPA 625	5	2.1	50.0
4-Chlorophenyl phenyl ether	ug/L	ND												ND	ND	ND	EPA 625	5	1.7	50.0
4-Nitrophenol	ug/L	ND												ND	ND	ND	EPA 625	10	13.7	100
4,4'-DDT	ug/L	ND												ND	ND	ND	EPA 608	0.01	0.001	0.01
4,4'-DDD	ug/L	ND												ND	ND	ND	EPA 608	0.05	0.002	0.01
4,4'-DDE	ug/L	ND												ND	ND	ND	EPA 608	0.05	0.002	0.01
Acenaphthene	ug/L	ND												ND	ND	ND	EPA 625	1	1.5	10.0
Acenaphthylene	ug/L	ND												ND	ND	ND	EPA 625	10	1.4	100
Acrolein	ug/L	ND												ND	ND	ND	EPA 624		1.4	2.0
Acrylonitrile	ug/L	ND												ND	ND	ND	EPA 624		0.31	2.0
Aldrin	ug/L	ND												ND	ND	ND	EPA 608	0.005	0.002	0.005
alpha-BHC	ug/L	ND												ND	ND	ND	EPA 608	0.01	0.001	0.01
Aluminum	mg/L	0.459												0.459	0.459	0.459	EPA 200.8		0.00100	0.0100
Ammonia as nitrogen	mg/L	34.2			31.2			32.4				41.4		31.2	34.8	41.4	SM 4500 NH3 G		0.600 - 0.800	3.00 - 4.00
Anthracene	ug/L	ND												ND	ND	ND	EPA 625	10	1.8	100
Antimony	mg/L	0.00083												0.00083	0.00083	0.00083	EPA 200.8	0.0005	0.00013	0.00050
Aroclor 1016	ug/L	ND												ND	ND	ND	EPA 608	0.5	0.04	0.1
Aroclor 1221	ug/L	ND												ND	ND	ND	EPA 608	0.5	0.2	0.5
Aroclor 1232	ug/L	ND												ND	ND	ND	EPA 608	0.5	0.2	0.3
Aroclor 1242	ug/L	ND												ND	ND	ND	EPA 608	0.5	0.08	0.1
Aroclor 1248	ug/L	ND												ND	ND	ND	EPA 608	0.5	0.04	0.1
Aroclor 1254	ug/L	ND												ND	ND	ND	EPA 608	0.5	0.03	0.05
Aroclor 1260	ug/L	ND												ND	ND	ND	EPA 608	0.5	0.05	0.1
Arsenic	mg/L	0.00312												0.00312	0.00312	0.00312	EPA 200.8	0.002	0.00016	0.00100
Barium	mg/L	0.0497												0.0497	0.0497	0.0497	EPA 200.8		0.00006	0.00050
Benzene	ug/L	ND												ND	ND	ND	EPA 624	2	0.24	0.50
Benzidine	ug/L	ND												ND	ND	ND	EPA 625	5	16.7	50.0
Benzo(a)anthracene	ug/L	ND												ND	ND	ND	EPA 625	5	1.9	50.0
Benzo(a)pyrene	ug/L	ND												ND	ND	ND	EPA 625	10	1.5	100
Benzo(b)fluoranthene	ug/L	ND												ND	ND	ND	EPA 625	10	1.3	100
Benzo(g,h,i)perylene	ug/L	ND												ND	ND	ND	EPA 625	5	1.9	50.0
Benzo(k)fluoranthene	ug/L	ND												ND	ND	ND	EPA 625	10	2.3	100
Beryllium	mg/L	ND												ND	ND	ND	EPA 200.8	0.0005	0.000040	0.00025
beta-BHC	ug/L	ND												ND	ND	ND	EPA 608	0.005	0.003	0.005
bis(2-Chloroethoxy) methane	ug/L	ND												ND	ND	ND	EPA 625	5	1.3	50.0
bis(2-Chloroethyl) ether	ug/L	ND												ND	ND	ND	EPA 625	1	1.9	10.0
bis(2-Chloroisopropyl) ether	ug/L	ND												ND	ND	ND	EPA 625	2	1.6	20.0
bis(2-Ethylhexyl) phthalate	ug/L	DNQ Est. Conc. 12.0												DNQ Est. Conc. 12.0	ND	DNQ Est. Conc. 12.0	EPA 625	5	2.5	20.0
Bromodichloromethane	ug/L	ND												ND	ND	ND	EPA 624	2	0.08	0.50
Bromoform	ug/L	DNQ Est. Conc. 0.22												DNQ Est. Conc. 0.22	ND	DNQ Est. Conc. 0.22	EPA 624	2	0.13	0.50

Lancaster Water Reclamation Plant
2014 Influent Monitoring Results

Parameter	Units	January	February	March	April	May	June	July	August	September	October	November	December	Monthly Average			Method	ML	MDL	RDL
														Minimum	Average	Maximum				
Butyl benzyl phthalate	ug/L	ND												ND	ND	ND	EPA 625	10	1.6	100
Cadmium	mg/L	DNQ Est. Conc. 0.00014												DNQ Est. Conc. 0.00014	ND	DNQ Est. Conc. 0.00014	EPA 200.8	0.00025	0.000040	0.00020
Calcium	mg/L	38.3												38.3	38.3	38.3	EPA 200.8		0.010	0.020
Carbon tetrachloride	ug/L	ND												ND	ND	ND	EPA 624	2	0.07	0.50
Chemical oxygen demand (COD)	mg/L	817	731	549	724	694	620	613	616	607	648	669	737	549	669	817	SM 5220D (std)		8.5 - 21.3	25.0 - 62.5
Chloride	mg/L	89.1					96.5			85.5	83.4			83.4	88.6	96.5	EPA 300.0		0.300 - 0.515	4.00 - 10.0
Chlorobenzene	ug/L	ND												ND	ND	ND	EPA 624	2	0.17	0.50
Chlorodibromomethane	ug/L	DNQ Est. Conc. 0.12												DNQ Est. Conc. 0.12	ND	DNQ Est. Conc. 0.12	EPA 624	2	0.10	0.50
Chloroethane	ug/L	ND												ND	ND	ND	EPA 624	2	0.15	0.50
Chloroform	ug/L	1.6												1.6	1.6	1.6	EPA 624	2	0.12	0.50
Chromium VI	mg/L								0.00006					0.00006	0.00006	0.00006	EPA 218.6 (Dissolved)		0.00002	0.00005
Chromium, total	mg/L	0.00723												0.00723	0.00723	0.00723	EPA 200.8	0.0005	0.00007	0.00050
Chrysene	ug/L	ND												ND	ND	ND	EPA 625	10	1.7	100
cis-1,3-Dichloropropene	ug/L	ND												ND	ND	ND	EPA 624		0.05	0.50
Cobalt	mg/L	DNQ Est. Conc. 0.00020												DNQ Est. Conc. 0.00020	ND	DNQ Est. Conc. 0.00020	EPA 200.8		0.00003	0.00025
Copper	mg/L	0.0376												0.0376	0.0376	0.0376	EPA 200.8	0.0005	0.00008	0.00050
delta-BHC	ug/L	ND												ND	ND	ND	EPA 608	0.005	0.003	0.005
Di-n-butyl phthalate	ug/L	ND												ND	ND	ND	EPA 625	10	1.6	100
Di-n-octyl phthalate	ug/L	ND												ND	ND	ND	EPA 625	10	1.6	100
Dibenzo(a,h)anthracene	ug/L	ND												ND	ND	ND	EPA 625	10	1.5	100
Dibromoacetic acid	ug/L	ND												ND	ND	ND	EPA 552.2		0.099	0.99
Dichloroacetic acid	ug/L	1.4												1.4	1.4	1.4	EPA 552.2		0.50	0.99
Dieldrin	ug/L	ND												ND	ND	ND	EPA 608	0.01	0.001	0.01
Diesel range organics	ug/L	3500												3500	3500	3500	SW8015 Diesel/Oil Organics		47	50
Diethyl phthalate	ug/L	DNQ Est. Conc. 4.7												DNQ Est. Conc. 4.7	ND	DNQ Est. Conc. 4.7	EPA 625	2	2.1	20.0
Dimethyl phthalate	ug/L	ND												ND	ND	ND	EPA 625	2	1.9	20.0
Endosulfan II	ug/L	ND												ND	ND	ND	EPA 608	0.01	0.003	0.01
Endosulfan I	ug/L	ND												ND	ND	ND	EPA 608	0.02	0.001	0.01
Endosulfan sulfate	ug/L	ND												ND	ND	ND	EPA 608	0.05	0.002	0.01
Endrin aldehyde	ug/L	ND												ND	ND	ND	EPA 608	0.01	0.001	0.01
Endrin	ug/L	ND												ND	ND	ND	EPA 608	0.01	0.002	0.01
Ethylbenzene	ug/L	ND												ND	ND	ND	EPA 624	2	0.06	0.50
Fluoranthene	ug/L	ND												ND	ND	ND	EPA 625	1	1.9	10.0
Fluorene	ug/L	ND												ND	ND	ND	EPA 625	10	1.8	100
gamma-BHC (Lindane)	ug/L	ND												ND	ND	ND	EPA 608	0.02	0.001	0.01
Gasoline range organics	ug/L	ND												ND	ND	ND	SW8015 Gas-Range Organics		48	50
Heptachlor epoxide	ug/L	ND												ND	ND	ND	EPA 608	0.01	0.001	0.01
Heptachlor	ug/L	ND												ND	ND	ND	EPA 608	0.01	0.001	0.01
Hexachlorobenzene	ug/L	ND												ND	ND	ND	EPA 625	1	1.8	10.0
Hexachlorobutadiene	ug/L	ND												ND	ND	ND	EPA 625	1	1.4	10.0
Hexachlorocyclopentadiene	ug/L	ND												ND	ND	ND	EPA 625	5	7.5	50.0
Hexachloroethane	ug/L	ND												ND	ND	ND	EPA 625	1	1.4	10.0
Indeno (1,2,3-cd) pyrene	ug/L	ND												ND	ND	ND	EPA 625	10	1.4	100
Iron	mg/L	0.39												0.39	0.39	0.39	EPA 200.8		0.005	0.020
Isophorone	ug/L	ND												ND	ND	ND	EPA 625	1	1.3	10.0
Lead	mg/L	0.00166												0.00166	0.00166	0.00166	EPA 200.8	0.0005	0.00003	0.00025
m+p-Xylenes	ug/L	ND												ND	ND	ND	EPA 624		0.11	1.0
Magnesium	mg/L	7.0												7.0	7.0	7.0	EPA 200.8		0.002	0.020
Manganese	mg/L	0.0195												0.0195	0.0195	0.0195	EPA 200.8		0.00010	0.00100
Mercury	mg/L	0.00008												0.00008	0.00008	0.00008	EPA 245.1	0.0005	0.00001	0.00004
Methyl bromide (Bromomethane)	ug/L	ND												ND	ND	ND	EPA 624	2	0.30	0.50
Methyl chloride (Chloromethane)	ug/L	DNQ Est. Conc. 0.31												DNQ Est. Conc. 0.31	ND	DNQ Est. Conc. 0.31	EPA 624	2	0.22	0.50
Methyl tert-butyl ether (MTBE)	ug/L	ND												ND	ND	ND	EPA 624		0.16	0.50
Methylene chloride	ug/L	0.79												0.79	0.79	0.79	EPA 624	2	0.27	0.50
Molybdenum	mg/L	0.00718												0.00718	0.00718	0.00718	EPA 200.8		0.00004	0.00025
Monobromoacetic acid	ug/L	ND												ND	ND	ND	EPA 552.2		0.40	0.99
Monochloroacetic acid	ug/L	ND												ND	ND	ND	EPA 552.2		0.50	2.0
n-Nitrosodi-n-propylamine	ug/L	ND												ND	ND	ND	EPA 625	5	1.2	50.0
n-Nitrosodimethylamine (NDMA)	ug/L	0.056												0.056	0.056	0.056	EPA 1625 (Modified)	5	0.0005	0.0020
n-Nitrosodiphenylamine	ug/L	ND												ND	ND	ND	EPA 625	1	1.5	10.0
Naphthalene	ug/L	ND												ND	ND	ND	EPA 625	1	1.8	10.0
Nickel	mg/L	0.00217												0.00217	0.00217	0.00217	EPA 200.8	0.001	0.00013	0.00100
Nitrate as nitrogen	mg/L	ND			ND			ND				ND		ND	ND	ND	SM 4500 NO3 F		0.030	0.200
Nitrite as nitrogen	mg/L	0.042			ND			ND				ND		ND	0.011	0.042	SM 4500 NO3 F		0.003	0.030
Nitrobenzene	ug/L	ND												ND	ND	ND	EPA 625	1	2.2	10.0

Lancaster Water Reclamation Plant
2014 Influent Monitoring Results

Parameter	Units	January	February	March	April	May	June	July	August	September	October	November	December	Monthly Average			Method	ML	MDL	RDL
														Minimum	Average	Maximum				
o-Xylene	ug/L	ND												ND	ND	ND	EPA 624		0.08	0.50
Oil range organics	ug/L	1600												1600	1600	1600	SW8015 Diesel/Oil Organics		210	250
Pentachlorophenol	ug/L	ND												ND	ND	ND	EPA 625	5	3.8	10.0
Phenanthrene	ug/L	ND												ND	ND	ND	EPA 625	5	1.9	50.0
Phenols	ug/L	140												140	140	140	EPA 420.4		4.2	10
Phenol	ug/L	27.6												27.6	27.6	27.6	EPA 625	1	1.4	10.0
pH	SU	7.5	7.4	7.5	7.9	7.6	7.5	7.5	7.5	7.7	7.6	7.7	7.7	7.4	7.6	7.9	SM 4500 H+ B		1.00	4.00
Potassium	mg/L	13.7												13.7	13.7	13.7	EPA 200.8		0.019	0.20
Pyrene	ug/L	ND												ND	ND	ND	EPA 625	10	1.9	100
Selenium	mg/L	0.00104												0.00104	0.00104	0.00104	EPA 200.8	0.002	0.00017	0.00100
Silver	mg/L	DNQ Est. Conc. 0.00005												DNQ Est. Conc. 0.00005	ND	DNQ Est. Conc. 0.00005	EPA 200.8	0.00025	0.00003	0.00020
Sodium	mg/L	111												111	111	111	EPA 200.8		0.42	4.0
Sulfate	mg/L	63.8												63.8	63.8	63.8	EPA 300.0		0.147	0.500
Surfactant (MBAS)	mg/L	0.26			9.39			8.73				13.9		0.26	8.1	13.9	SM 5540C		0.03 - 1.16	0.10 - 4.00
Technical Chlordane	ug/L	ND												ND	ND	ND	EPA 608	0.1	0.03	0.05
Tetrachloroethene	ug/L	ND												ND	ND	ND	EPA 624	2	0.12	0.50
Thallium	mg/L	ND												ND	ND	ND	EPA 200.8	0.001	0.000020	0.00025
Toluene	ug/L	0.70												0.70	0.70	0.70	EPA 624	2	0.12	0.50
Total BOD	mg/L	727	254	200	382	294	279	209	223	208	285	227	278	200	297	727	SM 5210B		0.6	100 - 120
Total Carbonaceous BOD5	mg/L	507	182	190	217	249	238	162	208	165	170	203	236	162	227	507	SM 5210B		0.6	86 - 120
Total cyanide	ug/L	ND												ND	ND	ND	SM 4500 CN E	5	1.0	5.0
Total dissolved solids	mg/L	470												470	470	470	SM 2540C		2.7	25.0
Total Kjeldahl Nitrogen (TKN)	mg/L	52.2			48.4			35.0				58.5		35.0	48.5	58.5	EPA 351.2		2.70 - 6.75	4.00 - 10.0
Total organic carbon	ug/L	41900					43200			45100	44300			41900	43625	45100	SM 5310C		1630 - 2450	16700 - 25000
Total Petroleum Hydrocarbons	ug/L	5100												5100	5100	5100	SW-846 8015B			50
Total Suspended Solids	mg/L	399	296	256	423	282	330	281	298	341	313	314	350	256	324	423	SM 2540D		50.0 - 100	50.0 - 100
Total Trihalomethanes	ug/L	1.6												1.6	1.6	1.6	EPA 624			0.50
Toxaphene	ug/L	ND												ND	ND	ND	EPA 608	0.5	0.04	0.5
trans-1,2-Dichloroethene	ug/L	ND												ND	ND	ND	EPA 624	1	0.26	0.50
trans-1,3-Dichloropropene	ug/L	ND												ND	ND	ND	EPA 624		0.14	0.50
Trichloroacetic acid	ug/L	3.5												3.5	3.5	3.5	EPA 552.2		0.099	0.99
Trichloroethene	ug/L	ND												ND	ND	ND	EPA 624	2	0.32	0.50
Vanadium	mg/L	0.0147												0.0147	0.0147	0.0147	EPA 200.8		0.00007	0.00100
Vinyl chloride	ug/L	ND												ND	ND	ND	EPA 624	2	0.12	0.50
Zinc	mg/L	0.280												0.280	0.280	0.280	EPA 200.8	0.001	0.00440	0.0200

Lancaster WRP Effluent Monitoring

Lancaster Water Reclamation Plant
2014 Tertiary Effluent Monitoring Results

Parameter	Units	January	February	March	April	May	June	July	August	September	October
1,1-Dichloroethane	ug/L	ND									ND
1,1-Dichloroethene	ug/L	ND									ND
1,1,1-Trichloroethane	ug/L	ND									ND
1,1,2-Trichloroethane	ug/L	ND									ND
1,1,2,2-Tetrachloroethane	ug/L	ND									ND
1,2-Dichlorobenzene	ug/L	ND									ND
1,2-Dichloroethane	ug/L	ND									ND
1,2-Dichloropropane	ug/L	ND									ND
1,2-Diphenylhydrazine	ug/L	ND									ND
1,2,4-Trichlorobenzene	ug/L	ND									ND
1,3-Dichlorobenzene	ug/L	ND									ND
1,4-Dichlorobenzene	ug/L	ND									ND
2-Chloroethyl vinyl ether (mixed)	ug/L	ND									ND
2-Chloronaphthalene	ug/L	ND									ND
2-Chlorophenol	ug/L	ND									ND
2-Methyl-4,6-dinitrophenol	ug/L	ND									ND
2-Nitrophenol	ug/L	ND									ND
2,3,7,8-TCDD	ug/L	ND									ND
2,4-Dichlorophenol	ug/L	ND									ND
2,4-Dimethylphenol	ug/L	ND									ND
2,4-Dinitrophenol	ug/L	ND									ND
2,4-Dinitrotoluene	ug/L	ND									ND
2,4,6-Trichlorophenol	ug/L	ND									ND
2,6-Dinitrotoluene	ug/L	ND									ND
3-Methyl-4-chlorophenol	ug/L	ND									ND
3,3'-Dichlorobenzidine	ug/L	ND									ND
4-Bromophenyl phenyl ether	ug/L	ND									ND
4-Chlorophenyl phenyl ether	ug/L	ND									ND
4-Nitrophenol	ug/L	ND									ND
4,4-DDT	ug/L	ND									ND
4,4'-DDD	ug/L	ND									ND
4,4'-DDE	ug/L	ND									ND
Acenaphthene	ug/L	ND									ND
Acenaphthylene	ug/L	ND									ND
Acrolein	ug/L	ND									ND
Acrylonitrile	ug/L	ND									ND
Aldrin	ug/L	ND									ND
alpha-BHC	ug/L	ND									ND
Aluminum	mg/L	ND									0.0115
Ammonia as nitrogen	mg/L	2.20	4.24	1.99	2.30	2.28	4.20	1.69	1.64	1.69	1.72
Anthracene	ug/L	ND									ND
Antimony	mg/L	0.00055									0.00051
Aroclor 1016	ug/L	ND									ND
Aroclor 1221	ug/L	ND									ND
Aroclor 1232	ug/L	ND									ND
Aroclor 1242	ug/L	ND									ND
Aroclor 1248	ug/L	ND									ND
Aroclor 1254	ug/L	ND									ND
Aroclor 1260	ug/L	ND									ND
Arsenic	mg/L	DNQ Est. Conc. 0.00099									0.00288
Barium	mg/L	0.0150									0.0189
Benzene	ug/L	ND									ND
Benzidine	ug/L	ND									ND
Benzo(a)anthracene	ug/L	ND									ND
Benzo(a)pyrene	ug/L	ND									ND
Benzo(b)fluoranthene	ug/L	ND									ND
Benzo(g,h,i)perylene	ug/L	ND									ND
Benzo(k)fluoranthene	ug/L	ND									ND
Beryllium	mg/L	ND									ND
beta-BHC	ug/L	ND									ND
bis(2-Chloroethoxy) methane	ug/L	ND									ND
bis(2-Chloroethyl) ether	ug/L	ND									ND
bis(2-Chloroisopropyl) ether	ug/L	ND									ND
bis(2-Ethylhexyl) phthalate	ug/L	ND									ND
Bromodichloromethane	ug/L	4.5					2.4			3.5	3.5

Lancaster Water Reclamation Plant
2014 Tertiary Effluent Monitoring Results

Parameter	Units	November	December	Monthly Average			Limit		Method	ML	MDL	RDL
				Minimum	Average	Maximum	Max Daily	Monthly Average				
1,1-Dichloroethane	ug/L			ND	ND	ND			EPA 624	1	0.19 - 0.20	0.50
1,1-Dichloroethene	ug/L			ND	ND	ND			EPA 624	2	0.28 - 0.32	0.50
1,1,1-Trichloroethane	ug/L			ND	ND	ND			EPA 624	2	0.08 - 0.21	0.50
1,1,2-Trichloroethane	ug/L			ND	ND	ND			EPA 624	2	0.09 - 0.14	0.50
1,1,2,2-Tetrachloroethane	ug/L			ND	ND	ND			EPA 624	1	0.10 - 0.11	0.50
1,2-Dichlorobenzene	ug/L			ND	ND	ND			EPA 624	2	0.07 - 0.16	0.50
1,2-Dichloroethane	ug/L			ND	ND	ND			EPA 624	2	0.09 - 0.11	0.50
1,2-Dichloropropane	ug/L			ND	ND	ND			EPA 624	1	0.12 - 0.18	0.50
1,2-Diphenylhydrazine	ug/L			ND	ND	ND			EPA 625	1	0.13	1.0
1,2,4-Trichlorobenzene	ug/L			ND	ND	ND			EPA 625	5	0.17	5.0
1,3-Dichlorobenzene	ug/L			ND	ND	ND			EPA 624	2	0.08	0.50
1,4-Dichlorobenzene	ug/L			ND	ND	ND			EPA 624	2	0.07 - 0.16	0.50
2-Chloroethyl vinyl ether (mixed)	ug/L			ND	ND	ND			EPA 624	1	0.12 - 0.23	0.50
2-Chloronaphthalene	ug/L			ND	ND	ND			EPA 625	10	0.16	10.0
2-Chlorophenol	ug/L			ND	ND	ND			EPA 625	5	0.15	5.0
2-Methyl-4,6-dinitrophenol	ug/L			ND	ND	ND			EPA 625	5	1.3	5.0
2-Nitrophenol	ug/L			ND	ND	ND			EPA 625	10	0.20	10.0
2,3,7,8-TCDD	ug/L			ND	ND	ND			EPA 1613B		0.00000064 - 0.0000012	0.000011
2,4-Dichlorophenol	ug/L			ND	ND	ND			EPA 625	5	0.15	5.0
2,4-Dimethylphenol	ug/L			ND	ND	ND			EPA 625	2	0.11	2.0
2,4-Dinitrophenol	ug/L			ND	ND	ND			EPA 625	5	1.7	5.0
2,4-Dinitrotoluene	ug/L			ND	ND	ND			EPA 625	5	0.20	5.0
2,4,6-Trichlorophenol	ug/L			ND	ND	ND			EPA 625	10	0.12	10.0
2,6-Dinitrotoluene	ug/L			ND	ND	ND			EPA 625	5	0.22	5.0
3-Methyl-4-chlorophenol	ug/L			ND	ND	ND			EPA 625	1	0.13	1.0
3,3'-Dichlorobenzidine	ug/L			ND	ND	ND			EPA 625	5	1.2	5.0
4-Bromophenyl phenyl ether	ug/L			ND	ND	ND			EPA 625	5	0.21	5.0
4-Chlorophenyl phenyl ether	ug/L			ND	ND	ND			EPA 625	5	0.17	5.0
4-Nitrophenol	ug/L			ND	ND	ND			EPA 625	10	1.4	10.0
4,4-DDT	ug/L			ND	ND	ND			EPA 608	0.01	0.001	0.01
4,4'-DDD	ug/L			ND	ND	ND			EPA 608	0.05	0.002	0.01
4,4'-DDE	ug/L			ND	ND	ND			EPA 608	0.05	0.002	0.01
Acenaphthene	ug/L			ND	ND	ND			EPA 625	1	0.15	1.0
Acenaphthylene	ug/L			ND	ND	ND			EPA 625	10	0.14	10.0
Acrolein	ug/L			ND	ND	ND			EPA 624		1.3 - 1.4	2.0
Acrylonitrile	ug/L			ND	ND	ND			EPA 624		0.20 - 0.31	2.0
Aldrin	ug/L			ND	ND	ND			EPA 608	0.005	0.002	0.005
alpha-BHC	ug/L			ND	ND	ND			EPA 608	0.01	0.001	0.01
Aluminum	mg/L			ND	0.00575	0.0115			EPA 200.8		0.00100	0.0100
Ammonia as nitrogen	mg/L	1.75	1.81	1.64	2.29	4.24		(1)	SM 4500 NH3 G		0.020 - 0.200	0.100 - 1.00
Anthracene	ug/L			ND	ND	ND			EPA 625	10	0.18	10.0
Antimony	mg/L			0.00051	0.00053	0.00055			EPA 200.8	0.0005	0.00013	0.00050
Aroclor 1016	ug/L			ND	ND	ND			EPA 608	0.5	0.04	0.1
Aroclor 1221	ug/L			ND	ND	ND			EPA 608	0.5	0.2	0.5
Aroclor 1232	ug/L			ND	ND	ND			EPA 608	0.5	0.2	0.3
Aroclor 1242	ug/L			ND	ND	ND			EPA 608	0.5	0.08	0.1
Aroclor 1248	ug/L			ND	ND	ND			EPA 608	0.5	0.04	0.1
Aroclor 1254	ug/L			ND	ND	ND			EPA 608	0.5	0.03	0.05
Aroclor 1260	ug/L			ND	ND	ND			EPA 608	0.5	0.05	0.1
Arsenic	mg/L			DNQ Est. Conc. 0.00099	0.00144	0.00288			EPA 200.8	0.002	0.00016	0.00100
Barium	mg/L			0.0150	0.0170	0.0189			EPA 200.8		0.00006	0.00050
Benzene	ug/L			ND	ND	ND			EPA 624	2	0.15 - 0.24	0.50
Benzidine	ug/L			ND	ND	ND			EPA 625	5	1.7	5.0
Benzo(a)anthracene	ug/L			ND	ND	ND			EPA 625	5	0.19	5.0
Benzo(a)pyrene	ug/L			ND	ND	ND			EPA 610	10	0.007	0.020
Benzo(b)fluoranthene	ug/L			ND	ND	ND			EPA 610	10	0.004	0.020
Benzo(g,h,i)perylene	ug/L			ND	ND	ND			EPA 625	5	0.19	5.0
Benzo(k)fluoranthene	ug/L			ND	ND	ND			EPA 610	10	0.005	0.020
Beryllium	mg/L			ND	ND	ND			EPA 200.8	0.0005	0.00004	0.00025
beta-BHC	ug/L			ND	ND	ND			EPA 608	0.005	0.003	0.005
bis(2-Chloroethoxy) methane	ug/L			ND	ND	ND			EPA 625	5	0.13	5.0
bis(2-Chloroethyl) ether	ug/L			ND	ND	ND			EPA 625	1	0.19	1.0
bis(2-Chloroisopropyl) ether	ug/L			ND	ND	ND			EPA 625	2	0.16	2.0
bis(2-Ethylhexyl) phthalate	ug/L			ND	ND	ND			EPA 625	5	0.25	2.0
Bromodichloromethane	ug/L			2.4	3.5	4.5			EPA 624	2	0.08 - 0.17	0.50

Lancaster Water Reclamation Plant
2014 Tertiary Effluent Monitoring Results

Parameter	Units	January	February	March	April	May	June	July	August	September	October
Bromoform	ug/L	DNQ Est. Conc. 0.13					ND			ND	ND
Butyl benzyl phthalate	ug/L	ND									ND
Cadmium	mg/L	ND									ND
Calcium	mg/L	36.4					42.9			44.3	48.8
Carbon tetrachloride	ug/L	ND									ND
Chemical oxygen demand (COD)	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloride	mg/L	117					112			118	110
Chlorobenzene	ug/L	ND									ND
Chlorodibromomethane	ug/L	0.55					DNQ Est. Conc. 0.31			0.55	0.60
Chloroethane	ug/L	ND									ND
Chloroform	ug/L	19.2					8.5			11.4	12.5
Chromium VI	mg/L								0.00005		0.000065
Chromium, total	mg/L	0.00099									0.00097
Chrysene	ug/L	ND									ND
cis-1,3-Dichloropropene	ug/L	ND									ND
Cobalt	mg/L	DNQ Est. Conc. 0.00012									DNQ Est. Conc. 0.00012
Copper	mg/L	0.00170									0.00160
delta-BHC	ug/L	ND									ND
Di-n-butyl phthalate	ug/L	ND									ND
Di-n-octyl phthalate	ug/L	ND									ND
Dibenzo(a,h)anthracene	ug/L	ND									ND
Dibromoacetic acid	ug/L	1.2					ND			ND	ND
Dichloroacetic acid	ug/L	18					45			14	12
Dieldrin	ug/L	ND									ND
Diesel range organics	ug/L	180									
Diethyl phthalate	ug/L	ND									ND
Dimethyl phthalate	ug/L	ND									ND
Dissolved oxygen	mg/L	8.0	7.9	7.8	7.7	7.4	7.5	7.2	6.8	6.9	7.1
Endosulfan II	ug/L	ND									ND
Endosulfan I	ug/L	ND									ND
Endosulfan sulfate	ug/L	ND									ND
Endrin aldehyde	ug/L	ND									ND
Endrin	ug/L	ND									ND
Ethylbenzene	ug/L	ND									ND
Fluoranthene	ug/L	ND									ND
Fluorene	ug/L	ND									ND
gamma-BHC (Lindane)	ug/L	ND									ND
Gasoline range organics	ug/L	ND									
Haloacetic acids (HAA5)	ug/L	39					57			26	23
Heptachlor epoxide	ug/L	ND									ND
Heptachlor	ug/L	ND									ND
Hexachlorobenzene	ug/L	ND									ND
Hexachlorobutadiene	ug/L	ND									ND
Hexachlorocyclopentadiene	ug/L	ND									ND
Hexachloroethane	ug/L	ND									ND
Indeno (1,2,3-cd) pyrene	ug/L	ND									ND
Iron	mg/L	0.06									0.07
Isophorone	ug/L	ND									ND
Lead	mg/L	DNQ Est. Conc. 0.00007									DNQ Est. Conc. 0.00005
m+p-Xylenes	ug/L	ND									DNQ Est. Conc. 0.37
Magnesium	mg/L	6.5					6.9			8.5	6.7
Manganese	mg/L	0.0130									0.0121
Mercury	mg/L	ND									ND
Methyl bromide (Bromomethane)	ug/L	ND									ND
Methyl chloride (Chloromethane)	ug/L	ND									ND
Methyl tert-butyl ether (MTBE)	ug/L	ND									
Methylene chloride	ug/L	ND									ND
Molybdenum	mg/L	0.00650									0.00469
Monobromoacetic acid	ug/L	2.4					2.9			3.3	ND
Monochloroacetic acid	ug/L	3.6					3.6			2.3	4.5
n-Nitrosodi-n-propylamine	ug/L	ND									ND
n-Nitrosodimethylamine (NDMA)	ug/L	3.2					6.8				3.8
n-Nitrosodiphenylamine	ug/L	ND									ND
Naphthalene	ug/L	ND									ND
Nickel	mg/L	0.00124									0.00110

Lancaster Water Reclamation Plant
2014 Tertiary Effluent Monitoring Results

Parameter	Units	November	December	Monthly Average			Limit		Method	ML	MDL	RDL
				Minimum	Average	Maximum	Max Daily	Monthly Average				
Bromoform	ug/L			ND	ND	DNQ Est. Conc. 0.13			EPA 624	2	0.10 - 0.17	0.50
Butyl benzyl phthalate	ug/L			ND	ND	ND			EPA 625	10	0.16	10.0
Cadmium	mg/L			ND	ND	ND			EPA 200.8	0.00025	0.000040	0.00020
Calcium	mg/L			36.4	43.1	48.8			EPA 200.8		0.010	0.02
Carbon tetrachloride	ug/L			ND	ND	ND			EPA 624	2	0.07 - 0.28	0.50
Chemical oxygen demand (COD)	mg/L	ND	ND	ND	ND	ND			SM 5220D (std)		8.5	25.0
Chloride	mg/L			110	114	118			EPA 300.0		0.200 - 0.600	4.00 - 10.0
Chlorobenzene	ug/L			ND	ND	ND			EPA 624	2	0.11 - 0.17	0.50
Chlorodibromomethane	ug/L			DNQ Est. Conc. 0.31	0.43	0.60			EPA 624	2	0.06 - 0.14	0.50
Chloroethane	ug/L			ND	ND	ND			EPA 624	2	0.15 - 0.18	0.50
Chloroform	ug/L			8.5	12.9	19.2			EPA 624	2	0.12 - 0.19	0.50
Chromium VI	mg/L			0.00005	0.00006	0.000065			EPA 218.6 (Dissolved)		0.000009 - 0.00002	0.00002 - 0.00005
Chromium, total	mg/L			0.00097	0.00098	0.00099			EPA 200.8	0.0005	0.00007	0.00050
Chrysene	ug/L			ND	ND	ND			EPA 610	10	0.005	0.020
cis-1,3-Dichloropropene	ug/L			ND	ND	ND			EPA 624		0.05 - 0.07	0.50
Cobalt	mg/L			DNQ Est. Conc. 0.00012	ND	DNQ Est. Conc. 0.00012			EPA 200.8		0.00003	0.00025
Copper	mg/L			0.00160	0.00165	0.00170			EPA 200.8	0.0005	0.00008	0.00050
delta-BHC	ug/L			ND	ND	ND			EPA 608	0.005	0.003	0.005
Di-n-butyl phthalate	ug/L			ND	ND	ND			EPA 625	10	0.16	10.0
Di-n-octyl phthalate	ug/L			ND	ND	ND			EPA 625	10	0.16	10.0
Dibenzo(a,h)anthracene	ug/L			ND	ND	ND			EPA 610	10	0.004	0.020
Dibromoacetic acid	ug/L			ND	0.3	1.2			EPA 552.2		0.099 - 0.10	0.99 - 1.0
Dichloroacetic acid	ug/L			12	22	45			EPA 552.2		0.50 - 2.5	0.99 - 5.0
Dieldrin	ug/L			ND	ND	ND			EPA 608	0.01	0.001	0.01
Diesel range organics	ug/L			180	180	180			SW8015 Diesel/Oil Organics		47	50
Diethyl phthalate	ug/L			ND	ND	ND			EPA 625	2	0.21	2.0
Dimethyl phthalate	ug/L			ND	ND	ND			EPA 625	2	0.19	2.0
Dissolved oxygen	mg/L	7.6	7.7	6.8	7.5	8.0	D.O. ≥ 1.0		SM 4500 O G		0.1	1.0
Endosulfan II	ug/L			ND	ND	ND			EPA 608	0.01	0.003	0.01
Endosulfan I	ug/L			ND	ND	ND			EPA 608	0.02	0.001	0.01
Endosulfan sulfate	ug/L			ND	ND	ND			EPA 608	0.05	0.002	0.01
Endrin aldehyde	ug/L			ND	ND	ND			EPA 608	0.01	0.001	0.01
Endrin	ug/L			ND	ND	ND			EPA 608	0.01	0.002	0.01
Ethylbenzene	ug/L			ND	ND	ND			EPA 624	2	0.06 - 0.18	0.50
Fluoranthene	ug/L			ND	ND	ND			EPA 625	1	0.19	1.0
Fluorene	ug/L			ND	ND	ND			EPA 625	10	0.18	10.0
gamma-BHC (Lindane)	ug/L			ND	ND	ND			EPA 608	0.02	0.001	0.01
Gasoline range organics	ug/L			ND	ND	ND			SW8015 Gas-Range Organics		48	50
Haloacetic acids (HAA5)	ug/L			23	36	57			EPA 552.2		1.0	1.0
Heptachlor epoxide	ug/L			ND	ND	ND			EPA 608	0.01	0.001	0.01
Heptachlor	ug/L			ND	ND	ND			EPA 608	0.01	0.001	0.01
Hexachlorobenzene	ug/L			ND	ND	ND			EPA 625	1	0.18	1.0
Hexachlorobutadiene	ug/L			ND	ND	ND			EPA 625	1	0.14	1.0
Hexachlorocyclopentadiene	ug/L			ND	ND	ND			EPA 625	5	0.75	5.0
Hexachloroethane	ug/L			ND	ND	ND			EPA 625	1	0.14	1.0
Indeno (1,2,3-cd) pyrene	ug/L			ND	ND	ND			EPA 610	10	0.004	0.020
Iron	mg/L			0.06	0.07	0.07			EPA 200.8		0.005	0.02
Isophorone	ug/L			ND	ND	ND			EPA 625	1	0.13	1.0
Lead	mg/L			DNQ Est. Conc. 0.00005	ND	DNQ Est. Conc. 0.00007			EPA 200.8	0.0005	0.00003	0.00025
m+p-Xylenes	ug/L			ND	ND	DNQ Est. Conc. 0.37			EPA 624		0.11 - 0.31	1.0
Magnesium	mg/L			6.5	7.2	8.5			EPA 200.8		0.002	0.020
Manganese	mg/L			0.0121	0.0126	0.0130			EPA 200.8		0.00010	0.00100
Mercury	mg/L			ND	ND	ND			EPA 245.1	0.0005	0.00001	0.00004
Methyl bromide (Bromomethane)	ug/L			ND	ND	ND			EPA 624	2	0.30 - 0.33	0.50
Methyl chloride (Chloromethane)	ug/L			ND	ND	ND			EPA 624	2	0.19 - 0.22	0.50
Methyl tert-butyl ether (MTBE)	ug/L			ND	ND	ND			EPA 624		0.16	0.50
Methylene chloride	ug/L			ND	ND	ND			EPA 624	2	0.18 - 0.27	0.50
Molybdenum	mg/L			0.00469	0.00560	0.00650			EPA 200.8		0.00004	0.00025
Monobromoacetic acid	ug/L			ND	2.2	3.3			EPA 552.2		0.40	0.99 - 1.0
Monochloroacetic acid	ug/L			2.3	3.5	4.5			EPA 552.2		0.50	2.0
n-Nitrosodi-n-propylamine	ug/L			ND	ND	ND			EPA 625	5	0.12	5.0
n-Nitrosodimethylamine (NDMA)	ug/L			3.2	4.6	6.8			EPA 1625 (Modified)	5	0.0005	0.0020
n-Nitrosodiphenylamine	ug/L			ND	ND	ND			EPA 625	1	0.15	1.0
Naphthalene	ug/L			ND	ND	ND			EPA 625	1	0.18	1.0
Nickel	mg/L			0.00110	0.00117	0.00124			EPA 200.8	0.001	0.00013	0.00100

Lancaster Water Reclamation Plant
2014 Tertiary Effluent Monitoring Results

Parameter	Units	January	February	March	April	May	June	July	August	September	October
Nitrate as nitrogen	mg/L	7.89	8.22	8.89	8.20	8.61	7.71	8.54	9.42	7.22	9.42
Nitrite as nitrogen	mg/L	0.049	0.049	0.050	0.044	0.053	0.062	0.044	0.046	0.054	ND
Nitrobenzene	ug/L	ND									ND
o-Xylene	ug/L	ND									DNQ Est. Conc. 0.38
Oil range organics	ug/L	ND									
Pentachlorophenol	ug/L	ND									ND
Phenanthrene	ug/L	ND									ND
Phenols	ug/L	ND									
Phenol	ug/L	ND									ND
pH	SU	7.1	7.2	7.2	7.3	7.5	7.5	7.5	7.4	7.5	7.4
Potassium	mg/L	13.6									13.1
Pyrene	ug/L	ND									ND
Selenium	mg/L	DNQ Est. Conc. 0.00047									DNQ Est. Conc. 0.00048
Silver	mg/L	ND									ND
Sodium	mg/L	121					107			113	113
Sulfate	mg/L	78.8					67.9			67.8	66.8
Surfactant (MBAS)	mg/L	ND			ND			ND			
Technical Chlordane	ug/L	ND									ND
Temperature	°C	19.9	19.2	19.2	20.5	22.5	25.4	26.2	27.7	25.0	23.3
Tetrachloroethene	ug/L	ND									ND
Thallium	mg/L	ND									ND
Toluene	ug/L	ND									ND
Total BOD	mg/L	ND	ND	ND	ND	ND	ND	ND	3.2	3.2	ND
Total Carbonaceous BOD5	mg/L	ND	ND	ND	ND	ND	ND	ND	3	ND	ND
Total cyanide	ug/L		DNQ Est. Conc. 1.1						ND		
Total dissolved solids	mg/L	522			456			499			
Total Kjeldahl Nitrogen (TKN)	mg/L	2.72	3.30	2.36	4.12	2.70	2.88	2.06	1.77	2.00	0.835
Total organic carbon	ug/L	5460					4660			4780	4550
Total Petroleum Hydrocarbons	ug/L	180									
Total Suspended Solids	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total trihalomethanes	ug/L	17.6					10.9			15.4	14.4
Toxaphene	ug/L	ND									ND
trans-1,2-Dichloroethene	ug/L	ND									ND
trans-1,3-Dichloropropene	ug/L	ND									ND
Trichloroacetic acid	ug/L	14					5.5			6.6	7.0
Trichloroethene	ug/L	ND									ND
Vanadium	mg/L	0.00754									0.00861
Vinyl chloride	ug/L	ND									ND
Zinc	mg/L	0.135									0.0520

Lancaster Water Reclamation Plant
2014 Tertiary Effluent Monitoring Results

Parameter	Units	November	December	Monthly Average			Limit		Method	ML	MDL	RDL
				Minimum	Average	Maximum	Max Daily	Monthly Average				
Nitrate as nitrogen	mg/L	7.18	8.66	7.18	8.33	9.42			SM 4500 NO3 F		0.030	0.200
Nitrite as nitrogen	mg/L	0.043	0.038	ND	0.044	0.062			SM 4500 NO3 F		0.003	0.030
Nitrobenzene	ug/L			ND	ND	ND			EPA 625	1	0.22	1.0
o-Xylene	ug/L			ND	ND	DNQ Est. Conc. 0.38			EPA 624		0.08 - 0.12	0.50
Oil range organics	ug/L			ND	ND	ND			SW8015 Diesel/Oil Organics		210	250
Pentachlorophenol	ug/L			ND	ND	ND			EPA 625	5	0.38	1.0
Phenanthrene	ug/L			ND	ND	ND			EPA 625	5	0.19	5.0
Phenols	ug/L			ND	ND	ND			EPA 420.4		4.2	10
Phenol	ug/L			ND	ND	ND			EPA 625	1	0.14	1.0
pH	SU	7.4	7.4	7.1	7.4	7.5	6.0 ≤ pH ≤ 9.0		SM 4500 H+ B		1.00	1.00 - 4.00
Potassium	mg/L			13.1	13.4	13.6			EPA 200.8		0.019	0.20
Pyrene	ug/L			ND	ND	ND			EPA 625	10	0.19	10.0
Selenium	mg/L			DNQ Est. Conc. 0.00047	ND	DNQ Est. Conc. 0.00048			EPA 200.8	0.002	0.00017	0.00100
Silver	mg/L			ND	ND	ND			EPA 200.8	0.00025	0.00003	0.00020
Sodium	mg/L			107	114	121			EPA 200.8		0.10 - 0.42	1.00 - 4.00
Sulfate	mg/L			66.8	70.3	78.8			EPA 300.0		0.120 - 0.460	0.500 - 1.00
Surfactant (MBAS)	mg/L	ND		ND	ND	ND			SM 5540C		0.03	0.10
Technical Chlordane	ug/L			ND	ND	ND			EPA 608	0.1	0.03	0.05
Temperature	°C	20.4	19.9	19.2	22.4	27.7			EPA 170.1 (oC)			
Tetrachloroethene	ug/L			ND	ND	ND			EPA 624	2	0.12 - 0.18	0.50
Thallium	mg/L			ND	ND	ND			EPA 200.8	0.001	0.00002	0.00025
Toluene	ug/L			ND	ND	ND			EPA 624	2	0.12 - 0.19	0.50
Total BOD	mg/L	ND	ND	ND	0.53	3.2	30(2)	10	SM 5210B		0.6	3.0
Total Carbonaceous BOD5	mg/L	ND	ND	ND	0.3	3			SM 5210B		0.6	3
Total cyanide	ug/L			ND	ND	DNQ Est. Conc. 1.1			SM 4500 CN E	5	1.0	5.0
Total dissolved solids	mg/L	493		456	493	522			SM 2540C		2.7	25.0
Total Kjeldahl Nitrogen (TKN)	mg/L	2.33	1.30	0.835	2.36	4.12			EPA 351.2		0.135 - 0.675	0.200 - 1.00
Total organic carbon	ug/L			4550	4863	5460			SM 5310C		240	2500
Total Petroleum Hydrocarbons	ug/L			180	180	180			SW-846 8015B			50
Total Suspended Solids	mg/L	ND	ND	ND	ND	ND			SM 2540D		2.5	2.5
Total trihalomethanes	ug/L			10.9	14.6	17.6			EPA 624			0.50
Toxaphene	ug/L			ND	ND	ND			EPA 608	0.5	0.04	0.50
trans-1,2-Dichloroethene	ug/L			ND	ND	ND			EPA 624	1	0.16 - 0.26	0.50
trans-1,3-Dichloropropene	ug/L			ND	ND	ND			EPA 624		0.14 - 0.17	0.50
Trichloroacetic acid	ug/L			5.5	8.3	14			EPA 552.2		0.099 - 0.20	0.99 - 2.0
Trichloroethene	ug/L			ND	ND	ND			EPA 624	2	0.28 - 0.32	0.50
Vanadium	mg/L			0.00754	0.00808	0.00861			EPA 200.8		0.00007	0.00100
Vinyl chloride	ug/L			ND	ND	ND			EPA 624	2	0.12 - 0.26	0.50
Zinc	mg/L			0.0520	0.0935	0.135			EPA 200.8	0.001	0.00022	0.00100

(1) When discharging to Piute Ponds: Limit is a function of pH, per WQCB Order No. R6V-2002-053A1, Provision II.2.a.

(2) 7-day mean = 15 mg/L.

Lancaster WRP Biosolids Monitoring

COUNTY SANITATION DISTRICTS
OF LOS ANGELES COUNTY

1955 Workman Mill Road, Whittier, CA 90601-1400
Mailing Address: P.O. Box 4998, Whittier, CA 90607-4998
Telephone: (562) 699-7411, FAX: (562) 699-5422
www.lacsd.org

GRACE ROBINSON HYDE
Chief Engineer and General Manager

February 19, 2015
File No. 14-14.01.00

Ms. Lauren Fondahl
U.S. EPA - Region 9
75 Hawthorne Street
San Francisco, CA 94105-3901

Dear Ms. Fondahl,

Annual Biosolids Monitoring Report
Lancaster Water Reclamation Plant, WDID No. 6B190107017

Enclosed is the Annual Monitoring Report for 2014 as required under 40 CFR Part 503.

I certify, under penalty of law, that the Class B pathogen reduction requirements in 503.32(b)(3) and the vector attraction reduction requirements in 503.33(b)(1) have been met. These determinations have been made under my direction and supervision in accordance with the system designed to ensure that qualified personnel properly gather and evaluate the information used to determine that the pathogen requirements and vector attraction reduction requirements have been met. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment.

Should you have any questions or require additional information, feel free to contact me at (562) 908-4288, extension 2824, or by email at mfischer@lacsd.org.

Very truly yours,
Grace Robinson Hyde

Melissa Fischer
Supervising Engineer
Monitoring Section

MF:TF:MC:GS:lmb
Enclosures

cc: Kouyoumdjian - Lahontan RWQCB
Creedon - Central Valley RWQCB
Phalen - ADEQ

3232739

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
LANCASTER WATER RECLAMATION PLANT

2014 ANNUAL BIOSOLIDS MONITORING REPORT

GENERAL INFORMATION

Operator:	County Sanitation District No. 14 of Los Angeles County
Contact:	Melissa Fischer
Address:	1955 Workman Mill Road, P.O. Box 4998, Whittier, CA 90607
Telephone:	(562) 908-4288, extension 2824
Ownership Status:	Publicly Owned Treatment Works

FACILITY INFORMATION

Name:	Lancaster Water Reclamation Plant
Location:	1865 West Avenue D, Lancaster, CA 93534
Telephone:	(661) 942-5757
WDID Number:	6B190107017
Capacity/Influent Flow:	17.0 / 14.2 MGD

BIOSOLIDS INFORMATION

Treatment:	Primary sludge and thickened waste activated sludge are anaerobically digested at an average temperature of 97 degrees Fahrenheit and detention time of 54 days. Volatile solids destruction averaged 71% and digested biosolids were dewatered to approximately 18.5% total solids via scroll centrifuges. Dewatered biosolids were further dried in concrete drying beds prior to being transported for reuse.
Quantity Generated:	Approximately 12,200 wet tons = 2,257 dry tons = 2,048 dry metric tons in 2014. There were no digester cleanings generated for the year.
Quantity Land Applied:	Approximately 3,363 wet tons were land applied by Terra Renewal.
Quantity Composted:	Approximately 8,837 wet tons were composted by Nursery Products, LLC.
Monitoring/Frequency:	Monthly average digester performance for Class B time/temperature criteria and VSD (using daily temperatures and weekly volatile solids percentages). Bi-Monthly composite samples for Table 1/Table 3 metals.
Sample Type:	Digested biosolids prior to dewatering.
Quality:	Class B pathogen reduction requirements of 503.32(b)(3) were met for the entire year via Process to Significantly Reduce Pathogens (PSRP) criteria (time/temperature) for anaerobic digestion.

Vector Attraction Reduction requirements were met per 503.33(b)(1) for the entire year. No samples exceeded Table 1 and Table 3 metals concentrations.

Results for the reporting period are shown on page 3. Data are presented in Attachment A.

LANCASTER WATER RECLAMATION PLANT

2014 DIGESTER PERFORMANCE			
Month	Temperature (degrees F)	Detention Time (days)	VSD (%)
Jan	97	68	73
Feb	97	48	73
Mar	97	43	71
Apr	97	44	72
May	98	49	72
Jun	98	52	69
Jul	99	58	71
Aug	100	63	69
Sept	98	59	70
Oct	95	59	72
Nov	95	55	73
Dec	95	53	64
Mean Min	97 95	54 43	71 64

Individual digester performance data are presented in Attachment A.

2014 BIOSOLIDS - TABLE 1/TABLE 3 METALS CONCENTRATIONS											
mg/kg Dry Weight											
	Sample No.	Date	As	Cd	Cu	Pb	Hg	Mo	Ni	Se	Zn
Jan	14010800222	1/7/2014	8.65	1.1	505	9.68	0.67	13.8	34.0	6.00	2,370
Mar	14030400444	3/4/2014	8.66	1.1	380	9.89	1.02	13.9	25.7	5.72	1,590
May	14050700125	5/6/2014	9.00	1.0	352	9.79	0.77	14.2	25.5	5.58	1,200
Jul	14070200035	7/1/2014	10.8	1.1	437	10.2	0.8	13.6	25.4	6.92	1,370
Sep	14090300186	9/2/2014	11.1	2.5	390	9.45	0.82	14.7	22.4	7.48	1,380
Nov	14110500090	11/4/2014	11.5	3.0	466	9.83	1.15	15.0	33.3	8.13	1,500
Mean			**10.0**	**1.6**	**422**	**9.8**	**0.9**	**14.2**	**27.7**	**6.64**	**1,570**
Max			**11.5**	**3.0**	**505**	**10.2**	**1.15**	**15.0**	**34.0**	**8.13**	**2,370**
TABLE 1 LIMITS			**75**	**85**	**4,300**	**840**	**57**	**75**	**420**	**100**	**7,500**
TABLE 3 LIMITS			**41**	**39**	**1,500**	**300**	**17**	**-**	**420**	**100**	**2,800**

MANAGEMENT PRACTICES

Land Application

Contract Company:	**Denali Water Solutions, formerly Terra Renewal, Inc.**
Contact:	Mr. Chris Marks
Address:	12812 Valley View St. #9, Garden Grove, CA 92845
Telephone:	(760) 801-3175
Site Location:	Robinson Ranch, Snelling, Merced County, CA Township 5S, Range 14E, Sections 29, 30, 31, 32
Reuse Process:	Bulk Application to Agricultural Land
CA Permits:	Merced County Department of Public Health, Division of Environmental Health, Letter RE: Merced County Sludge Management Plan 2008, May 5, 2009
Contract Commenced:	February 21, 2013
Biosolids Quantity:	682 wet tons = 126 dry tons = 114 dry metric tons
Contract Company:	**Denali Water Solutions, formerly Terra Renewal, Inc.**
Contact:	Mr. Chris Marks
Address:	12812 Valley View Street #9, Garden Grove, CA 92845
Telephone:	(760) 801-3175
Site Location:	Desert Ridge Farms, Yuma County, AZ Township 10S, Range 23W, Sections 26, 27, 33, 34, and 25
Reuse Process:	Bulk Application to Agricultural Land
AZ Permits:	Arizona Department of Environmental Quality (ADEQ) Letter of Registration/LTF #37613, September 12, 2005, amended November 21, 2006, amended October 30, 2007 (LTF #45935), amended December 18, 2009 (LTF #51225)
Contract Commenced:	February 21, 2013
Biosolids Quantity:	2,681 wet tons = 496 dry tons = 450 dry metric tons

Composting

Contract Company:	**Nursery Products, LLC.**
Contact:	Mr. Jeff Meberg
Address:	647 Camino de los Mares #108-174 San Clemente, CA 92673
Telephone:	(714) 287-7654
Site Location:	Nursery Products Hawes Composting Facility 14479 Cougar Road, Helendale, CA 92342
Site Contact:	Chris Seney
Telephone:	(760) 272-1224
Reuse Process:	Bulk Land Application of Material Derived via Composting
CA Permits:	Cal Recycle/LEA Solid Waste Facility Permit #36-AA-0445, August 31, 2007 Lahontan Regional Water Quality Control Board WDR Permit #R6V-2010-0010, March 10, 2010 San Bernardino County Conditional Use Permit - #P200500644CU1, December 3, 2009
Contract Commenced:	February 20, 2014
Biosolids Quantity:	8,837 wet tons = 1,635 dry tons = 1,483 dry metric tons

ATTACHMENT A

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
LANCASTER WATER RECLAMATION PLANT

Metals
Nutrients
Digester Performance

2014 BIOSOLIDS ANALYSES
Lancaster Water Reclamation Plant
mg/kg Dry Weight (or as indicated)

Sample No.	Date	% TS	As	Cd	Cr	Cu	Pb	Hg	Mo	Ni	Se	Zn
14010800222	1/7/2014	18.8	8.65	1.1	79.1	505	9.68	0.67	13.8	34.0	6.00	2,370
14030400444	3/4/2014	18.6	8.66	1.1	77.8	380	9.89	1.02	13.9	25.7	5.72	1,590
14050700125	5/6/2014	18.5	9.00	1.0	85.0	352	9.79	0.77	14.2	25.5	5.58	1,200
14070200035	7/1/2014	18.3	10.8	1.1	83	437	10.2	0.8	13.6	25.4	6.92	1,370
14090300186	9/2/2014	19.3	11.1	2.5	85.8	390	9.45	0.82	14.7	22.4	7.48	1,380
14110500090	11/4/2014	17.4	11.5	3.0	93.1	466	9.83	1.15	15.0	33.3	8.13	1,500
MEAN		**18.5**	**10.0**	**1.6**	**84**	**422**	**9.8**	**0.9**	**14.2**	**27.7**	**6.64**	**1,570**
MAX			**11.5**	**3.0**	**93.1**	**505**	**10.2**	**1.15**	**15.0**	**34.0**	**8.13**	**2,370**
TABLE 1 LIMITS		****	**75**	**85**	****	**4,300**	**840**	**57**	**75**	**420**	**100**	**7,500**
TABLE 3 LIMITS		****	**41**	**39**	****	**1,500**	**300**	**17**	****	**420**	**100**	**2,800**

Sample No.	Date	% TS	Amm-N	Org-N	NO_3-N	NO_2-N	PO_4	K
14010800222	1/7/2014	18.8	6,140	59,100	< 10.6	5.51	76,600	1,730
14030400444	3/4/2014	18.6	6,010	54,700	11.8	14.4	105,000	1,610
14050700125	5/6/2014	18.5	7,720	56,400	26.3	15.1	117,000	1,900
14070200035	7/1/2014	18.3	7,520	54,700	24.8	6	107,000	1,660
14090300186	9/2/2014	19.3	3,390	57,900	14.2	15	99,200	1,520
14110500090	11/4/2014	17.4	6,320	52,700	21.3	8.33	67,200	1,510
MEAN		**18.5**	**6,180**	**55,900**	**19.7**	**11**	**95,300**	**1,660**
MAX			**7,720**	**59,100**	**26.3**	**15.1**	**117,000**	**1,900**

\ = No Limit
- = No Sample
Statistics use detected values only.

LANCASTER WATER RECLAMATION PLANT

2014 Digester Performance Summary

		HDT (days)	Temperature (degrees F)	VSD (%)			HDT (days)	Temperature (degrees F)	VSD (%)
Jan	Dig 5	76	96	74	Jul	Dig 4	65	101	72
	Dig 7	64	97	73		Dig 7	55	98	70
	Dig 8	64	97	72		Dig 8	54	98	70
	Avg	**68**	**97**	**73**		**Avg**	**58**	**99**	**71**
Feb	Dig 5	53	96	73	Aug	Dig 5	70	104	73
	Dig 7	45	98	74		Dig 7	60	98	67
	Dig 8	45	98	73		Dig 8	59	98	67
	Avg	**48**	**97**	**73**		**Avg**	**63**	**100**	**69**
Mar	Dig 5	47	96	73	Sep	Dig 4	66	98	75
	Dig 7	40	97	70		Dig 7	56	98	69
	Dig 8	41	98	71		Dig 8	56	98	66
	Avg	**43**	**97**	**71**		**Avg**	**59**	**98**	**70**
Apr	Dig 5	49	97	73	Oct	Dig 4	65	90	75
	Dig 7	42	98	72		Dig 7	55	98	72
	Dig 8	42	98	72		Dig 8	55	98	68
	Avg	**44**	**97**	**72**		**Avg**	**59**	**95**	**72**
May	Dig 5	54	97	73	Nov	Dig 4	61	89	75
	Dig 7	46	98	71		Dig 7	52	97	72
	Dig 8	46	98	71		Dig 8	52	97	71
	Avg	**49**	**98**	**72**		**Avg**	**55**	**95**	**73**
Jun	Dig 5	O/S	O/S	O/S	Dec	Dig 4	59	91	67
	Dig 7	52	98	69		Dig 7	50	98	63
	Dig 8	52	98	69		Dig 8	50	98	62
	Avg	**52**	**98**	**69**		**Avg**	**53**	**95**	**64**

HDT = Hydraulic Detention Time

VSD = Volatile Solids Destruction

O/S = Digester 5 went off-line to transfer contents to Digester 4, which came on-line in July. Upgrades to OSI-Pi software were being done concurrently as well.

Long Beach WRP Influent Monitoring

Long Beach Water Reclamation Plant
2014 INF-001 Monitoring Results

Parameter	Units	January	February	March	April	May	June	July	August	September
1,1-Dichloroethane	ug/L	ND						ND		
1,1-Dichloroethene	ug/L	ND						ND		
1,1,1-Trichloroethane	ug/L	ND						ND		
1,1,2-Trichloroethane	ug/L	ND						ND		
1,1,2,2-Tetrachloroethane	ug/L	ND						ND		
1,2-Dichlorobenzene	ug/L	ND						ND		
1,2-Dichloroethane	ug/L	ND						ND		
1,2-Dichloropropane	ug/L	ND						ND		
1,2-Diphenylhydrazine	ug/L	ND						ND		
1,2,4-Trichlorobenzene	ug/L	ND						ND		
1,3-Dichlorobenzene	ug/L	ND						ND		
1,3-Dichloropropene (Total)	ug/L	ND						ND		
1,4-Dichlorobenzene	ug/L	DNQ Est. Conc. 0.12						DNQ Est. Conc. 0.25		
2-Chloroethyl vinyl ether (mixed)	ug/L	ND						ND		
2-Chloronaphthalene	ug/L	ND						ND		
2-Chlorophenol	ug/L	ND						ND		
2-Methyl-4,6-dinitrophenol	ug/L	ND						ND		
2-Nitrophenol	ug/L	ND						ND		
2,3,7,8-TCDD	pg/L	ND						ND		
2,4-Dichlorophenol	ug/L	ND						ND		
2,4-Dimethylphenol	ug/L	ND						ND		
2,4-Dinitrophenol	ug/L	ND						ND		
2,4-Dinitrotoluene	ug/L	ND						ND		
2,4,6-Trichlorophenol	ug/L	ND						ND		
2,6-Dinitrotoluene	ug/L	ND						ND		
3-Methyl-4-chlorophenol	ug/L	ND						ND		
3,3'-Dichlorobenzidine	ug/L	ND						ND		
4-Bromophenyl phenyl ether	ug/L	ND						ND		
4-Chlorophenyl phenyl ether	ug/L	ND						ND		
4-Nitrophenol	ug/L	ND						ND		
4,4'-DDT	ug/L	ND						ND		
4,4'-DDD	ug/L	ND						ND		
4,4'-DDE	ug/L	ND			ND			ND		
Acenaphthene	ug/L	ND						ND		
Acenaphthylene	ug/L	ND						ND		
Acrolein	ug/L	ND						ND		
Acrylonitrile	ug/L	ND						ND		
Aldrin	ug/L	ND						ND		
alpha-BHC	ug/L	ND						ND		
Anthracene	ug/L	ND						ND		
Antimony	ug/L	0.58						0.71		
Aroclor 1016	ug/L	ND						ND		
Aroclor 1221	ug/L	ND						ND		
Aroclor 1232	ug/L	ND						ND		
Aroclor 1242	ug/L	ND						ND		
Aroclor 1248	ug/L	ND						ND		
Aroclor 1254	ug/L	ND						ND		
Aroclor 1260	ug/L	ND						ND		
Arsenic	ug/L	5.09						5.02		
Benzene	ug/L	ND						ND		
Benzidine	ug/L	ND						ND		
Benzo(a)anthracene	ug/L	ND						ND		
Benzo(a)pyrene	ug/L	ND						ND		
Benzo(b)fluoranthene	ug/L	ND						ND		
Benzo(g,h,i)perylene	ug/L	ND						ND		
Benzo(k)fluoranthene	ug/L	ND						ND		
Beryllium	ug/L	ND						ND		
beta-BHC	ug/L	ND						ND		
bis(2-Chloroethoxy) methane	ug/L	ND						ND		

Long Beach Water Reclamation Plant
2014 INF-001 Monitoring Results

Parameter	Units	October	November	December	Monthly Average			Method	ML	MDL	RDL
					Minimum	Average	Maximum				
1,1-Dichloroethane	ug/L				ND	ND	ND	EPA 624	1	0.19 - 0.20	0.50
1,1-Dichloroethene	ug/L				ND	ND	ND	EPA 624	2	0.28 - 0.32	0.50
1,1,1-Trichloroethane	ug/L				ND	ND	ND	EPA 624	2	0.08 - 0.21	0.50
1,1,2-Trichloroethane	ug/L				ND	ND	ND	EPA 624	2	0.09 - 0.14	0.50
1,1,2,2-Tetrachloroethane	ug/L				ND	ND	ND	EPA 624	1	0.10 - 0.11	0.50
1,2-Dichlorobenzene	ug/L				ND	ND	ND	EPA 624	2	0.07 - 0.16	0.50
1,2-Dichloroethane	ug/L				ND	ND	ND	EPA 624	2	0.09 - 0.11	0.50
1,2-Dichloropropane	ug/L				ND	ND	ND	EPA 624	1	0.12 - 0.18	0.50
1,2-Diphenylhydrazine	ug/L				ND	ND	ND	EPA 625	1	1.3	10.0
1,2,4-Trichlorobenzene	ug/L				ND	ND	ND	EPA 625	5	1.7	50.0
1,3-Dichlorobenzene	ug/L				ND	ND	ND	EPA 624	2	0.08	0.50
1,3-Dichloropropene (Total)	ug/L				ND	ND	ND	EPA 624	2		0.50
1,4-Dichlorobenzene	ug/L				DNQ Est. Conc. 0.12	ND	DNQ Est. Conc. 0.25	EPA 624	2	0.07 - 0.16	0.50
2-Chloroethyl vinyl ether (mixed)	ug/L				ND	ND	ND	EPA 624	1	0.12 - 0.23	0.50
2-Chloronaphthalene	ug/L				ND	ND	ND	EPA 625	10	1.6	100
2-Chlorophenol	ug/L				ND	ND	ND	EPA 625	5	1.5	50.0
2-Methyl-4,6-dinitrophenol	ug/L				ND	ND	ND	EPA 625	5	13.1	50.0
2-Nitrophenol	ug/L				ND	ND	ND	EPA 625	10	2.0	100
2,3,7,8-TCDD	pg/L				ND	ND	ND	EPA 1613B		1.2 - 3.0	11
2,4-Dichlorophenol	ug/L				ND	ND	ND	EPA 625	5	1.5	50.0
2,4-Dimethylphenol	ug/L				ND	ND	ND	EPA 625	2	1.1	20.0
2,4-Dinitrophenol	ug/L				ND	ND	ND	EPA 625	5	17.3	50.0
2,4-Dinitrotoluene	ug/L				ND	ND	ND	EPA 625	5	2.0	50.0
2,4,6-Trichlorophenol	ug/L				ND	ND	ND	EPA 625	10	1.2	100
2,6-Dinitrotoluene	ug/L				ND	ND	ND	EPA 625	5	2.2	50.0
3-Methyl-4-chlorophenol	ug/L				ND	ND	ND	EPA 625	1	1.3	10.0
3,3'-Dichlorobenzidine	ug/L				ND	ND	ND	EPA 625	5	11.6	50.0
4-Bromophenyl phenyl ether	ug/L				ND	ND	ND	EPA 625	5	2.1	50.0
4-Chlorophenyl phenyl ether	ug/L				ND	ND	ND	EPA 625	5	1.7	50.0
4-Nitrophenol	ug/L				ND	ND	ND	EPA 625	10	13.7	100
4,4'-DDT	ug/L				ND	ND	ND	EPA 608	0.01	0.001 - 0.003	0.01
4,4'-DDD	ug/L				ND	ND	ND	EPA 608	0.05	0.001 - 0.002	0.01
4,4'-DDE	ug/L	ND			ND	ND	ND	EPA 608	0.05	0.001 - 0.002	0.01
Acenaphthene	ug/L				ND	ND	ND	EPA 625	1	1.5	10.0
Acenaphthylene	ug/L				ND	ND	ND	EPA 625	10	1.4	100
Acrolein	ug/L				ND	ND	ND	EPA 624		1.3 - 1.4	2.0
Acrylonitrile	ug/L				ND	ND	ND	EPA 624		0.20 - 0.31	2.0
Aldrin	ug/L				ND	ND	ND	EPA 608	0.005	0.0009 - 0.002	0.005
alpha-BHC	ug/L				ND	ND	ND	EPA 608	0.01	0.001 - 0.002	0.01
Anthracene	ug/L				ND	ND	ND	EPA 625	10	1.8	100
Antimony	ug/L				0.58	0.65	0.71	EPA 200.8	0.5	0.13	0.50
Aroclor 1016	ug/L				ND	ND	ND	EPA 608	0.5	0.02 - 0.04	0.1
Aroclor 1221	ug/L				ND	ND	ND	EPA 608	0.5	0.2	0.5
Aroclor 1232	ug/L				ND	ND	ND	EPA 608	0.5	0.09 - 0.2	0.3
Aroclor 1242	ug/L				ND	ND	ND	EPA 608	0.5	0.02 - 0.08	0.1
Aroclor 1248	ug/L				ND	ND	ND	EPA 608	0.5	0.02 - 0.04	0.1
Aroclor 1254	ug/L				ND	ND	ND	EPA 608	0.5	0.01 - 0.03	0.05
Aroclor 1260	ug/L				ND	ND	ND	EPA 608	0.5	0.01 - 0.05	0.1
Arsenic	ug/L				5.02	5.06	5.09	EPA 200.8	2	0.16	1.00
Benzene	ug/L				ND	ND	ND	EPA 624	2	0.15 - 0.24	0.50
Benzidine	ug/L				ND	ND	ND	EPA 625	5	16.7	50.0
Benzo(a)anthracene	ug/L				ND	ND	ND	EPA 625	5	1.9	50.0
Benzo(a)pyrene	ug/L				ND	ND	ND	EPA 625	10	1.5	100
Benzo(b)fluoranthene	ug/L				ND	ND	ND	EPA 625	10	1.3	100
Benzo(g,h,i)perylene	ug/L				ND	ND	ND	EPA 625	5	1.9	50.0
Benzo(k)fluoranthene	ug/L				ND	ND	ND	EPA 625	10	2.3	100
Beryllium	ug/L				ND	ND	ND	EPA 200.8	0.5	0.040	0.25
beta-BHC	ug/L				ND	ND	ND	EPA 608	0.005	0.002 - 0.003	0.005
bis(2-Chloroethoxy) methane	ug/L				ND	ND	ND	EPA 625	5	1.3	50.0

Parameter	Units	January	February	March	April	May	June	July	August	September
bis(2-Chloroethyl) ether	ug/L	ND						ND		
bis(2-Chloroisopropyl) ether	ug/L	ND						ND		
bis(2-Ethylhexyl) phthalate	ug/L	DNQ Est. Conc. 9.1						DNQ Est. Conc. 13.6		
BOD5 20°C	mg/L	286	312	325	309	299	284	318	300	342
Bromodichloromethane	ug/L	0.57						ND		
Bromoform	ug/L	DNQ Est. Conc. 0.28						ND		
Butyl benzyl phthalate	ug/L	ND						DNQ Est. Conc. 4.2		
Cadmium	ug/L	DNQ Est. Conc. 0.089						DNQ Est. Conc. 0.12		
Carbon tetrachloride	ug/L	ND						ND		
Chlordane	ug/L	ND						ND		
Chlorobenzene	ug/L	ND						DNQ Est. Conc. 0.41		
Chlorodibromomethane	ug/L	0.51						ND		
Chloroethane	ug/L	ND						ND		
Chloroform	ug/L	5.1						3.3		
Chromium VI	ug/L	ND						0.12		
Chromium, total	ug/L	2.30						1.23		
Chrysene	ug/L	ND						ND		
Copper	ug/L	34.5			39.7			30.3		
delta-BHC	ug/L	ND						ND		
Di-n-butyl phthalate	ug/L	ND						ND		
Di-n-octyl phthalate	ug/L	ND						ND		
Dibenzo(a,h)anthracene	ug/L	ND						ND		
Dieldrin	ug/L	ND						ND		
Diethyl phthalate	ug/L	DNQ Est. Conc. 7.7						DNQ Est. Conc. 6.2		
Dimethyl phthalate	ug/L	ND						ND		
Endosulfan II	ug/L	ND						ND		
Endosulfan I	ug/L	ND						ND		
Endosulfan sulfate	ug/L	ND						ND		
Endrin aldehyde	ug/L	ND						ND		
Endrin	ug/L	ND						ND		
Ethylbenzene	ug/L	DNQ Est. Conc. 0.16						ND		
Fluoranthene	ug/L	ND						ND		
Fluorene	ug/L	ND						ND		
gamma-BHC (Lindane)	ug/L	ND						ND		
Heptachlor epoxide	ug/L	ND						ND		
Heptachlor	ug/L	ND						ND		
Hexachlorobenzene	ug/L	ND						ND		
Hexachlorobutadiene	ug/L	ND						ND		
Hexachlorocyclopentadiene	ug/L	ND						ND		
Hexachloroethane	ug/L	ND						ND		
Indeno (1,2,3-cd) pyrene	ug/L	ND						ND		
Isophorone	ug/L	ND						ND		
Lead	ug/L	0.69			1.00			0.67		
Mercury	ug/L	0.04						DNQ Est. Conc. 0.03		
Methyl bromide (Bromomethane)	ug/L	ND						ND		
Methyl chloride (Chloromethane)	ug/L	ND						DNQ Est. Conc. 0.19		
Methylene chloride	ug/L	0.72						0.85		
n-Nitrosodi-n-propylamine	ug/L	ND						ND		
n-Nitrosodimethylamine (NDMA)	ug/L	ND						ND		
n-Nitrosodiphenylamine	ug/L	ND						ND		
Naphthalene	ug/L	ND						ND		
Nickel	ug/L	2.31						2.73		
Nitrobenzene	ug/L	ND						ND		
Pentachlorophenol	ug/L	ND						ND		
Phenanthrene	ug/L	ND						ND		
Phenol	ug/L	50.7						47.8		
pH	SU	7.4	7.3	7.2	7.3	7.3	7.3	7.2	7.2	7.2
Pyrene	ug/L	ND						ND		
Selenium	ug/L	DNQ Est. Conc. 0.86						DNQ Est. Conc. 0.83		

Long Beach Water Reclamation Plant
2014 INF-001 Monitoring Results

Parameter	Units	October	November	December	Monthly Average			Method	ML	MDL	RDL
					Minimum	Average	Maximum				
bis(2-Chloroethyl) ether	ug/L				ND	ND	ND	EPA 625	1	1.9	10.0
bis(2-Chloroisopropyl) ether	ug/L				ND	ND	ND	EPA 625	2	1.6	20.0
bis(2-Ethylhexyl) phthalate	ug/L				DNQ Est. Conc. 9.1	ND	DNQ Est. Conc. 13.6	EPA 625	5	2.5	20.0
BOD5 20°C	mg/L	280	373	330	280	313	373	SM 5210B		0.6	120 - 150
Bromodichloromethane	ug/L				ND	0.29	0.57	EPA 624	2	0.08 - 0.17	0.50
Bromoform	ug/L				ND	ND	DNQ Est. Conc. 0.28	EPA 624	2	0.13 - 0.17	0.50
Butyl benzyl phthalate	ug/L				ND	ND	DNQ Est. Conc. 4.2	EPA 625	10	1.6	100
Cadmium	ug/L				DNQ Est. Conc. 0.089	ND	DNQ Est. Conc. 0.12	EPA 200.8	0.25	0.040	0.20
Carbon tetrachloride	ug/L				ND	ND	ND	EPA 624	2	0.07 - 0.28	0.50
Chlordane	ug/L				ND	ND	ND	EPA 608	0.1	0.01 - 0.03	0.05
Chlorobenzene	ug/L				ND	ND	DNQ Est. Conc. 0.41	EPA 624	2	0.11 - 0.17	0.50
Chlorodibromomethane	ug/L				ND	0.26	0.51	EPA 624	2	0.10 - 0.14	0.50
Chloroethane	ug/L				ND	ND	ND	EPA 624	2	0.15 - 0.18	0.50
Chloroform	ug/L				3.3	4.2	5.1	EPA 624	2	0.12 - 0.18	0.50
Chromium VI	ug/L				ND	0.060	0.12	EPA 218.6 (Dissolved)		0.0048 - 0.02	0.05 - 0.30
Chromium, total	ug/L				1.23	1.77	2.30	EPA 200.8	0.5	0.07	0.50
Chrysene	ug/L				ND	ND	ND	EPA 625	10	1.7	100
Copper	ug/L	37.4			30.3	35.5	39.7	EPA 200.8	0.5	0.04 - 0.08	0.50
delta-BHC	ug/L				ND	ND	ND	EPA 608	0.005	0.003 - 0.004	0.005
Di-n-butyl phthalate	ug/L				ND	ND	ND	EPA 625	10	1.6	100
Di-n-octyl phthalate	ug/L				ND	ND	ND	EPA 625	10	1.6	100
Dibenzo(a,h)anthracene	ug/L				ND	ND	ND	EPA 625	10	1.5	100
Dieldrin	ug/L				ND	ND	ND	EPA 608	0.01	0.001	0.01
Diethyl phthalate	ug/L				DNQ Est. Conc. 6.2	ND	DNQ Est. Conc. 7.7	EPA 625	2	2.1	20.0
Dimethyl phthalate	ug/L				ND	ND	ND	EPA 625	2	1.9	20.0
Endosulfan II	ug/L				ND	ND	ND	EPA 608	0.01	0.001 - 0.003	0.01
Endosulfan I	ug/L				ND	ND	ND	EPA 608	0.02	0.001	0.01
Endosulfan sulfate	ug/L				ND	ND	ND	EPA 608	0.05	0.002 - 0.009	0.01
Endrin aldehyde	ug/L				ND	ND	ND	EPA 608	0.01	0.001 - 0.002	0.01
Endrin	ug/L				ND	ND	ND	EPA 608	0.01	0.001 - 0.002	0.01
Ethylbenzene	ug/L				ND	ND	DNQ Est. Conc. 0.16	EPA 624	2	0.06 - 0.18	0.50
Fluoranthene	ug/L				ND	ND	ND	EPA 625	1	1.9	10.0
Fluorene	ug/L				ND	ND	ND	EPA 625	10	1.8	100
gamma-BHC (Lindane)	ug/L				ND	ND	ND	EPA 608	0.02	0.0009 - 0.001	0.01
Heptachlor epoxide	ug/L				ND	ND	ND	EPA 608	0.01	0.001	0.01
Heptachlor	ug/L				ND	ND	ND	EPA 608	0.01	0.0008 - 0.001	0.01
Hexachlorobenzene	ug/L				ND	ND	ND	EPA 625	1	1.8	10.0
Hexachlorobutadiene	ug/L				ND	ND	ND	EPA 625	1	1.4	10.0
Hexachlorocyclopentadiene	ug/L				ND	ND	ND	EPA 625	5	7.5	50.0
Hexachloroethane	ug/L				ND	ND	ND	EPA 625	1	1.4	10.0
Indeno (1,2,3-cd) pyrene	ug/L				ND	ND	ND	EPA 625	10	1.4	100
Isophorone	ug/L				ND	ND	ND	EPA 625	1	1.3	10.0
Lead	ug/L	1.27			0.67	0.91	1.27	EPA 200.8	0.5	0.03	0.25
Mercury	ug/L				DNQ Est. Conc. 0.03	0.02	0.04	EPA 245.1	0.5	0.01	0.04
Methyl bromide (Bromomethane)	ug/L				ND	ND	ND	EPA 624	2	0.30 - 0.33	0.50
Methyl chloride (Chloromethane)	ug/L				ND	ND	DNQ Est. Conc. 0.19	EPA 624	2	0.19 - 0.22	0.50
Methylene chloride	ug/L				0.72	0.79	0.85	EPA 624	2	0.18 - 0.27	0.50
n-Nitrosodi-n-propylamine	ug/L				ND	ND	ND	EPA 625	5	1.2	50.0
n-Nitrosodimethylamine (NDMA)	ug/L				ND	ND	ND	EPA 625	5	1.4	50.0
n-Nitrosodiphenylamine	ug/L				ND	ND	ND	EPA 625	1	1.5	10.0
Naphthalene	ug/L				ND	ND	ND	EPA 625	1	1.8	10.0
Nickel	ug/L				2.31	2.52	2.73	EPA 200.8	1	0.13	1.00
Nitrobenzene	ug/L				ND	ND	ND	EPA 625	1	2.2	10.0
Pentachlorophenol	ug/L				ND	ND	ND	EPA 625	5	3.8	10.0
Phenanthrene	ug/L				ND	ND	ND	EPA 625	5	1.9	50.0
Phenol	ug/L				47.8	49.3	50.7	EPA 625	1	1.4	10.0
pH	SU	7.3	7.4	7.3	7.2	7.3	7.4	SM 4500 H+ B		1.00	1.00 - 4.00
Pyrene	ug/L				ND	ND	ND	EPA 625	10	1.9	100
Selenium	ug/L				DNQ Est. Conc. 0.83	ND	DNQ Est. Conc. 0.86	EPA 200.8	2	0.17	1.00

Long Beach Water Reclamation Plant
2014 INF-001 Monitoring Results

Parameter	Units	January	February	March	April	May	June	July	August	September
Silver	ug/L	0.20						DNQ Est. Conc. 0.14		
Tetrachloroethene	ug/L	ND						ND		
Thallium	ug/L	ND						ND		
Toluene	ug/L	1.7						2.7		
Total cyanide	mg/L	ND						DNQ Est. Conc. 0.0013		
Total suspended solids	mg/L	305	367	409	327	319	331	361	322	445
Toxaphene	ug/L	ND						ND		
trans-1,2-Dichloroethene	ug/L	ND						ND		
Trichloroethene	ug/L	1.0						ND		
Vinyl chloride	ug/L	ND						ND		
Zinc	ug/L	80.8			92.2			74.3		

Long Beach Water Reclamation Plant
2014 INF-001 Monitoring Results

Parameter	Units	October	November	December	Monthly Average			Method	ML	MDL	RDL
					Minimum	Average	Maximum				
Silver	ug/L				DNQ Est. Conc. 0.14	0.10	0.20	EPA 200.8	0.25	0.03	0.20
Tetrachloroethene	ug/L				ND	ND	ND	EPA 624	2	0.12 - 0.18	0.50
Thallium	ug/L				ND	ND	ND	EPA 200.8	1	0.020	0.25
Toluene	ug/L				1.7	2.2	2.7	EPA 624	2	0.12 - 0.19	0.50
Total cyanide	mg/L				ND	ND	DNQ Est. Conc. 0.0013	SM 4500 CN E	0.005	0.0010	0.0050
Total suspended solids	mg/L	302	436	352	302	356	445	SM 2540D		83.3 - 100	83.3 - 100
Toxaphene	ug/L				ND	ND	ND	EPA 608	0.5	0.04 - 0.08	0.5
trans-1,2-Dichloroethene	ug/L				ND	ND	ND	EPA 624	1	0.16 - 0.26	0.50
Trichloroethene	ug/L				ND	0.50	1.0	EPA 624	2	0.28 - 0.32	0.50
Vinyl chloride	ug/L				ND	ND	ND	EPA 624	2	0.12 - 0.26	0.50
Zinc	ug/L	128			74.3	93.8	128	EPA 200.8	1	0.22 - 0.44	1.00

Long Beach WRP Effluent Monitoring

Long Beach Water Reclamation Plant
2014 EFF-001A Monitoring Results

Parameter	Units	January	February	March	April	May	June	July	August	September	October
1,1-Dichloroethane	ug/L	ND						ND			
1,1-Dichloroethene	ug/L	ND						ND			
1,1,1-Trichloroethane	ug/L	ND						ND			
1,1,2-Trichloroethane	ug/L	ND						ND			
1,1,2,2-Tetrachloroethane	ug/L	ND						ND			
1,2-Dichlorobenzene	ug/L	ND						ND			
1,2-Dichloroethane	ug/L	ND						ND			
1,2-Dichloropropane	ug/L	ND						ND			
1,2-Diphenylhydrazine	ug/L		ND					ND			
1,2,3-Trichloropropane	ug/L	ND						ND			
1,2,3,4,6,7,8-HeptaCDD	pg/L	DNQ Est. Conc. 3.0						DNQ Est. Conc. 1.2			
1,2,3,4,6,7,8-HeptaCDF	pg/L	DNQ Est. Conc. 4.3						DNQ Est. Conc. 1.4			
1,2,3,4,7,8-HexaCDD	pg/L	ND						DNQ Est. Conc. 0.68			
1,2,3,4,7,8-HexaCDF	pg/L	DNQ Est. Conc. 1.8						DNQ Est. Conc. 0.76			
1,2,3,4,7,8,9-HeptaCDF	pg/L	DNQ Est. Conc. 3.1						DNQ Est. Conc. 0.89			
1,2,3,6,7,8-HexaCDD	pg/L	ND						DNQ Est. Conc. 0.77			
1,2,3,6,7,8-HexaCDF	pg/L	ND						DNQ Est. Conc. 0.51			
1,2,3,7,8-PentaCDD	pg/L	ND						ND			
1,2,3,7,8-PentaCDF	pg/L	ND						DNQ Est. Conc. 0.82			
1,2,3,7,8,9-HexaCDD	pg/L	DNQ Est. Conc. 3.6						DNQ Est. Conc. 0.55			
1,2,3,7,8,9-HexaCDF	pg/L	DNQ Est. Conc. 4.2						DNQ Est. Conc. 0.53			
1,2,4-Trichlorobenzene	ug/L		ND					ND			
1,3-Dichlorobenzene	ug/L	ND						ND			
1,3-Dichloropropene (Total)	ug/L	ND						ND			
1,4-Dichlorobenzene	ug/L	ND						ND			
1,4-Dioxane	ug/L	1.2						1.4			
2-Chloroethyl vinyl ether (mixed)	ug/L	ND						ND			
2-Chloronaphthalene	ug/L		ND					ND			
2-Chlorophenol	ug/L		ND					ND			
2-Methyl-4,6-dinitrophenol	ug/L		ND					ND			
2-Nitrophenol	ug/L		ND					ND			
2,3,4,6,7,8-HexaCDF	pg/L	DNQ Est. Conc. 2.0						DNQ Est. Conc. 0.57			
2,3,4,7,8-PentaCDF	pg/L	ND						ND			
2,3,7,8-TCDD	pg/L	ND						ND			
2,3,7,8-TetraCDF	pg/L	ND						DNQ Est. Conc. 0.29			
2,4-Dichlorophenol	ug/L		ND					ND			
2,4-Dimethylphenol	ug/L		ND					ND			
2,4-Dinitrophenol	ug/L		ND					ND			
2,4-Dinitrotoluene	ug/L		ND					ND			
2,4,6-Trichlorophenol	ug/L		ND					DNQ Est. Conc. 0.15			
2,6-Dinitrotoluene	ug/L		ND					ND			
3-Methyl-4-chlorophenol	ug/L		ND					ND			
3,3'-Dichlorobenzidine	ug/L		ND					ND			
4-Bromophenyl phenyl ether	ug/L		ND					ND			
4-Chlorophenyl phenyl ether	ug/L		ND					ND			
4-Nitrophenol	ug/L		ND					ND			
4,4'-DDT	ug/L	ND						ND			
4,4'-DDD	ug/L	ND						ND			
4,4'-DDE	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	ug/L		ND					ND			
Acenaphthylene	ug/L		ND					ND			
Acrolein	ug/L	ND						ND			
Acrylonitrile	ug/L	ND						ND			
Aldrin	ug/L	ND						ND			
alpha-BHC	ug/L	ND						ND			
Ammonia as nitrogen	mg/L	1.03	1.66	0.536	0.636	0.694	0.708	0.670	0.813	1.39	0.817
Anthracene	ug/L		ND					ND			
Antimony	ug/L	0.55			DNQ Est. Conc. 0.41			0.56			0.56
Aroclor 1016	ug/L	ND						ND			
Aroclor 1221	ug/L	ND						ND			
Aroclor 1232	ug/L	ND						ND			

Parameter	Units	November	December	Monthly Average			Limit		Method	ML	MDL	RDL
				Minimum	Average	Maximum	Max Daily	Monthly Average				
1,1-Dichloroethane	ug/L			ND	ND	ND			EPA 624	1	0.19 - 0.20	0.50
1,1-Dichloroethene	ug/L			ND	ND	ND			EPA 624	2	0.28 - 0.32	0.50
1,1,1-Trichloroethane	ug/L			ND	ND	ND			EPA 624	2	0.08 - 0.21	0.50
1,1,2-Trichloroethane	ug/L			ND	ND	ND			EPA 624	2	0.09 - 0.14	0.50
1,1,2,2-Tetrachloroethane	ug/L			ND	ND	ND			EPA 624	1	0.10 - 0.11	0.50
1,2-Dichlorobenzene	ug/L			ND	ND	ND			EPA 624	2	0.07 - 0.16	0.50
1,2-Dichloroethane	ug/L			ND	ND	ND			EPA 624	2	0.09 - 0.11	0.50
1,2-Dichloropropane	ug/L			ND	ND	ND			EPA 624	1	0.12 - 0.18	0.50
1,2-Diphenylhydrazine	ug/L			ND	ND	ND			EPA 625	1	0.13	1.0
1,2,3-Trichloropropane	ug/L			ND	ND	ND			EPA 524.2		0.0012	0.0050
1,2,3,4,6,7,8-HeptaCDD	pg/L			DNQ Est. Conc. 1.2	ND	DNQ Est. Conc. 3.0			EPA 1613B		0.39 - 0.68	51 - 63
1,2,3,4,6,7,8-HeptaCDF	pg/L			DNQ Est. Conc. 1.4	ND	DNQ Est. Conc. 4.3			EPA 1613B		0.23 - 0.71	51 - 63
1,2,3,4,7,8-HexaCDD	pg/L			ND	ND	DNQ Est. Conc. 0.68			EPA 1613B		0.23 - 1.3	51 - 63
1,2,3,4,7,8-HexaCDF	pg/L			DNQ Est. Conc. 0.76	ND	DNQ Est. Conc. 1.8			EPA 1613B		0.18 - 1.5	51 - 63
1,2,3,4,7,8,9-HeptaCDF	pg/L			DNQ Est. Conc. 0.89	ND	DNQ Est. Conc. 3.1			EPA 1613B		0.33 - 1.1	51 - 63
1,2,3,6,7,8-HexaCDD	pg/L			ND	ND	DNQ Est. Conc. 0.77			EPA 1613B		0.22 - 1.2	51 - 63
1,2,3,6,7,8-HexaCDF	pg/L			ND	ND	DNQ Est. Conc. 0.51			EPA 1613B		0.16 - 1.4	51 - 63
1,2,3,7,8-PentaCDD	pg/L			ND	ND	ND			EPA 1613B		1.5 - 2.6	51 - 63
1,2,3,7,8-PentaCDF	pg/L			ND	ND	DNQ Est. Conc. 0.82			EPA 1613B		0.67 - 4.7	51 - 63
1,2,3,7,8,9-HexaCDD	pg/L			DNQ Est. Conc. 0.55	ND	DNQ Est. Conc. 3.6			EPA 1613B		0.19 - 1.1	51 - 63
1,2,3,7,8,9-HexaCDF	pg/L			DNQ Est. Conc. 0.53	ND	DNQ Est. Conc. 4.2			EPA 1613B		0.18 - 1.3	51 - 63
1,2,4-Trichlorobenzene	ug/L			ND	ND	ND			EPA 625	5	0.17	5.0
1,3-Dichlorobenzene	ug/L			ND	ND	ND			EPA 624	2	0.08	0.50
1,3-Dichloropropene (Total)	ug/L			ND	ND	ND			EPA 624	2		0.50
1,4-Dichlorobenzene	ug/L			ND	ND	ND			EPA 624	2	0.07 - 0.16	0.50
1,4-Dioxane	ug/L			1.2	1.3	1.4			SW-846 8270MOD 1,4-Dioxane		0.09 - 0.13	0.40
2-Chloroethyl vinyl ether (mixed)	ug/L			ND	ND	ND			EPA 624	1	0.12 - 0.23	0.50
2-Chloronaphthalene	ug/L			ND	ND	ND			EPA 625	10	0.16	10.0
2-Chlorophenol	ug/L			ND	ND	ND			EPA 625	5	0.15	5.0
2-Methyl-4,6-dinitrophenol	ug/L			ND	ND	ND			EPA 625	5	1.3	5.0
2-Nitrophenol	ug/L			ND	ND	ND			EPA 625	10	0.20	10.0
2,3,4,6,7,8-HexaCDF	pg/L			DNQ Est. Conc. 0.57	ND	DNQ Est. Conc. 2.0			EPA 1613B		0.16 - 1.2	51 - 63
2,3,4,7,8-PentaCDF	pg/L			ND	ND	ND			EPA 1613B		0.75 - 5.5	51 - 63
2,3,7,8-TCDD	pg/L			ND	ND	ND			EPA 1613B		0.30 - 1.4	10 - 13
2,3,7,8-TetraCDF	pg/L			ND	ND	DNQ Est. Conc. 0.29			EPA 1613B		0.12 - 2.4	10 - 13
2,4-Dichlorophenol	ug/L			ND	ND	ND			EPA 625	5	0.15	5.0
2,4-Dimethylphenol	ug/L			ND	ND	ND			EPA 625	2	0.11	2.0
2,4-Dinitrophenol	ug/L			ND	ND	ND			EPA 625	5	1.7	5.0
2,4-Dinitrotoluene	ug/L			ND	ND	ND			EPA 625	5	0.20	5.0
2,4,6-Trichlorophenol	ug/L			ND	ND	DNQ Est. Conc. 0.15			EPA 625	10	0.12	10.0
2,6-Dinitrotoluene	ug/L			ND	ND	ND			EPA 625	5	0.22	5.0
3-Methyl-4-chlorophenol	ug/L			ND	ND	ND			EPA 625	1	0.13	1.0
3,3'-Dichlorobenzidine	ug/L			ND	ND	ND			EPA 625	5	1.2	5.0
4-Bromophenyl phenyl ether	ug/L			ND	ND	ND			EPA 625	5	0.21	5.0
4-Chlorophenyl phenyl ether	ug/L			ND	ND	ND			EPA 625	5	0.17	5.0
4-Nitrophenol	ug/L			ND	ND	ND			EPA 625	10	1.4	10.0
4,4'-DDT	ug/L			ND	ND	ND			EPA 608	0.01	0.001 - 0.003	0.01
4,4'-DDD	ug/L			ND	ND	ND			EPA 608	0.05	0.001 - 0.002	0.01
4,4'-DDE	ug/L	ND	ND	ND	ND	ND	0.0012	0.00059	EPA 608	0.05	0.001 - 0.002	0.01
Acenaphthene	ug/L			ND	ND	ND			EPA 625	1	0.15	1.0
Acenaphthylene	ug/L			ND	ND	ND			EPA 625	10	0.14	10.0
Acrolein	ug/L			ND	ND	ND			EPA 624		1.3 - 1.4	2.0
Acrylonitrile	ug/L			ND	ND	ND			EPA 624		0.20 - 0.31	2.0
Aldrin	ug/L			ND	ND	ND			EPA 608	0.005	0.0009 - 0.002	0.005
alpha-BHC	ug/L			ND	ND	ND			EPA 608	0.01	0.001 - 0.002	0.01
Ammonia as nitrogen	mg/L	1.31	1.46	0.536	0.977	1.66	4.2	1.8	SM 4500 NH3 G		0.020 - 0.040	0.10 - 0.200
Anthracene	ug/L			ND	ND	ND			EPA 625	10	0.18	10.0
Antimony	ug/L			DNQ Est. Conc. 0.41	0.42	0.56			EPA 200.8	0.5	0.05 - 0.13	0.50
Aroclor 1016	ug/L			ND	ND	ND			EPA 608	0.5	0.02 - 0.04	0.1
Aroclor 1221	ug/L			ND	ND	ND			EPA 608	0.5	0.2	0.5
Aroclor 1232	ug/L			ND	ND	ND			EPA 608	0.5	0.09 - 0.2	0.3

Long Beach Water Reclamation Plant
2014 EFF-001A Monitoring Results

Parameter	Units	January	February	March	April	May	June	July	August	September	October
Aroclor 1242	ug/L	ND						ND			
Aroclor 1248	ug/L	ND						ND			
Aroclor 1254	ug/L	ND						ND			
Aroclor 1260	ug/L	ND						ND			
Arsenic	ug/L	1.96			2.98			3.44			3.75
Barium	ug/L	48.8			50.7			61.3			44.5
Benzene	ug/L	ND						ND			
Benzidine	ug/L		ND					ND			
Benzo(a)anthracene	ug/L		ND					ND			
Benzo(a)pyrene	ug/L	ND						ND			
Benzo(b)fluoranthene	ug/L	ND						ND			
Benzo(g,h,i)perylene	ug/L		ND					ND			
Benzo(k)fluoranthene	ug/L	ND						ND			
Beryllium	ug/L	ND			ND			ND			ND
beta-BHC	ug/L	ND						ND			
bis(2-Chloroethoxy) methane	ug/L		ND					ND			
bis(2-Chloroethyl) ether	ug/L		ND					ND			
bis(2-Chloroisopropyl) ether	ug/L		ND					ND			
bis(2-Ethylhexyl) phthalate	ug/L		DNQ Est. Conc. 0.26					ND			
BOD5 20°C	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Boron	mg/L	0.30	0.31	0.34	0.31	0.32	0.29	0.27	0.30	0.33	0.31
Bromodichloromethane	ug/L	11.4						18.2			
Bromoform	ug/L	ND						0.60			
Butyl benzyl phthalate	ug/L		ND					ND			
Cadmium	ug/L	ND			ND			ND			ND
Carbon tetrachloride	ug/L	ND						ND			
Chlordane	ug/L	ND						ND			
Chloride	mg/L	118	114	121	111	120	150	117	123	115	120
Chlorobenzene	ug/L	ND						ND			
Chlorodibromomethane	ug/L	2.2						5.7			
Chloroethane	ug/L	ND						ND			
Chloroform	ug/L	27.4						33.2			
Chromium III	ug/L	ND			ND			ND			ND
Chromium VI	ug/L	ND			ND			DNQ Est. Conc. 0.04			DNQ Est. Conc. 0.04
Chromium, total	ug/L	DNQ Est. Conc. 0.24			DNQ Est. Conc. 0.33			DNQ Est. Conc. 0.26			DNQ Est. Conc. 0.27
Chrysene	ug/L	ND						ND			
Copper	ug/L	2.18	2.52	1.92	1.92	1.90	2.51	2.04	1.75	1.58	1.78
delta-BHC	ug/L	ND						ND			
Di-n-butyl phthalate	ug/L		ND					ND			
Di-n-octyl phthalate	ug/L		ND					ND			
Dibenzo(a,h)anthracene	ug/L	ND						ND			
Dieldrin	ug/L	ND						ND			
Diethyl phthalate	ug/L		ND					ND			
Dimethyl phthalate	ug/L		ND					ND			
Dissolved oxygen	mg/L	7.2	7.7	7.4	7.9	7.2	7.2	6.7	7.0	6.6	7.3
E. coli	No./100mL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan II	ug/L	ND						ND			
Endosulfan I	ug/L	ND						ND			
Endosulfan sulfate	ug/L	ND						ND			
Endrin aldehyde	ug/L	ND						ND			
Endrin	ug/L	ND						ND			
Ethylbenzene	ug/L	ND						ND			
Fecal coliform	No./100mL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	ug/L		ND					ND			
Fluorene	ug/L		ND					ND			
Fluoride	mg/L	0.624			0.686			0.687			0.637
gamma-BHC (Lindane)	ug/L	ND						ND			
Gross alpha radioactivity	pCi/L	ND			0.846			1.76			3.32
Gross beta radioactivity	pCi/L	5.16			9.99			2.91			3.87
Heptachlor epoxide	ug/L	ND						ND			

Parameter	Units	November	December	Monthly Average			Limit		Method	ML	MDL	RDL
				Minimum	Average	Maximum	Max Daily	Monthly Average				
Aroclor 1242	ug/L			ND	ND	ND			EPA 608	0.5	0.02 - 0.08	0.1
Aroclor 1248	ug/L			ND	ND	ND			EPA 608	0.5	0.02 - 0.04	0.1
Aroclor 1254	ug/L			ND	ND	ND			EPA 608	0.5	0.01 - 0.03	0.05
Aroclor 1260	ug/L			ND	ND	ND			EPA 608	0.5	0.01 - 0.05	0.1
Arsenic	ug/L			1.96	3.03	3.75			EPA 200.8	2	0.16	1.00
Barium	ug/L			44.5	51.3	61.3			EPA 200.8		0.06 - 0.070	0.50
Benzene	ug/L			ND	ND	ND			EPA 624	2	0.15 - 0.24	0.50
Benzidine	ug/L			ND	ND	ND			EPA 625	5	1.7	5.0
Benzo(a)anthracene	ug/L			ND	ND	ND			EPA 625	5	0.19	5.0
Benzo(a)pyrene	ug/L			ND	ND	ND			EPA 610	10	0.007	0.020
Benzo(b)fluoranthene	ug/L			ND	ND	ND			EPA 610	10	0.004	0.020
Benzo(g,h,i)perylene	ug/L			ND	ND	ND			EPA 625	5	0.19	5.0
Benzo(k)fluoranthene	ug/L			ND	ND	ND			EPA 610	10	0.005	0.020
Beryllium	ug/L			ND	ND	ND			EPA 200.8	0.5	0.010 - 0.040	0.25
beta-BHC	ug/L			ND	ND	ND			EPA 608	0.005	0.002 - 0.003	0.005
bis(2-Chloroethoxy) methane	ug/L			ND	ND	ND			EPA 625	5	0.13	5.0
bis(2-Chloroethyl) ether	ug/L			ND	ND	ND			EPA 625	1	0.19	1.0
bis(2-Chloroisopropyl) ether	ug/L			ND	ND	ND			EPA 625	2	0.16	2.0
bis(2-Ethylhexyl) phthalate	ug/L			ND	ND	DNQ Est. Conc. 0.26			EPA 625	5	0.25	2.0
BOD5 20°C	mg/L	ND	ND	ND	ND	ND	45	20	SM 5210B		0.6	3.0
Boron	mg/L	0.35	0.31	0.27	0.31	0.35			EPA 200.8		0.002 - 0.005	0.020
Bromodichloromethane	ug/L			11.4	14.8	18.2			EPA 624	2	0.08 - 0.17	0.50
Bromoform	ug/L			ND	0.30	0.60			EPA 624	2	0.13 - 0.17	0.50
Butyl benzyl phthalate	ug/L			ND	ND	ND			EPA 625	10	0.16	10.0
Cadmium	ug/L			ND	ND	ND			EPA 200.8	0.25	0.040 - 0.070	0.20
Carbon tetrachloride	ug/L			ND	ND	ND			EPA 624	2	0.07 - 0.28	0.50
Chlordane	ug/L			ND	ND	ND			EPA 608	0.1	0.01 - 0.03	0.05
Chloride	mg/L	114	112	111	120	150			EPA 300.0		0.200 - 0.600	4.00 - 10.0
Chlorobenzene	ug/L			ND	ND	ND			EPA 624	2	0.11 - 0.17	0.50
Chlorodibromomethane	ug/L			2.2	4.0	5.7			EPA 624	2	0.10 - 0.14	0.50
Chloroethane	ug/L			ND	ND	ND			EPA 624	2	0.15 - 0.18	0.50
Chloroform	ug/L			27.4	30.3	33.2			EPA 624	2	0.12 - 0.18	0.50
Chromium III	ug/L			ND	ND	ND			EPA 200.8			0.50
Chromium VI	ug/L			ND	ND	DNQ Est. Conc. 0.04			EPA 218.6 (Dissolved)		0.0048 - 0.02	0.05 - 0.30
Chromium, total	ug/L			DNQ Est. Conc. 0.24	ND	DNQ Est. Conc. 0.33			EPA 200.8	0.5	0.04 - 0.07	0.50
Chrysene	ug/L			ND	ND	ND			EPA 610	10	0.005	0.020
Copper	ug/L	1.48	1.78	1.48	1.95	2.52	20	18	EPA 200.8	0.5	0.02 - 0.08	0.20 - 0.50
delta-BHC	ug/L			ND	ND	ND			EPA 608	0.005	0.003 - 0.004	0.005
Di-n-butyl phthalate	ug/L			ND	ND	ND			EPA 625	10	0.16	10.0
Di-n-octyl phthalate	ug/L			ND	ND	ND			EPA 625	10	0.16	10.0
Dibenzo(a,h)anthracene	ug/L			ND	ND	ND			EPA 610	10	0.004	0.020
Dieldrin	ug/L			ND	ND	ND			EPA 608	0.01	0.001	0.01
Diethyl phthalate	ug/L			ND	ND	ND			EPA 625	2	0.21	2.0
Dimethyl phthalate	ug/L			ND	ND	ND			EPA 625	2	0.19	2.0
Dissolved oxygen	mg/L	7.3	7.4	6.6	7.2	7.9			SM 4500 O G		0.1	1.0
E. coli	No./100mL	ND	ND	ND	ND	ND			SM 9223		1.1	1.1
Endosulfan II	ug/L			ND	ND	ND			EPA 608	0.01	0.001 - 0.003	0.01
Endosulfan I	ug/L			ND	ND	ND			EPA 608	0.02	0.001	0.01
Endosulfan sulfate	ug/L			ND	ND	ND			EPA 608	0.05	0.002 - 0.009	0.01
Endrin aldehyde	ug/L			ND	ND	ND			EPA 608	0.01	0.001 - 0.002	0.01
Endrin	ug/L			ND	ND	ND			EPA 608	0.01	0.001 - 0.002	0.01
Ethylbenzene	ug/L			ND	ND	ND			EPA 624	2	0.06 - 0.18	0.50
Fecal coliform	No./100mL	ND	ND	ND	ND	ND			SM 9222D		1	1
Fluoranthene	ug/L			ND	ND	ND			EPA 625	1	0.19	1.0
Fluorene	ug/L			ND	ND	ND			EPA 625	10	0.18	10.0
Fluoride	mg/L			0.624	0.659	0.687			SM 4500 F C		0.003 - 0.004	0.100
gamma-BHC (Lindane)	ug/L			ND	ND	ND			EPA 608	0.02	0.0009 - 0.001	0.01
Gross alpha radioactivity	pCi/L			ND	1.48	3.32			EPA 900.0		0.546 - 3.17	0.546 - 3.17
Gross beta radioactivity	pCi/L			2.91	5.48	9.99			EPA 900.0		0.857 - 2.13	0.857 - 2.13
Heptachlor epoxide	ug/L			ND	ND	ND			EPA 608	0.01	0.001	0.01

Parameter	Units	January	February	March	April	May	June	July	August	September	October
Heptachlor	ug/L	ND						ND			
Hexachlorobenzene	ug/L		ND					ND			
Hexachlorobutadiene	ug/L		ND					ND			
Hexachlorocyclopentadiene	ug/L		ND					ND			
Hexachloroethane	ug/L		ND					ND			
Indeno (1,2,3-cd) pyrene	ug/L	ND						ND			
Isophorone	ug/L		ND					ND			
Lead	ug/L	DNQ Est. Conc. 0.09	DNQ Est. Conc. 0.10	DNQ Est. Conc. 0.09	DNQ Est. Conc. 0.13	DNQ Est. Conc. 0.09	DNQ Est. Conc. 0.21	DNQ Est. Conc. 0.08	DNQ Est. Conc. 0.08	DNQ Est. Conc. 0.06	DNQ Est. Conc. 0.07
Mercury	ug/L	0.0011			0.0010			0.00062			0.00063
Methyl bromide (Bromomethane)	ug/L	ND						ND			
Methyl chloride (Chloromethane)	ug/L	ND						ND			
Methyl tert-butyl ether (MTBE)	ug/L	ND						ND			
Methylene chloride	ug/L	ND						ND			
n-Nitrosodi-n-propylamine	ug/L		ND					ND			
n-Nitrosodimethylamine (NDMA)	ug/L	0.44	0.29	0.27	0.26	0.18	0.34	0.21	0.17	0.20	0.25
n-Nitrosodiphenylamine	ug/L		ND					ND			
Naphthalene	ug/L		ND					ND			
Nickel	ug/L	1.16			1.08			1.35			1.23
Nitrate + nitrite as nitrogen	mg/L	7.33	7.18	6.44	7.28	7.77	7.23	7.08	6.29	6.98	7.19
Nitrate as nitrogen	mg/L	7.00	6.62	6.33	7.18	7.56	7.16	7.02	6.26	6.91	7.13
Nitrite as nitrogen	mg/L	0.331	0.557	0.113	0.103	0.21	0.070	0.056	0.034	0.066	0.060
Nitrobenzene	ug/L		ND					ND			
OctaCDD	pg/L	DNQ Est. Conc. 13						DNQ Est. Conc. 4.6			
OctaCDF	pg/L	DNQ Est. Conc. 11						DNQ Est. Conc. 2.0			
Oil and grease	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Organic nitrogen	mg/L	1.05	1.97	1.78	0.744	1.10	2.06	1.23	2.26	0.568	0.673
Pentachlorophenol	ug/L		ND					ND			
Perchlorate	ug/L	0.37						0.74			
Phenanthrene	ug/L		ND					ND			
Phenol	ug/L		DNQ Est. Conc. 0.34					DNQ Est. Conc. 0.19			
pH	SU	7.3	7.2	7.3	7.4	7.4	7.4	7.4	7.4	7.5	7.5
Pyrene	ug/L		ND					ND			
Selenium	ug/L	DNQ Est. Conc. 0.29			DNQ Est. Conc. 0.33			DNQ Est. Conc. 0.32			DNQ Est. Conc. 0.24
Settleable solids	mL/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	ug/L	ND			ND			ND			ND
Strontium-90	pCi/L	ND			ND			0.287			ND
Sulfate	mg/L	110	85.6	92.3	96.7	107	125	107	102	97.4	101
Surfactant (CTAS)	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Surfactant (MBAS)	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Temperature	Degrees F	73.8	74.1	75.4	76.9	79.3	81.1	83.2	84.1	84.1	81.9
Tetrachloroethene	ug/L	ND						ND			
Thallium	ug/L	ND			ND			ND			ND
Toluene	ug/L	ND						ND			
Total coliform	No./100mL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total cyanide	ug/L	ND			ND			ND			ND
Total dissolved solids	mg/L	580	566	574	576	588	680	605	688	578	587
Total hardness (CaCO3)	mg/L	174	152	176	158	176	180	178	166	187	170
Total identifiable chlorinated hydrocarbon (TICH)	ug/L	ND			ND			ND			ND
Total nitrogen	mg/L	10.2	10.8	8.76	8.66	10.3	10.0	8.98	9.36	8.94	8.68
Total residual chlorine	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total suspended solids	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene	ug/L	ND						ND			
Toxic equivalence	pg/L	ND						ND			
trans-1,2-Dichloroethene	ug/L	ND						ND			
Trichloroethene	ug/L	ND						ND			
Tritium	pCi/L	ND			183			ND			ND
Turbidity (flow proportioned avg daily value)	NTU	0.65	0.74	0.69	0.63	0.68	0.65	0.68	0.67	0.68	0.69
Uranium	pCi/L	0.236			ND			0.214			0.173
Vinyl chloride	ug/L	ND						ND			
Zinc	ug/L	32.9	36.1	26.4	36.7	33.6	39.1	35.1	43.2	33.6	32.8

Parameter	Units	November	December	Monthly Average			Limit		Method	ML	MDL	RDL
				Minimum	Average	Maximum	Max Daily	Monthly Average				
Heptachlor	ug/L			ND	ND	ND			EPA 608	0.01	0.0008 - 0.001	0.01
Hexachlorobenzene	ug/L			ND	ND	ND			EPA 625	1	0.18	1.0
Hexachlorobutadiene	ug/L			ND	ND	ND			EPA 625	1	0.14	1.0
Hexachlorocyclopentadiene	ug/L			ND	ND	ND			EPA 625	5	0.75	5.0
Hexachloroethane	ug/L			ND	ND	ND			EPA 625	1	0.14	1.0
Indeno (1,2,3-cd) pyrene	ug/L			ND	ND	ND			EPA 610	10	0.004	0.020
Isophorone	ug/L			ND	ND	ND			EPA 625	1	0.13	1.0
Lead	ug/L	DNQ Est. Conc. 0.13	DNQ Est. Conc. 0.06	DNQ Est. Conc. 0.06	ND	DNQ Est. Conc. 0.21			EPA 200.8	0.5	0.01 - 0.03	0.10 - 0.25
Mercury	ug/L			0.00062	0.00084	0.0011			EPA 1631	0.5	0.00011	0.00020
Methyl bromide (Bromomethane)	ug/L			ND	ND	ND			EPA 624	2	0.30 - 0.33	0.50
Methyl chloride (Chloromethane)	ug/L			ND	ND	ND			EPA 624	2	0.19 - 0.22	0.50
Methyl tert-butyl ether (MTBE)	ug/L			ND	ND	ND			EPA 624		0.12 - 0.16	0.50
Methylene chloride	ug/L			ND	ND	ND			EPA 624	2	0.18 - 0.27	0.50
n-Nitrosodi-n-propylamine	ug/L			ND	ND	ND			EPA 625	5	0.12	5.0
n-Nitrosodimethylamine (NDMA)	ug/L	0.23	0.23	0.17	0.26	0.44			EPA 1625 (Modified)	5	0.0005	0.0020
n-Nitrosodiphenylamine	ug/L			ND	ND	ND			EPA 625	1	0.15	1.0
Naphthalene	ug/L			ND	ND	ND			EPA 625	1	0.18	1.0
Nickel	ug/L			1.08	1.21	1.35			EPA 200.8	1	0.10 - 0.13	1.00
Nitrate + nitrite as nitrogen	mg/L	6.69	6.28	6.28	6.98	7.77		8	SM 4500 NO3 F		0.030	0.200
Nitrate as nitrogen	mg/L	6.56	6.16	6.16	6.82	7.56			SM 4500 NO3 F		0.030	0.200
Nitrite as nitrogen	mg/L	0.130	0.119	0.034	0.15	0.557		1	SM 4500 NO3 F		0.003	0.030
Nitrobenzene	ug/L			ND	ND	ND			EPA 625	1	0.22	1.0
OctaCDD	pg/L			DNQ Est. Conc. 4.6	ND	DNQ Est. Conc. 13			EPA 1613B		0.36 - 2.0	100 - 130
OctaCDF	pg/L			DNQ Est. Conc. 2.0	ND	DNQ Est. Conc. 11			EPA 1613B		0.38 - 1.7	100 - 130
Oil and grease	mg/L	ND	ND	ND	ND	ND	15	10	EPA 1664A		0.8 - 0.9	4.5 - 4.7
Organic nitrogen	mg/L	0.556	2.12	0.556	1.34	2.26			EPA 351.2 & SM 4500 NH3 G		0.050 - 0.135	0.200
Pentachlorophenol	ug/L			ND	ND	ND			EPA 625	5	0.38	1.0
Perchlorate	ug/L			0.37	0.56	0.74			EPA 331.0		0.0201	0.05
Phenanthrene	ug/L			ND	ND	ND			EPA 625	5	0.19	5.0
Phenol	ug/L			DNQ Est. Conc. 0.19	ND	DNQ Est. Conc. 0.34			EPA 625	1	0.14	1.0
pH	SU	7.4	7.4	7.2	7.4	7.5			SM 4500 H+ B		1.00	1.00 - 4.00
Pyrene	ug/L			ND	ND	ND			EPA 625	10	0.19	10.0
Selenium	ug/L			DNQ Est. Conc. 0.24	ND	DNQ Est. Conc. 0.33			EPA 200.8	2	0.04 - 0.17	1.00
Settleable solids	mL/L	ND	ND	ND	ND	ND	0.3	0.1	SM 2540F		0.1	0.1
Silver	ug/L			ND	ND	ND			EPA 200.8	0.25	0.03	0.20
Strontium-90	pCi/L			ND	0.0718	0.287			EPA 905.0		0.606	0.606
Sulfate	mg/L	86.8	102	85.6	101	125			EPA 300.0		0.240 - 0.920	1.00 - 2.50
Surfactant (CTAS)	mg/L	ND	ND	ND	ND	ND			SM 5540D		0.023 - 0.10	0.10 - 0.20
Surfactant (MBAS)	mg/L	0.13	ND	ND	0.011	0.13			SM 5540C		0.03	0.10
Temperature	Degrees F	79.1	75.1	73.8	79.0	84.1	86		EPA 170.1 (oF)			
Tetrachloroethene	ug/L			ND	ND	ND			EPA 624	2	0.12 - 0.18	0.50
Thallium	ug/L			ND	ND	ND			EPA 200.8	1	0.020	0.25
Toluene	ug/L			ND	ND	ND			EPA 624	2	0.12 - 0.19	0.50
Total coliform	No./100mL	ND	ND	ND	ND	ND	23		SM 9222B		1	1
Total cyanide	ug/L			ND	ND	ND			SM 4500 CN E	5	1.0	5.0
Total dissolved solids	mg/L	556	596	556	598	688			SM 2540C		5.4 - 6.7	50.0 - 62.5
Total hardness (CaCO3)	mg/L	174	157	152	171	187			EPA 200.8 & SM 2340C		0.01 - 0.7	0.02 - 10
Total identifiable chlorinated hydrocarbon (TICH)	ug/L			ND	ND	ND			EPA 608			
Total nitrogen	mg/L	8.56	9.86	8.56	9.43	10.8			Total Nitrogen Calculation			0.200
Total residual chlorine	mg/L	ND	ND	ND	ND	ND	0.1		SM 4500 Cl C		0.05	0.05
Total suspended solids	mg/L	ND	ND	ND	ND	ND	45	15	SM 2540D		2.5	2.5
Toxaphene	ug/L			ND	ND	ND			EPA 608	0.5	0.04 - 0.08	0.5
Toxic equivalence	pg/L			ND	ND	ND			EPA 1613B			
trans-1,2-Dichloroethene	ug/L			ND	ND	ND			EPA 624	1	0.16 - 0.26	0.50
Trichloroethene	ug/L			ND	ND	ND			EPA 624	2	0.28 - 0.32	0.50
Tritium	pCi/L			ND	45.8	183			EPA 906.0		434	434
Turbidity (flow proportioned avg daily value)	NTU	0.63	0.78	0.63	0.68	0.78	2		SM 2130B		0.12	0.12
Uranium	pCi/L			ND	0.156	0.236			EPA 908.0		0.300	0.300
Vinyl chloride	ug/L			ND	ND	ND			EPA 624	2	0.12 - 0.26	0.50
Zinc	ug/L	33.3	29.2	26.4	34.3	43.2			EPA 200.8	1	0.18 - 0.44	0.40 - 1.00

Los Coyotes WRP Influent Monitoring

Los Coyotes Water Reclamation Plant
2014 INF-001 Monitoring Results

Parameter	Units	January	February	March	April	May	June	July	August	September
1,1-Dichloroethane	ug/L	ND						ND		
1,1-Dichloroethene	ug/L	ND						ND		
1,1,1-Trichloroethane	ug/L	ND						ND		
1,1,2-Trichloroethane	ug/L	ND						ND		
1,1,2,2-Tetrachloroethane	ug/L	ND						ND		
1,2-Dichlorobenzene	ug/L	ND						ND		
1,2-Dichloroethane	ug/L	ND						ND		
1,2-Dichloropropane	ug/L	ND						ND		
1,2-Diphenylhydrazine	ug/L		ND					ND		
1,2,4-Trichlorobenzene	ug/L		ND					ND		
1,3-Dichlorobenzene	ug/L	ND						ND		
1,3-Dichloropropene (Total)	ug/L	ND						ND		
1,4-Dichlorobenzene	ug/L	ND						ND		
2-Chloroethyl vinyl ether (mixed)	ug/L	ND						ND		
2-Chloronaphthalene	ug/L		ND					ND		
2-Chlorophenol	ug/L		ND					ND		
2-Methyl-4,6-dinitrophenol	ug/L		ND					ND		
2-Nitrophenol	ug/L		ND					ND		
2,3,7,8-TCDD	pg/L	ND						ND		
2,4-Dichlorophenol	ug/L		ND					ND		
2,4-Dimethylphenol	ug/L		ND					ND		
2,4-Dinitrophenol	ug/L		ND					ND		
2,4-Dinitrotoluene	ug/L		ND					ND		
2,4,6-Trichlorophenol	ug/L		ND					ND		
2,6-Dinitrotoluene	ug/L		ND					ND		
3-Methyl-4-chlorophenol	ug/L		ND					ND		
3,3'-Dichlorobenzidine	ug/L		ND					ND		
4-Bromophenyl phenyl ether	ug/L		ND					ND		
4-Chlorophenyl phenyl ether	ug/L		ND					ND		
4-Nitrophenol	ug/L		ND					ND		
4,4-DDT	ug/L	ND						ND		
4,4'-DDD	ug/L	ND						ND		
4,4'-DDE	ug/L	ND						ND		
Acenaphthene	ug/L		ND					ND		
Acenaphthylene	ug/L		ND					ND		
Acrolein	ug/L	ND						ND		
Acrylonitrile	ug/L	ND						ND		
Aldrin	ug/L	ND						ND		
alpha-BHC	ug/L	ND						ND		
Anthracene	ug/L		ND					ND		
Antimony	ug/L	2.71						2.46		
Aroclor 1016	ug/L	ND						ND		
Aroclor 1221	ug/L	ND						ND		
Aroclor 1232	ug/L	ND						ND		
Aroclor 1242	ug/L	ND						ND		
Aroclor 1248	ug/L	ND						ND		
Aroclor 1254	ug/L	ND						ND		
Aroclor 1260	ug/L	ND						ND		
Arsenic	ug/L	2.49						2.33		
Benzene	ug/L	ND						ND		
Benzidine	ug/L		ND					ND		
Benzo(a)anthracene	ug/L		ND					ND		
Benzo(a)pyrene	ug/L		ND					ND		
Benzo(b)fluoranthene	ug/L		ND					ND		
Benzo(g,h,i)perylene	ug/L		ND					ND		
Benzo(k)fluoranthene	ug/L		ND					ND		
Beryllium	ug/L	ND						ND		
beta-BHC	ug/L	ND						ND		
bis(2-Chloroethoxy) methane	ug/L		ND					ND		
bis(2-Chloroethyl) ether	ug/L		ND					ND		
bis(2-Chloroisopropyl) ether	ug/L		ND					ND		
bis(2-Ethylhexyl) phthalate	ug/L		DNQ Est. Conc. 14.1					DNQ Est. Conc. 18.3		
BOD5 20°C	mg/L	310	321	365	302	324	318	303	279	276
Bromodichloromethane	ug/L	ND						ND		
Bromoform	ug/L	ND						ND		

Los Coyotes Water Reclamation Plant
2014 INF-001 Monitoring Results

Parameter	Units	October	November	December	Monthly Average			Method	ML	MDL	RDL
					Minimum	Average	Maximum				
1,1-Dichloroethane	ug/L				ND	ND	ND	EPA 624	1	0.19 - 0.20	0.50
1,1-Dichloroethene	ug/L				ND	ND	ND	EPA 624	2	0.28 - 0.32	0.50
1,1,1-Trichloroethane	ug/L				ND	ND	ND	EPA 624	2	0.08 - 0.21	0.50
1,1,2-Trichloroethane	ug/L				ND	ND	ND	EPA 624	2	0.09 - 0.14	0.50
1,1,2,2-Tetrachloroethane	ug/L				ND	ND	ND	EPA 624	1	0.10 - 0.11	0.50
1,2-Dichlorobenzene	ug/L				ND	ND	ND	EPA 624	2	0.07 - 0.16	0.50
1,2-Dichloroethane	ug/L				ND	ND	ND	EPA 624	2	0.09 - 0.11	0.50
1,2-Dichloropropane	ug/L				ND	ND	ND	EPA 624	1	0.12 - 0.18	0.50
1,2-Diphenylhydrazine	ug/L				ND	ND	ND	EPA 625	1	1.3	10.0
1,2,4-Trichlorobenzene	ug/L				ND	ND	ND	EPA 625	5	1.7	50.0
1,3-Dichlorobenzene	ug/L				ND	ND	ND	EPA 624	2	0.08	0.50
1,3-Dichloropropene (Total)	ug/L				ND	ND	ND	EPA 624	2		0.50
1,4-Dichlorobenzene	ug/L				ND	ND	ND	EPA 624	2	0.07 - 0.16	0.50
2-Chloroethyl vinyl ether (mixed)	ug/L				ND	ND	ND	EPA 624	1	0.12 - 0.23	0.50
2-Chloronaphthalene	ug/L				ND	ND	ND	EPA 625	10	1.6	100
2-Chlorophenol	ug/L				ND	ND	ND	EPA 625	5	1.5	50.0
2-Methyl-4,6-dinitrophenol	ug/L				ND	ND	ND	EPA 625	5	13.1	50.0
2-Nitrophenol	ug/L				ND	ND	ND	EPA 625	10	2.0	100
2,3,7,8-TCDD	pg/L				ND	ND	ND	EPA 1613B		0.96 - 1.3	10 - 11
2,4-Dichlorophenol	ug/L				ND	ND	ND	EPA 625	5	1.5	50.0
2,4-Dimethylphenol	ug/L				ND	ND	ND	EPA 625	2	1.1	20.0
2,4-Dinitrophenol	ug/L				ND	ND	ND	EPA 625	5	17.3	50.0
2,4-Dinitrotoluene	ug/L				ND	ND	ND	EPA 625	5	2.0	50.0
2,4,6-Trichlorophenol	ug/L				ND	ND	ND	EPA 625	10	1.2	100
2,6-Dinitrotoluene	ug/L				ND	ND	ND	EPA 625	5	2.2	50.0
3-Methyl-4-chlorophenol	ug/L				ND	ND	ND	EPA 625	1	1.3	10.0
3,3'-Dichlorobenzidine	ug/L				ND	ND	ND	EPA 625	5	11.6	50.0
4-Bromophenyl phenyl ether	ug/L				ND	ND	ND	EPA 625	5	2.1	50.0
4-Chlorophenyl phenyl ether	ug/L				ND	ND	ND	EPA 625	5	1.7	50.0
4-Nitrophenol	ug/L				ND	ND	ND	EPA 625	10	13.7	100
4,4-DDT	ug/L				ND	ND	ND	EPA 608	0.01	0.001 - 0.003	0.01
4,4'-DDD	ug/L				ND	ND	ND	EPA 608	0.05	0.001 - 0.002	0.01
4,4'-DDE	ug/L				ND	ND	ND	EPA 608	0.05	0.001 - 0.002	0.01
Acenaphthene	ug/L				ND	ND	ND	EPA 625	1	1.5	10.0
Acenaphthylene	ug/L				ND	ND	ND	EPA 625	10	1.4	100
Acrolein	ug/L				ND	ND	ND	EPA 624		1.3 - 1.4	2.0
Acrylonitrile	ug/L				ND	ND	ND	EPA 624		0.20 - 0.31	2.0
Aldrin	ug/L				ND	ND	ND	EPA 608	0.005	0.0009 - 0.002	0.005
alpha-BHC	ug/L				ND	ND	ND	EPA 608	0.01	0.001 - 0.002	0.01
Anthracene	ug/L				ND	ND	ND	EPA 625	10	1.8	100
Antimony	ug/L				2.46	2.59	2.71	EPA 200.8	0.5	0.13	0.50
Aroclor 1016	ug/L				ND	ND	ND	EPA 608	0.5	0.02 - 0.04	0.1
Aroclor 1221	ug/L				ND	ND	ND	EPA 608	0.5	0.2	0.5
Aroclor 1232	ug/L				ND	ND	ND	EPA 608	0.5	0.09 - 0.2	0.3
Aroclor 1242	ug/L				ND	ND	ND	EPA 608	0.5	0.02 - 0.08	0.1
Aroclor 1248	ug/L				ND	ND	ND	EPA 608	0.5	0.02 - 0.04	0.1
Aroclor 1254	ug/L				ND	ND	ND	EPA 608	0.5	0.01 - 0.03	0.05
Aroclor 1260	ug/L				ND	ND	ND	EPA 608	0.5	0.01 - 0.05	0.1
Arsenic	ug/L				2.33	2.41	2.49	EPA 200.8	2	0.16	1.00
Benzene	ug/L				ND	ND	ND	EPA 624	2	0.15 - 0.24	0.50
Benzidine	ug/L				ND	ND	ND	EPA 625	5	16.7	50.0
Benzo(a)anthracene	ug/L				ND	ND	ND	EPA 625	5	1.9	50.0
Benzo(a)pyrene	ug/L				ND	ND	ND	EPA 625	10	1.5	100
Benzo(b)fluoranthene	ug/L				ND	ND	ND	EPA 625	10	1.3	100
Benzo(g,h,i)perylene	ug/L				ND	ND	ND	EPA 625	5	1.9	50.0
Benzo(k)fluoranthene	ug/L				ND	ND	ND	EPA 625	10	2.3	100
Beryllium	ug/L				ND	ND	ND	EPA 200.8	0.5	0.040	0.25
beta-BHC	ug/L				ND	ND	ND	EPA 608	0.005	0.002 - 0.003	0.005
bis(2-Chloroethoxy) methane	ug/L				ND	ND	ND	EPA 625	5	1.3	50.0
bis(2-Chloroethyl) ether	ug/L				ND	ND	ND	EPA 625	1	1.9	10.0
bis(2-Chloroisopropyl) ether	ug/L				ND	ND	ND	EPA 625	2	1.6	20.0
bis(2-Ethylhexyl) phthalate	ug/L				DNQ Est. Conc. 14.1	ND	DNQ Est. Conc. 18.3	EPA 625	5	2.5	20.0
BOD5 20°C	mg/L	313	267	261	261	303	365	SM 5210B		0.6	120
Bromodichloromethane	ug/L				ND	ND	ND	EPA 624	2	0.08 - 0.17	0.50
Bromoform	ug/L				ND	ND	ND	EPA 624	2	0.13 - 0.17	0.50

Los Coyotes Water Reclamation Plant
2014 INF-001 Monitoring Results

Parameter	Units	January	February	March	April	May	June	July	August	September
Butyl benzyl phthalate	ug/L		ND					DNQ Est. Conc. 5.1		
Cadmium	ug/L	DNQ Est. Conc. 0.13						DNQ Est. Conc. 0.11		
Carbon tetrachloride	ug/L	ND						ND		
Chlordane	ug/L	ND						ND		
Chlorobenzene	ug/L	ND						ND		
Chlorodibromomethane	ug/L	ND						ND		
Chloroethane	ug/L	ND						ND		
Chloroform	ug/L	4.2						4.1		
Chromium VI	ug/L	ND						0.07		
Chromium, total	ug/L	2.72						2.42		
Chrysene	ug/L		ND					ND		
Copper	ug/L	60			50			50		
delta-BHC	ug/L	ND						ND		
Di-n-butyl phthalate	ug/L		ND					ND		
Di-n-octyl phthalate	ug/L		ND					ND		
Dibenzo(a,h)anthracene	ug/L		ND					ND		
Dieldrin	ug/L	ND						ND		
Diethyl phthalate	ug/L		DNQ Est. Conc. 6.6					DNQ Est. Conc. 5.7		
Dimethyl phthalate	ug/L		ND					ND		
Endosulfan II	ug/L	ND						ND		
Endosulfan I	ug/L	ND						ND		
Endosulfan sulfate	ug/L	ND						ND		
Endrin aldehyde	ug/L	ND						ND		
Endrin	ug/L	ND						ND		
Ethylbenzene	ug/L	DNQ Est. Conc. 0.14						DNQ Est. Conc. 0.26		
Fluoranthene	ug/L		ND					ND		
Fluorene	ug/L		ND					ND		
gamma-BHC (Lindane)	ug/L	ND						ND		
Heptachlor epoxide	ug/L	ND						ND		
Heptachlor	ug/L	ND						ND		
Hexachlorobenzene	ug/L		ND					ND		
Hexachlorobutadiene	ug/L		ND					ND		
Hexachlorocyclopentadiene	ug/L		ND					ND		
Hexachloroethane	ug/L		ND					ND		
Indeno (1,2,3-cd) pyrene	ug/L		ND					ND		
Isophorone	ug/L		ND					ND		
Lead	ug/L	0.97						0.87		
Mercury	ug/L	0.17						0.04		
Methyl bromide (Bromomethane)	ug/L	ND						ND		
Methyl chloride (Chloromethane)	ug/L	ND						ND		
Methylene chloride	ug/L	0.64						DNQ Est. Conc. 0.44		
n-Nitrosodi-n-propylamine	ug/L		ND					ND		
n-Nitrosodimethylamine (NDMA)	ug/L		ND					ND		
n-Nitrosodiphenylamine	ug/L		ND					ND		
Naphthalene	ug/L		ND					ND		
Nickel	ug/L	6.52						5.27		
Nitrobenzene	ug/L		ND					ND		
Pentachlorophenol	ug/L		ND					ND		
Phenanthrene	ug/L		ND					ND		
Phenol	ug/L		38.7					34.9		
pH	SU	7.3	7.4	7.5	7.3	7.2	7.1	7.5	7.3	7.4
Pyrene	ug/L		ND					ND		
Selenium	ug/L	DNQ Est. Conc. 0.90						DNQ Est. Conc. 0.86		
Silver	ug/L	0.34						0.28		
Tetrachloroethene	ug/L	DNQ Est. Conc. 0.15						ND		
Thallium	ug/L	ND						ND		
Toluene	ug/L	1.8						1.6		
Total cyanide	mg/L	DNQ Est. Conc. 0.0016			DNQ Est. Conc. 0.0017			DNQ Est. Conc. 0.0019		
Total suspended solids	mg/L	272	308	376	315	318	309	290	287	248
Toxaphene	ug/L	ND						ND		
trans-1,2-Dichloroethene	ug/L	ND						ND		
Trichloroethene	ug/L	ND						ND		
Vinyl chloride	ug/L	ND						ND		
Zinc	ug/L	72.5						64.4		

Los Coyotes Water Reclamation Plant
2014 INF-001 Monitoring Results

Parameter	Units	October	November	December	Monthly Average			Method	ML	MDL	RDL
					Minimum	Average	Maximum				
Butyl benzyl phthalate	ug/L				ND	ND	DNQ Est. Conc. 5.1	EPA 625	10	1.6	100
Cadmium	ug/L				DNQ Est. Conc. 0.11	ND	DNQ Est. Conc. 0.13	EPA 200.8	0.25	0.040	0.20
Carbon tetrachloride	ug/L				ND	ND	ND	EPA 624	2	0.07 - 0.28	0.50
Chlordane	ug/L				ND	ND	ND	EPA 608	0.1	0.01 - 0.03	0.05
Chlorobenzene	ug/L				ND	ND	ND	EPA 624	2	0.11 - 0.17	0.50
Chlorodibromomethane	ug/L				ND	ND	ND	EPA 624	2	0.10 - 0.14	0.50
Chloroethane	ug/L				ND	ND	ND	EPA 624	2	0.15 - 0.18	0.50
Chloroform	ug/L				4.1	4.2	4.2	EPA 624	2	0.12 - 0.18	0.50
Chromium VI	ug/L				ND	0.04	0.07	EPA 218.6 (Dissolved)		0.0048 - 0.02	0.05 - 0.30
Chromium, total	ug/L				2.42	2.57	2.72	EPA 200.8	0.5	0.07	0.50
Chrysene	ug/L				ND	ND	ND	EPA 625	10	1.7	100
Copper	ug/L	50			50	53	60	EPA 200.8	0.5	0	0
delta-BHC	ug/L				ND	ND	ND	EPA 608	0.005	0.003 - 0.004	0.005
Di-n-butyl phthalate	ug/L				ND	ND	ND	EPA 625	10	1.6	100
Di-n-octyl phthalate	ug/L				ND	ND	ND	EPA 625	10	1.6	100
Dibenzo(a,h)anthracene	ug/L				ND	ND	ND	EPA 625	10	1.5	100
Dieldrin	ug/L				ND	ND	ND	EPA 608	0.01	0.001	0.01
Diethyl phthalate	ug/L				DNQ Est. Conc. 5.7	ND	DNQ Est. Conc. 6.6	EPA 625	2	2.1	20.0
Dimethyl phthalate	ug/L				ND	ND	ND	EPA 625	2	1.9	20.0
Endosulfan II	ug/L				ND	ND	ND	EPA 608	0.01	0.001 - 0.003	0.01
Endosulfan I	ug/L				ND	ND	ND	EPA 608	0.02	0.001	0.01
Endosulfan sulfate	ug/L				ND	ND	ND	EPA 608	0.05	0.002 - 0.009	0.01
Endrin aldehyde	ug/L				ND	ND	ND	EPA 608	0.01	0.001 - 0.002	0.01
Endrin	ug/L				ND	ND	ND	EPA 608	0.01	0.001 - 0.002	0.01
Ethylbenzene	ug/L				DNQ Est. Conc. 0.14	ND	DNQ Est. Conc. 0.26	EPA 624	2	0.06 - 0.18	0.50
Fluoranthene	ug/L				ND	ND	ND	EPA 625	1	1.9	10.0
Fluorene	ug/L				ND	ND	ND	EPA 625	10	1.8	100
gamma-BHC (Lindane)	ug/L				ND	ND	ND	EPA 608	0.02	0.0009 - 0.001	0.01
Heptachlor epoxide	ug/L				ND	ND	ND	EPA 608	0.01	0.001	0.01
Heptachlor	ug/L				ND	ND	ND	EPA 608	0.01	0.0008 - 0.001	0.01
Hexachlorobenzene	ug/L				ND	ND	ND	EPA 625	1	1.8	10.0
Hexachlorobutadiene	ug/L				ND	ND	ND	EPA 625	1	1.4	10.0
Hexachlorocyclopentadiene	ug/L				ND	ND	ND	EPA 625	5	7.5	50.0
Hexachloroethane	ug/L				ND	ND	ND	EPA 625	1	1.4	10.0
Indeno (1,2,3-cd) pyrene	ug/L				ND	ND	ND	EPA 625	10	1.4	100
Isophorone	ug/L				ND	ND	ND	EPA 625	1	1.3	10.0
Lead	ug/L				0.87	0.92	0.97	EPA 200.8	0.5	0.03	0.25
Mercury	ug/L				0.04	0.1	0.17	EPA 245.1	0.5	0.01	0.04
Methyl bromide (Bromomethane)	ug/L				ND	ND	ND	EPA 624	2	0.30 - 0.33	0.50
Methyl chloride (Chloromethane)	ug/L				ND	ND	ND	EPA 624	2	0.19 - 0.22	0.50
Methylene chloride	ug/L				DNQ Est. Conc. 0.44	0.32	0.64	EPA 624	2	0.18 - 0.27	0.50
n-Nitrosodi-n-propylamine	ug/L				ND	ND	ND	EPA 625	5	1.2	50.0
n-Nitrosodimethylamine (NDMA)	ug/L				ND	ND	ND	EPA 625	5	1.4	50.0
n-Nitrosodiphenylamine	ug/L				ND	ND	ND	EPA 625	1	1.5	10.0
Naphthalene	ug/L				ND	ND	ND	EPA 625	1	1.8	10.0
Nickel	ug/L				5.27	5.90	6.52	EPA 200.8	1	0.13	1.00
Nitrobenzene	ug/L				ND	ND	ND	EPA 625	1	2.2	10.0
Pentachlorophenol	ug/L				ND	ND	ND	EPA 625	5	3.8	10.0
Phenanthrene	ug/L				ND	ND	ND	EPA 625	5	1.9	50.0
Phenol	ug/L				34.9	36.8	38.7	EPA 625	1	1.4	10.0
pH	SU	7.3	7.4	7.3	7.1	7.3	7.5	SM 4500 H+ B		1.00	1.00 - 4.00
Pyrene	ug/L				ND	ND	ND	EPA 625	10	1.9	100
Selenium	ug/L				DNQ Est. Conc. 0.86	ND	DNQ Est. Conc. 0.90	EPA 200.8	2	0.17	1.00
Silver	ug/L				0.28	0.31	0.34	EPA 200.8	0.25	0.03	0.20
Tetrachloroethene	ug/L				ND	ND	DNQ Est. Conc. 0.15	EPA 624	2	0.12 - 0.18	0.50
Thallium	ug/L				ND	ND	ND	EPA 200.8	1	0.020	0.25
Toluene	ug/L				1.6	1.7	1.8	EPA 624	2	0.12 - 0.19	0.50
Total cyanide	mg/L	ND			ND	ND	DNQ Est. Conc. 0.0019	SM 4500 CN E	0.005	0.0010	0.0050
Total suspended solids	mg/L	338	270	275	248	301	376	SM 2540D		50.0 - 100	50.0 - 100
Toxaphene	ug/L				ND	ND	ND	EPA 608	0.5	0.04 - 0.08	0.5
trans-1,2-Dichloroethene	ug/L				ND	ND	ND	EPA 624	1	0.16 - 0.26	0.50
Trichloroethene	ug/L				ND	ND	ND	EPA 624	2	0.28 - 0.32	0.50
Vinyl chloride	ug/L				ND	ND	ND	EPA 624	2	0.12 - 0.26	0.50
Zinc	ug/L				64.4	68.5	72.5	EPA 200.8	1	0.22	1.00

Los Coyotes WRP Effluent Monitoring

Los Coyotes Water Reclamation Plant
2014 EFF-001A Monitoring Results

Parameter	Units	January	February	March	April	May	June	July	August	September
1,1-Dichloroethane	ug/L	ND						ND		
1,1-Dichloroethene	ug/L	ND						ND		
1,1,1-Trichloroethane	ug/L	ND						ND		
1,1,2-Trichloroethane	ug/L	ND						ND		
1,1,2,2-Tetrachloroethane	ug/L	ND						ND		
1,2-Dichlorobenzene	ug/L	ND						ND		
1,2-Dichloroethane	ug/L	ND						ND		
1,2-Dichloropropane	ug/L	ND						ND		
1,2-Diphenylhydrazine	ug/L	ND						ND		
1,2,3-Trichloropropane	ug/L	ND						ND		
1,2,3,4,6,7,8-HeptaCDD	pg/L	DNQ Est. Conc. 2.0						DNQ Est. Conc. 3.2		
1,2,3,4,6,7,8-HeptaCDF	pg/L	DNQ Est. Conc. 3.0						DNQ Est. Conc. 3.7		
1,2,3,4,7,8-HexaCDD	pg/L	ND						DNQ Est. Conc. 1.9		
1,2,3,4,7,8-HexaCDF	pg/L	ND						DNQ Est. Conc. 1.9		
1,2,3,4,7,8,9-HeptaCDF	pg/L	ND						DNQ Est. Conc. 2.3		
1,2,3,6,7,8-HexaCDD	pg/L	ND						DNQ Est. Conc. 2.5		
1,2,3,6,7,8-HexaCDF	pg/L	ND						DNQ Est. Conc. 1.8		
1,2,3,7,8-PentaCDD	pg/L	ND						DNQ Est. Conc. 2.1		
1,2,3,7,8-PentaCDF	pg/L	ND						DNQ Est. Conc. 2.3		
1,2,3,7,8,9-HexaCDD	pg/L	ND						DNQ Est. Conc. 2.5		
1,2,3,7,8,9-HexaCDF	pg/L	ND						DNQ Est. Conc. 2.4		
1,2,4-Trichlorobenzene	ug/L	ND						ND		
1,3-Dichlorobenzene	ug/L	ND						ND		
1,3-Dichloropropene (Total)	ug/L	ND						ND		
1,4-Dichlorobenzene	ug/L	ND						ND		
1,4-Dioxane	ug/L	2.9						2.2		
2-Chloroethyl vinyl ether (mixed)	ug/L	ND						ND		
2-Chloronaphthalene	ug/L	ND						ND		
2-Chlorophenol	ug/L	ND						ND		
2-Methyl-4,6-dinitrophenol	ug/L	ND						ND		
2-Nitrophenol	ug/L	ND						ND		
2,3,4,6,7,8-HexaCDF	pg/L	ND						DNQ Est. Conc. 1.6		
2,3,4,7,8-PentaCDF	pg/L	ND						DNQ Est. Conc. 1.5		
2,3,7,8-TCDD	pg/L	ND						ND		
2,3,7,8-TetraCDF	pg/L	ND						DNQ Est. Conc. 0.74		
2,4-Dichlorophenol	ug/L	ND						ND		
2,4-Dimethylphenol	ug/L	ND						ND		
2,4-Dinitrophenol	ug/L	ND						ND		
2,4-Dinitrotoluene	ug/L	ND						ND		
2,4,6-Trichlorophenol	ug/L	DNQ Est. Conc. 0.47						DNQ Est. Conc. 0.21		
2,6-Dinitrotoluene	ug/L	ND						ND		
3-Methyl-4-chlorophenol	ug/L	ND						ND		
3,3'-Dichlorobenzidine	ug/L	ND						ND		
4-Bromophenyl phenyl ether	ug/L	ND						ND		
4-Chlorophenyl phenyl ether	ug/L	ND						ND		
4-Nitrophenol	ug/L	ND						ND		
4,4-DDT	ug/L	ND						ND		
4,4'-DDD	ug/L	ND						ND		
4,4'-DDE	ug/L	ND						ND		
Acenaphthene	ug/L	ND						ND		
Acenaphthylene	ug/L	ND						ND		
Acrolein	ug/L	ND						ND		
Acrylonitrile	ug/L	ND						ND		
Aldrin	ug/L	ND						ND		
alpha-BHC	ug/L	ND						ND		
Ammonia as nitrogen	mg/L	0.875	1.05	1.49	1.30	1.14	1.08	1.48	1.64	1.88
Anthracene	ug/L	ND						ND		
Antimony	ug/L	2.34			2.87			1.97		
Aroclor 1016	ug/L	ND						ND		
Aroclor 1221	ug/L	ND						ND		
Aroclor 1232	ug/L	ND						ND		
Aroclor 1242	ug/L	ND						ND		
Aroclor 1248	ug/L	ND						ND		
Aroclor 1254	ug/L	ND						ND		
Aroclor 1260	ug/L	ND						ND		

Los Coyotes Water Reclamation Plant
2014 EFF-001A Monitoring Results

Parameter	Units	October	November	December	Monthly Average			Limit		Method	ML	MDL	RDL
					Minimum	Average	Maximum	Max Daily	Monthly Average				
1,1-Dichloroethane	ug/L				ND	ND	ND			EPA 624	1	0.19 - 0.20	0.50
1,1-Dichloroethene	ug/L				ND	ND	ND			EPA 624	2	0.28 - 0.32	0.50
1,1,1-Trichloroethane	ug/L				ND	ND	ND			EPA 624	2	0.08 - 0.21	0.50
1,1,2-Trichloroethane	ug/L				ND	ND	ND			EPA 624	2	0.09 - 0.14	0.50
1,1,2,2-Tetrachloroethane	ug/L				ND	ND	ND			EPA 624	1	0.10 - 0.11	0.50
1,2-Dichlorobenzene	ug/L				ND	ND	ND			EPA 624	2	0.07 - 0.16	0.50
1,2-Dichloroethane	ug/L				ND	ND	ND			EPA 624	2	0.09 - 0.11	0.50
1,2-Dichloropropane	ug/L				ND	ND	ND			EPA 624	1	0.12 - 0.18	0.50
1,2-Diphenylhydrazine	ug/L				ND	ND	ND			EPA 625	1	0.13	1.0
1,2,3-Trichloropropane	ug/L				ND	ND	ND			EPA 524.2		0.0012	0.0050
1,2,3,4,6,7,8-HeptaCDD	pg/L				DNQ Est. Conc. 2.0	ND	DNQ Est. Conc. 3.2			EPA 1613B		0.33 - 0.78	51 - 56
1,2,3,4,6,7,8-HeptaCDF	pg/L				DNQ Est. Conc. 3.0	ND	DNQ Est. Conc. 3.7			EPA 1613B		0.26 - 0.92	51 - 56
1,2,3,4,7,8-HexaCDD	pg/L				ND	ND	DNQ Est. Conc. 1.9			EPA 1613B		0.26 - 1.3	51 - 56
1,2,3,4,7,8-HexaCDF	pg/L				ND	ND	DNQ Est. Conc. 1.9			EPA 1613B		0.20 - 1.5	51 - 56
1,2,3,4,7,8,9-HeptaCDF	pg/L				ND	ND	DNQ Est. Conc. 2.3			EPA 1613B		0.40 - 1.4	51 - 56
1,2,3,6,7,8-HexaCDD	pg/L				ND	ND	DNQ Est. Conc. 2.5			EPA 1613B		0.26 - 1.2	51 - 56
1,2,3,6,7,8-HexaCDF	pg/L				ND	ND	DNQ Est. Conc. 1.8			EPA 1613B		0.18 - 1.2	51 - 56
1,2,3,7,8-PentaCDD	pg/L				ND	ND	DNQ Est. Conc. 2.1			EPA 1613B		0.59 - 1.9	51 - 56
1,2,3,7,8-PentaCDF	pg/L				ND	ND	DNQ Est. Conc. 2.3			EPA 1613B		0.19 - 4.4	51 - 56
1,2,3,7,8,9-HexaCDD	pg/L				ND	ND	DNQ Est. Conc. 2.5			EPA 1613B		0.22 - 1.0	51 - 56
1,2,3,7,8,9-HexaCDF	pg/L				ND	ND	DNQ Est. Conc. 2.4			EPA 1613B		0.20 - 1.3	51 - 56
1,2,4-Trichlorobenzene	ug/L				ND	ND	ND			EPA 625	5	0.17	5.0
1,3-Dichlorobenzene	ug/L				ND	ND	ND			EPA 624	2	0.08	0.50
1,3-Dichloropropene (Total)	ug/L				ND	ND	ND			EPA 624	2		0.50
1,4-Dichlorobenzene	ug/L				ND	ND	ND			EPA 624	2	0.07 - 0.16	0.50
1,4-Dioxane	ug/L				2.2	2.6	2.9			SW-846 8270MOD		0.09 - 0.13	0.40
2-Chloroethyl vinyl ether (mixed)	ug/L				ND	ND	ND			EPA 624	1	0.12 - 0.23	0.50
2-Chloronaphthalene	ug/L				ND	ND	ND			EPA 625	10	0.16	10.0
2-Chlorophenol	ug/L				ND	ND	ND			EPA 625	5	0.15	5.0
2-Methyl-4,6-dinitrophenol	ug/L				ND	ND	ND			EPA 625	5	1.3	5.0
2-Nitrophenol	ug/L				ND	ND	ND			EPA 625	10	0.20	10.0
2,3,4,6,7,8-HexaCDF	pg/L				ND	ND	DNQ Est. Conc. 1.6			EPA 1613B		0.18 - 1.1	51 - 56
2,3,4,7,8-PentaCDF	pg/L				ND	ND	DNQ Est. Conc. 1.5			EPA 1613B		0.21 - 4.8	51 - 56
2,3,7,8-TCDD	pg/L				ND	ND	ND			EPA 1613B		0.78 - 0.93	10 - 11
2,3,7,8-TetraCDF	pg/L				ND	ND	DNQ Est. Conc. 0.74			EPA 1613B		0.13 - 1.6	10 - 11
2,4-Dichlorophenol	ug/L				ND	ND	ND			EPA 625	5	0.15	5.0
2,4-Dimethylphenol	ug/L				ND	ND	ND			EPA 625	2	0.11	2.0
2,4-Dinitrophenol	ug/L				ND	ND	ND			EPA 625	5	1.7	5.0
2,4-Dinitrotoluene	ug/L				ND	ND	ND			EPA 625	5	0.20	5.0
2,4,6-Trichlorophenol	ug/L				DNQ Est. Conc. 0.21	ND	DNQ Est. Conc. 0.47			EPA 625	10	0.12	10.0
2,6-Dinitrotoluene	ug/L				ND	ND	ND			EPA 625	5	0.22	5.0
3-Methyl-4-chlorophenol	ug/L				ND	ND	ND			EPA 625	1	0.13	1.0
3,3'-Dichlorobenzidine	ug/L				ND	ND	ND			EPA 625	5	1.2	5.0
4-Bromophenyl phenyl ether	ug/L				ND	ND	ND			EPA 625	5	0.21	5.0
4-Chlorophenyl phenyl ether	ug/L				ND	ND	ND			EPA 625	5	0.17	5.0
4-Nitrophenol	ug/L				ND	ND	ND			EPA 625	10	1.4	10.0
4,4-DDT	ug/L				ND	ND	ND			EPA 608	0.01	0.001 - 0.003	0.01
4,4'-DDD	ug/L				ND	ND	ND			EPA 608	0.05	0.001 - 0.002	0.01
4,4'-DDE	ug/L				ND	ND	ND			EPA 608	0.05	0.001 - 0.002	0.01
Acenaphthene	ug/L				ND	ND	ND			EPA 625	1	0.15	1.0
Acenaphthylene	ug/L				ND	ND	ND			EPA 625	10	0.14	10.0
Acrolein	ug/L				ND	ND	ND			EPA 624	5	1.3 - 1.4	2.0
Acrylonitrile	ug/L				ND	ND	ND			EPA 624	2	0.20 - 0.31	2.0
Aldrin	ug/L				ND	ND	ND			EPA 608	0.005	0.0009 - 0.002	0.005
alpha-BHC	ug/L				ND	ND	ND			EPA 608	0.01	0.001 - 0.002	0.01
Ammonia as nitrogen	mg/L	1.34	1.47	1.59	0.875	1.36	1.88	4.9	2.1	SM 4500 NH3 G		0.01 - 0.040	0.100 - 0.5
Anthracene	ug/L				ND	ND	ND			EPA 625	10	0.18	10.0
Antimony	ug/L	2.51			1.97	2.42	2.87			EPA 200.8	0.5	0.05 - 0.13	0.50
Aroclor 1016	ug/L				ND	ND	ND			EPA 608	0.5	0.02 - 0.04	0.1
Aroclor 1221	ug/L				ND	ND	ND			EPA 608	0.5	0.2	0.5
Aroclor 1232	ug/L				ND	ND	ND			EPA 608	0.5	0.09 - 0.2	0.3
Aroclor 1242	ug/L				ND	ND	ND			EPA 608	0.5	0.02 - 0.08	0.1
Aroclor 1248	ug/L				ND	ND	ND			EPA 608	0.5	0.02 - 0.04	0.1
Aroclor 1254	ug/L				ND	ND	ND			EPA 608	0.5	0.01 - 0.03	0.05
Aroclor 1260	ug/L				ND	ND	ND			EPA 608	0.5	0.01 - 0.05	0.1

Los Coyotes Water Reclamation Plant
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Parameter	Units	January	February	March	April	May	June	July	August	September
Arsenic	ug/L	1.01			DNQ Est. Conc. 0.89			DNQ Est. Conc. 0.90		
Barium	ug/L	46.3			54.7			60.4		
Benzene	ug/L	ND						ND		
Benzidine	ug/L	ND						ND		
Benzo(a)anthracene	ug/L	ND						ND		
Benzo(a)pyrene	ug/L	ND						ND		
Benzo(b)fluoranthene	ug/L	ND						ND		
Benzo(g,h,i)perylene	ug/L	ND						ND		
Benzo(k)fluoranthene	ug/L	ND						ND		
Beryllium	ug/L	ND			ND			ND		
beta-BHC	ug/L	ND						ND		
bis(2-Chloroethoxy) methane	ug/L	ND						ND		
bis(2-Chloroethyl) ether	ug/L	ND						ND		
bis(2-Chloroisopropyl) ether	ug/L	ND						ND		
bis(2-Ethylhexyl) phthalate	ug/L	ND						ND		
BOD5 20°C	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
Boron	mg/L	0.38	0.40	0.39	0.41	0.41	0.38	0.39	0.39	0.38
Bromodichloromethane	ug/L	5.2						6.6		
Bromoform	ug/L	DNQ Est. Conc. 0.26						DNQ Est. Conc. 0.18		
Butyl benzyl phthalate	ug/L	ND						ND		
Cadmium	ug/L	ND			ND			ND		
Carbon tetrachloride	ug/L	ND						ND		
Chlordane	ug/L	ND						ND		
Chloride	mg/L	175	174	177	178	180	175	181	192	176
Chlorobenzene	ug/L	ND						ND		
Chlorodibromomethane	ug/L	1.2						1.6		
Chloroethane	ug/L	ND						ND		
Chloroform	ug/L	10.2						13.6		
Chromium III	ug/L	0.55			0.67			0.56		
Chromium VI	ug/L	ND			ND			DNQ Est. Conc. 0.03		
Chromium, total	ug/L	0.55			0.67			0.56		
Chromium, total (24-hr composite)	ug/L	0.62			0.53			0.55		
Chrysene	ug/L	ND						ND		
Copper	ug/L	2.07	1.61	2.25	1.56	1.89	1.28	1.38	1.85	1.45
delta-BHC	ug/L	ND						ND		
Di-n-butyl phthalate	ug/L	ND						ND		
Di-n-octyl phthalate	ug/L	ND						ND		
Dibenzo(a,h)anthracene	ug/L	ND						ND		
Dieldrin	ug/L	ND						ND		
Diethyl phthalate	ug/L	ND						ND		
Dimethyl phthalate	ug/L	ND						ND		
Dissolved oxygen	mg/L	7.0	6.4	7.9	6.7	7.2	7.0	6.8	7.1	7.0
E. coli	No./100mL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan II	ug/L	ND						ND		
Endosulfan I	ug/L	ND						ND		
Endosulfan sulfate	ug/L	ND						ND		
Endrin aldehyde	ug/L	ND						ND		
Endrin	ug/L	ND						ND		
Ethylbenzene	ug/L	ND						ND		
Fecal coliform	No./100mL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	ug/L	ND						ND		
Fluorene	ug/L	ND						ND		
Fluoride	mg/L	0.491	0.478	0.477	0.479	0.497	0.513	0.536	0.520	0.455
gamma-BHC (Lindane)	ug/L	ND						ND		
Gross alpha radioactivity	pCi/L	2.10			ND			1.57		
Gross beta radioactivity	pCi/L	4.89			5.27			5.04		
Heptachlor epoxide	ug/L	ND						ND		
Heptachlor	ug/L	ND						ND		
Hexachlorobenzene	ug/L	ND						ND		
Hexachlorobutadiene	ug/L	ND						ND		
Hexachlorocyclopentadiene	ug/L	ND						ND		
Hexachloroethane	ug/L	ND						ND		
Indeno (1,2,3-cd) pyrene	ug/L	ND						ND		
Isophorone	ug/L	ND						ND		
Lead	ug/L	DNQ Est. Conc. 0.15			DNQ Est. Conc. 0.18			DNQ Est. Conc. 0.16		
Mercury	ug/L	0.0019			0.0019			0.00053		

Los Coyotes Water Reclamation Plant
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Parameter	Units	October	November	December	Monthly Average			Limit		Method	ML	MDL	RDL
					Minimum	Average	Maximum	Max Daily	Monthly Average				
Arsenic	ug/L	DNQ Est. Conc. 0.98			DNQ Est. Conc. 0.89	0.253	1.01			EPA 200.8	2	0.16	1.00
Barium	ug/L	48.5			46.3	52.5	60.4			EPA 200.8		0.060 - 0.070	0.50
Benzene	ug/L				ND	ND	ND			EPA 624	2	0.15 - 0.24	0.50
Benzidine	ug/L				ND	ND	ND			EPA 625	5	1.7	5.0
Benzo(a)anthracene	ug/L				ND	ND	ND			EPA 625	5	0.19	5.0
Benzo(a)pyrene	ug/L				ND	ND	ND			EPA 610	10	0.007	0.020
Benzo(b)fluoranthene	ug/L				ND	ND	ND			EPA 610	10	0.004	0.020
Benzo(g,h,i)perylene	ug/L				ND	ND	ND			EPA 625	5	0.19	5.0
Benzo(k)fluoranthene	ug/L				ND	ND	ND			EPA 610	10	0.005	0.020
Beryllium	ug/L	ND			ND	ND	ND			EPA 200.8	0.5	0.010 - 0.040	0.25
beta-BHC	ug/L				ND	ND	ND			EPA 608	0.005	0.002 - 0.003	0.005
bis(2-Chloroethoxy) methane	ug/L				ND	ND	ND			EPA 625	5	0.13	5.0
bis(2-Chloroethyl) ether	ug/L				ND	ND	ND			EPA 625	1	0.19	1.0
bis(2-Chloroisopropyl) ether	ug/L				ND	ND	ND			EPA 625	2	0.16	2.0
bis(2-Ethylhexyl) phthalate	ug/L				ND	ND	ND			EPA 625	5	0.25	2.0
BOD5 20°C	mg/L	ND	ND	ND	ND	ND	ND	45	20	SM 5210B		0.6	3.0
Boron	mg/L	0.40	0.43	0.41	0.38	0.40	0.43			EPA 200.8		0.002 - 0.005	0.020
Bromodichloromethane	ug/L				5.2	5.9	6.6			EPA 624	2	0.08 - 0.17	0.50
Bromoform	ug/L				DNQ Est. Conc. 0.18	ND	DNQ Est. Conc. 0.26			EPA 624	2	0.13 - 0.17	0.50
Butyl benzyl phthalate	ug/L				ND	ND	ND			EPA 625	10	0.16	10.0
Cadmium	ug/L	ND			ND	ND	ND			EPA 200.8	0.25	0.040 - 0.070	0.20
Carbon tetrachloride	ug/L				ND	ND	ND			EPA 624	2	0.07 - 0.28	0.50
Chlordane	ug/L				ND	ND	ND			EPA 608	0.1	0.01 - 0.03	0.05
Chloride	mg/L	185	164	157	157	176	192			EPA 300.0		0.400 - 0.750	8.00 - 10.0
Chlorobenzene	ug/L				ND	ND	ND			EPA 624	2	0.11 - 0.17	0.50
Chlorodibromomethane	ug/L				1.2	1.4	1.6			EPA 624	2	0.10 - 0.14	0.50
Chloroethane	ug/L				ND	ND	ND			EPA 624	2	0.15 - 0.18	0.50
Chloroform	ug/L				10.2	11.9	13.6			EPA 624	2	0.12 - 0.18	0.50
Chromium III	ug/L	0.60			0.55	0.60	0.67			EPA 200.8			0.50
Chromium VI	ug/L	DNQ Est. Conc. 0.03			ND	ND	DNQ Est. Conc. 0.03			EPA 218.6 (Dissolved)		0.0048 - 0.02	0.05 - 0.30
Chromium, total	ug/L	0.60			0.55	0.60	0.67			EPA 200.8	0.5	0.04 - 0.07	0.50
Chromium, total (24-hr composite)	ug/L	0.55			0.53	0.56	0.62			EPA 200.8	0.5	0.07	0.50
Chrysene	ug/L				ND	ND	ND			EPA 610	10	0.005	0.020
Copper	ug/L	1.45	2.11	1.91	1.28	1.73	2.25	28 (1)	15 (1)	EPA 200.8	0.5	0.02 - 0.08	0.20 - 0.50
delta-BHC	ug/L				ND	ND	ND			EPA 608	0.005	0.003 - 0.004	0.005
Di-n-butyl phthalate	ug/L				ND	ND	ND			EPA 625	10	0.16	10.0
Di-n-octyl phthalate	ug/L				ND	ND	ND			EPA 625	10	0.16	10.0
Dibenzo(a,h)anthracene	ug/L				ND	ND	ND			EPA 610	10	0.004	0.020
Dieldrin	ug/L				ND	ND	ND			EPA 608	0.01	0.001	0.01
Diethyl phthalate	ug/L				ND	ND	ND			EPA 625	2	0.21	2.0
Dimethyl phthalate	ug/L				ND	ND	ND			EPA 625	2	0.19	2.0
Dissolved oxygen	mg/L	6.6	7.0	8.2	6.4	7.1	8.2			SM 4500 O G		0.1	1.0
E. coli	No./100mL	ND	ND	ND	ND	ND	ND			SM 9223		1.1	1.1
Endosulfan II	ug/L				ND	ND	ND			EPA 608	0.01	0.001 - 0.003	0.01
Endosulfan I	ug/L				ND	ND	ND			EPA 608	0.02	0.001	0.01
Endosulfan sulfate	ug/L				ND	ND	ND			EPA 608	0.05	0.002 - 0.009	0.01
Endrin aldehyde	ug/L				ND	ND	ND			EPA 608	0.01	0.001 - 0.002	0.01
Endrin	ug/L				ND	ND	ND			EPA 608	0.01	0.001 - 0.002	0.01
Ethylbenzene	ug/L				ND	ND	ND			EPA 624	2	0.06 - 0.18	0.50
Fecal coliform	No./100mL	ND	ND	ND	ND	ND	ND			SM 9222D		1	1
Fluoranthene	ug/L				ND	ND	ND			EPA 625	1	0.19	1.0
Fluorene	ug/L				ND	ND	ND			EPA 625	10	0.18	10.0
Fluoride	mg/L	0.494	0.502	0.496	0.455	0.495	0.536			SM 4500 F C		0.003 - 0.004	0.100
gamma-BHC (Lindane)	ug/L				ND	ND	ND			EPA 608	0.02	0.0009 - 0.001	0.01
Gross alpha radioactivity	pCi/L	2.17			ND	1.46	2.17			EPA 900.0		0.990 - 3.00	0.990 - 3.00
Gross beta radioactivity	pCi/L	4.08			4.08	4.82	5.27			EPA 900.0		1.69 - 2.26	1.69 - 2.26
Heptachlor epoxide	ug/L				ND	ND	ND			EPA 608	0.01	0.001	0.01
Heptachlor	ug/L				ND	ND	ND			EPA 608	0.01	0.0008 - 0.001	0.01
Hexachlorobenzene	ug/L				ND	ND	ND			EPA 625	1	0.18	1.0
Hexachlorobutadiene	ug/L				ND	ND	ND			EPA 625	1	0.14	1.0
Hexachlorocyclopentadiene	ug/L				ND	ND	ND			EPA 625	5	0.75	5.0
Hexachloroethane	ug/L				ND	ND	ND			EPA 625	1	0.14	1.0
Indeno (1,2,3-cd) pyrene	ug/L				ND	ND	ND			EPA 610	10	0.004	0.020
Isophorone	ug/L				ND	ND	ND			EPA 625	1	0.13	1.0
Lead	ug/L	DNQ Est. Conc. 0.17			DNQ Est. Conc. 0.15	ND	DNQ Est. Conc. 0.18			EPA 200.8	0.5	0.03	0.25
Mercury	ug/L	0.0017			0.00053	0.0015	0.0019			EPA 1631	0.5	0.00011	0.00020

Los Coyotes Water Reclamation Plant
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Parameter	Units	January	February	March	April	May	June	July	August	September
Methyl bromide (Bromomethane)	ug/L	ND						ND		
Methyl chloride (Chloromethane)	ug/L	ND						ND		
Methyl tert-butyl ether (MTBE)	ug/L	ND						ND		
Methylene chloride	ug/L	ND						ND		
n-Nitrosodi-n-propylamine	ug/L	ND						ND		
n-Nitrosodimethylamine (NDMA)	ug/L	ND						ND		
n-Nitrosodiphenylamine	ug/L	ND						ND		
Naphthalene	ug/L	ND						ND		
Nickel	ug/L	3.90			3.98			3.76		
Nitrate + nitrite as nitrogen	mg/L	4.97	7.09	6.97	7.21	6.44	6.44	5.32	6.27	6.57
Nitrate as nitrogen	mg/L	4.92	7.05	6.91	7.18	6.39	6.39	5.25	6.24	6.47
Nitrite as nitrogen	mg/L	0.047	0.036	0.056	0.030	0.051	0.045	0.074	0.032	0.094
Nitrobenzene	ug/L	ND						ND		
OctaCDD	pg/L	DNQ Est. Conc. 9.3						DNQ Est. Conc. 9.1		
OctaCDF	pg/L	DNQ Est. Conc. 4.5						DNQ Est. Conc. 5.2		
Oil and grease	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
Organic nitrogen	mg/L	0.677	0.700	1.23	0.680	0.800	0.860	0.850	1.36	0.380
Orthophosphate-P	mg/L	0.084	0.062	0.069	0.100	0.070	0.051	0.094	0.103	1.88
Pentachlorophenol	ug/L	ND						ND		
Perchlorate	ug/L	0.44						0.56		
Phenanthrene	ug/L	ND						ND		
Phenol	ug/L	DNQ Est. Conc. 0.26						DNQ Est. Conc. 0.30		
pH	SU	7.2	7.2	7.3	7.3	7.3	7.3	7.3	7.3	7.3
Polychlorinated biphenyls (PCBs)	ug/L	ND						ND		
Pyrene	ug/L	ND						ND		
Selenium	ug/L	DNQ Est. Conc. 0.44			DNQ Est. Conc. 0.48			DNQ Est. Conc. 0.23		
Settleable solids	mL/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	ug/L	ND			ND			ND		
Strontium-90	pCi/L	ND			1.06			0.432		
Sulfate	mg/L	186	170	166	160	166	160	200	200	183
Surfactant (CTAS)	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
Surfactant (MBAS)	mg/L	ND	ND	ND	ND	ND	ND	ND	0.12	ND
Temperature	Degrees F	74.7	75.3	76.5	78.6	82.2	82.5	84.5	85.4	86.0
Tetrachloroethene	ug/L	ND						ND		
Thallium	ug/L	ND			ND			ND		
Toluene	ug/L	DNQ Est. Conc. 0.45						DNQ Est. Conc. 0.36		
Total chlorinated hydrocarbons (TICH)	ug/L	ND			ND			ND		
Total coliform	No./100mL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total cyanide	ug/L	ND	DNQ Est. Conc. 2.22	DNQ Est. Conc. 2.11	DNQ Est. Conc. 1.22	ND	DNQ Est. Conc. 1.23	DNQ Est. Conc. 2.52	DNQ Est. Conc. 1.36	DNQ Est. Conc. 1.28
Total dissolved solids	mg/L	802	762	770	740	770	769	843	840	793
Total hardness (CaCO3)	mg/L	266	257	261	264	262	260	264	264	268
Total Kjeldahl Nitrogen (TKN)	mg/L	1.55	1.75	2.72	1.98	1.94	1.94	2.33	3.86	2.26
Total nitrogen	mg/L	6.52	8.84	9.69	9.19	8.38	8.38	7.65	10.1	10.6
Total phosphorus	mg/L	0.113	0.116	0.133	0.173	0.124	0.136	0.170	0.164	2.08
Total residual chlorine	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total suspended solids	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total trihalomethanes	ug/L	16.6						21.8		
Toxaphene	ug/L	ND						ND		
Toxic equivalence	pg/L	ND						ND		
trans-1,2-Dichloroethene	ug/L	ND						ND		
Trichloroethene	ug/L	ND						ND		
Tritium	pCi/L	ND			298			284		
Turbidity (flow proportioned avg daily value)	NTU	0.63	0.61	0.56	0.69	0.66	0.67	0.64	0.74	0.72
Uranium	pCi/L	0.394			0.455			0.071		
Vinyl chloride	ug/L	ND						ND		
Zinc	ug/L	38.8			38.7			38.5		

Los Coyotes Water Reclamation Plant
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Parameter	Units	October	November	December	Monthly Average			Limit		Method	ML	MDL	RDL
					Minimum	Average	Maximum	Max Daily	Monthly Average				
Methyl bromide (Bromomethane)	ug/L				ND	ND	ND			EPA 624	2	0.30 - 0.33	0.50
Methyl chloride (Chloromethane)	ug/L				ND	ND	ND			EPA 624	2	0.19 - 0.22	0.50
Methyl tert-butyl ether (MTBE)	ug/L				ND	ND	ND			EPA 624		0.12 - 0.16	0.50
Methylene chloride	ug/L				ND	ND	ND			EPA 624	2	0.18 - 0.27	0.50
n-Nitrosodi-n-propylamine	ug/L				ND	ND	ND			EPA 625	5	0.12	5.0
n-Nitrosodimethylamine (NDMA)	ug/L				ND	ND	ND			EPA1625(Mod.)/EPA625	5	0.0005 - 0.14	0.0020 - 5.0
n-Nitrosodiphenylamine	ug/L				ND	ND	ND			EPA 625	1	0.15	1.0
Naphthalene	ug/L				ND	ND	ND			EPA 625	1	0.18	1.0
Nickel	ug/L	3.34			3.34	3.75	3.98			EPA 200.8	1	0.10 - 0.13	1.00
Nitrate + nitrite as nitrogen	mg/L	5.83	8.02	6.58	4.97	6.48	8.02		8	SM 4500 NO3 F		0.030	0.200
Nitrate as nitrogen	mg/L	5.78	7.97	6.52	4.92	6.42	7.97			SM 4500 NO3 F		0.030	0.200
Nitrite as nitrogen	mg/L	0.045	0.046	0.060	0.030	0.051	0.094		1	SM 4500 NO3 F		0.003	0.030
Nitrobenzene	ug/L				ND	ND	ND			EPA 625	1	0.22	1.0
OctaCDD	pg/L				DNQ Est. Conc. 9.1	ND	DNQ Est. Conc. 9.3			EPA 1613B		0.43 - 1.6	100 - 110
OctaCDF	pg/L				DNQ Est. Conc. 4.5	ND	DNQ Est. Conc. 5.2			EPA 1613B		0.47 - 1.4	100 - 110
Oil and grease	mg/L	ND	ND	ND	ND	ND	ND	15	10	EPA 1664A		0.8 - 0.9	4.2 - 4.8
Organic nitrogen	mg/L	0.800	2.81	0.870	0.380	1.00	2.81			EPA 351.2		0.050 - 0.135	0.200
Orthophosphate-P	mg/L	0.102	0.093	0.107	0.051	0.23	1.88			EPA 365.1		0.001	0.030
Pentachlorophenol	ug/L				ND	ND	ND			EPA 625	5	0.38	1.0
Perchlorate	ug/L				0.44	0.50	0.56			EPA 331.0		0.0201	0.05
Phenanthrene	ug/L				ND	ND	ND			EPA 625	5	0.19	5.0
Phenol	ug/L				DNQ Est. Conc. 0.26	ND	DNQ Est. Conc. 0.30			EPA 625	1	0.14	1.0
pH	SU	7.3	7.3	7.3	7.2	7.3	7.3			SM 4500 H+ B		1.00	1.00 - 4.00
Polychlorinated biphenyls (PCBs)	ug/L				ND	ND	ND			EPA 608			
Pyrene	ug/L				ND	ND	ND			EPA 625	10	0.19	10.0
Selenium	ug/L	DNQ Est. Conc. 0.32			DNQ Est. Conc. 0.23	ND	DNQ Est. Conc. 0.48			EPA 200.8	2	0.04 - 0.17	1.00
Settleable solids	mL/L	ND	ND	ND	ND	ND	ND	0.3	0.1	SM 2540F		0.1	0.1
Silver	ug/L	ND			ND	ND	ND			EPA 200.8	0.25	0.03	0.20
Strontium-90	pCi/L	0.248			ND	0.435	1.06			EPA 905.0		0.606	0.606
Sulfate	mg/L	198	167	176	160	178	200			EPA 300.0		0.240 - 1.15	2.00 - 2.50
Surfactant (CTAS)	mg/L	ND	ND	ND	ND	ND	ND			SM 5540D		0.023 - 0.10	0.10 - 0.20
Surfactant (MBAS)	mg/L	ND	0.14	ND	ND	0.022	0.14			SM 5540C		0.03	0.10
Temperature	Degrees F	84.4	80.7	77.1	74.7	80.7	86.0	86		EPA 170.1 (oF)			
Tetrachloroethene	ug/L				ND	ND	ND			EPA 624	2	0.12 - 0.18	0.50
Thallium	ug/L	ND			ND	ND	ND			EPA 200.8	1	0.020	0.25
Toluene	ug/L				DNQ Est. Conc. 0.36	ND	DNQ Est. Conc. 0.45			EPA 624	2	0.12 - 0.19	0.50
Total chlorinated hydrocarbons (TICH)	ug/L	ND			ND	ND	ND			EPA 608			
Total coliform	No./100mL	ND	ND	ND	ND	ND	ND	23 (2)		SM 9222B		1	1
Total cyanide	ug/L	ND	ND	DNQ Est. Conc. 2.65	ND	ND	DNQ Est. Conc. 2.65	7.0	4.7	SM 4500 CN E	5	1.00	5.00
Total dissolved solids	mg/L	846	743	808	740	791	846			SM 2540C		5.4 - 9.0	50.0 - 83.3
Total hardness (CaCO3)	mg/L	278	264	253	253	263	278			EPA 200.8/SM 2340C			0.05 - 10
Total Kjeldahl Nitrogen (TKN)	mg/L	2.14	4.28	2.46	1.55	2.43	4.28			EPA 351.2		0.135 - 0.270	0.200 - 0.400
Total nitrogen	mg/L	7.97	12.3	9.04	6.52	9.06	12.3			Tot. Nitrogen Calculation			0.200
Total phosphorus	mg/L	0.152	0.140	0.183	0.113	0.307	2.08			EPA 365.1		0.001 - 0.002	0.030 - 0.060
Total residual chlorine	mg/L	ND	ND	ND	ND	ND	ND	0.1		SM 4500 Cl C		0.05	0.05
Total suspended solids	mg/L	ND	ND	ND	ND	ND	ND	45	15	SM 2540D		2.5	2.5
Total trihalomethanes	ug/L				16.6	19.2	21.8			EPA 624			0.50
Toxaphene	ug/L				ND	ND	ND			EPA 608	0.5	0.04 - 0.08	0.5
Toxic equivalence	pg/L				ND	ND	ND			EPA 1613B			
trans-1,2-Dichloroethene	ug/L				ND	ND	ND			EPA 624	1	0.16 - 0.26	0.50
Trichloroethene	ug/L				ND	ND	ND			EPA 624	2	0.28 - 0.32	0.50
Tritium	pCi/L	ND			ND	146	298			EPA 906.0		434	434
Turbidity (flow proportioned avg daily value)	NTU	0.69	0.78	0.77	0.56	0.68	0.78	2		SM 2130B		0.12	0.12
Uranium	pCi/L	0.779			0.071	0.42	0.779			EPA 908.0		0.300	0.300
Vinyl chloride	ug/L				ND	ND	ND			EPA 624	2	0.12 - 0.26	0.50
Zinc	ug/L	43.6			38.5	39.9	43.6			EPA 200.8	1	0.22	1.00

(1) Dry-weather effluent limit for this parameter will apply when the maximum daily flow in the San Gabriel River is less than 260 cfs as measured at USGS flow gauging station 11087020, located at Reach 3 above the Whittier Narrows Dam.
(2) The number of total coliform bacteria may not exceed 23/100 mL in one sample within any 30 day period.

Palmdale WRP Influent Monitoring

Palmdale Water Reclamation Plant
2014 Influent Monitoring Results

Parameter	Units	January	February	March	April	May	June	July	August	September
1,1-Dichloroethane	ug/L	ND								
1,1-Dichloroethene	ug/L	ND								
1,1,1-Trichloroethane	ug/L	ND								
1,1,2-Trichloroethane	ug/L	ND								
1,1,2,2-Tetrachloroethane	ug/L	ND								
1,2-Dichlorobenzene	ug/L	ND								
1,2-Dichloroethane	ug/L	ND								
1,2-Dichloropropane	ug/L	ND								
1,2-Diphenylhydrazine	ug/L	ND								
1,2,4-Trichlorobenzene	ug/L	ND								
1,3-Dichlorobenzene	ug/L	ND								
1,3-Dichloropropene (Total)	ug/L	ND								
1,4-Dichlorobenzene	ug/L	ND								
2-Chloroethyl vinyl ether (mixed)	ug/L	ND								
2-Chloronaphthalene	ug/L	ND								
2-Chlorophenol	ug/L	ND								
2-Methyl-4,6-dinitrophenol	ug/L	ND								
2-Nitrophenol	ug/L	ND								
2,4-Dichlorophenol	ug/L	ND								
2,4-Dimethylphenol	ug/L	ND								
2,4-Dinitrophenol	ug/L	ND								
2,4-Dinitrotoluene	ug/L	ND								
2,4,6-Trichlorophenol	ug/L	ND								
2,6-Dinitrotoluene	ug/L	ND								
3-Methyl-4-chlorophenol	ug/L	ND								
3,3'-Dichlorobenzidine	ug/L	ND								
4-Bromophenyl phenyl ether	ug/L	ND								
4-Chlorophenyl phenyl ether	ug/L	ND								
4-Nitrophenol	ug/L	ND								
4,4'-DDD	ug/L	ND								
4,4'-DDE	ug/L	ND								
4,4'-DDT	ug/L	ND								
Acenaphthene	ug/L	ND								
Acenaphthylene	ug/L	ND								
Acrolein	ug/L	ND								
Acrylonitrile	ug/L	ND								
Aldrin	ug/L	ND								
alpha-Endosulfan	ug/L	ND								
alpha-Hexachlorocyclohexane (BHC)	ug/L	ND								
Ammonia as nitrogen	mg/L	42.8	47.1	41.8	45.2	55.5	41.1	41.4	41.7	37.5
Anthracene	ug/L	ND								
Antimony	ug/L	0.55								
Arsenic	ug/L	1.52								
Benzene	ug/L	ND								
Benzidine	ug/L	ND								
Benzo(a)anthracene	ug/L	ND								
Benzo(a)pyrene	ug/L	ND								
Benzo(b)fluoranthene	ug/L	ND								
Benzo(g,h,i)perylene	ug/L	ND								
Benzo(k)fluoranthene	ug/L	ND								
Beryllium	ug/L	ND								
beta-Endosulfan	ug/L	ND								
beta-Hexachlorocyclohexane	ug/L	ND								
bis(2-Chloroethoxy) methane	ug/L	ND								
bis(2-Chloroethyl) ether	ug/L	ND								
bis(2-Chloroisopropyl) ether	ug/L	ND								
bis(2-Ethylhexyl) phthalate	ug/L	ND								
Bromodichloromethane	ug/L	ND								
Bromoform	ug/L	ND								
Butyl benzyl phthalate	ug/L	ND								
Cadmium	ug/L	ND								
Carbon tetrachloride	ug/L	ND								
Chlordane	ug/L	ND								
Chlorobenzene	ug/L	ND								
Chlorodibromomethane	ug/L	ND								
Chloroethane	ug/L	ND								

Palmdale Water Reclamation Plant
2014 Influent Monitoring Results

Parameter	Units	October	November	December	Monthly Average			Method	ML	MDL	RL
					Minimum	Average	Maximum				
1,1-Dichloroethane	ug/L				ND	ND	ND	EPA 624	1	0.20	0.50
1,1-Dichloroethene	ug/L				ND	ND	ND	EPA 624	2	0.32	0.50
1,1,1-Trichloroethane	ug/L				ND	ND	ND	EPA 624	2	0.21	0.50
1,1,2-Trichloroethane	ug/L				ND	ND	ND	EPA 624	2	0.09	0.50
1,1,2,2-Tetrachloroethane	ug/L				ND	ND	ND	EPA 624	1	0.11	0.50
1,2-Dichlorobenzene	ug/L				ND	ND	ND	EPA 624	2	0.07	0.50
1,2-Dichloroethane	ug/L				ND	ND	ND	EPA 624	2	0.11	0.50
1,2-Dichloropropane	ug/L				ND	ND	ND	EPA 624	1	0.18	0.50
1,2-Diphenylhydrazine	ug/L				ND	ND	ND	EPA 625	1	1.3	10.0
1,2,4-Trichlorobenzene	ug/L				ND	ND	ND	EPA 625	5	1.7	50.0
1,3-Dichlorobenzene	ug/L				ND	ND	ND	EPA 624	2	0.08	0.50
1,3-Dichloropropene (Total)	ug/L				ND	ND	ND	EPA 624	2		0.50
1,4-Dichlorobenzene	ug/L				ND	ND	ND	EPA 624	2	0.16	0.50
2-Chloroethyl vinyl ether (mixed)	ug/L				ND	ND	ND	EPA 624	1	0.12	0.50
2-Chloronaphthalene	ug/L				ND	ND	ND	EPA 625	10	1.6	100
2-Chlorophenol	ug/L				ND	ND	ND	EPA 625	5	1.5	50.0
2-Methyl-4,6-dinitrophenol	ug/L				ND	ND	ND	EPA 625	5	13.1	50.0
2-Nitrophenol	ug/L				ND	ND	ND	EPA 625	10	2.0	100
2,4-Dichlorophenol	ug/L				ND	ND	ND	EPA 625	5	1.5	50.0
2,4-Dimethylphenol	ug/L				ND	ND	ND	EPA 625	2	1.1	20.0
2,4-Dinitrophenol	ug/L				ND	ND	ND	EPA 625	5	17.3	50.0
2,4-Dinitrotoluene	ug/L				ND	ND	ND	EPA 625	5	2.0	50.0
2,4,6-Trichlorophenol	ug/L				ND	ND	ND	EPA 625	10	1.2	100
2,6-Dinitrotoluene	ug/L				ND	ND	ND	EPA 625	5	2.2	50.0
3-Methyl-4-chlorophenol	ug/L				ND	ND	ND	EPA 625	1	1.3	10.0
3,3'-Dichlorobenzidine	ug/L				ND	ND	ND	EPA 625	5	11.6	50.0
4-Bromophenyl phenyl ether	ug/L				ND	ND	ND	EPA 625	5	2.1	50.0
4-Chlorophenyl phenyl ether	ug/L				ND	ND	ND	EPA 625	5	1.7	50.0
4-Nitrophenol	ug/L				ND	ND	ND	EPA 625	10	13.7	100
4,4'-DDD	ug/L				ND	ND	ND	EPA 608	0.05	0.002	0.01
4,4'-DDE	ug/L				ND	ND	ND	EPA 608	0.05	0.002	0.01
4,4'-DDT	ug/L				ND	ND	ND	EPA 608	0.01	0.001	0.01
Acenaphthene	ug/L				ND	ND	ND	EPA 625	1	1.5	10.0
Acenaphthylene	ug/L				ND	ND	ND	EPA 625	10	1.4	100
Acrolein	ug/L				ND	ND	ND	EPA 624		1.3	2.0
Acrylonitrile	ug/L				ND	ND	ND	EPA 624		0.20	2.0
Aldrin	ug/L				ND	ND	ND	EPA 608	0.005	0.002	0.005
alpha-Endosulfan	ug/L				ND	ND	ND	EPA 608	0.02	0.001	0.01
alpha-Hexachlorocyclohexane (BHC)	ug/L				ND	ND	ND	EPA 608	0.01	0.001	0.01
Ammonia as nitrogen	mg/L	41.4	43.8	48.9	37.5	44.0	55.5	SM 4500 NH3 G		0.600 - 1.00	3.00 - 5.00
Anthracene	ug/L				ND	ND	ND	EPA 625	10	1.8	100
Antimony	ug/L				0.55	0.55	0.55	EPA 200.8	0.5	0.13	0.50
Arsenic	ug/L				1.52	1.52	1.52	EPA 200.8	2	0.16	1.00
Benzene	ug/L				ND	ND	ND	EPA 624	2	0.15	0.50
Benzidine	ug/L				ND	ND	ND	EPA 625	5	16.7	50.0
Benzo(a)anthracene	ug/L				ND	ND	ND	EPA 625	5	1.9	50.0
Benzo(a)pyrene	ug/L				ND	ND	ND	EPA 625	10	1.5	100
Benzo(b)fluoranthene	ug/L				ND	ND	ND	EPA 625	10	1.3	100
Benzo(g,h,i)perylene	ug/L				ND	ND	ND	EPA 625	5	1.9	50.0
Benzo(k)fluoranthene	ug/L				ND	ND	ND	EPA 625	10	2.3	100
Beryllium	ug/L				ND	ND	ND	EPA 200.8	0.5	0.040	0.25
beta-Endosulfan	ug/L				ND	ND	ND	EPA 608	0.01	0.003	0.01
beta-Hexachlorocyclohexane	ug/L				ND	ND	ND	EPA 608	0.005	0.003	0.005
bis(2-Chloroethoxy) methane	ug/L				ND	ND	ND	EPA 625	5	1.3	50.0
bis(2-Chloroethyl) ether	ug/L				ND	ND	ND	EPA 625	1	1.9	10.0
bis(2-Chloroisopropyl) ether	ug/L				ND	ND	ND	EPA 625	2	1.6	20.0
bis(2-Ethylhexyl) phthalate	ug/L				ND	ND	ND	EPA 625	5	2.5	20.0
Bromodichloromethane	ug/L		0.59		ND	0.30	0.59	EPA 624	2	0.17	0.50
Bromoform	ug/L		1.7		ND	0.85	1.7	EPA 624	2	0.17	0.50
Butyl benzyl phthalate	ug/L				ND	ND	ND	EPA 625	10	1.6	100
Cadmium	ug/L				ND	ND	ND	EPA 200.8	0.25	0.040	0.20
Carbon tetrachloride	ug/L				ND	ND	ND	EPA 624	2	0.28	0.50
Chlordane	ug/L				ND	ND	ND	EPA 608	0.1	0.03	0.05
Chlorobenzene	ug/L				ND	ND	ND	EPA 624	2	0.11	0.50
Chlorodibromomethane	ug/L		1.3		ND	0.65	1.3	EPA 624	2	0.14	0.50
Chloroethane	ug/L				ND	ND	ND	EPA 624	2	0.18	0.50

Palmdale Water Reclamation Plant
2014 Influent Monitoring Results

Parameter	Units	January	February	March	April	May	June	July	August	September
Chloroform	ug/L	0.93								
Chromium, total	ug/L	6.54								
Chrysene	ug/L	ND								
Copper	ug/L	42.0								
delta-Hexachlorocyclohexane	ug/L	ND								
Di-n-butyl phthalate	ug/L	ND								
Di-n-octyl phthalate	ug/L	ND								
Dibenzo(a,h)anthracene	ug/L	ND								
Dieldrin	ug/L	ND								
Diesel range organics	ug/L	3100			7900					9780
Diethyl phthalate	ug/L	ND								
Dimethyl phthalate	ug/L	ND								
Endosulfan sulfate	ug/L	ND								
Endrin aldehyde	ug/L	ND								
Endrin	ug/L	ND								
Ethylbenzene	ug/L	ND								
Fluoranthene	ug/L	ND								
Fluorene	ug/L	ND								
Gasoline range organics	ug/L	ND			ND					ND
Heptachlor epoxide	ug/L	ND								
Heptachlor	ug/L	ND								
Hexachlorobenzene	ug/L	ND								
Hexachlorobutadiene	ug/L	ND								
Hexachlorocyclopentadiene	ug/L	ND								
Hexachloroethane	ug/L	ND								
Indeno (1,2,3-cd) pyrene	ug/L	ND								
Isophorone	ug/L	ND								
Lead	ug/L	0.87								
Lindane (gamma-Hexachlorocyclohexane)	ug/L	ND								
Mercury	ug/L	0.12								
Methyl bromide (Bromomethane)	ug/L	ND								
Methyl chloride (Chloromethane)	ug/L	ND								
Methylene chloride	ug/L	ND								
n-Nitrosodi-n-propylamine	ug/L	ND								
n-Nitrosodimethylamine (NDMA)	ug/L	ND								
n-Nitrosodiphenylamine	ug/L	ND								
Naphthalene	ug/L	ND								
Nickel	ug/L	2.19								
Nitrate as nitrogen	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	ug/L	ND								
Pentachlorophenol	ug/L	ND								
Phenanthrene	ug/L	ND								
Phenols	ug/L	66								
Phenol	ug/L	23.8								
Pyrene	ug/L	ND								
Selenium	ug/L	1.12								
Silver	ug/L	0.25								
Tetrachloroethene	ug/L	ND								
Thallium	ug/L	ND								
Toluene	ug/L	0.56								
Total BOD5	mg/L	256	258	272	277	304	276	269	277	256
Total COD	mg/L	605	598	611	629	636	600	681	695	584
Total cyanide	ug/L	ND								
Total dissolved solids	mg/L	572						547		
Total Kjeldahl Nitrogen (TKN)	mg/L	57.5	61.0	53.5	64.0	67.0	60.0	67.0	44.8	49.6
Total trihalomethanes	ug/L	0.93								
Toxaphene	ug/L	ND								
trans-1,2-Dichloroethene	ug/L	ND								
Trichloroethene	ug/L	ND								
Vinyl chloride	ug/L	ND								
Zinc	ug/L	186								

Palmdale Water Reclamation Plant
2014 Influent Monitoring Results

Parameter	Units	October	November	December	Monthly Average			Method	ML	MDL	RL
					Minimum	Average	Maximum				
Chloroform	ug/L		0.93		0.93	0.93	0.93	EPA 624	2	0.18	0.50
Chromium, total	ug/L				6.54	6.54	6.54	EPA 200.8	0.5	0.07	0.50
Chrysene	ug/L				ND	ND	ND	EPA 625	10	1.7	100
Copper	ug/L				42.0	42.0	42.0	EPA 200.8	0.5	0.08	0.50
delta-Hexachlorocyclohexane	ug/L				ND	ND	ND	EPA 608	0.005	0.003	0.005
Di-n-butyl phthalate	ug/L				ND	ND	ND	EPA 625	10	1.6	100
Di-n-octyl phthalate	ug/L				ND	ND	ND	EPA 625	10	1.6	100
Dibenzo(a,h)anthracene	ug/L				ND	ND	ND	EPA 625	10	1.5	100
Dieldrin	ug/L				ND	ND	ND	EPA 608	0.01	0.001	0.01
Diesel range organics	ug/L		11600		3100	8095	11600	SW8015 Diesel/Oil Organics		47	50 - 2500
Diethyl phthalate	ug/L				ND	ND	ND	EPA 625	2	2.1	20.0
Dimethyl phthalate	ug/L				ND	ND	ND	EPA 625	2	1.9	20.0
Endosulfan sulfate	ug/L				ND	ND	ND	EPA 608	0.05	0.002	0.01
Endrin aldehyde	ug/L				ND	ND	ND	EPA 608	0.01	0.001	0.01
Endrin	ug/L				ND	ND	ND	EPA 608	0.01	0.002	0.01
Ethylbenzene	ug/L				ND	ND	ND	EPA 624	2	0.18	0.50
Fluoranthene	ug/L				ND	ND	ND	EPA 625	1	1.9	10.0
Fluorene	ug/L				ND	ND	ND	EPA 625	10	1.8	100
Gasoline range organics	ug/L		ND		ND	ND	ND	SW8015 Gas-Range Organics		16 - 48	50
Heptachlor epoxide	ug/L				ND	ND	ND	EPA 608	0.01	0.001	0.01
Heptachlor	ug/L				ND	ND	ND	EPA 608	0.01	0.001	0.01
Hexachlorobenzene	ug/L				ND	ND	ND	EPA 625	1	1.8	10.0
Hexachlorobutadiene	ug/L				ND	ND	ND	EPA 625	1	1.4	10.0
Hexachlorocyclopentadiene	ug/L				ND	ND	ND	EPA 625	5	7.5	50.0
Hexachloroethane	ug/L				ND	ND	ND	EPA 625	1	1.4	10.0
Indeno (1,2,3-cd) pyrene	ug/L				ND	ND	ND	EPA 625	10	1.4	100
Isophorone	ug/L				ND	ND	ND	EPA 625	1	1.3	10.0
Lead	ug/L				0.87	0.87	0.87	EPA 200.8	0.5	0.03	0.25
Lindane (gamma-Hexachlorocyclohexane)	ug/L				ND	ND	ND	EPA 608	0.02	0.001	0.01
Mercury	ug/L				0.12	0.12	0.12	EPA 245.1	0.5	0.010	0.04
Methyl bromide (Bromomethane)	ug/L				ND	ND	ND	EPA 624	2	0.33	0.50
Methyl chloride (Chloromethane)	ug/L				ND	ND	ND	EPA 624	2	0.19	0.50
Methylene chloride	ug/L				ND	ND	ND	EPA 624	2	0.18	0.50
n-Nitrosodi-n-propylamine	ug/L				ND	ND	ND	EPA 625	5	1.2	50.0
n-Nitrosodimethylamine (NDMA)	ug/L				ND	ND	ND	EPA 625	5	1.4	50.0
n-Nitrosodiphenylamine	ug/L				ND	ND	ND	EPA 625	1	1.5	10.0
Naphthalene	ug/L				ND	ND	ND	EPA 625	1	1.8	10.0
Nickel	ug/L				2.19	2.19	2.19	EPA 200.8	1	0.13	1.00
Nitrate as nitrogen	mg/L	ND	ND	ND	ND	ND	ND	SM 4500 NO3 F		0.030	0.200
Nitrobenzene	ug/L				ND	ND	ND	EPA 625	1	2.2	10.0
Pentachlorophenol	ug/L				ND	ND	ND	EPA 625	5	3.8	10.0
Phenanthrene	ug/L				ND	ND	ND	EPA 625	5	1.9	50.0
Phenols	ug/L				66	66	66	EPA 420.4		4.2	10
Phenol	ug/L				23.8	23.8	23.8	EPA 625	1	1.4	10.0
Pyrene	ug/L				ND	ND	ND	EPA 625	10	1.9	100
Selenium	ug/L				1.12	1.12	1.12	EPA 200.8	2	0.17	1.00
Silver	ug/L				0.25	0.25	0.25	EPA 200.8	0.25	0.03	0.20
Tetrachloroethene	ug/L				ND	ND	ND	EPA 624	2	0.18	0.50
Thallium	ug/L				ND	ND	ND	EPA 200.8	1	0.020	0.25
Toluene	ug/L				0.56	0.56	0.56	EPA 624	2	0.19	0.50
Total BOD5	mg/L	278	321	284	256	277	321	SM 5210B		0.4 - 0.6	85.7 - 120
Total COD	mg/L	734	993	679	584	670	993	SM 5220D (std)		8.5 - 17.0	25.0 - 50.0
Total cyanide	ug/L				ND	ND	ND	SM 4500 CN E	5	1.0	5.0
Total dissolved solids	mg/L				547	560	572	SM 2540C		2.7	25.0
Total Kjeldahl Nitrogen (TKN)	mg/L	55.2	60.0	63.2	44.8	58.6	67.0	EPA 351.2		3.38 - 27.0	5.00 - 40.0
Total trihalomethanes	ug/L		4.5		0.93	2.7	4.5	EPA 624			0.50
Toxaphene	ug/L				ND	ND	ND	EPA 608	0.5	0.04	0.5
trans-1,2-Dichloroethene	ug/L				ND	ND	ND	EPA 624	1	0.16	0.50
Trichloroethene	ug/L				ND	ND	ND	EPA 624	2	0.28	0.50
Vinyl chloride	ug/L				ND	ND	ND	EPA 624	2	0.26	0.50
Zinc	ug/L				186	186	186	EPA 200.8	1	0.22	1.00

Palmdale WRP Effluent Monitoring

Palmdale Water Reclamation Plant
2014 Tertiary Effluent Monitoring Results

Parameter	Units	January	February	March	April	May	June	July	August	September	October
1,1-Dichloroethane	ug/L	ND									
1,1-Dichloroethene	ug/L	ND									
1,1,1-Trichloroethane	ug/L	ND									
1,1,2-Trichloroethane	ug/L	ND									
1,1,2,2-Tetrachloroethane	ug/L	ND									
1,2-Dichlorobenzene	ug/L	ND									
1,2-Dichloroethane	ug/L	ND									
1,2-Dichloropropane	ug/L	ND									
1,2-Diphenylhydrazine	ug/L	ND									
1,2,4-Trichlorobenzene	ug/L	ND									
1,3-Dichlorobenzene	ug/L	ND									
1,3-Dichloropropene (Total)	ug/L	ND									
1,4-Dichlorobenzene	ug/L	ND									
2-Chloroethyl vinyl ether (mixed)	ug/L	ND									
2-Chloronaphthalene	ug/L	ND									
2-Chlorophenol	ug/L	ND									
2-Methyl-4,6-dinitrophenol	ug/L	ND									
2-Nitrophenol	ug/L	ND									
2,4-Dichlorophenol	ug/L	ND									
2,4-Dimethylphenol	ug/L	ND									
2,4-Dinitrophenol	ug/L	ND									
2,4-Dinitrotoluene	ug/L	ND									
2,4,6-Trichlorophenol	ug/L	DNQ Est. Conc. 0.29									
2,6-Dinitrotoluene	ug/L	ND									
3-Methyl-4-chlorophenol	ug/L	ND									
3,3'-Dichlorobenzidine	ug/L	ND									
4-Bromophenyl phenyl ether	ug/L	ND									
4-Chlorophenyl phenyl ether	ug/L	ND									
4-Nitrophenol	ug/L	ND									
4,4'-DDT	ug/L	ND									
4,4'-DDD	ug/L	ND									
4,4'-DDE	ug/L	ND									
Acenaphthene	ug/L	ND									
Acenaphthylene	ug/L	ND									
Acrolein	ug/L	ND									
Acrylonitrile	ug/L	ND									
Aldrin	ug/L	ND									
alpha-Endosulfan	ug/L	ND									
alpha-Hexachlorocyclohexane (BHC)	ug/L	ND									
Ammonia as nitrogen	mg/L	2.38	3.06	2.26	2.36	6.48	1.59	2.22	1.51	2.44	4.42
Anthracene	ug/L	ND									
Antimony	ug/L	DNQ Est. Conc. 0.35									
Arsenic	ug/L	DNQ Est. Conc. 0.68									
Benzene	ug/L	ND									
Benzidine	ug/L	ND									
Benzo(a)anthracene	ug/L	ND									
Benzo(a)pyrene	ug/L	ND									
Benzo(b)fluoranthene	ug/L	ND									
Benzo(g,h,i)perylene	ug/L	ND									
Benzo(k)fluoranthene	ug/L	ND									
Beryllium	ug/L	ND									
beta-Endosulfan	ug/L	ND									
beta-Hexachlorocyclohexane	ug/L	ND									
bis(2-Chloroethoxy) methane	ug/L	ND									
bis(2-Chloroethyl) ether	ug/L	ND									
bis(2-Chloroisopropyl) ether	ug/L	ND									
bis(2-Ethylhexyl) phthalate	ug/L	ND			DNQ Est. Conc. 0.46					ND	
BOD5, filtered	mg/L	ND	ND	ND	ND	ND	ND		ND	ND	ND
Bromodichloromethane	ug/L	1.4			DNQ Est. Conc. 0.42					0.62	
Bromoform	ug/L	ND			ND					ND	
Butyl benzyl phthalate	ug/L	ND									
Cadmium	ug/L	ND									
Calcium	mg/L	37.6			38.7					43.5	
Carbon tetrachloride	ug/L	ND									
Chemical oxygen demand (COD)	mg/L	ND	25.8	ND	ND	25.1	ND	ND	ND	27.9	ND
Chlordane	ug/L	ND									
Chloride	mg/L	113			130					160	
Chlorobenzene	ug/L	ND									
Chlorodibromomethane	ug/L	DNQ Est. Conc. 0.16			ND					ND	
Chloroethane	ug/L	ND									

Palmdale Water Reclamation Plant
2014 Tertiary Effluent Monitoring Results

Parameter	Units	November	December	Monthly Average			Limit		Method	ML	MDL	RL
				Minimum	Average	Maximum	Max Daily	Monthly Average				
1,1-Dichloroethane	ug/L	ND		ND	ND	ND			EPA 624	1	0.20	0.50
1,1-Dichloroethene	ug/L	ND		ND	ND	ND			EPA 624	2	0.24 - 0.32	0.50
1,1,1-Trichloroethane	ug/L	ND		ND	ND	ND			EPA 624	2	0.21	0.50
1,1,2-Trichloroethane	ug/L	ND		ND	ND	ND			EPA 624	2	0.09	0.50
1,1,2,2-Tetrachloroethane	ug/L	ND		ND	ND	ND			EPA 624	1	0.11	0.50
1,2-Dichlorobenzene	ug/L	ND		ND	ND	ND			EPA 624	2	0.07	0.50
1,2-Dichloroethane	ug/L	ND		ND	ND	ND			EPA 624	2	0.11	0.50
1,2-Dichloropropane	ug/L	ND		ND	ND	ND			EPA 624	1	0.18	0.50
1,2-Diphenylhydrazine	ug/L	ND		ND	ND	ND			EPA 625	1	0.13	1.0
1,2,4-Trichlorobenzene	ug/L	ND		ND	ND	ND			EPA 625	5	0.17	5.0
1,3-Dichlorobenzene	ug/L	ND		ND	ND	ND			EPA 624	2	0.08	0.50
1,3-Dichloropropene (Total)	ug/L	ND		ND	ND	ND			EPA 624	2		0.50
1,4-Dichlorobenzene	ug/L	ND		ND	ND	ND			EPA 624	2	0.16	0.50
2-Chloroethyl vinyl ether (mixed)	ug/L	ND		ND	ND	ND			EPA 624	1	0.12	0.50
2-Chloronaphthalene	ug/L	ND		ND	ND	ND			EPA 625	10	0.16	10.0
2-Chlorophenol	ug/L	ND		ND	ND	ND			EPA 625	5	0.15	5.0
2-Methyl-4,6-dinitrophenol	ug/L	ND		ND	ND	ND			EPA 625	5	1.3	5.0
2-Nitrophenol	ug/L	ND		ND	ND	ND			EPA 625	10	0.20	10.0
2,4-Dichlorophenol	ug/L	ND		ND	ND	ND			EPA 625	5	0.15	5.0
2,4-Dimethylphenol	ug/L	ND		ND	ND	ND			EPA 625	2	0.11	2.0
2,4-Dinitrophenol	ug/L	ND		ND	ND	ND			EPA 625	5	1.7	5.0
2,4-Dinitrotoluene	ug/L	ND		ND	ND	ND			EPA 625	5	0.20	5.0
2,4,6-Trichlorophenol	ug/L	ND		ND	ND	DNQ Est. Conc. 0.29			EPA 625	10	0.12	10.0
2,6-Dinitrotoluene	ug/L	ND		ND	ND	ND			EPA 625	5	0.22	5.0
3-Methyl-4-chlorophenol	ug/L	ND		ND	ND	ND			EPA 625	1	0.13	1.0
3,3'-Dichlorobenzidine	ug/L	ND		ND	ND	ND			EPA 625	5	1.2	5.0
4-Bromophenyl phenyl ether	ug/L	ND		ND	ND	ND			EPA 625	5	0.21	5.0
4-Chlorophenyl phenyl ether	ug/L	ND		ND	ND	ND			EPA 625	5	0.17	5.0
4-Nitrophenol	ug/L	ND		ND	ND	ND			EPA 625	10	1.4	10.0
4,4'-DDT	ug/L	ND		ND	ND	ND			EPA 608	0.01	0.001	0.01
4,4'-DDD	ug/L	ND		ND	ND	ND			EPA 608	0.05	0.002	0.01
4,4'-DDE	ug/L	ND		ND	ND	ND			EPA 608	0.05	0.002	0.01
Acenaphthene	ug/L	ND		ND	ND	ND			EPA 625	1	0.15	1.0
Acenaphthylene	ug/L	ND		ND	ND	ND			EPA 625	10	0.14	10.0
Acrolein	ug/L	ND		ND	ND	ND			EPA 624		1.3	2.0
Acrylonitrile	ug/L	ND		ND	ND	ND			EPA 624		0.20	2.0
Aldrin	ug/L	ND		ND	ND	ND			EPA 608	0.005	0.002	0.005
alpha-Endosulfan	ug/L	ND		ND	ND	ND			EPA 608	0.02	0.001	0.01
alpha-Hexachlorocyclohexane (BHC)	ug/L	ND		ND	ND	ND			EPA 608	0.01	0.001	0.01
Ammonia as nitrogen	mg/L	2.16	2.10	1.51	2.75	6.48			SM 4500 NH3 G		0.020 - 0.400	0.100 - 2.00
Anthracene	ug/L	ND		ND	ND	ND			EPA 625	10	0.18	10.0
Antimony	ug/L	DNQ Est. Conc. 0.40		DNQ Est. Conc. 0.35	ND	DNQ Est. Conc. 0.40			EPA 200.8	0.5	0.05 - 0.13	0.50
Arsenic	ug/L	DNQ Est. Conc. 0.45		DNQ Est. Conc. 0.45	ND	DNQ Est. Conc. 0.68			EPA 200.8	2	0.16	1.00
Benzene	ug/L	ND		ND	ND	ND			EPA 624	2	0.15	0.50
Benzidine	ug/L	ND		ND	ND	ND			EPA 625	5	1.7	5.0
Benzo(a)anthracene	ug/L	ND		ND	ND	ND			EPA 625	5	0.19	5.0
Benzo(a)pyrene	ug/L	ND		ND	ND	ND			EPA 610	10	0.007	0.020
Benzo(b)fluoranthene	ug/L	ND		ND	ND	ND			EPA 610	10	0.004	0.020
Benzo(g,h,i)perylene	ug/L	ND		ND	ND	ND			EPA 625	5	0.19	5.0
Benzo(k)fluoranthene	ug/L	ND		ND	ND	ND			EPA 610	10	0.005	0.020
Beryllium	ug/L	ND		ND	ND	ND			EPA 200.8	0.5	0.010 - 0.040	0.25
beta-Endosulfan	ug/L	ND		ND	ND	ND			EPA 608	0.01	0.003	0.01
beta-Hexachlorocyclohexane	ug/L	ND		ND	ND	ND			EPA 608	0.005	0.003	0.005
bis(2-Chloroethoxy) methane	ug/L	ND		ND	ND	ND			EPA 625	5	0.13	5.0
bis(2-Chloroethyl) ether	ug/L	ND		ND	ND	ND			EPA 625	1	0.19	1.0
bis(2-Chloroisopropyl) ether	ug/L	ND		ND	ND	ND			EPA 625	2	0.16	2.0
bis(2-Ethylhexyl) phthalate	ug/L	ND		ND	ND	DNQ Est. Conc. 0.46			EPA 625	5	0.25	2.0
BOD5, filtered	mg/L	ND	ND	ND	ND	ND	30	10	SM 5210B		0.4 - 0.6	3.0
Bromodichloromethane	ug/L	1.0		DNQ Est. Conc. 0.42	0.76	1.4			EPA 624	2	0.08 - 0.17	0.50
Bromoform	ug/L	ND		ND	ND	ND			EPA 624	2	0.13 - 0.17	0.50
Butyl benzyl phthalate	ug/L	ND		ND	ND	ND			EPA 625	10	0.16	10.0
Cadmium	ug/L	ND		ND	ND	ND			EPA 200.8	0.25	0.040 - 0.070	0.20
Calcium	mg/L	44.0		37.6	41.0	44.0			EPA 200.8		0.006 - 0.010	0.020
Carbon tetrachloride	ug/L	ND		ND	ND	ND			EPA 624	2	0.28	0.50
Chemical oxygen demand (COD)	mg/L	ND	ND	ND	6.57	27.9			SM 5220D (std)		8.5	25.0
Chlordane	ug/L	ND		ND	ND	ND			EPA 608	0.1	0.03	0.05
Chloride	mg/L	168		113	143	168			EPA 300.0		0.200 - 0.600	4.00 - 10.0
Chlorobenzene	ug/L	ND		ND	ND	ND			EPA 624	2	0.11	0.50
Chlorodibromomethane	ug/L	DNQ Est. Conc. 0.16		ND	ND	DNQ Est. Conc. 0.16			EPA 624	2	0.10 - 0.14	0.50
Chloroethane	ug/L	ND		ND	ND	ND			EPA 624	2	0.18	0.50

Palmdale Water Reclamation Plant
2014 Tertiary Effluent Monitoring Results

Parameter	Units	January	February	March	April	May	June	July	August	September	October
Chloroform	ug/L	10.2			3.6					3.7	
Chromium VI	ug/L	ND									
Chromium, total	ug/L	1.27									
Chrysene	ug/L	ND									
Copper	ug/L	2.14									
delta-Hexachlorocyclohexane	ug/L	ND									
Di-n-butyl phthalate	ug/L	ND									
Di-n-octyl phthalate	ug/L	ND									
Dibenzo(a,h)anthracene	ug/L	ND									
Dibromoacetic acid	ug/L	ND			ND					ND	
Dichloroacetic acid	ug/L	16			18					9.8	
Dieldrin	ug/L	ND									
Diesel range organics	ug/L	110			140					201	
Diethyl phthalate	ug/L	ND									
Dimethyl phthalate	ug/L	ND									
Dissolved oxygen	mg/L	7.7	7.6	7.3	7.3	6.8	7.1	6.8	6.7	6.6	6.7
Endosulfan sulfate	ug/L	ND									
Endrin aldehyde	ug/L	ND									
Endrin	ug/L	ND									
Ethylbenzene	ug/L	ND									
Fluoranthene	ug/L	ND									
Fluorene	ug/L	ND									
Gasoline range organics	ug/L	ND			ND					ND	
Heptachlor epoxide	ug/L	ND									
Heptachlor	ug/L	ND									
Hexachlorobenzene	ug/L	ND									
Hexachlorobutadiene	ug/L	ND									
Hexachlorocyclopentadiene	ug/L	ND									
Hexachloroethane	ug/L	ND									
Indeno (1,2,3-cd) pyrene	ug/L	ND									
Isophorone	ug/L	ND									
Lead	ug/L	DNQ Est. Conc. 0.07									
Lindane (gamma-Hexachlorocyclohexane)	ug/L	ND									
Magnesium	mg/L	6.5			6.9					11.4	
Mercury	ug/L				0.00086						
Methyl bromide (Bromomethane)	ug/L	ND									
Methyl chloride (Chloromethane)	ug/L	ND									
Methyl tert-butyl ether (MTBE)	ug/L	ND									
Methylene chloride	ug/L	ND									
Monobromoacetic acid	ug/L	3.6			1.9					ND	
Monochloroacetic acid	ug/L	2.7			2.0					ND	
n-Nitrosodi-n-propylamine	ug/L	ND									
n-Nitrosodimethylamine (NDMA)	ug/L	1.6			3.2					0.68	
n-Nitrosodiphenylamine	ug/L	ND									
Naphthalene	ug/L	ND									
Nickel	ug/L	DNQ Est. Conc. 0.74									
Nitrate as nitrogen	mg/L	2.26	2.06	2.18	3.12	2.96	2.93	3.08	3.00	1.90	2.21
Nitrite as nitrogen	mg/L	0.069	0.075	0.050	0.066	0.146	0.081	0.059	0.032	0.085	0.052
Nitrobenzene	ug/L	ND									
Pentachlorophenol	ug/L	ND									
Phenanthrene	ug/L	ND									
Phenols	ug/L	12									
Phenol	ug/L	DNQ Est. Conc. 0.17									
pH	SU	7.1	7.3	7.2	7.3	7.0	7.3	7.4	7.5	7.4	7.2
Pyrene	ug/L	ND									
Selenium	ug/L	DNQ Est. Conc. 0.30									
Silver	ug/L	ND									
Sodium	mg/L	120			125					138	
Sulfate	mg/L	77.0			77.6					94.2	
Surfactant (MBAS)	mg/L	ND			ND			ND			ND
Temperature	°C	19.3	20.5	21.1	21.8	23.1	24.6	26.5	27.9	27.6	24.9
Tetrachloroethene	ug/L	ND									
Thallium	ug/L	ND									
Toluene	ug/L	ND									
Total coliform	MPN/100mL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total cyanide	ug/L		ND						DNQ Est. Conc. 2.0		
Total dissolved solids	mg/L	518			456			534			548
Total haloacetic acids	ug/L	33			27					13	
Total Kjeldahl Nitrogen (TKN)	mg/L	3.52	4.17	2.96	3.86	6.65	3.96	3.00	1.99	3.96	3.33
Total organic carbon	mg/L	5.45			5.39					4.68	

Palmdale Water Reclamation Plant
2014 Tertiary Effluent Monitoring Results

Parameter	Units	November	December	Monthly Average			Limit		Method	ML	MDL	RL
				Minimum	Average	Maximum	Max Daily	Monthly Average				
Chloroform	ug/L	5.1		3.6	5.7	10.2			EPA 624	2	0.12 - 0.18	0.50
Chromium VI	ug/L	ND		ND	ND	ND			EPA 218.6 (Dissolved)		0.01	0.05
Chromium, total	ug/L	0.53		0.53	0.90	1.27			EPA 200.8	0.5	0.04 - 0.07	0.50
Chrysene	ug/L	ND		ND	ND	ND			EPA 610	10	0.005	0.020
Copper	ug/L	1.76		1.76	1.95	2.14			EPA 200.8	0.5	0.04 - 0.08	0.50
delta-Hexachlorocyclohexane	ug/L	ND		ND	ND	ND			EPA 608	0.005	0.003	0.005
Di-n-butyl phthalate	ug/L	ND		ND	ND	ND			EPA 625	10	0.16	10.0
Di-n-octyl phthalate	ug/L	ND		ND	ND	ND			EPA 625	10	0.16	10.0
Dibenzo(a,h)anthracene	ug/L	ND		ND	ND	ND			EPA 610	10	0.004	0.020
Dibromoacetic acid	ug/L	1.1		ND	0.28	1.1			EPA 552.2		0.099 - 0.10	0.99 - 1.0
Dichloroacetic acid	ug/L	11		9.8	14	18			EPA 552.2		0.49 - 0.99	0.99 - 2.0
Dieldrin	ug/L	ND		ND	ND	ND			EPA 608	0.01	0.001	0.01
Diesel range organics	ug/L	ND		ND	113	201			SW8015 Diesel/Oil Organics		33 - 47	50 - 100
Diethyl phthalate	ug/L	ND		ND	ND	ND			EPA 625	2	0.21	2.0
Dimethyl phthalate	ug/L	ND		ND	ND	ND			EPA 625	2	0.19	2.0
Dissolved oxygen	mg/L	7.2	7.5	6.6	7.1	7.7	≥ 1.0		SM 4500 O G		0.1	1.0
Endosulfan sulfate	ug/L	ND		ND	ND	ND			EPA 608	0.05	0.002	0.01
Endrin aldehyde	ug/L	ND		ND	ND	ND			EPA 608	0.01	0.001	0.01
Endrin	ug/L	ND		ND	ND	ND			EPA 608	0.01	0.002	0.01
Ethylbenzene	ug/L	ND		ND	ND	ND			EPA 624	2	0.18	0.50
Fluoranthene	ug/L	ND		ND	ND	ND			EPA 625	1	0.19	1.0
Fluorene	ug/L	ND		ND	ND	ND			EPA 625	10	0.18	10.0
Gasoline range organics	ug/L	ND		ND	ND	ND			SW8015 Gas-Range Organics		16 - 48	50
Heptachlor epoxide	ug/L	ND		ND	ND	ND			EPA 608	0.01	0.001	0.01
Heptachlor	ug/L	ND		ND	ND	ND			EPA 608	0.01	0.001	0.01
Hexachlorobenzene	ug/L	ND		ND	ND	ND			EPA 625	1	0.18	1.0
Hexachlorobutadiene	ug/L	ND		ND	ND	ND			EPA 625	1	0.14	1.0
Hexachlorocyclopentadiene	ug/L	ND		ND	ND	ND			EPA 625	5	0.75	5.0
Hexachloroethane	ug/L	ND		ND	ND	ND			EPA 625	1	0.14	1.0
Indeno (1,2,3-cd) pyrene	ug/L	ND		ND	ND	ND			EPA 610	10	0.004	0.020
Isophorone	ug/L	ND		ND	ND	ND			EPA 625	1	0.13	1.0
Lead	ug/L	DNQ Est. Conc. 0.04		DNQ Est. Conc. 0.04	ND	DNQ Est. Conc. 0.07			EPA 200.8	0.5	0.03	0.25
Lindane (gamma-Hexachlorocyclohexane)	ug/L	ND		ND	ND	ND			EPA 608	0.02	0.001	0.01
Magnesium	mg/L	10.6		6.5	8.9	11.4			EPA 200.8		0.002	0.020
Mercury	ug/L		0.00031	0.00031	0.00059	0.00086			EPA 1631	0.5	0.00011	0.00020
Methyl bromide (Bromomethane)	ug/L	ND		ND	ND	ND			EPA 624	2	0.33	0.50
Methyl chloride (Chloromethane)	ug/L	ND		ND	ND	ND			EPA 624	2	0.19	0.50
Methyl tert-butyl ether (MTBE)	ug/L	ND		ND	ND	ND			EPA 624		0.12	0.50
Methylene chloride	ug/L	ND		ND	ND	ND			EPA 624	2	0.18	0.50
Monobromoacetic acid	ug/L	3.0		ND	2.1	3.6			EPA 552.2		0.40	0.99 - 1.0
Monochloroacetic acid	ug/L	3.4		ND	2.0	3.4			EPA 552.2		0.49 - 0.50	2.0
n-Nitrosodi-n-propylamine	ug/L	ND		ND	ND	ND			EPA 625	5	0.12	5.0
n-Nitrosodimethylamine (NDMA)	ug/L	1.1		0.68	1.6	3.2			EPA 1625 (Modified)	5	0.0005	0.0020
n-Nitrosodiphenylamine	ug/L	ND		ND	ND	ND			EPA 625	1	0.15	1.0
Naphthalene	ug/L	ND		ND	ND	ND			EPA 625	1	0.18	1.0
Nickel	ug/L	1.24		DNQ Est. Conc. 0.74	0.62	1.24			EPA 200.8	1	0.10 - 0.13	1.00
Nitrate as nitrogen	mg/L	5.10	2.88	1.90	2.81	5.10			SM 4500 NO3 F		0.030	0.200
Nitrite as nitrogen	mg/L	0.050	0.062	0.032	0.069	0.146			SM 4500 NO3 F		0.003	0.030
Nitrobenzene	ug/L	ND		ND	ND	ND			EPA 625	1	0.22	1.0
Pentachlorophenol	ug/L	ND		ND	ND	ND			EPA 625	5	0.38	1.0
Phenanthrene	ug/L	ND		ND	ND	ND			EPA 625	5	0.19	5.0
Phenols	ug/L	DNQ Est. Conc. 2		DNQ Est. Conc. 2	6	12			EPA 420.1 & EPA 420.4		2 - 4.2	6 - 10
Phenol	ug/L	ND		ND	ND	DNQ Est. Conc. 0.17			EPA 625	1	0.14	1.0
pH	SU	7.3	7.2	7.0	7.3	7.5			SM 4500 H+ B		1.00	1.00 - 4.00
Pyrene	ug/L	ND		ND	ND	ND			EPA 625	10	0.19	10.0
Selenium	ug/L	DNQ Est. Conc. 0.26		DNQ Est. Conc. 0.26	ND	DNQ Est. Conc. 0.30			EPA 200.8	2	0.04 - 0.17	1.00
Silver	ug/L	ND		ND	ND	ND			EPA 200.8	0.25	0.03	0.20
Sodium	mg/L	151		120	134	151			EPA 200.8		0.060 - 0.42	1.0 - 4.0
Sulfate	mg/L	95.2		77.0	86.0	95.2			EPA 300.0		0.120 - 0.735	1.00 - 2.50
Surfactant (MBAS)	mg/L			ND	ND	ND	2	1	SM 5540C		0.03	0.10
Temperature	°C	22.4	20.3	19.3	23.3	27.9			EPA 170.1 (oC)			
Tetrachloroethene	ug/L	ND		ND	ND	ND			EPA 624	2	0.18	0.50
Thallium	ug/L	ND		ND	ND	ND			EPA 200.8	1	0.020	0.25
Toluene	ug/L	ND		ND	ND	ND			EPA 624	2	0.19	0.50
Total coliform	MPN/100mL	ND	ND	ND	ND	ND	23/240		SM 9222B		1	1
Total cyanide	ug/L			ND	ND	DNQ Est. Conc. 2.0			SM 4500 CN E	5	1.0	5.0
Total dissolved solids	mg/L			456	514	548			SM 2540C		2.7	25.0
Total haloacetic acids	ug/L	24		13	24	33			EPA 552.2		1.0	1.0
Total Kjeldahl Nitrogen (TKN)	mg/L	2.34	3.64	1.99	3.62	6.65			EPA 351.2		0.135 - 0.675	0.200 - 1.00
Total organic carbon	mg/L	4.86		4.68	5.10	5.45			SM 5310C		0.24	2.50

Palmdale Water Reclamation Plant
2014 Tertiary Effluent Monitoring Results

Parameter	Units	January	February	March	April	May	June	July	August	September	October
Total trihalomethanes	ug/L	11.6			3.6					4.3	
Toxaphene	ug/L	ND									
trans-1,2-Dichloroethene	ug/L	ND									
Trichloroacetic acid	ug/L	11			5.0					3.5	
Trichloroethene	ug/L	ND									
Vinyl chloride	ug/L	ND									
Zinc	ug/L	68.3									

Palmdale Water Reclamation Plant
2014 Tertiary Effluent Monitoring Results

Parameter	Units	November	December	Monthly Average			Limit		Method	ML	MDL	RL
				Minimum	Average	Maximum	Max Daily	Monthly Average				
Total trihalomethanes	ug/L	6.1		3.6	6.4	11.6			EPA 624			0.50
Toxaphene	ug/L	ND		ND	ND	ND			EPA 608	0.5	0.04	0.5
trans-1,2-Dichloroethene	ug/L	ND		ND	ND	ND			EPA 624	1	0.16	0.50
Trichloroacetic acid	ug/L	5.7		3.5	6.3	11			EPA 552.2		0.099 - 0.10	0.99 - 1.0
Trichloroethene	ug/L	ND		ND	ND	ND			EPA 624	2	0.28	0.50
Vinyl chloride	ug/L	ND		ND	ND	ND			EPA 624	2	0.26	0.50
Zinc	ug/L	82.5		68.3	75.4	82.5			EPA 200.8	1	0.22 - 0.44	1.00

Palmdale WRP Biosolids Monitoring

COUNTY SANITATION DISTRICTS
OF LOS ANGELES COUNTY

1955 Workman Mill Road, Whittier, CA 90601-1400
Mailing Address: P.O. Box 4998, Whittier, CA 90607-4998
Telephone: (562) 699-7411, FAX: (562) 699-5422
www.lacsd.org

GRACE ROBINSON HYDE
Chief Engineer and General Manager

February 19, 2015
File No. 20-04.01.00

Ms. Lauren Fondahl
U.S. EPA - Region 9
75 Hawthorne Street
San Francisco, CA 94105-3901

Dear Ms. Fondahl,

Annual Biosolids Monitoring Report
Palmdale Water Reclamation Plant, WDID No. 6B190107069

Enclosed is the Annual Monitoring Report for 2014 as required under 40 CFR Part 503.

I certify, under penalty of law, that the Class B pathogen reduction requirements in 503.32(b)(3) and the vector attraction reduction requirements in 503.33(b)(1) have been met. These determinations have been made under my direction and supervision in accordance with the system designed to ensure that qualified personnel properly gather and evaluate the information used to determine that the pathogen requirements and vector attraction reduction requirements have been met. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment.

Should you have any questions or require additional information please feel free to contact me at (562) 908-4288, extension 2824, or by email at mfischer@lacsd.org.

Very truly yours,
Grace Robinson Hyde

Melissa Fischer
Supervising Engineer
Monitoring Section

MF:TF:MC:GS:lmb
Enclosures

cc: Kouyoumdjian - Lahontan RWQCB

3232740

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
PALMDALE WATER RECLAMATION PLANT

2014 ANNUAL BIOSOLIDS MONITORING REPORT

GENERAL INFORMATION

Operator:	County Sanitation District No. 20 of Los Angeles County
Contact:	Melissa Fischer
Address:	1955 Workman Mill Road, P.O. Box 4998, Whittier, CA 90607
Telephone:	(562) 908-4288, extension 2824
Ownership Status:	Publicly Owned Treatment Works

FACILITY INFORMATION

Name:	Palmdale Water Reclamation Plant
Location:	39300 30th Street East, Palmdale, CA 93550
Telephone:	(661) 947-6053
WDID Number:	6B190107069
Capacity/Influent Flow:	12.0 / 9.2 MGD

BIOSOLIDS INFORMATION

Treatment: Primary sludge and thickened waste activated sludge are anaerobically digested at an average temperature of 98 degrees Fahrenheit and detention time of 44 days. Volatile solids destruction averaged 60% and digested biosolids were dewatered to approximately 20.9% total solids via scroll centrifuge. Dewatered biosolids were further dried in concrete drying beds prior to being transported for reuse.

Quantity Generated: Approximately 7,612 wet tons = 1,591 dry tons = 1,443 dry metric tons.
This includes approximately 2,300 wet tons sequestered from 2013.
There were no digester cleanings generated for the year.

Quantity Composted: Approximately 7,612 wet tons were composted by Nursery Products, LLC.

Monitoring/Frequency: Monthly average digester performance for Class B time/temperature criteria and VSD (using daily temperatures and weekly volatile solids percentages).
Bi-Monthly composite samples for Table 1/Table 3 metals.

Sample Type: Digested biosolids prior to dewatering.

Quality: Class B pathogen reduction requirements of 503.32(b)(3) were met for the entire year via Process to Significantly Reduce Pathogens (PSRP) criteria (time/temperature) for anaerobic digestion.

Vector Attraction Reduction requirements were met per 503.33(b)(1) for biosolids produced in 2014. Approximately 2,300 wet tons of sequestered biosolids from 2013 were sent to Nursery Products, LLC. in 2014 for VAR compliance via composting.

Results for the reporting period are shown on page 3. Data are presented in Attachment A.

PALMDALE WATER RECLAMATION PLANT

2014 DIGESTER PERFORMANCE			
Month	Temperature (degrees F)	Detention Time (days)	VSD (%)
Jan	98	40	67
Feb	98	40	63
Mar	98	44	65
Apr	98	44	68
May	98	45	59
Jun	98	46	63
Jul	98	44	52
Aug	98	45	52
Sep	98	45	62
Oct	98	45	56
Nov	98	42	54
Dec	98	50	58
Mean	98	44	60
Min	98	40	52

Individual digester performance data are presented in Attachment A

2014 BIOSOLIDS - TABLE 1/TABLE 3 METALS CONCENTRATIONS											
mg/kg Dry Weight											
	Sample No.	Date	As	Cd	Cu	Pb	Hg	Mo	Ni	Se	Zn
Jan	14010800224	1/7/2014	2.76	0.79	473	6.56	1.29	8.72	21.1	4.87	1,940
Mar	14030400446	3/4/2014	3.69	0.93	434	6.96	0.82	11.2	31.2	6.42	1,620
May	14050700127	5/6/2014	4.73	0.93	402	7.30	1.18	10.9	27.3	6.50	1,270
Jul	14070200037	7/1/2014	5.42	1.1	583	8.7	1.03	12.9	28	7.48	1,910
Sep	14090300187	9/2/2014	4.32	2.4	527	8.03	1.07	12.6	23.3	6.86	2,030
Nov	14110500091	11/4/2014	4.41	3.1	658	12.7	2.25	15.2	33.1	7.31	2,290
MEAN			**4.22**	**1.5**	**513**	**8.4**	**1.27**	**11.9**	**27**	**6.57**	**1,840**
MAX			**5.42**	**3.1**	**658**	**12.7**	**2.25**	**15.2**	**33.1**	**7.48**	**2,290**
TABLE 1 LIMITS			**75**	**85**	**4,300**	**840**	**57**	**75**	**420**	**100**	**7,500**
TABLE 3 LIMITS			**41**	**39**	**1,500**	**300**	**17**	****	**420**	**100**	**2,800**

MANAGEMENT PRACTICES

Composting

Contract Company:	**Nursery Products, LLC**
Contact:	Mr. Jeff Meberg
Address:	647 Camino de los Mares #108-174 San Clemente, CA 92673
Telephone:	(714) 287-7654
Site Location:	Nursery Products Hawes Composting Facility 14479 Cougar Road, Helendale, CA 92342
Site Contact:	Chris Seney
Telephone:	(760) 272-1224
Reuse Process:	Bulk Land Application of Material Derived via Composting
CA Permits:	Cal Recycle/LEA Solid Waste Facility Permit #36-AA-0445, August 31, 2007 Lahontan Regional Water Quality Control Board WDR Permit #R6V-2010-0010, March 10, 2010 San Bernardino County Conditional Use Permit - #P200500644CU1, December 3, 2009
Contract Commenced:	February 20, 2014
Operations Commenced:	June 1, 2012
Biosolids Quantity:	7,612 wet tons = 1,591 dry tons = 1,443 dry metric tons

ATTACHMENT A

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
PALMDALE WATER RECLAMATION PLANT

Metals
Nutrients
Digester Performance

2014 BIOSOLIDS ANALYSIS
Palmdale Water Reclamation Plant
mg/kg Dry Weight (or as indicated)

Sample No.	Date	% TS	As	Cd	Cr	Cu	Pb	Hg	Mo	Ni	Se	Zn
14010800224	1/7/2014	22.8	2.76	0.79	50.4	473	6.56	1.29	8.72	21.1	4.87	1,940
14030400446	3/4/2014	21.0	3.69	0.93	64.2	434	6.96	0.82	11.2	31.2	6.42	1,620
14050700127	5/6/2014	20.5	4.73	0.93	72.0	402	7.30	1.18	10.9	27.3	6.50	1,270
14070200037	7/1/2014	19.9	5.42	1.1	72.6	583	8.7	1.03	12.9	28	7.48	1,910
14090300187	9/2/2014	20.9	4.32	2.4	63.6	527	8.03	1.07	12.6	23.3	6.86	2,030
14110500091	11/4/2014	20.1	4.41	3.1	76.0	658	12.7	2.25	15.2	33.1	7.31	2,290
MEAN		**20.9**	**4.22**	**1.5**	**66.5**	**513**	**8.4**	**1.27**	**11.9**	**27**	**6.57**	**1,840**
MAX			**5.42**	**3.1**	**76.0**	**658**	**12.7**	**2.25**	**15.2**	**33.1**	**7.48**	**2,290**
TABLE 1 LIMITS		****	**75**	**85**	****	**4,300**	**840**	**57**	**75**	**420**	**100**	**7,500**
TABLE 3 LIMITS		****	**41**	**39**	****	**1,500**	**300**	**17**	****	**420**	**100**	**2,800**

Sample No.	Date	% TS	Amm-N	Org-N	NO_3-N	NO_2-N	PO_4	K
14010800224	1/7/2014	22.8	4,880	56,300	< 8.76	2.76	75,800	805
14030400446	3/4/2014	21.0	4,690	70,400	< 9.52	8.31	73,600	1,060
14050700127	5/6/2014	20.5	5,720	61,300	15.0	6.71	79,600	1,370
14070200037	7/1/2014	19.9	6,700	65,500	12.8	4.39	88,200	1,450
14090300187	9/2/2014	20.9	5,720	58,900	< 9.68	2.79	78,000	1,120
14110500091	11/4/2014	20.1	3,190	74,800	13.3	6.50	49,400	1,280
MEAN		**20.9**	**5,150**	**64,500**	**13.7**	**5.24**	**74,100**	**1,181**
MAX			**6,700**	**74,800**	**15.0**	**8.31**	**88,200**	**1,450**

\ = No Limit
- = No Sample
Statistics use detected values only.

PALMDALE WATER RECLAMATION PLANT
2014 Digester Performance Summary

		HDT (days)	Temperature (degrees F)	VSD (%)			HDT (days)	Temperature (degrees F)	VSD (%)
Jan	Dig 3	41	98	70	Jul	Dig 3	46	98	59
	Dig 4	45	98	65		Dig 4	54	98	49
	Dig 5	39	98	66		Dig 5	41	98	48
	Dig 7	34	98	67		Dig 7	36	98	51
	Avg	**40**	**98**	**67**		**Avg**	**44**	**98**	**52**
Feb	Dig 3	41	98	67	Aug	Dig 3	49	98	62
	Dig 4	45	98	60		Dig 4	49	98	48
	Dig 5	40	98	61		Dig 5	43	98	49
	Dig 7	34	98	62		Dig 7	40	98	48
	Avg	**40**	**98**	**63**		**Avg**	**45**	**98**	**52**
Mar	Dig 3	45	98	70	Sep	Dig 3	50	98	70
	Dig 4	52	98	61		Dig 4	46	98	60
	Dig 5	43	98	63		Dig 5	40	98	60
	Dig 7	37	98	65		Dig 7	45	98	59
	Avg	**44**	**98**	**65**		**Avg**	**45**	**98**	**62**
Apr	Dig 3	45	98	74	Oct	Dig 3	46	98	64
	Dig 4	52	98	63		Dig 4	44	98	57
	Dig 5	43	98	64		Dig 5	41	98	53
	Dig 7	38	98	69		Dig 7	50	98	49
	Avg	**44**	**98**	**68**		**Avg**	**45**	**98**	**56**
May	Dig 3	47	98	65	Nov	Dig 3	46	98	58
	Dig 4	51	98	53		Dig 4	45	98	59
	Dig 5	45	98	54		Dig 5	38	98	51
	Dig 7	39	98	62		Dig 7	40	98	48
	Avg	**45**	**98**	**59**		**Avg**	**42**	**98**	**54**
Jun	Dig 3	47	98	69	Dec	Dig 3	51	98	62
	Dig 4	51	98	59		Dig 4	50	98	59
	Dig 5	46	98	59		Dig 5	43	98	58
	Dig 7	39	98	64		Dig 7	56	98	54
	Avg	**46**	**98**	**63**		**Avg**	**50**	**98**	**58**

HDT = Hydraulic Detention Time
VSD = Volatile Solids Destruction

Pomona WRP Influent Monitoring

Pomona Water Reclamation Plant
2014 INF-001 Monitoring Results

Parameter	Units	January	February	March	April	May	June	July	August	September	October
1,1-Dichloroethane	ug/L						ND				
1,1-Dichloroethylene	ug/L						ND				
1,1,1-Trichloroethane	ug/L						ND				
1,1,2-Trichloroethane	ug/L						ND				
1,1,2,2-Tetrachloroethane	ug/L						ND				
1,2-Dichlorobenzene	ug/L						ND				
1,2-Dichloroethane	ug/L						ND				
1,2-Dichloropropane	ug/L						ND				
1,2-Diphenylhydrazine	ug/L						ND				
1,2-trans-Dichloroethylene	ug/L						ND				
1,2,4-Trichlorobenzene	ug/L						ND				
1,3-Dichlorobenzene	ug/L						ND				
1,3-Dichloropropene (Total)	ug/L						ND				
1,4-Dichlorobenzene	ug/L						DNQ Est. Conc. 0.21				
2-Chloroethylvinyl ether	ug/L						ND				
2-Chloronaphthalene	ug/L						ND				
2-Chlorophenol	ug/L						ND				
2-Methyl-4,6-dinitrophenol	ug/L						ND				
2-Nitrophenol	ug/L						ND				
2,3,7,8-TCDD	pg/L						ND				
2,4-Dichlorophenol	ug/L						ND				
2,4-Dimethylphenol	ug/L						ND				
2,4-Dinitrophenol	ug/L						ND				
2,4-Dinitrotoluene	ug/L						ND				
2,4,6-Trichlorophenol	ug/L						ND				
2,6-Dinitrotoluene	ug/L						ND				
3-Methyl-4-chlorophenol	ug/L						ND				
3,3'-Dichlorobenzidine	ug/L						ND				
4-Bromophenyl phenyl ether	ug/L						ND				
4-Chlorophenyl phenyl ether	ug/L						ND				
4-Nitrophenol	ug/L						ND				
4,4-DDD	ug/L						ND				
4,4-DDE	ug/L						ND				
4,4-DDT	ug/L						ND				
Acenaphthene	ug/L						ND				
Acenaphthylene	ug/L						ND				
Acrolein	ug/L						ND				
Acrylonitrile	ug/L						ND				
Aldrin	ug/L						ND				
alpha-BHC	ug/L						ND				
alpha-Endosulfan	ug/L						ND				
Ammonia nitrogen	mg/L	36.0	37.1	36.0	34.5	34.2	34.1	34.6	36.8	38.4	35.6
Anthracene	ug/L						ND				
Antimony	ug/L						0.61				
Aroclor 1016	ug/L						ND				
Aroclor 1221	ug/L						ND				
Aroclor 1232	ug/L						ND				
Aroclor 1242	ug/L						ND				
Aroclor 1248	ug/L						ND				
Aroclor 1254	ug/L						ND				
Aroclor 1260	ug/L						ND				
Arsenic	ug/L						1.70				
Benzene	ug/L						ND				
Benzidine	ug/L						ND				
Benzo(a)anthracene	ug/L						ND				
Benzo(a)pyrene	ug/L						ND				
Benzo(b)fluoranthene	ug/L						ND				
Benzo(g,h,i)perylene	ug/L						ND				
Benzo(k)fluoranthene	ug/L						ND				
Beryllium	ug/L						ND				

Pomona Water Reclamation Plant
2014 INF-001 Monitoring Results

Parameter	Units	November	December	Monthly Average			Method	ML	MDL	RL
				Minimum	Average	Maximum				
1,1-Dichloroethane	ug/L		ND	ND	ND	ND	EPA 624	1	0.20	0.50
1,1-Dichloroethylene	ug/L		ND	ND	ND	ND	EPA 624	2	0.24 - 0.32	0.50
1,1,1-Trichloroethane	ug/L		ND	ND	ND	ND	EPA 624	2	0.21 - 0.27	0.50
1,1,2-Trichloroethane	ug/L		ND	ND	ND	ND	EPA 624	2	0.07 - 0.09	0.50
1,1,2,2-Tetrachloroethane	ug/L		ND	ND	ND	ND	EPA 624	1	0.11	0.50
1,2-Dichlorobenzene	ug/L		ND	ND	ND	ND	EPA 624	2	0.07 - 0.12	0.50
1,2-Dichloroethane	ug/L		ND	ND	ND	ND	EPA 624	2	0.08 - 0.11	0.50
1,2-Dichloropropane	ug/L		ND	ND	ND	ND	EPA 624	1	0.12 - 0.18	0.50
1,2-Diphenylhydrazine	ug/L		ND	ND	ND	ND	EPA 625	1	1.3	10.0
1,2-trans-Dichloroethylene	ug/L		ND	ND	ND	ND	EPA 624	1	0.16 - 0.25	0.50
1,2,4-Trichlorobenzene	ug/L		ND	ND	ND	ND	EPA 625	5	1.7	50.0
1,3-Dichlorobenzene	ug/L		ND	ND	ND	ND	EPA 624	2	0.08 - 0.13	0.50
1,3-Dichloropropene (Total)	ug/L		ND	ND	ND	ND	EPA 624	2		0.50
1,4-Dichlorobenzene	ug/L		ND	ND	ND	DNQ Est. Conc. 0.21	EPA 624	2	0.15 - 0.16	0.50
2-Chloroethylvinyl ether	ug/L		ND	ND	ND	ND	EPA 624	1	0.10 - 0.12	0.50
2-Chloronaphthalene	ug/L		ND	ND	ND	ND	EPA 625	10	1.6	100
2-Chlorophenol	ug/L		ND	ND	ND	ND	EPA 625	5	1.5	50.0
2-Methyl-4,6-dinitrophenol	ug/L		ND	ND	ND	ND	EPA 625	5	13.1	50.0
2-Nitrophenol	ug/L		ND	ND	ND	ND	EPA 625	10	2.0	100
2,3,7,8-TCDD	pg/L		ND	ND	ND	ND	EPA 1613B		0.87 - 1.3	11 - 12
2,4-Dichlorophenol	ug/L		ND	ND	ND	ND	EPA 625	5	1.5	50.0
2,4-Dimethylphenol	ug/L		ND	ND	ND	ND	EPA 625	2	1.1	20.0
2,4-Dinitrophenol	ug/L		ND	ND	ND	ND	EPA 625	5	17.3	50.0
2,4-Dinitrotoluene	ug/L		ND	ND	ND	ND	EPA 625	5	2.0	50.0
2,4,6-Trichlorophenol	ug/L		ND	ND	ND	ND	EPA 625	10	1.2	100
2,6-Dinitrotoluene	ug/L		ND	ND	ND	ND	EPA 625	5	2.2	50.0
3-Methyl-4-chlorophenol	ug/L		ND	ND	ND	ND	EPA 625	1	1.3	10.0
3,3'-Dichlorobenzidine	ug/L		ND	ND	ND	ND	EPA 625	5	11.6	50.0
4-Bromophenyl phenyl ether	ug/L		ND	ND	ND	ND	EPA 625	5	2.1	50.0
4-Chlorophenyl phenyl ether	ug/L		ND	ND	ND	ND	EPA 625	5	1.7	50.0
4-Nitrophenol	ug/L		ND	ND	ND	ND	EPA 625	10	13.7	100
4,4-DDD	ug/L		ND	ND	ND	ND	EPA 608	0.05	0.001 - 0.002	0.01
4,4-DDE	ug/L		ND	ND	ND	ND	EPA 608	0.05	0.001 - 0.002	0.01
4,4-DDT	ug/L		ND	ND	ND	ND	EPA 608	0.01	0.001 - 0.003	0.01
Acenaphthene	ug/L		ND	ND	ND	ND	EPA 625	1	1.5	10.0
Acenaphthylene	ug/L		ND	ND	ND	ND	EPA 625	10	1.4	100
Acrolein	ug/L		ND	ND	ND	ND	EPA 624		0.47 - 1.3	2.0
Acrylonitrile	ug/L		ND	ND	ND	ND	EPA 624		0.14 - 0.20	2.0
Aldrin	ug/L		ND	ND	ND	ND	EPA 608	0.005	0.0009 - 0.002	0.005
alpha-BHC	ug/L		ND	ND	ND	ND	EPA 608	0.01	0.001 - 0.002	0.01
alpha-Endosulfan	ug/L		ND	ND	ND	ND	EPA 608	0.02	0.001	0.01
Ammonia nitrogen	mg/L	36.0	37.5	34.1	35.9	38.4	SM 4500 NH3 G		0.600 - 1.00	3.00 - 5.00
Anthracene	ug/L		ND	ND	ND	ND	EPA 625	10	1.8	100
Antimony	ug/L		0.63	0.61	0.62	0.63	EPA 200.8	0.5	0.05 - 0.13	0.50
Aroclor 1016	ug/L		ND	ND	ND	ND	EPA 608	0.5	0.02 - 0.04	0.1
Aroclor 1221	ug/L		ND	ND	ND	ND	EPA 608	0.5	0.2	0.5
Aroclor 1232	ug/L		ND	ND	ND	ND	EPA 608	0.5	0.09 - 0.2	0.3
Aroclor 1242	ug/L		ND	ND	ND	ND	EPA 608	0.5	0.02 - 0.08	0.1
Aroclor 1248	ug/L		ND	ND	ND	ND	EPA 608	0.5	0.02 - 0.04	0.1
Aroclor 1254	ug/L		ND	ND	ND	ND	EPA 608	0.5	0.01 - 0.03	0.05
Aroclor 1260	ug/L		ND	ND	ND	ND	EPA 608	0.5	0.01 - 0.05	0.1
Arsenic	ug/L		1.39	1.39	1.55	1.70	EPA 200.8	2	0.16	1.00
Benzene	ug/L		ND	ND	ND	ND	EPA 624	2	0.15 - 0.18	0.50
Benzidine	ug/L		ND	ND	ND	ND	EPA 625	5	16.7	50.0
Benzo(a)anthracene	ug/L		ND	ND	ND	ND	EPA 625	5	1.9	50.0
Benzo(a)pyrene	ug/L		ND	ND	ND	ND	EPA 625	10	1.5	100
Benzo(b)fluoranthene	ug/L		ND	ND	ND	ND	EPA 625	10	1.3	100
Benzo(g,h,i)perylene	ug/L		ND	ND	ND	ND	EPA 625	5	1.9	50.0
Benzo(k)fluoranthene	ug/L		ND	ND	ND	ND	EPA 625	10	2.3	100
Beryllium	ug/L		ND	ND	ND	ND	EPA 200.8	0.5	0.010 - 0.040	0.25

Pomona Water Reclamation Plant
2014 INF-001 Monitoring Results

Parameter	Units	January	February	March	April	May	June	July	August	September	October
beta-BHC	ug/L						ND				
beta-Endosulfan	ug/L						ND				
Bis(2-chloroethoxy)methane	ug/L						ND				
bis(2-Chloroethyl) ether	ug/L						ND				
bis(2-Chloroisopropyl) ether	ug/L						ND				
bis(2-Ethylhexyl) phthalate	ug/L						DNQ Est. Conc. 10.7				
BOD	mg/L	282	278	282	346	284	283	320	296	321	291
Boron	ug/L						220				
Bromodichloromethane	ug/L						DNQ Est. Conc. 0.37				
Bromoform	ug/L						DNQ Est. Conc. 0.48				
Butyl benzyl phthalate	ug/L						ND				
Cadmium	ug/L						DNQ Est. Conc. 0.099				
Carbon tetrachloride	ug/L						ND				
Chlorobenzene	ug/L						ND				
Chloroethane	ug/L						ND				
Chloroform	ug/L						4.1				
Chromium III	ug/L						6.06				
Chromium VI	ug/L						0.19				
Chrysene	ug/L						ND				
cis-1,3-Dichloropropene	ug/L						ND				
Copper	ug/L						33.2				
Cyanide	ug/L						DNQ Est. Conc. 1.17				
delta-BHC	ug/L						ND				
Di-n-butyl phthalate	ug/L						ND				
Di-n-octyl phthalate	ug/L						ND				
Dibenzo(a,h)anthracene	ug/L						ND				
Dibromochloromethane	ug/L						0.52				
Dieldrin	ug/L						ND				
Diethyl phthalate	ug/L						DNQ Est. Conc. 5.7				
Dimethyl phthalate	ug/L						ND				
Endosulfan sulfate	ug/L						ND				
Endrin aldehyde	ug/L						ND				
Endrin	ug/L						ND				
Ethylbenzene	ug/L						ND				
Fluoranthene	ug/L						ND				
Fluorene	ug/L						ND				
gamma-BHC	ug/L						ND				
Heptachlor epoxide	ug/L						ND				
Heptachlor	ug/L						ND				
Hexachlorobenzene	ug/L						ND				
Hexachlorobutadiene	ug/L						ND				
Hexachlorocyclopentadiene	ug/L						ND				
Hexachloroethane	ug/L						ND				
Indeno (1,2,3-cd) pyrene	ug/L						ND				
Isophorone	ug/L						ND				
Lead	ug/L						2.59				
Mercury	ug/L						0.08				
Methyl bromide (Bromomethane)	ug/L						ND				
Methyl chloride (Chloromethane)	ug/L						ND				
Methylene chloride	ug/L						0.90				
N-Nitrosodi-n-propylamine	ug/L						ND				
n-Nitrosodimethylamine (NDMA)	ug/L						ND				
n-Nitrosodiphenylamine	ug/L						ND				
Naphthalene	ug/L						ND				
Nickel	ug/L						2.94				
Nitrobenzene	ug/L						ND				
Pentachlorophenol	ug/L						ND				
Phenanthrene	ug/L						ND				
Phenol	ug/L						32.5				
pH	SU	7.8	7.9	7.8	7.8	7.7	7.7	7.6	7.7	7.8	7.9

Pomona Water Reclamation Plant
2014 INF-001 Monitoring Results

Parameter	Units	November	December	Monthly Average			Method	ML	MDL	RL
				Minimum	Average	Maximum				
beta-BHC	ug/L		ND	ND	ND	ND	EPA 608	0.005	0.002 - 0.003	0.005
beta-Endosulfan	ug/L		ND	ND	ND	ND	EPA 608	0.01	0.001 - 0.003	0.01
Bis(2-chloroethoxy)methane	ug/L		ND	ND	ND	ND	EPA 625	5	1.3	50.0
bis(2-Chloroethyl) ether	ug/L		ND	ND	ND	ND	EPA 625	1	1.9	10.0
bis(2-Chloroisopropyl) ether	ug/L		ND	ND	ND	ND	EPA 625	2	1.6	20.0
bis(2-Ethylhexyl) phthalate	ug/L		DNQ Est. Conc. 11.6	DNQ Est. Conc. 10.7	ND	DNQ Est. Conc. 11.6	EPA 625	5	2.5	20.0
BOD	mg/L	307	307	278	300	346	SM 5210B		0.6	85.7 - 120
Boron	ug/L		220	220	220	220	EPA 200.8		2 - 5	20
Bromodichloromethane	ug/L		0.50	DNQ Est. Conc. 0.37	0.25	0.50	EPA 624	2	0.11 - 0.17	0.50
Bromoform	ug/L		0.61	DNQ Est. Conc. 0.48	0.31	0.61	EPA 624	2	0.10 - 0.17	0.50
Butyl benzyl phthalate	ug/L		ND	ND	ND	ND	EPA 625	10	1.6	100
Cadmium	ug/L		0.37	DNQ Est. Conc. 0.099	0.19	0.37	EPA 200.8	0.25	0.040 - 0.070	0.20
Carbon tetrachloride	ug/L		ND	ND	ND	ND	EPA 624	2	0.21 - 0.28	0.50
Chlorobenzene	ug/L		ND	ND	ND	ND	EPA 624	2	0.11 - 0.14	0.50
Chloroethane	ug/L		ND	ND	ND	ND	EPA 624	2	0.18 - 0.33	0.50
Chloroform	ug/L		6.0	4.1	5.1	6.0	EPA 624	2	0.18 - 0.19	0.50
Chromium III	ug/L		4.56	4.56	5.31	6.06	EPA 200.8			0.50
Chromium VI	ug/L		0.22	0.19	0.21	0.22	EPA 218.6 (Dissolved)		0.01 - 0.02	0.05
Chrysene	ug/L		ND	ND	ND	ND	EPA 625	10	1.7	100
cis-1,3-Dichloropropene	ug/L		ND	ND	ND	ND	EPA 624		0.05 - 0.07	0.50
Copper	ug/L		32.3	32.3	32.8	33.2	EPA 200.8	0.5	0.04 - 0.08	0.50
Cyanide	ug/L		ND	ND	ND	DNQ Est. Conc. 1.17	SM 4500 CN E	5	1.00	5.00
delta-BHC	ug/L		ND	ND	ND	ND	EPA 608	0.005	0.003 - 0.004	0.005
Di-n-butyl phthalate	ug/L		ND	ND	ND	ND	EPA 625	10	1.6	100
Di-n-octyl phthalate	ug/L		ND	ND	ND	ND	EPA 625	10	1.6	100
Dibenzo(a,h)anthracene	ug/L		ND	ND	ND	ND	EPA 625	10	1.5	100
Dibromochloromethane	ug/L		0.64	0.52	0.58	0.64	EPA 624	2	0.06 - 0.14	0.50
Dieldrin	ug/L		ND	ND	ND	ND	EPA 608	0.01	0.001	0.01
Diethyl phthalate	ug/L		DNQ Est. Conc. 5.2	DNQ Est. Conc. 5.2	ND	DNQ Est. Conc. 5.7	EPA 625	2	2.1	20.0
Dimethyl phthalate	ug/L		ND	ND	ND	ND	EPA 625	2	1.9	20.0
Endosulfan sulfate	ug/L		ND	ND	ND	ND	EPA 608	0.05	0.002 - 0.009	0.01
Endrin aldehyde	ug/L		ND	ND	ND	ND	EPA 608	0.01	0.001 - 0.002	0.01
Endrin	ug/L		ND	ND	ND	ND	EPA 608	0.01	0.001 - 0.002	0.01
Ethylbenzene	ug/L		ND	ND	ND	ND	EPA 624	2	0.18 - 0.19	0.50
Fluoranthene	ug/L		ND	ND	ND	ND	EPA 625	1	1.9	10.0
Fluorene	ug/L		ND	ND	ND	ND	EPA 625	10	1.8	100
gamma-BHC	ug/L		ND	ND	ND	ND	EPA 608	0.02	0.0009 - 0.001	0.01
Heptachlor epoxide	ug/L		ND	ND	ND	ND	EPA 608	0.01	0.001	0.01
Heptachlor	ug/L		ND	ND	ND	ND	EPA 608	0.01	0.0008 - 0.001	0.01
Hexachlorobenzene	ug/L		ND	ND	ND	ND	EPA 625	1	1.8	10.0
Hexachlorobutadiene	ug/L		ND	ND	ND	ND	EPA 625	1	1.4	10.0
Hexachlorocyclopentadiene	ug/L		ND	ND	ND	ND	EPA 625	5	7.5	50.0
Hexachloroethane	ug/L		ND	ND	ND	ND	EPA 625	1	1.4	10.0
Indeno (1,2,3-cd) pyrene	ug/L		ND	ND	ND	ND	EPA 625	10	1.4	100
Isophorone	ug/L		ND	ND	ND	ND	EPA 625	1	1.3	10.0
Lead	ug/L		1.14	1.14	1.87	2.59	EPA 200.8	0.5	0.03	0.25
Mercury	ug/L		0.05	0.05	0.07	0.08	EPA 245.1	0.5	0.010	0.04
Methyl bromide (Bromomethane)	ug/L		ND	ND	ND	ND	EPA 624	2	0.33 - 0.34	0.50
Methyl chloride (Chloromethane)	ug/L		ND	ND	ND	ND	EPA 624	2	0.19 - 0.36	0.50
Methylene chloride	ug/L		2.1	0.90	1.5	2.1	EPA 624	2	0.09 - 0.18	0.50
N-Nitrosodi-n-propylamine	ug/L		ND	ND	ND	ND	EPA 625	5	1.2	50.0
n-Nitrosodimethylamine (NDMA)	ug/L		ND	ND	ND	ND	EPA 625	5	1.4	50.0
n-Nitrosodiphenylamine	ug/L		ND	ND	ND	ND	EPA 625	1	1.5	10.0
Naphthalene	ug/L		ND	ND	ND	ND	EPA 625	1	1.8	10.0
Nickel	ug/L		3.52	2.94	3.23	3.52	EPA 200.8	1	0.10 - 0.13	1.00
Nitrobenzene	ug/L		ND	ND	ND	ND	EPA 625	1	2.2	10.0
Pentachlorophenol	ug/L		ND	ND	ND	ND	EPA 625	5	3.8	10.0
Phenanthrene	ug/L		ND	ND	ND	ND	EPA 625	5	1.9	50.0
Phenol	ug/L		23.8	23.8	28.2	32.5	EPA 625	1	1.4	10.0
pH	SU	8.0	8.0	7.6	7.8	8.0	SM 4500 H+ B		1.00	1.00 - 4.00

Pomona Water Reclamation Plant
2014 INF-001 Monitoring Results

Parameter	Units	January	February	March	April	May	June	July	August	September	October
Pyrene	ug/L						ND				
Selenium	ug/L						1.03				
Silver	ug/L						0.33				
Technical chlordane	ug/L						ND				
Tetrachloroethylene	ug/L						0.54				
Thallium	ug/L						ND				
Toluene	ug/L						0.96				
Total chromium	ug/L						6.24				
Total Suspended Solids	mg/L	293	282	291	298	312	341	361	315	319	309
Total trihalomethanes	ug/L						4.6				
Toxaphene	ug/L						ND				
trans-1,3-Dichloropropene	ug/L						ND				
Trichloroethylene	ug/L						ND				
Vinyl chloride	ug/L						ND				
Zinc	ug/L						92.4				

Pomona Water Reclamation Plant
2014 INF-001 Monitoring Results

Parameter	Units	November	December	Monthly Average			Method	ML	MDL	RL
				Minimum	Average	Maximum				
Pyrene	ug/L		ND	ND	ND	ND	EPA 625	10	1.9	100
Selenium	ug/L		DNQ Est. Conc. 0.86	DNQ Est. Conc. 0.86	0.52	1.03	EPA 200.8	2	0.04 - 0.17	1.00
Silver	ug/L		DNQ Est. Conc. 0.14	DNQ Est. Conc. 0.14	0.17	0.33	EPA 200.8	0.25	0.03	0.20
Technical chlordane	ug/L		ND	ND	ND	ND	EPA 608	0.1	0.01 - 0.03	0.05
Tetrachloroethylene	ug/L		1.7	0.54	1.1	1.7	EPA 624	2	0.18 - 0.40	0.50
Thallium	ug/L		ND	ND	ND	ND	EPA 200.8	1	0.020	0.25
Toluene	ug/L		0.62	0.62	0.79	0.96	EPA 624	2	0.19	0.50
Total chromium	ug/L		4.78	4.78	5.51	6.24	EPA 200.8	0.5	0.04 - 0.07	0.50
Total Suspended Solids	mg/L	296	313	282	311	361	SM 2540D		50.0 - 100	50.0 - 100
Total trihalomethanes	ug/L		7.8	4.6	6.2	7.8	EPA 624			0.50
Toxaphene	ug/L		ND	ND	ND	ND	EPA 608	0.5	0.04 - 0.08	0.5
trans-1,3-Dichloropropene	ug/L		ND	ND	ND	ND	EPA 624		0.10 - 0.17	0.50
Trichloroethylene	ug/L		ND	ND	ND	ND	EPA 624	2	0.20 - 0.28	0.50
Vinyl chloride	ug/L		ND	ND	ND	ND	EPA 624	2	0.26 - 0.37	0.50
Zinc	ug/L		84.4	84.4	88.4	92.4	EPA 200.8	1	0.22 - 0.44	1.00

Pomona WRP Effluent Monitoring

Pomona Water Reclamation Plant
2014 EFF-001 Monitoring Results

Parameter	Units	January	February	March	April	May	June	July	August	September	October
1,1-Dichloroethane	ug/L		ND		ND		ND		ND		ND
1,1-Dichloroethylene	ug/L		ND		ND		ND		ND		ND
1,1,1-Trichloroethane	ug/L		ND		ND		ND		ND		ND
1,1,2-Trichloroethane	ug/L		ND		ND		ND		ND		ND
1,1,2,2-Tetrachloroethane	ug/L		ND		ND		ND		ND		ND
1,2-Dichlorobenzene	ug/L		ND		ND		ND		ND		ND
1,2-Dichloroethane	ug/L		ND		ND		ND		ND		ND
1,2-Dichloropropane	ug/L		ND		ND		ND		ND		ND
1,2-Diphenylhydrazine	ug/L						ND				
1,2-trans-Dichloroethylene	ug/L		ND		ND		ND		ND		ND
1,2,3-Trichloropropane	ug/L						DNQ Est. Conc. 0.0013				
1,2,3,4,6,7,8-HeptaCDD	pg/L						DNQ Est. Conc. 5.8				
1,2,3,4,6,7,8-HeptaCDF	pg/L						DNQ Est. Conc. 3.6				
1,2,3,4,7,8-HexaCDD	pg/L						DNQ Est. Conc. 2.4				
1,2,3,4,7,8-HexaCDF	pg/L						DNQ Est. Conc. 3.1				
1,2,3,4,7,8,9-HeptaCDF	pg/L						DNQ Est. Conc. 3.5				
1,2,3,6,7,8-HexaCDD	pg/L						DNQ Est. Conc. 3.8				
1,2,3,6,7,8-HexaCDF	pg/L						DNQ Est. Conc. 2.8				
1,2,3,7,8-PentaCDD	pg/L						DNQ Est. Conc. 4.0				
1,2,3,7,8-PentaCDF	pg/L						DNQ Est. Conc. 2.9				
1,2,3,7,8,9-HexaCDD	pg/L						DNQ Est. Conc. 4.2				
1,2,3,7,8,9-HexaCDF	pg/L						DNQ Est. Conc. 3.5				
1,2,4-Trichlorobenzene	ug/L		ND		ND		ND		ND		ND
1,3-Dichlorobenzene	ug/L		ND		ND		ND		ND		ND
1,3-Dichloropropene (Total)	ug/L		ND		ND		ND		ND		ND
1,4-Dichlorobenzene	ug/L		ND		ND		ND		ND		ND
1,4-Dioxane	ug/L						1.3				
2-Chloroethylvinyl ether	ug/L		ND		ND		ND		ND		ND
2-Chloronaphthalene	ug/L						ND				
2-Chlorophenol	ug/L						ND				
2-Methyl-4,6-dinitrophenol	ug/L						ND				
2-Nitrophenol	ug/L						ND				
2,3,4,6,7,8-HexaCDF	pg/L						DNQ Est. Conc. 3.7				
2,3,4,7,8-PentaCDF	pg/L						DNQ Est. Conc. 2.8				
2,3,7,8-TCDD	pg/L						DNQ Est. Conc. 1.3				
2,3,7,8-TetraCDF	pg/L						DNQ Est. Conc. 0.93				
2,4-Dichlorophenol	ug/L						ND				
2,4-Dimethylphenol	ug/L						ND				
2,4-Dinitrophenol	ug/L						ND				
2,4-Dinitrotoluene	ug/L						ND				
2,4,6-Trichlorophenol	ug/L		DNQ Est. Conc. 0.18		DNQ Est. Conc. 0.27		DNQ Est. Conc. 0.33		DNQ Est. Conc. 0.20		DNQ Est. Conc. 0.15
2,6-Dinitrotoluene	ug/L						ND				
3-Methyl-4-chlorophenol	ug/L						ND				
3,3'-Dichlorobenzidine	ug/L						ND				
4-Bromophenyl phenyl ether	ug/L						ND				
4-Chlorophenyl phenyl ether	ug/L						ND				
4-Nitrophenol	ug/L						ND				
4,4-DDD	ug/L		ND		ND		ND		ND		ND
4,4-DDE	ug/L		ND		ND		ND		ND		ND
4,4-DDT	ug/L		ND		ND		ND		ND		ND
Acenaphthene	ug/L						ND				
Acenaphthylene	ug/L						ND				
Acrolein	ug/L						ND				
Acrylonitrile	ug/L						ND				
Aldrin	ug/L		ND		ND		ND		ND		ND
alpha-BHC	ug/L		ND		ND		ND		ND		ND
alpha-Endosulfan	ug/L						ND				
Ammonia nitrogen	mg/L	0.933	2.77	1.78	2.51	1.46	1.38	0.863	1.25	2.42	0.936
Anthracene	ug/L						ND				
Antimony	ug/L		DNQ Est. Conc. 0.32				0.54		DNQ Est. Conc. 0.39		

Pomona Water Reclamation Plant
2014 EFF-001 Monitoring Results

Parameter	Units	November	December	Monthly Average			Limit		Method	ML	MDL	RL
				Minimum	Average	Maximum	Max Daily	Monthly Average				
1,1-Dichloroethane	ug/L		ND	ND	ND	ND			EPA 624	1	0.07 - 0.20	0.50
1,1-Dichloroethylene	ug/L		ND	ND	ND	ND			EPA 624	2	0.13 - 0.32	0.50
1,1,1-Trichloroethane	ug/L		ND	ND	ND	ND			EPA 624	2	0.07 - 0.27	0.50
1,1,2-Trichloroethane	ug/L		ND	ND	ND	ND			EPA 624	2	0.07 - 0.14	0.50
1,1,2,2-Tetrachloroethane	ug/L		ND	ND	ND	ND			EPA 624	1	0.10 - 0.11	0.50
1,2-Dichlorobenzene	ug/L		ND	ND	ND	ND			EPA 624	2	0.07 - 0.16	0.50
1,2-Dichloroethane	ug/L		ND	ND	ND	ND			EPA 624	2	0.08 - 0.11	0.50
1,2-Dichloropropane	ug/L		ND	ND	ND	ND			EPA 624	1	0.09 - 0.18	0.50
1,2-Diphenylhydrazine	ug/L		ND	ND	ND	ND			EPA 625	1	0.13	1.0
1,2-trans-Dichloroethylene	ug/L		ND	ND	ND	ND			EPA 624	1	0.09 - 0.26	0.50
1,2,3-Trichloropropane	ug/L		ND	ND	ND	DNQ Est. Conc. 0.0013			EPA 524.2		0.0012	0.0050
1,2,3,4,6,7,8-HeptaCDD	pg/L		DNQ Est. Conc. 3.0	DNQ Est. Conc. 3.0	ND	DNQ Est. Conc. 5.8			EPA 1613B		0.97 - 1.1	52 - 58
1,2,3,4,6,7,8-HeptaCDF	pg/L		ND	ND	ND	DNQ Est. Conc. 3.6			EPA 1613B		0.62 - 0.70	52 - 58
1,2,3,4,7,8-HexaCDD	pg/L		DNQ Est. Conc. 1.6	DNQ Est. Conc. 1.6	ND	DNQ Est. Conc. 2.4			EPA 1613B		0.66 - 0.67	52 - 58
1,2,3,4,7,8-HexaCDF	pg/L		DNQ Est. Conc. 1.3	DNQ Est. Conc. 1.3	ND	DNQ Est. Conc. 3.1			EPA 1613B		0.53 - 0.68	52 - 58
1,2,3,4,7,8,9-HeptaCDF	pg/L		ND	ND	ND	DNQ Est. Conc. 3.5			EPA 1613B		0.96 - 1.1	52 - 58
1,2,3,6,7,8-HexaCDD	pg/L		DNQ Est. Conc. 1.1	DNQ Est. Conc. 1.1	ND	DNQ Est. Conc. 3.8			EPA 1613B		0.63	52 - 58
1,2,3,6,7,8-HexaCDF	pg/L		DNQ Est. Conc. 1.6	DNQ Est. Conc. 1.6	ND	DNQ Est. Conc. 2.8			EPA 1613B		0.50 - 0.65	52 - 58
1,2,3,7,8-PentaCDD	pg/L		ND	ND	ND	DNQ Est. Conc. 4.0			EPA 1613B		0.85 - 1.2	52 - 58
1,2,3,7,8-PentaCDF	pg/L		ND	ND	ND	DNQ Est. Conc. 2.9			EPA 1613B		0.53 - 0.73	52 - 58
1,2,3,7,8,9-HexaCDD	pg/L		DNQ Est. Conc. 1.7	DNQ Est. Conc. 1.7	ND	DNQ Est. Conc. 4.2			EPA 1613B		0.56	52 - 58
1,2,3,7,8,9-HexaCDF	pg/L		ND	ND	ND	DNQ Est. Conc. 3.5			EPA 1613B		0.66 - 0.83	52 - 58
1,2,4-Trichlorobenzene	ug/L		ND	ND	ND	ND			EPA 625	5	0.17	5.0
1,3-Dichlorobenzene	ug/L		ND	ND	ND	ND			EPA 624	2	0.08 - 0.13	0.50
1,3-Dichloropropene (Total)	ug/L		ND	ND	ND	ND			EPA 624	2		0.50
1,4-Dichlorobenzene	ug/L		ND	ND	ND	ND			EPA 624	2	0.07 - 0.16	0.50
1,4-Dioxane	ug/L		1.1	1.1	1.2	1.3			SW-846 8270MOD 1,4-Dioxane		0.09	0.40
2-Chloroethylvinyl ether	ug/L		ND	ND	ND	ND			EPA 624	1	0.10 - 0.23	0.50
2-Chloronaphthalene	ug/L		ND	ND	ND	ND			EPA 625	10	0.16	10.0
2-Chlorophenol	ug/L		ND	ND	ND	ND			EPA 625	5	0.15	5.0
2-Methyl-4,6-dinitrophenol	ug/L		ND	ND	ND	ND			EPA 625	5	1.3	5.0
2-Nitrophenol	ug/L		ND	ND	ND	ND			EPA 625	10	0.20	10.0
2,3,4,6,7,8-HexaCDF	pg/L		DNQ Est. Conc. 0.97	DNQ Est. Conc. 0.97	ND	DNQ Est. Conc. 3.7			EPA 1613B		0.51 - 0.63	52 - 58
2,3,4,7,8-PentaCDF	pg/L		ND	ND	ND	DNQ Est. Conc. 2.8			EPA 1613B		0.54 - 0.73	52 - 58
2,3,7,8-TCDD	pg/L		ND	ND	ND	DNQ Est. Conc. 1.3			EPA 1613B		0.72 - 0.75	10 - 12
2,3,7,8-TetraCDF	pg/L		ND	ND	ND	DNQ Est. Conc. 0.93			EPA 1613B		0.39 - 0.47	10 - 12
2,4-Dichlorophenol	ug/L		ND	ND	ND	ND			EPA 625	5	0.15	5.0
2,4-Dimethylphenol	ug/L		ND	ND	ND	ND			EPA 625	2	0.11	2.0
2,4-Dinitrophenol	ug/L		ND	ND	ND	ND			EPA 625	5	1.7	5.0
2,4-Dinitrotoluene	ug/L		ND	ND	ND	ND			EPA 625	5	0.20	5.0
2,4,6-Trichlorophenol	ug/L		DNQ Est. Conc. 0.22	DNQ Est. Conc. 0.15	ND	DNQ Est. Conc. 0.33			EPA 625	10	0.12	10.0
2,6-Dinitrotoluene	ug/L		ND	ND	ND	ND			EPA 625	5	0.22	5.0
3-Methyl-4-chlorophenol	ug/L		ND	ND	ND	ND			EPA 625	1	0.13	1.0
3,3'-Dichlorobenzidine	ug/L		ND	ND	ND	ND			EPA 625	5	1.2	5.0
4-Bromophenyl phenyl ether	ug/L		ND	ND	ND	ND			EPA 625	5	0.21	5.0
4-Chlorophenyl phenyl ether	ug/L		ND	ND	ND	ND			EPA 625	5	0.17	5.0
4-Nitrophenol	ug/L		ND	ND	ND	ND			EPA 625	10	1.4	10.0
4,4-DDD	ug/L		ND	ND	ND	ND			EPA 608	0.05	0.001 - 0.002	0.01
4,4-DDE	ug/L		ND	ND	ND	ND			EPA 608	0.05	0.001 - 0.002	0.01
4,4-DDT	ug/L		ND	ND	ND	ND			EPA 608	0.01	0.001 - 0.003	0.01
Acenaphthene	ug/L		ND	ND	ND	ND			EPA 625	1	0.15	1.0
Acenaphthylene	ug/L		ND	ND	ND	ND			EPA 625	10	0.14	10.0
Acrolein	ug/L		ND	ND	ND	ND			EPA 624		0.47 - 1.3	2.0
Acrylonitrile	ug/L		ND	ND	ND	ND			EPA 624		0.14 - 0.20	2.0
Aldrin	ug/L		ND	ND	ND	ND			EPA 608	0.005	0.0009 - 0.002	0.005
alpha-BHC	ug/L		ND	ND	ND	ND			EPA 608	0.01	0.001 - 0.002	0.01
alpha-Endosulfan	ug/L		ND	ND	ND	ND			EPA 608	0.02	0.001	0.01
Ammonia nitrogen	mg/L	2.92	0.989	0.863	1.75	2.92	4.6 (1) / 6.3 (2)	2.6 (1) / 3.6 (2)	SM 4500 NH3 G		0.02 - 0.100	0.100 - 0.500
Anthracene	ug/L		ND	ND	ND	ND			EPA 625	10	0.18	10.0
Antimony	ug/L		0.37	DNQ Est. Conc. 0.32	0.23	0.54			EPA 200.8	0.5	0.02 - 0.13	0.20 - 0.50

Pomona Water Reclamation Plant
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Parameter	Units	January	February	March	April	May	June	July	August	September	October
Aroclor 1016	ug/L		ND		ND		ND		ND		ND
Aroclor 1221	ug/L		ND		ND		ND		ND		ND
Aroclor 1232	ug/L		ND		ND		ND		ND		ND
Aroclor 1242	ug/L		ND		ND		ND		ND		ND
Aroclor 1248	ug/L		ND		ND		ND		ND		ND
Aroclor 1254	ug/L		ND		ND		ND		ND		ND
Aroclor 1260	ug/L		ND		ND		ND		ND		ND
Arsenic	ug/L		DNQ Est. Conc. 0.96				1.23		1.17		
Benzene	ug/L		ND		ND		ND		ND		ND
Benzidine	ug/L	ND		ND		ND	ND	ND		ND	
Benzo(a)anthracene	ug/L						ND				
Benzo(a)pyrene	ug/L						ND				
Benzo(b)fluoranthene	ug/L						ND				
Benzo(g,h,i)perylene	ug/L						ND				
Benzo(k)fluoranthene	ug/L						ND				
Beryllium	ug/L						ND				
beta-BHC	ug/L		ND		ND		ND		ND		ND
beta-Endosulfan	ug/L						ND				
Bis(2-chloroethoxy)methane	ug/L						ND				
bis(2-Chloroethyl) ether	ug/L						ND				
bis(2-Chloroisopropyl) ether	ug/L						ND				
bis(2-Ethylhexyl) phthalate	ug/L	ND	ND	DNQ Est. Conc. 0.33	DNQ Est. Conc. 0.52	ND	ND	ND	ND	ND	ND
BOD	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Boron	mg/L	0.21	0.25	0.25	0.25	0.27	0.25	0.24	0.27	0.30	0.30
Bromodichloromethane	ug/L	11.5	6.6	6.6	2.6	3.2	4.2	4.7	2.8	2.9	3.3
Bromoform	ug/L	0.77	ND	DNQ Est. Conc. 0.19	ND	ND	DNQ Est. Conc. 0.12	DNQ Est. Conc. 0.16	ND	ND	ND
Butyl benzyl phthalate	ug/L						ND				
Cadmium	ug/L		DNQ Est. Conc. 0.040				ND		ND		
Carbon tetrachloride	ug/L		ND		ND		ND		ND		ND
Chloride	mg/L	144	128	142	132	141	136	136	142	142	140
Chlorobenzene	ug/L		ND		ND		ND		ND		ND
Chloroethane	ug/L		ND		ND		ND		ND		ND
Chloroform	ug/L	10.1	18.9	11.6	8.1	10.4	15.4	13.5	10.5	10.1	11.9
Chlorpyrifos	ug/L						ND				
Chromium III	ug/L						1.04				
Chromium VI	ug/L		ND				0.05		DNQ Est. Conc. 0.03		
Chrysene	ug/L						ND				
cis-1,3-Dichloropropene	ug/L		ND		ND		ND		ND		ND
Copper	ug/L		3.98				4.46		3.55		
Cyanide	ug/L		DNQ Est. Conc. 1.0				DNQ Est. Conc. 1.4		DNQ Est. Conc. 2.0		
delta-BHC	ug/L		ND		ND		ND		ND		ND
Di-n-butyl phthalate	ug/L						ND				
Di-n-octyl phthalate	ug/L						ND				
Diazinon	ug/L						ND				
Dibenzo(a,h)anthracene	ug/L						ND				
Dibromochloromethane	ug/L	5.0	1.2	1.4	0.50	0.59	0.75	0.90	DNQ Est. Conc. 0.44	0.56	0.66
Dieldrin	ug/L		ND		ND		ND		ND		ND
Diethyl phthalate	ug/L						DNQ Est. Conc. 0.28				
Dimethyl phthalate	ug/L						ND				
Dissolved oxygen	mg/L	7.7	7.5	7.3	6.5	7.0	6.1	5.9	6.0	5.8	6.3
E. coli	No./100mL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan sulfate	ug/L						ND				
Endrin aldehyde	ug/L						ND				
Endrin	ug/L		ND		ND		ND		ND		ND
Ethylbenzene	ug/L		ND		ND		ND		ND		ND
Fecal coliform	No./100mL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	ug/L		ND		ND		ND		ND		ND
Fluorene	ug/L						ND				
Fluoride	mg/L		0.305		0.311		0.346		0.354		0.333
gamma-BHC	ug/L		ND		ND		ND		ND		ND

Pomona Water Reclamation Plant
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Parameter	Units	November	December	Monthly Average			Limit		Method	ML	MDL	RL
				Minimum	Average	Maximum	Max Daily	Monthly Average				
Aroclor 1016	ug/L		ND	ND	ND	ND			EPA 608	0.5	0.02 - 0.04	0.1
Aroclor 1221	ug/L		ND	ND	ND	ND			EPA 608	0.5	0.2	0.5
Aroclor 1232	ug/L		ND	ND	ND	ND			EPA 608	0.5	0.09 - 0.2	0.3
Aroclor 1242	ug/L		ND	ND	ND	ND			EPA 608	0.5	0.02 - 0.08	0.1
Aroclor 1248	ug/L		ND	ND	ND	ND			EPA 608	0.5	0.02 - 0.04	0.1
Aroclor 1254	ug/L		ND	ND	ND	ND			EPA 608	0.5	0.01 - 0.03	0.05
Aroclor 1260	ug/L		ND	ND	ND	ND			EPA 608	0.5	0.01 - 0.05	0.1
Arsenic	ug/L		1.03	DNQ Est. Conc. 0.96	0.86	1.23			EPA 200.8	2	0.06 - 0.16	0.40 - 1.00
Benzene	ug/L		ND	ND	ND	ND			EPA 624	2	0.10 - 0.24	0.50
Benzidine	ug/L	ND	ND	ND	ND	ND			EPA 625	5	1.7	5.0
Benzo(a)anthracene	ug/L		ND	ND	ND	ND			EPA 625	5	0.19	5.0
Benzo(a)pyrene	ug/L		ND	ND	ND	ND			EPA 610	10	0.007	0.020
Benzo(b)fluoranthene	ug/L		ND	ND	ND	ND			EPA 610	10	0.004	0.020
Benzo(g,h,i)perylene	ug/L		ND	ND	ND	ND			EPA 625	5	0.19	5.0
Benzo(k)fluoranthene	ug/L		ND	ND	ND	ND			EPA 610	10	0.005	0.020
Beryllium	ug/L		ND	ND	ND	ND			EPA 200.8	0.5	0.004 - 0.040	0.10 - 0.25
beta-BHC	ug/L		ND	ND	ND	ND			EPA 608	0.005	0.002 - 0.003	0.005
beta-Endosulfan	ug/L		ND	ND	ND	ND			EPA 608	0.01	0.001 - 0.003	0.01
Bis(2-chloroethoxy)methane	ug/L		ND	ND	ND	ND			EPA 625	5	0.13	5.0
bis(2-Chloroethyl) ether	ug/L		ND	ND	ND	ND			EPA 625	1	0.19	1.0
bis(2-Chloroisopropyl) ether	ug/L		ND	ND	ND	ND			EPA 625	2	0.16	2.0
bis(2-Ethylhexyl) phthalate	ug/L	ND	ND	ND	ND	DNQ Est. Conc. 0.52		4	EPA 625	5	0.25	2.0
BOD	mg/L	ND	ND	ND	ND	ND	45	20	SM 5210B		0.6	3.0
Boron	mg/L	0.34	0.27	0.21	0.27	0.34		1	EPA 200.8		0.002 - 0.005	0.020
Bromodichloromethane	ug/L	2.9	3.6	2.6	4.6	11.5			EPA 624	2	0.08 - 0.17	0.50
Bromoform	ug/L	ND	ND	ND	0.064	0.77			EPA 624	2	0.10 - 0.17	0.50
Butyl benzyl phthalate	ug/L		ND	ND	ND	ND			EPA 625	10	0.16	10.0
Cadmium	ug/L		DNQ Est. Conc. 0.039	ND	ND	DNQ Est. Conc. 0.040			EPA 200.8	0.25	0.028 - 0.070	0.080 - 0.20
Carbon tetrachloride	ug/L		ND	ND	ND	ND			EPA 624	2	0.07 - 0.28	0.50
Chloride	mg/L	134	136	128	138	144		180	EPA 300.0		0.200 - 0.600	4.00 - 10.0
Chlorobenzene	ug/L		ND	ND	ND	ND			EPA 624	2	0.08 - 0.17	0.50
Chloroethane	ug/L		ND	ND	ND	ND			EPA 624	2	0.15 - 0.33	0.50
Chloroform	ug/L	10.1	14.3	8.1	12	18.9			EPA 624	2	0.09 - 0.19	0.50
Chlorpyrifos	ug/L		ND	ND	ND	ND			SW-846 8141A		0.003	0.05
Chromium III	ug/L		0.81	0.81	0.93	1.04			EPA 200.8			0.50
Chromium VI	ug/L		DNQ Est. Conc. 0.03	ND	0.01	0.05			EPA 218.6 (Dissolved)		0.0048 - 0.02	0.05 - 0.30
Chrysene	ug/L		ND	ND	ND	ND			EPA 610	10	0.005	0.020
cis-1,3-Dichloropropene	ug/L		ND	ND	ND	ND			EPA 624		0.05 - 0.11	0.50
Copper	ug/L		3.33	3.33	3.83	4.46			EPA 200.8	0.5	0.02 - 0.08	0.20 - 0.50
Cyanide	ug/L		ND	ND	ND	DNQ Est. Conc. 2.0			SM 4500 CN E	5	1.0	5.0
delta-BHC	ug/L		ND	ND	ND	ND			EPA 608	0.005	0.003 - 0.004	0.005
Di-n-butyl phthalate	ug/L		ND	ND	ND	ND			EPA 625	10	0.16	10.0
Di-n-octyl phthalate	ug/L		ND	ND	ND	ND			EPA 625	10	0.16	10.0
Diazinon	ug/L		ND	ND	ND	ND			SW-846 8141A		0.004	0.05
Dibenzo(a,h)anthracene	ug/L		ND	ND	ND	ND			EPA 610	10	0.004	0.020
Dibromochloromethane	ug/L	0.55	0.61	DNQ Est. Conc. 0.44	1.1	5.0			EPA 624	2	0.06 - 0.14	0.50
Dieldrin	ug/L		ND	ND	ND	ND			EPA 608	0.01	0.001	0.01
Diethyl phthalate	ug/L		ND	ND	ND	DNQ Est. Conc. 0.28			EPA 625	2	0.21	2.0
Dimethyl phthalate	ug/L		ND	ND	ND	ND			EPA 625	2	0.19	2.0
Dissolved oxygen	mg/L	6.8	6.7	5.8	6.6	7.7			SM 4500 O G		0.1	1.0
E. coli	No./100mL	ND	ND	ND	ND	ND			SM 9223		1.1	1.1
Endosulfan sulfate	ug/L		ND	ND	ND	ND			EPA 608	0.05	0.002 - 0.009	0.01
Endrin aldehyde	ug/L		ND	ND	ND	ND			EPA 608	0.01	0.001 - 0.002	0.01
Endrin	ug/L		ND	ND	ND	ND			EPA 608	0.01	0.001 - 0.002	0.01
Ethylbenzene	ug/L		ND	ND	ND	ND			EPA 624	2	0.06 - 0.19	0.50
Fecal coliform	No./100mL	ND	ND	ND	ND	ND			SM 9221E & SM 9222D		1 - 1.8	1 - 1.8
Fluoranthene	ug/L		ND	ND	ND	ND			EPA 625	1	0.19	1.0
Fluorene	ug/L		ND	ND	ND	ND			EPA 625	10	0.18	10.0
Fluoride	mg/L		0.304	0.304	0.326	0.354			SM 4500 F C		0.003 - 0.004	0.100
gamma-BHC	ug/L		ND	ND	ND	ND			EPA 608	0.02	0.0009 - 0.001	0.01

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Parameter	Units	January	February	March	April	May	June	July	August	September	October
Gross alpha radioactivity	pCi/L		1.56				ND		3.07		
Gross beta radioactivity	pCi/L		5.29				2.44		3.74		
Heptachlor epoxide	ug/L		ND		ND		ND		ND		ND
Heptachlor	ug/L		ND		ND		ND		ND		ND
Hexachlorobenzene	ug/L						ND				
Hexachlorobutadiene	ug/L						ND				
Hexachlorocyclopentadiene	ug/L						ND				
Hexachloroethane	ug/L						ND				
Indeno (1,2,3-cd) pyrene	ug/L						ND				
Iron	ug/L		27.8				34.8		35.0		
Isophorone	ug/L						ND				
Lead	ug/L	0.31	0.33	0.33	0.34	0.45	0.43	0.40	0.46	0.36	0.33
Mercury	ug/L		0.0012				0.0012		0.0012		
Methyl bromide (Bromomethane)	ug/L		ND		ND		ND		ND		ND
Methyl chloride (Chloromethane)	ug/L		ND		ND		ND		ND		ND
Methyl tert-butyl ether	ug/L						ND				
Methylene chloride	ug/L		ND		ND		DNQ Est. Conc. 0.10		ND		ND
N-Nitrosodi-n-propylamine	ug/L						ND				
n-Nitrosodimethylamine (NDMA)	ug/L	0.053	0.036	0.050	0.034	0.047	0.082	0.11	0.070	0.082	0.14
n-Nitrosodiphenylamine	ug/L						ND				
Naphthalene	ug/L						ND				
Nickel	ug/L		1.10				1.52		1.57		
Nitrate + nitrite as nitrogen	mg/L	6.80	6.72	7.45	6.83	7.38	7.94	6.80	7.62	6.27	7.86
Nitrate as nitrogen	mg/L	6.70	6.37	7.16	6.52	7.08	7.84	6.73	7.48	5.97	7.81
Nitrite as nitrogen	mg/L	0.103	0.352	0.295	0.310	0.296	0.101	0.072	0.136	0.297	ND
Nitrobenzene	ug/L						ND				
OctaCDD	pg/L						DNQ Est. Conc. 20				
OctaCDF	pg/L						DNQ Est. Conc. 12				
Oil and grease	mg/L		ND				ND		ND		
Organic nitrogen	mg/L	0.747	0.250	0.700	1.20	0.485	0.826	0.707	1.19	0.865	0.510
Pentachlorophenol	ug/L		ND		ND		ND		ND		ND
Perchlorate	ug/L						0.31				
Phenanthrene	ug/L		ND		ND		ND		ND		ND
Phenol	ug/L		DNQ Est. Conc. 0.17		DNQ Est. Conc. 0.24		DNQ Est. Conc. 0.25		DNQ Est. Conc. 0.26		DNQ Est. Conc. 0.18
pH	SU	7.3	7.4	7.4	7.2	7.3	7.3	7.3	7.2	7.4	7.4
Pyrene	ug/L						ND				
Selenium	ug/L	DNQ Est. Conc. 0.43	DNQ Est. Conc. 0.55	DNQ Est. Conc. 0.51	DNQ Est. Conc. 0.53	DNQ Est. Conc. 0.58	DNQ Est. Conc. 0.56	DNQ Est. Conc. 0.55	DNQ Est. Conc. 0.54	DNQ Est. Conc. 0.49	DNQ Est. Conc. 0.55
Settleable Solids	mL/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	ug/L		ND				DNQ Est. Conc. 0.03		ND		
Strontium-90	pCi/L		0.285				0.161		0.377		
Sulfate	mg/L	78.4	70.4	68.5	69.8	85.3	94.4	93.2	95.7	100.0	101
Surfactant (CTAS)	mg/L		ND				ND		ND		
Surfactant (MBAS)	mg/L	ND	ND	ND	ND	ND	ND	ND	0.10	ND	ND
Technical chlordane	ug/L						ND				
Temperature	Degrees F	72.5	73.0	74.1	76.5	79.5	82.5	84.7	85.2	85.1	82.5
Tetrachloroethylene	ug/L		ND		ND		ND		ND		ND
Thallium	ug/L						ND				
Toluene	ug/L		DNQ Est. Conc. 0.15		0.51		ND		ND		ND
Total chromium	ug/L		0.91				1.09		1.07		
Total coliform	No./100mL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total detectable PCB's	ug/L		ND		ND		ND		ND		ND
Total dissolved solids	mg/L	602	552	558	550	584	580	602	593	640	622
Total hardness	mg/L	212	223	263	220	249	217	219	220	221	217
Total Kjeldahl Nitrogen (TKN)	mg/L	1.68	3.02	2.48	4.22	1.94	2.21	1.57	2.44	5.36	1.45
Total nitrogen	mg/L	8.48	9.74	9.93	11.0	11.6	10.4	8.37	10.1	11.6	9.66
Total residual chlorine	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Suspended Solids	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total trihalomethanes	ug/L	27.4	26.7	19.6	11.2	14.2	20.4	19.1	13.3	13.6	15.9
Toxaphene	ug/L		ND		ND		ND		ND		ND
Toxic equivalence	pg/L						ND				

Pomona Water Reclamation Plant
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Parameter	Units	November	December	Monthly Average			Limit		Method	ML	MDL	RL
				Minimum	Average	Maximum	Max Daily	Monthly Average				
Gross alpha radioactivity	pCi/L		1.73	ND	1.59	3.07			EPA 900.0		1.03 - 2.28	1.03 - 2.28
Gross beta radioactivity	pCi/L		4.87	2.44	4.09	5.29			EPA 900.0		0.809 - 2.13	0.809 - 2.13
Heptachlor epoxide	ug/L		ND	ND	ND	ND			EPA 608	0.01	0.001	0.01
Heptachlor	ug/L		ND	ND	ND	ND			EPA 608	0.01	0.0008 - 0.001	0.01
Hexachlorobenzene	ug/L		ND	ND	ND	ND			EPA 625	1	0.18	1.0
Hexachlorobutadiene	ug/L		ND	ND	ND	ND			EPA 625	1	0.14	1.0
Hexachlorocyclopentadiene	ug/L		ND	ND	ND	ND			EPA 625	5	0.75	5.0
Hexachloroethane	ug/L		ND	ND	ND	ND			EPA 625	1	0.14	1.0
Indeno (1,2,3-cd) pyrene	ug/L		ND	ND	ND	ND			EPA 610	10	0.004	0.020
Iron	ug/L		24.4	24.4	30.5	35.0			EPA 200.8		1.2 - 5.0	8.0 - 20.0
Isophorone	ug/L		ND	ND	ND	ND			EPA 625	1	0.13	1.0
Lead	ug/L	0.43	0.24	0.24	0.37	0.46	166 (3)		EPA 200.8	0.5	0.01 - 0.03	0.10 - 0.25
Mercury	ug/L		0.0010	0.0010	0.0012	0.0012			EPA 1631	0.5	0.00011	0.00020
Methyl bromide (Bromomethane)	ug/L		ND	ND	ND	ND			EPA 624	2	0.30 - 0.34	0.50
Methyl chloride (Chloromethane)	ug/L		ND	ND	ND	ND			EPA 624	2	0.06 - 0.36	0.50
Methyl tert-butyl ether	ug/L		ND	ND	ND	ND			EPA 624		0.06 - 0.12	0.50
Methylene chloride	ug/L		ND	ND	ND	DNQ Est. Conc. 0.10			EPA 624	2	0.09 - 0.27	0.50
N-Nitrosodi-n-propylamine	ug/L		ND	ND	ND	ND			EPA 625	5	0.12	5.0
n-Nitrosodimethylamine (NDMA)	ug/L	0.095	0.040	0.034	0.070	0.14			EPA 1625 (Modified)	5	0.0005	0.0020
n-Nitrosodiphenylamine	ug/L		ND	ND	ND	ND			EPA 625	1	0.15	1.0
Naphthalene	ug/L		ND	ND	ND	ND			EPA 625	1	0.18	1.0
Nickel	ug/L		1.56	1.10	1.44	1.57			EPA 200.8	1	0.04 - 0.13	0.40 - 1.00
Nitrate + nitrite as nitrogen	mg/L	6.70	7.93	6.27	7.19	7.94		8	SM 4500 NO3 F		0.030	0.200
Nitrate as nitrogen	mg/L	6.19	7.79	5.97	6.97	7.84			SM 4500 NO3 F		0.030	0.200
Nitrite as nitrogen	mg/L	0.510	0.134	ND	0.22	0.510		1	SM 4500 NO3 F		0.003	0.030
Nitrobenzene	ug/L		ND	ND	ND	ND			EPA 625	1	0.22	1.0
OctaCDD	pg/L		DNQ Est. Conc. 9.0	DNQ Est. Conc. 9.0	ND	DNQ Est. Conc. 20			EPA 1613B		0.74 - 1.8	100 - 120
OctaCDF	pg/L		DNQ Est. Conc. 3.4	DNQ Est. Conc. 3.4	ND	DNQ Est. Conc. 12			EPA 1613B		1.1 - 1.6	100 - 120
Oil and grease	mg/L		ND	ND	ND	ND	15	10	EPA 1664A		0.8 - 0.9	4.4 - 4.8
Organic nitrogen	mg/L	1.46	0.947	0.250	0.824	1.46			EPA 351.2 & SM 4500 NH3 G		0.050 - 0.135	0.200
Pentachlorophenol	ug/L		ND	ND	ND	ND			EPA 625	5	0.38	1.0
Perchlorate	ug/L		0.26	0.26	0.29	0.31			EPA 331.0		0.0201	0.05
Phenanthrene	ug/L		ND	ND	ND	ND			EPA 625	5	0.19	5.0
Phenol	ug/L		DNQ Est. Conc. 0.16	DNQ Est. Conc. 0.16	ND	DNQ Est. Conc. 0.26			EPA 625	1	0.14	1.0
pH	SU	7.4	7.4	7.2	7.3	7.4			SM 4500 H+ B		1.00	1.00 - 4.00
Pyrene	ug/L		ND	ND	ND	ND			EPA 625	10	0.19	10.0
Selenium	ug/L	DNQ Est. Conc. 0.47	0.41	DNQ Est. Conc. 0.43	0.034	0.41	6.2 (4)	4.7 (4)	EPA 200.8	2	0.02 - 0.17	0.40 - 1.00
Settleable Solids	mL/L	ND	ND	ND	ND	ND	0.3	0.1	SM 2540F		0.1	0.1
Silver	ug/L		DNQ Est. Conc. 0.03	ND	ND	DNQ Est. Conc. 0.03			EPA 200.8	0.25	0.01 - 0.03	0.08 - 0.20
Strontium-90	pCi/L		0.338	0.161	0.290	0.377			EPA 905.0		0.480 - 0.682	0.480 - 0.682
Sulfate	mg/L	89.2	80.2	68.5	85.5	101		300	EPA 300.0		0.240 - 0.920	1.00 - 2.50
Surfactant (CTAS)	mg/L		ND	ND	ND	ND			SM 5540D		0.023 - 0.10	0.10 - 0.20
Surfactant (MBAS)	mg/L	0.25	ND	ND	0.029	0.25		0.5	SM 5540C		0.03	0.10
Technical chlordane	ug/L		ND	ND	ND	ND			EPA 608	0.1	0.01 - 0.03	0.05
Temperature	Degrees F	77.9	73.6	72.5	78.9	85.2	86		EPA 170.1 (oF)			
Tetrachloroethylene	ug/L		ND	ND	ND	ND			EPA 624	2	0.12 - 0.40	0.50
Thallium	ug/L		ND	ND	ND	ND			EPA 200.8	1	0.020	0.25
Toluene	ug/L		ND	ND	0.085	0.51			EPA 624	2	0.06 - 0.19	0.50
Total chromium	ug/L		0.81	0.81	0.97	1.09			EPA 200.8	0.5	0.04 - 0.07	0.50
Total coliform	No./100mL	ND	ND	ND	ND	ND	23 / 240 (5)		SM 9221B & SM 9222B		1 - 1.8	1 - 1.8
Total detectable PCB's	ug/L		ND	ND	ND	ND			EPA 608			
Total dissolved solids	mg/L	574	604	550	588	640		750	SM 2540C		5.4 - 6.0	50.0 - 55.6
Total hardness	mg/L	212	209	209	224	263			EPA 200.8 & SM 2340C			0.05 - 10
Total Kjeldahl Nitrogen (TKN)	mg/L	4.38	1.94	1.45	2.72	5.36			EPA 351.2		0.135 - 0.540	0.200 - 0.800
Total nitrogen	mg/L	11.1	10.6	8.37	10.2	11.6			Total Nitrogen Calculation			0.200
Total residual chlorine	mg/L	ND	ND	ND	ND	ND	0.1		SM 4500 Cl C		0.05	0.05
Total Suspended Solids	mg/L	ND	ND	ND	ND	ND	45	15	SM 2540D		2.5	2.5
Total trihalomethanes	ug/L	13.6	18.5	11.2	17.8	27.4		80	EPA 624			0.50
Toxaphene	ug/L		ND	ND	ND	ND			EPA 608	0.5	0.04 - 0.08	0.5
Toxic equivalence	pg/L		ND	ND	ND	ND			EPA 1613B			

Pomona Water Reclamation Plant
2014 EFF-001 Monitoring Results

Parameter	Units	January	February	March	April	May	June	July	August	September	October
trans-1,3-Dichloropropene	ug/L		ND		ND		ND		ND		ND
Trichloroethylene	ug/L		ND		ND		ND		ND		ND
Tritium	pCi/L		ND				ND		ND		
Turbidity (flow proportioned avg daily value)	NTU	0.61	0.51	0.44	0.55	0.55	0.49	0.41	0.40	0.40	0.52
Uranium	pCi/L		0.156				0.313		0.218		
Vinyl chloride	ug/L		ND		ND		ND		ND		ND
Zinc	ug/L		59.2				62.5		62.2		

Pomona Water Reclamation Plant
2014 EFF-001 Monitoring Results

Parameter	Units	November	December	Monthly Average			Limit		Method	ML	MDL	RL
				Minimum	Average	Maximum	Max Daily	Monthly Average				
trans-1,3-Dichloropropene	ug/L		ND	ND	ND	ND			EPA 624		0.10 - 0.17	0.50
Trichloroethylene	ug/L		ND	ND	ND	ND			EPA 624	2	0.13 - 0.32	0.50
Tritium	pCi/L		ND	ND	ND	ND			EPA 906.0		434	434
Turbidity (flow proportioned avg daily value)	NTU	0.48	0.57	0.40	0.49	0.61	2		SM 2130B		0.12	0.12
Uranium	pCi/L		0.949	0.156	0.409	0.949			EPA 908.0		0.300	0.300
Vinyl chloride	ug/L		ND	ND	ND	ND			EPA 624	2	0.12 - 0.37	0.50
Zinc	ug/L		48.6	48.6	58.1	62.5			EPA 200.8	1	0.18 - 0.44	0.40 - 1.00

(1) Limits apply when early life stage fish are present during the months of April 1 through September 30.
(2) Limits apply when early life stage fish are not present during the months of October 1 through March 31.
(3) Wet weather limits apply when the maximum daily flow in the San Gabriel River is greater than or equal to 260 cfs measured at USGS flow gauging 11087020 (RSW-004).
(4) Dry weather limits apply when the maximum daily flow in the San Gabriel River is less than 260 cfs measured at USGS flow gauging 11087020 (RSW-004).
(5) Number of coliforms may not exceed 23/100 mL in more than one sample during any 30-day period and any sample cannot exceed 240/100mL.

San Jose Creek WRP, East, Influent Monitoring

San Jose Creek East Water Reclamation Plant
2014 INF-001 Monitoring Results

Parameter	Units	January	February	March	April	May	June	July	August	September	October
1,1-Dichloroethane	ug/L		ND						ND		
1,1-Dichloroethene	ug/L		ND						ND		
1,1,1-Trichloroethane	ug/L		ND						ND		
1,1,2-Trichloroethane	ug/L		ND						ND		
1,1,2,2-Tetrachloroethane	ug/L		ND						ND		
1,2-Dichlorobenzene	ug/L		DNQ Est. Conc. 0.17						ND		
1,2-Dichloroethane	ug/L		ND						ND		
1,2-Dichloropropane	ug/L		ND						ND		
1,2-Diphenylhydrazine	ug/L		ND						ND		
1,2,4-Trichlorobenzene	ug/L		ND						ND		
1,3-Dichlorobenzene	ug/L		ND						ND		
1,3-Dichloropropene (Total)	ug/L		ND						ND		
1,4-Dichlorobenzene	ug/L		ND						ND		
2-Chloroethyl vinyl ether (mixed)	ug/L		ND						ND		
2-Chloronaphthalene	ug/L		ND						ND		
2-Chlorophenol	ug/L		ND						ND		
2-Methyl-4,6-dinitrophenol	ug/L		ND						ND		
2-Nitrophenol	ug/L		ND						ND		
2,4-Dichlorophenol	ug/L		ND						ND		
2,4-Dimethylphenol	ug/L		ND						ND		
2,4-Dinitrophenol	ug/L		ND						ND		
2,4-Dinitrotoluene	ug/L		ND						ND		
2,4,6-Trichlorophenol	ug/L		ND						ND		
2,6-Dinitrotoluene	ug/L		ND						ND		
3-Methyl-4-chlorophenol	ug/L		ND						ND		
3,3'-Dichlorobenzidine	ug/L		ND						ND		
4-Bromophenyl phenyl ether	ug/L		ND						ND		
4-Chlorophenyl phenyl ether	ug/L		ND						ND		
4-Nitrophenol	ug/L		ND						ND		
4,4-DDT	ug/L		ND						ND		
4,4'-DDD	ug/L		ND						ND		
4,4'-DDE	ug/L		ND						ND		
Acenaphthene	ug/L		ND						ND		
Acenaphthylene	ug/L		ND						ND		
Acrolein	ug/L		ND						ND		
Acrylonitrile	ug/L		ND						ND		
Aldrin	ug/L		ND						ND		
alpha-BHC	ug/L		ND						ND		
Anthracene	ug/L		ND						ND		
Antimony	ug/L		0.68						0.57		
Aroclor 1016	ug/L		ND						ND		
Aroclor 1221	ug/L		ND						ND		
Aroclor 1232	ug/L		ND						ND		
Aroclor 1242	ug/L		ND						ND		
Aroclor 1248	ug/L		ND						ND		
Aroclor 1254	ug/L		ND						ND		
Aroclor 1260	ug/L		ND						ND		
Arsenic	ug/L		1.47						2.26		
Benzene	ug/L		ND						ND		
Benzidine	ug/L		ND						ND		
Benzo(a)anthracene	ug/L		ND						ND		
Benzo(a)pyrene	ug/L		ND						ND		
Benzo(b)fluoranthene	ug/L		ND						ND		
Benzo(g,h,i)perylene	ug/L		ND						ND		
Benzo(k)fluoranthene	ug/L		ND						ND		
Beryllium	ug/L		ND						ND		
beta-BHC	ug/L		ND						ND		
bis(2-Chloroethoxy) methane	ug/L		ND						ND		
bis(2-Chloroethyl) ether	ug/L		ND						ND		
bis(2-Chloroisopropyl) ether	ug/L		ND						ND		

San Jose Creek East Water Reclamation Plant
2014 INF-001 Monitoring Results

Parameter	Units	November	December	Monthly Average			Method	ML	MDL	RL
				Minimum	Average	Maximum				
1,1-Dichloroethane	ug/L			ND	ND	ND	EPA 624	1	0.20	0.50
1,1-Dichloroethene	ug/L			ND	ND	ND	EPA 624	2	0.32	0.50
1,1,1-Trichloroethane	ug/L			ND	ND	ND	EPA 624	2	0.21	0.50
1,1,2-Trichloroethane	ug/L			ND	ND	ND	EPA 624	2	0.09	0.50
1,1,2,2-Tetrachloroethane	ug/L			ND	ND	ND	EPA 624	1	0.11	0.50
1,2-Dichlorobenzene	ug/L			ND	ND	DNQ Est. Conc. 0.17	EPA 624	2	0.07	0.50
1,2-Dichloroethane	ug/L			ND	ND	ND	EPA 624	2	0.11	0.50
1,2-Dichloropropane	ug/L			ND	ND	ND	EPA 624	1	0.18	0.50
1,2-Diphenylhydrazine	ug/L			ND	ND	ND	EPA 625	1	1.3	10.0
1,2,4-Trichlorobenzene	ug/L			ND	ND	ND	EPA 625	5	1.7	50.0
1,3-Dichlorobenzene	ug/L			ND	ND	ND	EPA 624	2	0.08	0.50
1,3-Dichloropropene (Total)	ug/L			ND	ND	ND	EPA 624	2		0.50
1,4-Dichlorobenzene	ug/L			ND	ND	ND	EPA 624	2	0.16	0.50
2-Chloroethyl vinyl ether (mixed)	ug/L			ND	ND	ND	EPA 624	1	0.12	0.50
2-Chloronaphthalene	ug/L			ND	ND	ND	EPA 625	10	1.6	100
2-Chlorophenol	ug/L			ND	ND	ND	EPA 625	5	1.5	50.0
2-Methyl-4,6-dinitrophenol	ug/L			ND	ND	ND	EPA 625	5	13.1	50.0
2-Nitrophenol	ug/L			ND	ND	ND	EPA 625	10	2.0	100
2,4-Dichlorophenol	ug/L			ND	ND	ND	EPA 625	5	1.5	50.0
2,4-Dimethylphenol	ug/L			ND	ND	ND	EPA 625	2	1.1	20.0
2,4-Dinitrophenol	ug/L			ND	ND	ND	EPA 625	5	17.3	50.0
2,4-Dinitrotoluene	ug/L			ND	ND	ND	EPA 625	5	2.0	50.0
2,4,6-Trichlorophenol	ug/L			ND	ND	ND	EPA 625	10	1.2	100
2,6-Dinitrotoluene	ug/L			ND	ND	ND	EPA 625	5	2.2	50.0
3-Methyl-4-chlorophenol	ug/L			ND	ND	ND	EPA 625	1	1.3	10.0
3,3'-Dichlorobenzidine	ug/L			ND	ND	ND	EPA 625	5	11.6	50.0
4-Bromophenyl phenyl ether	ug/L			ND	ND	ND	EPA 625	5	2.1	50.0
4-Chlorophenyl phenyl ether	ug/L			ND	ND	ND	EPA 625	5	1.7	50.0
4-Nitrophenol	ug/L			ND	ND	ND	EPA 625	10	13.7	100
4,4-DDT	ug/L			ND	ND	ND	EPA 608	0.01	0.001 - 0.003	0.01
4,4'-DDD	ug/L			ND	ND	ND	EPA 608	0.05	0.001 - 0.002	0.01
4,4'-DDE	ug/L			ND	ND	ND	EPA 608	0.05	0.001 - 0.002	0.01
Acenaphthene	ug/L			ND	ND	ND	EPA 625	1	1.5	10.0
Acenaphthylene	ug/L			ND	ND	ND	EPA 625	10	1.4	100
Acrolein	ug/L			ND	ND	ND	EPA 624		1.3	2.0
Acrylonitrile	ug/L			ND	ND	ND	EPA 624		0.20	2.0
Aldrin	ug/L			ND	ND	ND	EPA 608	0.005	0.0009 - 0.002	0.005
alpha-BHC	ug/L			ND	ND	ND	EPA 608	0.01	0.001 - 0.002	0.01
Anthracene	ug/L			ND	ND	ND	EPA 625	10	1.8	100
Antimony	ug/L			0.57	0.63	0.68	EPA 200.8	0.5	0.05 - 0.13	0.50
Aroclor 1016	ug/L			ND	ND	ND	EPA 608	0.5	0.02 - 0.04	0.1
Aroclor 1221	ug/L			ND	ND	ND	EPA 608	0.5	0.2	0.5
Aroclor 1232	ug/L			ND	ND	ND	EPA 608	0.5	0.09 - 0.2	0.3
Aroclor 1242	ug/L			ND	ND	ND	EPA 608	0.5	0.02 - 0.08	0.1
Aroclor 1248	ug/L			ND	ND	ND	EPA 608	0.5	0.02 - 0.04	0.1
Aroclor 1254	ug/L			ND	ND	ND	EPA 608	0.5	0.01 - 0.03	0.05
Aroclor 1260	ug/L			ND	ND	ND	EPA 608	0.5	0.01 - 0.05	0.1
Arsenic	ug/L			1.47	1.87	2.26	EPA 200.8	2	0.16	1.00
Benzene	ug/L			ND	ND	ND	EPA 624	2	0.15	0.50
Benzidine	ug/L			ND	ND	ND	EPA 625	5	16.7	50.0
Benzo(a)anthracene	ug/L			ND	ND	ND	EPA 625	5	1.9	50.0
Benzo(a)pyrene	ug/L			ND	ND	ND	EPA 625	10	1.5	100
Benzo(b)fluoranthene	ug/L			ND	ND	ND	EPA 625	10	1.3	100
Benzo(g,h,i)perylene	ug/L			ND	ND	ND	EPA 625	5	1.9	50.0
Benzo(k)fluoranthene	ug/L			ND	ND	ND	EPA 625	10	2.3	100
Beryllium	ug/L			ND	ND	ND	EPA 200.8	0.5	0.010 - 0.040	0.25
beta-BHC	ug/L			ND	ND	ND	EPA 608	0.005	0.002 - 0.003	0.005
bis(2-Chloroethoxy) methane	ug/L			ND	ND	ND	EPA 625	5	1.3	50.0
bis(2-Chloroethyl) ether	ug/L			ND	ND	ND	EPA 625	1	1.9	10.0
bis(2-Chloroisopropyl) ether	ug/L			ND	ND	ND	EPA 625	2	1.6	20.0

San Jose Creek East Water Reclamation Plant
2014 INF-001 Monitoring Results

Parameter	Units	January	February	March	April	May	June	July	August	September	October
bis(2-Ethylhexyl) phthalate	ug/L		DNQ Est. Conc. 15.5						DNQ Est. Conc. 8.3		
Bromodichloromethane	ug/L		ND						ND		
Bromoform	ug/L		ND						ND		
Butyl benzyl phthalate	ug/L		DNQ Est. Conc. 3.6						ND		
Cadmium	ug/L		DNQ Est. Conc. 0.10						DNQ Est. Conc. 0.11		
Carbon tetrachloride	ug/L		ND						ND		
Chlorobenzene	ug/L		ND						ND		
Chlorodibromomethane	ug/L		DNQ Est. Conc. 0.18						DNQ Est. Conc. 0.17		
Chloroethane	ug/L		ND						ND		
Chloroform	ug/L		8.9						7.0		
Chromium III	ug/L		4.41						15.6		
Chromium VI	ug/L		ND						DNQ Est. Conc. 0.04		
Chromium, total	ug/L		4.41						15.6		
Chrysene	ug/L		ND						ND		
Copper	ug/L		51.3			54.1			37.6		
delta-BHC	ug/L		ND						ND		
Di-n-butyl phthalate	ug/L		ND						ND		
Di-n-octyl phthalate	ug/L		ND						ND		
Dibenzo(a,h)anthracene	ug/L		ND						ND		
Dieldrin	ug/L		ND						ND		
Diethyl phthalate	ug/L		DNQ Est. Conc. 6.9						DNQ Est. Conc. 6.6		
Dimethyl phthalate	ug/L		ND						ND		
Endosulfan II	ug/L		ND						ND		
Endosulfan I	ug/L		ND						ND		
Endosulfan sulfate	ug/L		ND						ND		
Endrin aldehyde	ug/L		ND						ND		
Endrin	ug/L		ND						ND		
Ethylbenzene	ug/L		ND						ND		
Fluoranthene	ug/L		ND						ND		
Fluorene	ug/L		ND						ND		
gamma-BHC (Lindane)	ug/L		ND						ND		
Heptachlor epoxide	ug/L		ND						ND		
Heptachlor	ug/L		ND						ND		
Hexachlorobenzene	ug/L		ND						ND		
Hexachlorobutadiene	ug/L		ND						ND		
Hexachlorocyclopentadiene	ug/L		ND						ND		
Hexachloroethane	ug/L		ND						ND		
Indeno (1,2,3-cd) pyrene	ug/L		ND						ND		
Isophorone	ug/L		ND						ND		
Lead	ug/L		0.82			0.92			0.74		
Mercury	ug/L		0.04						0.04		
Methyl bromide (Bromomethane)	ug/L		ND						ND		
Methyl chloride (Chloromethane)	ug/L		ND						ND		
Methylene chloride	ug/L		1.8						2.4		
n-Nitrosodi-n-propylamine	ug/L		ND						ND		
n-Nitrosodimethylamine (NDMA)	ug/L		ND						ND		
n-Nitrosodiphenylamine	ug/L		ND						ND		
Naphthalene	ug/L		ND						ND		
Nickel	ug/L		3.08						4.23		
Nitrobenzene	ug/L		ND						ND		
Pentachlorophenol	ug/L		ND						ND		
Phenanthrene	ug/L		ND						ND		
Phenol	ug/L		27.3						34.1		
pH	SU	7.4	7.6	7.3	7.4	7.2	7.1	7.2	7.3	7.1	7.1
Pyrene	ug/L		ND						ND		
Selenium	ug/L		DNQ Est. Conc. 0.72			1.32			1.01		
Silver	ug/L		0.31						DNQ Est. Conc. 0.19		
Technical Chlordane	ug/L		ND						ND		
Tetrachloroethene	ug/L		ND						ND		
Thallium	ug/L		ND						ND		

San Jose Creek East Water Reclamation Plant
2014 INF-001 Monitoring Results

Parameter	Units	November	December	Monthly Average			Method	ML	MDL	RL
				Minimum	Average	Maximum				
bis(2-Ethylhexyl) phthalate	ug/L			DNQ Est. Conc. 8.3	ND	DNQ Est. Conc. 15.5	EPA 625	5	2.5	20.0
Bromodichloromethane	ug/L			ND	ND	ND	EPA 624	2	0.17	0.50
Bromoform	ug/L			ND	ND	ND	EPA 624	2	0.17	0.50
Butyl benzyl phthalate	ug/L			ND	ND	DNQ Est. Conc. 3.6	EPA 625	10	1.6	100
Cadmium	ug/L			DNQ Est. Conc. 0.10	ND	DNQ Est. Conc. 0.11	EPA 200.8	0.25	0.040 - 0.070	0.20
Carbon tetrachloride	ug/L			ND	ND	ND	EPA 624	2	0.28	0.50
Chlorobenzene	ug/L			ND	ND	ND	EPA 624	2	0.11	0.50
Chlorodibromomethane	ug/L			DNQ Est. Conc. 0.17	ND	DNQ Est. Conc. 0.18	EPA 624	2	0.14	0.50
Chloroethane	ug/L			ND	ND	ND	EPA 624	2	0.18	0.50
Chloroform	ug/L			7.0	8.0	8.9	EPA 624	2	0.18	0.50
Chromium III	ug/L			4.41	10.0	15.6	EPA 200.8			0.50
Chromium VI	ug/L			ND	ND	DNQ Est. Conc. 0.04	EPA 218.6 (Dissolved)		0.0048 - 0.02	0.05 - 0.30
Chromium, total	ug/L			4.41	10.0	15.6	EPA 200.8	0.5	0.07	0.50
Chrysene	ug/L			ND	ND	ND	EPA 625	10	1.7	100
Copper	ug/L	51.2		37.6	48.6	54.1	EPA 200.8	0.5	0.04 - 0.08	0.50
delta-BHC	ug/L			ND	ND	ND	EPA 608	0.005	0.003 - 0.004	0.005
Di-n-butyl phthalate	ug/L			ND	ND	ND	EPA 625	10	1.6	100
Di-n-octyl phthalate	ug/L			ND	ND	ND	EPA 625	10	1.6	100
Dibenzo(a,h)anthracene	ug/L			ND	ND	ND	EPA 625	10	1.5	100
Dieldrin	ug/L			ND	ND	ND	EPA 608	0.01	0.001	0.01
Diethyl phthalate	ug/L			DNQ Est. Conc. 6.6	ND	DNQ Est. Conc. 6.9	EPA 625	2	2.1	20.0
Dimethyl phthalate	ug/L			ND	ND	ND	EPA 625	2	1.9	20.0
Endosulfan II	ug/L			ND	ND	ND	EPA 608	0.01	0.001 - 0.003	0.01
Endosulfan I	ug/L			ND	ND	ND	EPA 608	0.02	0.001	0.01
Endosulfan sulfate	ug/L			ND	ND	ND	EPA 608	0.05	0.002 - 0.009	0.01
Endrin aldehyde	ug/L			ND	ND	ND	EPA 608	0.01	0.001 - 0.002	0.01
Endrin	ug/L			ND	ND	ND	EPA 608	0.01	0.001 - 0.002	0.01
Ethylbenzene	ug/L			ND	ND	ND	EPA 624	2	0.18	0.50
Fluoranthene	ug/L			ND	ND	ND	EPA 625	1	1.9	10.0
Fluorene	ug/L			ND	ND	ND	EPA 625	10	1.8	100
gamma-BHC (Lindane)	ug/L			ND	ND	ND	EPA 608	0.02	0.0009 - 0.001	0.01
Heptachlor epoxide	ug/L			ND	ND	ND	EPA 608	0.01	0.001	0.01
Heptachlor	ug/L			ND	ND	ND	EPA 608	0.01	0.0008 - 0.001	0.01
Hexachlorobenzene	ug/L			ND	ND	ND	EPA 625	1	1.8	10.0
Hexachlorobutadiene	ug/L			ND	ND	ND	EPA 625	1	1.4	10.0
Hexachlorocyclopentadiene	ug/L			ND	ND	ND	EPA 625	5	7.5	50.0
Hexachloroethane	ug/L			ND	ND	ND	EPA 625	1	1.4	10.0
Indeno (1,2,3-cd) pyrene	ug/L			ND	ND	ND	EPA 625	10	1.4	100
Isophorone	ug/L			ND	ND	ND	EPA 625	1	1.3	10.0
Lead	ug/L	1.07		0.74	0.89	1.07	EPA 200.8	0.5	0.03	0.25
Mercury	ug/L			0.04	0.04	0.04	EPA 245.1	0.5	0.01	0.04
Methyl bromide (Bromomethane)	ug/L			ND	ND	ND	EPA 624	2	0.33	0.50
Methyl chloride (Chloromethane)	ug/L			ND	ND	ND	EPA 624	2	0.19	0.50
Methylene chloride	ug/L			1.8	2.1	2.4	EPA 624	2	0.18	0.50
n-Nitrosodi-n-propylamine	ug/L			ND	ND	ND	EPA 625	5	1.2	50.0
n-Nitrosodimethylamine (NDMA)	ug/L			ND	ND	ND	EPA 625	5	1.4	50.0
n-Nitrosodiphenylamine	ug/L			ND	ND	ND	EPA 625	1	1.5	10.0
Naphthalene	ug/L			ND	ND	ND	EPA 625	1	1.8	10.0
Nickel	ug/L			3.08	3.66	4.23	EPA 200.8	1	0.10 - 0.13	1.00
Nitrobenzene	ug/L			ND	ND	ND	EPA 625	1	2.2	10.0
Pentachlorophenol	ug/L			ND	ND	ND	EPA 625	5	3.8	10.0
Phenanthrene	ug/L			ND	ND	ND	EPA 625	5	1.9	50.0
Phenol	ug/L			27.3	30.7	34.1	EPA 625	1	1.4	10.0
pH	SU	7.1	7.2	7.1	7.3	7.6	SM 4500 H+ B		1.00	1.00 - 4.00
Pyrene	ug/L			ND	ND	ND	EPA 625	10	1.9	100
Selenium	ug/L	1.04		DNQ Est. Conc. 0.72	0.84	1.32	EPA 200.8	2	0.04 - 0.17	1.00
Silver	ug/L			DNQ Est. Conc. 0.19	0.16	0.31	EPA 200.8	0.25	0.03	0.20
Technical Chlordane	ug/L			ND	ND	ND	EPA 608	0.1	0.01 - 0.03	0.05
Tetrachloroethene	ug/L			ND	ND	ND	EPA 624	2	0.18	0.50
Thallium	ug/L			ND	ND	ND	EPA 200.8	1	0.020	0.25

San Jose Creek East Water Reclamation Plant
2014 INF-001 Monitoring Results

Parameter	Units	January	February	March	April	May	June	July	August	September	October
Toluene	ug/L		1.0						3.2		
Total BOD 20C	mg/L	256	333	339	392	365	303	271	266	249	265
Total cyanide	ug/L		DNQ Est. Conc. 3.9						ND		
Total suspended solids	mg/L	370	280	399	435	681	338	395	316	280	270
Toxaphene	ug/L		ND						ND		
trans-1,2-Dichloroethene	ug/L		ND						ND		
Trichloroethene	ug/L		ND						ND		
Vinyl chloride	ug/L		ND						ND		
Zinc	ug/L		70.6						70.1		

San Jose Creek East Water Reclamation Plant
2014 INF-001 Monitoring Results

Parameter	Units	November	December	Monthly Average			Method	ML	MDL	RL
				Minimum	Average	Maximum				
Toluene	ug/L			1.0	2.1	3.2	EPA 624	2	0.19	0.50
Total BOD 20C	mg/L	287	292	249	302	392	SM 5210B		0.6	100 - 120
Total cyanide	ug/L			ND	ND	DNQ Est. Conc. 3.9	SM 4500 CN E	5	1.00	5.00
Total suspended solids	mg/L	271	291	270	361	681	SM 2540D		50.0 - 100	50.0 - 100
Toxaphene	ug/L			ND	ND	ND	EPA 608	0.5	0.04 - 0.08	0.5
trans-1,2-Dichloroethene	ug/L			ND	ND	ND	EPA 624	1	0.16	0.50
Trichloroethene	ug/L			ND	ND	ND	EPA 624	2	0.28	0.50
Vinyl chloride	ug/L			ND	ND	ND	EPA 624	2	0.26	0.50
Zinc	ug/L			70.1	70.4	70.6	EPA 200.8	1	0.22 - 0.44	1.00

San Jose Creek WRP, East, Effluent Monitoring

San Jose Creek East Water Reclamation Plant
2014 EFF-002 Monitoring Results

Parameter	Units	January	February	March	April	May	June	July	August	September	October
1,1-Dichloroethane	ug/L		ND		ND		ND		ND		ND
1,1-Dichloroethene	ug/L		ND		ND		ND		ND		ND
1,1,1-Trichloroethane	ug/L		ND		ND		ND		ND		ND
1,1,2-Trichloroethane	ug/L		ND		ND		ND		ND		ND
1,1,2,2-Tetrachloroethane	ug/L		ND		ND		ND		ND		ND
1,2-Dichlorobenzene	ug/L		ND		ND		ND		ND		ND
1,2-Dichloroethane	ug/L		ND		ND		ND		ND		ND
1,2-Dichloropropane	ug/L		ND		ND		ND		ND		ND
1,2-Diphenylhydrazine	ug/L		ND						ND		
1,2,3-Trichloropropane	ug/L		DNQ Est. Conc. 0.0015						ND		
1,2,3,4,6,7,8-HeptaCDD	pg/L		DNQ Est. Conc. 4.7						ND		
1,2,3,4,6,7,8-HeptaCDF	pg/L		DNQ Est. Conc. 7.8						ND		
1,2,3,4,7,8-HexaCDD	pg/L		DNQ Est. Conc. 3.2						ND		
1,2,3,4,7,8-HexaCDF	pg/L		ND						ND		
1,2,3,4,7,8,9-HeptaCDF	pg/L		DNQ Est. Conc. 5.3						ND		
1,2,3,6,7,8-HexaCDD	pg/L		DNQ Est. Conc. 2.7						ND		
1,2,3,6,7,8-HexaCDF	pg/L		ND						ND		
1,2,3,7,8-PentaCDD	pg/L		ND						ND		
1,2,3,7,8-PentaCDF	pg/L		ND						ND		
1,2,3,7,8,9-HexaCDD	pg/L		DNQ Est. Conc. 3.2						ND		
1,2,3,7,8,9-HexaCDF	pg/L		DNQ Est. Conc. 3.3						ND		
1,2,4-Trichlorobenzene	ug/L		ND		ND		ND		ND		ND
1,3-Dichlorobenzene	ug/L		ND		ND		ND		ND		ND
1,3-Dichloropropene (Total)	ug/L		ND		ND				ND		ND
1,4-Dichlorobenzene	ug/L		ND		ND		ND		ND		ND
1,4-Dioxane	ug/L		0.85						0.94		
2-Chloroethyl vinyl ether (mixed)	ug/L		ND		ND		ND		ND		ND
2-Chloronaphthalene	ug/L		ND						ND		
2-Chlorophenol	ug/L		ND						ND		
2-Methyl-4,6-dinitrophenol	ug/L		ND						ND		
2-Nitrophenol	ug/L		ND						ND		
2,3,4,6,7,8-HexaCDF	pg/L		DNQ Est. Conc. 2.7						ND		
2,3,4,7,8-PentaCDF	pg/L		ND						ND		
2,3,7,8-TCDD	pg/L		ND						ND		
2,3,7,8-TetraCDF	pg/L		ND						ND		
2,4-Dichlorophenol	ug/L		ND						ND		
2,4-Dimethylphenol	ug/L		ND						ND		
2,4-Dinitrophenol	ug/L		ND						ND		
2,4-Dinitrotoluene	ug/L		ND						ND		
2,4,6-Trichlorophenol	ug/L		DNQ Est. Conc. 0.30		DNQ Est. Conc. 0.27		DNQ Est. Conc. 0.26		DNQ Est. Conc. 0.17		DNQ Est. Conc. 0.16
2,6-Dinitrotoluene	ug/L		ND						ND		
3-Methyl-4-chlorophenol	ug/L		ND						ND		
3,3'-Dichlorobenzidine	ug/L		ND						ND		
4-Bromophenyl phenyl ether	ug/L		ND						ND		
4-Chlorophenyl phenyl ether	ug/L		ND						ND		
4-Nitrophenol	ug/L		ND						ND		
4,4-DDT	ug/L		ND		ND		ND		ND		ND
4,4'-DDD	ug/L		ND		ND		ND		ND		ND
4,4'-DDE	ug/L		ND		ND		ND		ND		ND
Acenaphthene	ug/L		ND						ND		
Acenaphthylene	ug/L		ND						ND		
Acrolein	ug/L		ND						ND		
Acrylonitrile	ug/L		ND						ND		
Aldrin	ug/L		ND		ND		ND		ND		ND
alpha-BHC	ug/L		ND		ND		ND		ND		ND
Ammonia as nitrogen	mg/L	1.55	1.10	1.17	0.930	0.885	0.873	0.684	1.03	1.33	1.17
Anthracene	ug/L		ND						ND		
Antimony	ug/L		0.56			0.59			0.98		
Aroclor 1016	ug/L		ND		ND				ND		ND
Aroclor 1221	ug/L		ND		ND				ND		ND

San Jose Creek East Water Reclamation Plant
2014 EFF-002 Monitoring Results

Parameter	Units	November	December	Monthly Average			Limit		Method	ML	MDL	RL
				Minimum	Average	Maximum	Max Daily	Monthly Average				
1,1-Dichloroethane	ug/L		ND	ND	ND	ND			EPA 624	1	0.09 - 0.20	0.50
1,1-Dichloroethene	ug/L		ND	ND	ND	ND			EPA 624	2	0.11 - 0.32	0.50
1,1,1-Trichloroethane	ug/L		ND	ND	ND	ND			EPA 624	2	0.08 - 0.27	0.50
1,1,2-Trichloroethane	ug/L		ND	ND	ND	ND			EPA 624	2	0.07 - 0.14	0.50
1,1,2,2-Tetrachloroethane	ug/L		ND	ND	ND	ND			EPA 624	1	0.10 - 0.11	0.50
1,2-Dichlorobenzene	ug/L		ND	ND	ND	ND			EPA 624	2	0.07 - 0.16	0.50
1,2-Dichloroethane	ug/L		ND	ND	ND	ND			EPA 624	2	0.08 - 0.11	0.50
1,2-Dichloropropane	ug/L		ND	ND	ND	ND			EPA 624	1	0.12 - 0.18	0.50
1,2-Diphenylhydrazine	ug/L			ND	ND	ND			EPA 625	1	0.13	1.0
1,2,3-Trichloropropane	ug/L			ND	ND	DNQ Est. Conc. 0.0015			EPA 524.2		0.0012	0.0050
1,2,3,4,6,7,8-HeptaCDD	pg/L			ND	ND	DNQ Est. Conc. 4.7			EPA 1613B		0.87 - 2.2	52 - 55
1,2,3,4,6,7,8-HeptaCDF	pg/L			ND	ND	DNQ Est. Conc. 7.8			EPA 1613B		1.3 - 1.4	52 - 55
1,2,3,4,7,8-HexaCDD	pg/L			ND	ND	DNQ Est. Conc. 3.2			EPA 1613B		0.93 - 1.9	52 - 55
1,2,3,4,7,8-HexaCDF	pg/L			ND	ND	ND			EPA 1613B		1.0 - 1.6	52 - 55
1,2,3,4,7,8,9-HeptaCDF	pg/L			ND	ND	DNQ Est. Conc. 5.3			EPA 1613B		2.0	52 - 55
1,2,3,6,7,8-HexaCDD	pg/L			ND	ND	DNQ Est. Conc. 2.7			EPA 1613B		0.91 - 1.8	52 - 55
1,2,3,6,7,8-HexaCDF	pg/L			ND	ND	ND			EPA 1613B		0.85 - 1.5	52 - 55
1,2,3,7,8-PentaCDD	pg/L			ND	ND	ND			EPA 1613B		1.9 - 7.3	52 - 55
1,2,3,7,8-PentaCDF	pg/L			ND	ND	ND			EPA 1613B		2.0 - 6.9	52 - 55
1,2,3,7,8,9-HexaCDD	pg/L			ND	ND	DNQ Est. Conc. 3.2			EPA 1613B		0.74 - 1.7	52 - 55
1,2,3,7,8,9-HexaCDF	pg/L			ND	ND	DNQ Est. Conc. 3.3			EPA 1613B		0.90 - 1.9	52 - 55
1,2,4-Trichlorobenzene	ug/L		ND	ND	ND	ND			EPA 625	5	0.17	5.0
1,3-Dichlorobenzene	ug/L		ND	ND	ND	ND			EPA 624	2	0.08 - 0.22	0.50
1,3-Dichloropropene (Total)	ug/L			ND	ND	ND			EPA 624	2		0.50
1,4-Dichlorobenzene	ug/L		ND	ND	ND	ND			EPA 624	2	0.07 - 0.16	0.50
1,4-Dioxane	ug/L			0.85	0.90	0.94			SW-846 8270MOD 1,4-Dioxane		0.09 - 0.13	0.40
2-Chloroethyl vinyl ether (mixed)	ug/L		ND	ND	ND	ND			EPA 624	1	0.10 - 0.23	0.50
2-Chloronaphthalene	ug/L			ND	ND	ND			EPA 625	10	0.16	10.0
2-Chlorophenol	ug/L			ND	ND	ND			EPA 625	5	0.15	5.0
2-Methyl-4,6-dinitrophenol	ug/L			ND	ND	ND			EPA 625	5	1.3	5.0
2-Nitrophenol	ug/L			ND	ND	ND			EPA 625	10	0.20	10.0
2,3,4,6,7,8-HexaCDF	pg/L			ND	ND	DNQ Est. Conc. 2.7			EPA 1613B		0.80 - 1.5	52 - 55
2,3,4,7,8-PentaCDF	pg/L			ND	ND	ND			EPA 1613B		2.3 - 7.2	52 - 55
2,3,7,8-TCDD	pg/L			ND	ND	ND			EPA 1613B		0.64 - 3.1	10 - 11
2,3,7,8-TetraCDF	pg/L			ND	ND	ND			EPA 1613B		1.4 - 2.4	10 - 11
2,4-Dichlorophenol	ug/L			ND	ND	ND			EPA 625	5	0.15	5.0
2,4-Dimethylphenol	ug/L			ND	ND	ND			EPA 625	2	0.11	2.0
2,4-Dinitrophenol	ug/L			ND	ND	ND			EPA 625	5	1.7	5.0
2,4-Dinitrotoluene	ug/L			ND	ND	ND			EPA 625	5	0.20	5.0
2,4,6-Trichlorophenol	ug/L		DNQ Est. Conc. 0.17	DNQ Est. Conc. 0.16	ND	DNQ Est. Conc. 0.30			EPA 625	10	0.12	10.0
2,6-Dinitrotoluene	ug/L			ND	ND	ND			EPA 625	5	0.22	5.0
3-Methyl-4-chlorophenol	ug/L			ND	ND	ND			EPA 625	1	0.13	1.0
3,3'-Dichlorobenzidine	ug/L			ND	ND	ND			EPA 625	5	1.2	5.0
4-Bromophenyl phenyl ether	ug/L			ND	ND	ND			EPA 625	5	0.21	5.0
4-Chlorophenyl phenyl ether	ug/L			ND	ND	ND			EPA 625	5	0.17	5.0
4-Nitrophenol	ug/L			ND	ND	ND			EPA 625	10	1.4	10.0
4,4-DDT	ug/L		ND	ND	ND	ND			EPA 608	0.01	0.001 - 0.003	0.01
4,4'-DDD	ug/L		ND	ND	ND	ND			EPA 608	0.05	0.001 - 0.002	0.01
4,4'-DDE	ug/L		ND	ND	ND	ND			EPA 608	0.05	0.001 - 0.002	0.01
Acenaphthene	ug/L			ND	ND	ND			EPA 625	1	0.15	1.0
Acenaphthylene	ug/L			ND	ND	ND			EPA 625	10	0.14	10.0
Acrolein	ug/L			ND	ND	ND			EPA 624		1.3	2.0
Acrylonitrile	ug/L			ND	ND	ND			EPA 624		0.20	2.0
Aldrin	ug/L		ND	ND	ND	ND			EPA 608	0.005	0.0009 - 0.002	0.005
alpha-BHC	ug/L		ND	ND	ND	ND			EPA 608	0.01	0.001 - 0.002	0.01
Ammonia as nitrogen	mg/L	1.31	1.32	0.684	1.11	1.55	5.1 (1) / 8.6 (2)	3.5 (1) / 4.4 (2)	SM 4500 NH3 G		0.020 - 0.040	0.100 - 0.200
Anthracene	ug/L			ND	ND	ND			EPA 625	10	0.18	10.0
Antimony	ug/L	0.59		0.56	0.68	0.98			EPA 200.8	0.5	0.05 - 0.13	0.50
Aroclor 1016	ug/L			ND	ND	ND			EPA 608	0.5	0.02 - 0.04	0.1
Aroclor 1221	ug/L			ND	ND	ND			EPA 608	0.5	0.2	0.5

San Jose Creek East Water Reclamation Plant
2014 EFF-002 Monitoring Results

Parameter	Units	January	February	March	April	May	June	July	August	September	October
Aroclor 1232	ug/L		ND		ND				ND		ND
Aroclor 1242	ug/L		ND		ND		ND		ND		ND
Aroclor 1248	ug/L		ND		ND				ND		ND
Aroclor 1254	ug/L		ND		ND		ND		ND		ND
Aroclor 1260	ug/L		ND		ND				ND		ND
Arsenic	ug/L		1.34			1.12	1.44		1.58		
Barium	ug/L		82.4				82.1		85.1		
Benzene	ug/L		ND		ND		ND		ND		ND
Benzidine	ug/L		ND						ND		
Benzo(a)anthracene	ug/L		ND						ND		
Benzo(a)pyrene	ug/L		ND						ND		
Benzo(b)fluoranthene	ug/L		ND						ND		
Benzo(g,h,i)perylene	ug/L		ND						ND		
Benzo(k)fluoranthene	ug/L		ND						ND		
Beryllium	ug/L		ND			ND			ND		
beta-BHC	ug/L		ND		ND		ND		ND		ND
bis(2-Chloroethoxy) methane	ug/L		ND						ND		
bis(2-Chloroethyl) ether	ug/L		ND						ND		
bis(2-Chloroisopropyl) ether	ug/L		ND						ND		
bis(2-Ethylhexyl) phthalate	ug/L		ND		ND		ND		ND		ND
Boron	mg/L	0.27	0.28	0.28	0.29	0.29	0.27	0.30	0.31	0.34	0.28
Bromodichloromethane	ug/L		4.2		2.5		4.1		6.6		2.7
Bromoform	ug/L		ND		ND		ND		ND		ND
Butyl benzyl phthalate	ug/L		ND						ND		
Cadmium	ug/L		ND			ND	ND		ND		
Carbon tetrachloride	ug/L		ND		ND		ND		ND		ND
Chloride	mg/L	138	142	158	157	158	148	142	146	147	152
Chlorobenzene	ug/L		ND		ND		ND		ND		ND
Chlorodibromomethane	ug/L		0.80		0.55		DNQ Est. Conc. 0.48		1.0		DNQ Est. Conc. 0.39
Chloroethane	ug/L		ND		ND		ND		ND		ND
Chloroform	ug/L		14.7		6.0		10		17.9		8.9
Chromium III	ug/L		0.90			0.73	0.59		0.71		
Chromium VI	ug/L		ND			0.07	0.15		0.08		
Chromium, total (24-hour composite)	ug/L		1.18			0.81	0.64		0.80		
Chromium, total	ug/L		0.90			0.80	0.73		0.79		
Chrysene	ug/L		ND						ND		
Copper	ug/L	4.90	4.85	3.19	3.56	4.88	3.52	4.13	3.35	3.15	4.05
delta-BHC	ug/L		ND		ND		ND		ND		ND
Demeton (total)	ug/L		ND						ND		
Di-n-butyl phthalate	ug/L		ND						ND		
Di-n-octyl phthalate	ug/L		ND						ND		
Diazinon	ug/L		ND						ND		
Dibenzo(a,h)anthracene	ug/L		ND						ND		
Dieldrin	ug/L		ND		ND		ND		ND		ND
Diethyl phthalate	ug/L		ND						ND		
Dimethyl phthalate	ug/L		ND						ND		
Dissolved oxygen	mg/L	6.9	7.1	6.8	6.3	6.0	5.8	6.1	6.0	4.2	2.4
E. coli	No./100mL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan II	ug/L		ND						ND		
Endosulfan I	ug/L		ND						ND		
Endosulfan sulfate	ug/L		ND						ND		
Endrin aldehyde	ug/L		ND						ND		
Endrin	ug/L		ND		ND		ND		ND		ND
Ethylbenzene	ug/L		ND		ND		ND		ND		ND
Fecal coliform	No./100mL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	ug/L		ND		ND		ND		ND		ND
Fluorene	ug/L		ND						ND		
Fluoride	mg/L		0.507		0.464		0.557		0.558		0.497
gamma-BHC (Lindane)	ug/L		ND		DNQ Est. Conc. 0.004		ND		ND		ND
Gross alpha radioactivity	pCi/L		ND				1.01		2.76		

San Jose Creek East Water Reclamation Plant
2014 EFF-002 Monitoring Results

Parameter	Units	November	December	Monthly Average			Limit		Method	ML	MDL	RL
				Minimum	Average	Maximum	Max Daily	Monthly Average				
Aroclor 1232	ug/L			ND	ND	ND			EPA 608	0.5	0.09 - 0.2	0.3
Aroclor 1242	ug/L		ND	ND	ND	ND			EPA 608	0.5	0.02 - 0.08	0.1
Aroclor 1248	ug/L			ND	ND	ND			EPA 608	0.5	0.02 - 0.04	0.1
Aroclor 1254	ug/L		ND	ND	ND	ND			EPA 608	0.5	0.01 - 0.03	0.05
Aroclor 1260	ug/L			ND	ND	ND			EPA 608	0.5	0.01 - 0.05	0.1
Arsenic	ug/L	1.55	1.44	1.12	1.41	1.58			EPA 200.8	2	0.16	1.00
Barium	ug/L		79.5	79.5	82.3	85.1			EPA 200.8		0.06 - 0.07	0.50
Benzene	ug/L		ND	ND	ND	ND			EPA 624	2	0.13 - 0.24	0.50
Benzidine	ug/L			ND	ND	ND			EPA 625	5	1.7	5.0
Benzo(a)anthracene	ug/L			ND	ND	ND			EPA 625	5	0.19	5.0
Benzo(a)pyrene	ug/L			ND	ND	ND			EPA 610	10	0.007	0.020
Benzo(b)fluoranthene	ug/L			ND	ND	ND			EPA 610	10	0.004	0.020
Benzo(g,h,i)perylene	ug/L			ND	ND	ND			EPA 625	5	0.19	5.0
Benzo(k)fluoranthene	ug/L			ND	ND	ND			EPA 610	10	0.005	0.020
Beryllium	ug/L	ND		ND	ND	ND			EPA 200.8	0.5	0.010 - 0.040	0.25
beta-BHC	ug/L		ND	ND	ND	ND			EPA 608	0.005	0.002 - 0.003	0.005
bis(2-Chloroethoxy) methane	ug/L			ND	ND	ND			EPA 625	5	0.13	5.0
bis(2-Chloroethyl) ether	ug/L			ND	ND	ND			EPA 625	1	0.19	1.0
bis(2-Chloroisopropyl) ether	ug/L			ND	ND	ND			EPA 625	2	0.16	2.0
bis(2-Ethylhexyl) phthalate	ug/L		ND	ND	ND	ND			EPA 625	5	0.25	2.0
Boron	mg/L	0.35	0.29	0.27	0.30	0.35		1.0	EPA 200.8		0.002 - 0.005	0.020
Bromodichloromethane	ug/L		3.6	2.5	4.0	6.6			EPA 624	2	0.08 - 0.17	0.50
Bromoform	ug/L		ND	ND	ND	ND			EPA 624	2	0.10 - 0.17	0.50
Butyl benzyl phthalate	ug/L			ND	ND	ND			EPA 625	10	0.16	10.0
Cadmium	ug/L	ND	ND	ND	ND	ND			EPA 200.8	0.25	0.040 - 0.070	0.20
Carbon tetrachloride	ug/L		ND	ND	ND	ND			EPA 624	2	0.07 - 0.28	0.50
Chloride	mg/L	152	144	138	149	158		180	EPA 300.0		0.258 - 0.600	5.00 - 10.0
Chlorobenzene	ug/L		ND	ND	ND	ND			EPA 624	2	0.09 - 0.17	0.50
Chlorodibromomethane	ug/L		0.60	DNQ Est. Conc. 0.39	0.49	1.0			EPA 624	2	0.06 - 0.14	0.50
Chloroethane	ug/L		ND	ND	ND	ND			EPA 624	2	0.13 - 0.33	0.50
Chloroform	ug/L		8.6	6.0	11	17.9			EPA 624	2	0.12 - 0.19	0.50
Chromium III	ug/L	0.81	0.75	0.59	0.75	0.90			EPA 200.8			0.50
Chromium VI	ug/L	0.07	0.12	ND	0.08	0.15			EPA 218.6 (Dissolved)		0.0048 - 0.02	0.05 - 0.30
Chromium, total (24-hour composite)	ug/L	1.18	0.71	0.64	0.89	1.18			EPA 200.8	0.5	0.04 - 0.07	0.50
Chromium, total	ug/L	0.88	0.86	0.73	0.83	0.90			EPA 200.8	0.5	0.04 - 0.07	0.50
Chrysene	ug/L			ND	ND	ND			EPA 610	10	0.005	0.020
Copper	ug/L	3.65	2.93	2.93	3.85	4.90			EPA 200.8	0.5	0.04 - 0.08	0.50
delta-BHC	ug/L		ND	ND	ND	ND			EPA 608	0.005	0.003 - 0.004	0.005
Demeton (total)	ug/L			ND	ND	ND			SW-846 8141A			
Di-n-butyl phthalate	ug/L			ND	ND	ND			EPA 625	10	0.16	10.0
Di-n-octyl phthalate	ug/L			ND	ND	ND			EPA 625	10	0.16	10.0
Diazinon	ug/L			ND	ND	ND			SW-846 8141A		0.0060	0.10
Dibenzo(a,h)anthracene	ug/L			ND	ND	ND			EPA 610	10	0.004	0.020
Dieldrin	ug/L		ND	ND	ND	ND			EPA 608	0.01	0.001	0.01
Diethyl phthalate	ug/L			ND	ND	ND			EPA 625	2	0.21	2.0
Dimethyl phthalate	ug/L			ND	ND	ND			EPA 625	2	0.19	2.0
Dissolved oxygen	mg/L	5.4	4.1	2.4	5.6	7.1			SM 4500 O G		0.1	1.0
E. coli	No./100mL	ND	ND	ND	ND	ND			SM 9223		1.1	1.1
Endosulfan II	ug/L			ND	ND	ND			EPA 608	0.01	0.001 - 0.003	0.01
Endosulfan I	ug/L			ND	ND	ND			EPA 608	0.02	0.001	0.01
Endosulfan sulfate	ug/L			ND	ND	ND			EPA 608	0.05	0.002 - 0.009	0.01
Endrin aldehyde	ug/L			ND	ND	ND			EPA 608	0.01	0.001 - 0.002	0.01
Endrin	ug/L		ND	ND	ND	ND			EPA 608	0.01	0.001 - 0.002	0.01
Ethylbenzene	ug/L		ND	ND	ND	ND			EPA 624	2	0.06 - 0.19	0.50
Fecal coliform	No./100mL	ND	ND	ND	ND	ND			SM 9221E & SM 9222D		1 - 1.8	1 - 1.8
Fluoranthene	ug/L		ND	ND	ND	ND			EPA 625	1	0.19	1.0
Fluorene	ug/L			ND	ND	ND			EPA 625	10	0.18	10.0
Fluoride	mg/L		0.427	0.427	0.502	0.558			SM 4500 F C		0.003 - 0.004	0.100
gamma-BHC (Lindane)	ug/L		ND	ND	ND	DNQ Est. Conc. 0.004			EPA 608	0.02	0.0009 - 0.001	0.01
Gross alpha radioactivity	pCi/L		ND	ND	0.943	2.76			EPA 900.0		1.25 - 1.82	1.25 - 1.82

San Jose Creek East Water Reclamation Plant
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Parameter	Units	January	February	March	April	May	June	July	August	September	October
Gross beta radioactivity	pCi/L		3.93				6.32		5.69		
Guthion	ug/L		ND						ND		
Heptachlor epoxide	ug/L		ND		ND		ND		ND		ND
Heptachlor	ug/L		ND		ND		ND		ND		ND
Hexachlorobenzene	ug/L		ND						ND		
Hexachlorobutadiene	ug/L		ND						ND		
Hexachlorocyclopentadiene	ug/L		ND						ND		
Hexachloroethane	ug/L		ND						ND		
Indeno (1,2,3-cd) pyrene	ug/L		ND						ND		
Iron	ug/L		55				40		38		
Isophorone	ug/L		ND						ND		
Lead	ug/L	0.47	0.41	0.53	0.54	0.29	DNQ Est. Conc. 0.21	0.48	DNQ Est. Conc. 0.15	DNQ Est. Conc. 0.17	0.26
Malathion	ug/L		ND						ND		
Mercury	ug/L		0.0012			0.00090	0.00022		0.0011		
Methoxychlor	ug/L		ND		ND		ND		ND		ND
Methyl bromide (Bromomethane)	ug/L		ND		ND		ND		ND		ND
Methyl chloride (Chloromethane)	ug/L		ND		ND		ND		ND		ND
Methyl tert-butyl ether (MTBE)	ug/L		ND						ND		
Methylene chloride	ug/L		DNQ Est. Conc. 0.25		ND		DNQ Est. Conc. 0.19		ND		DNQ Est. Conc. 0.13
Mirex	ug/L		ND						ND		
n-Nitrosodi-n-propylamine	ug/L		ND						ND		
n-Nitrosodimethylamine (NDMA)	ug/L	0.56	0.33	0.22	0.49	0.43	0.40	0.50	0.32	0.36	0.55
n-Nitrosodiphenylamine	ug/L		ND						ND		
Naphthalene	ug/L		ND						ND		
Nickel	ug/L		2.47			1.94	2.86		2.10		
Nitrate as nitrogen	mg/L	4.66	4.20	3.70	4.96	4.87	4.61	5.94	4.45	6.35	7.74
Nitrite as nitrogen	mg/L	0.105	0.162	ND	0.12	ND	0.036	0.041	0.033	0.050	0.127
Nitrobenzene	ug/L		ND						ND		
OctaCDD	pg/L		DNQ Est. Conc. 11						DNQ Est. Conc. 5.5		
OctaCDF	pg/L		DNQ Est. Conc. 14						ND		
Oil and grease	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Organic nitrogen	mg/L	0.868	0.960	1.73	1.09	ND	1.30	0.486	1.96	1.67	0.850
Parathion	ug/L		ND						ND		
Pentachlorophenol	ug/L		ND		ND		ND		ND		ND
Perchlorate	ug/L		0.46						0.52		
pH	SU	7.1	7.1	7.1	7.1	7.0	7.1	7.2	7.2	7.1	7.0
pH (Reuse)	SU	7.1	7.1	7.1	7.1	7.1	7.1	7.0	7.1	7.1	7.0
Phenanthrene	ug/L		ND		ND		ND		ND		ND
Phenol	ug/L		ND		DNQ Est. Conc. 0.23		DNQ Est. Conc. 0.15		DNQ Est. Conc. 0.20		DNQ Est. Conc. 0.19
Polychlorinated biphenyls (PCBs)	ug/L		ND		ND		ND		ND		ND
Pyrene	ug/L		ND						ND		
Selenium	ug/L	DNQ Est. Conc. 0.64	DNQ Est. Conc. 0.76	DNQ Est. Conc. 0.70	DNQ Est. Conc. 0.59	DNQ Est. Conc. 0.80	DNQ Est. Conc. 0.57	DNQ Est. Conc. 0.52	DNQ Est. Conc. 0.41	DNQ Est. Conc. 0.41	DNQ Est. Conc. 0.40
Settleable solids	mL/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	ug/L		ND			ND	ND		ND		
Strontium-90	pCi/L		0.346				0.715		ND		
Sulfate	mg/L	121	122	122	120	139	139	134	131	146	140
Surfactant (CTAS)	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Surfactant (MBAS)	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Technical Chlordane	ug/L		ND						ND		
Temperature (SJC)	Degrees F	75.4	75.5	75.8	77.6	81.5	82.8	84.0	84.8	86.9	82.1
Tetrachloroethene	ug/L		ND		ND		ND		ND		ND
Thallium	ug/L		ND			ND			ND		
Toluene	ug/L		ND		DNQ Est. Conc. 0.17		ND		DNQ Est. Conc. 0.40		ND
Total BOD 20C	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total chlorinated hydrocarbons (TICH)	ug/L		ND			ND			ND		
Total coliform	No./100mL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total coliform, City of Industry	No./100mL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total cyanide	ug/L		ND			ND			DNQ Est. Conc. 1.17		
Total dissolved solids	mg/L	694	644	642	608	612	666	668	630	726	692
Total hardness (CaCO3)	mg/L	216	224	219	230	223	236	234	227	239	249

San Jose Creek East Water Reclamation Plant
2014 EFF-002 Monitoring Results

Parameter	Units	November	December	Monthly Average			Limit		Method	ML	MDL	RL
				Minimum	Average	Maximum	Max Daily	Monthly Average				
Gross beta radioactivity	pCi/L		1.31	1.31	4.31	6.32			EPA 900.0		1.07 - 1.71	1.07 - 1.71
Guthion	ug/L			ND	ND	ND			SW-846 8141A		0.0070	0.10
Heptachlor epoxide	ug/L		ND	ND	ND	ND			EPA 608	0.01	0.001	0.01
Heptachlor	ug/L		ND	ND	ND	ND			EPA 608	0.01	0.0008 - 0.001	0.01
Hexachlorobenzene	ug/L			ND	ND	ND			EPA 625	1	0.18	1.0
Hexachlorobutadiene	ug/L			ND	ND	ND			EPA 625	1	0.14	1.0
Hexachlorocyclopentadiene	ug/L			ND	ND	ND			EPA 625	5	0.75	5.0
Hexachloroethane	ug/L			ND	ND	ND			EPA 625	1	0.14	1.0
Indeno (1,2,3-cd) pyrene	ug/L			ND	ND	ND			EPA 610	10	0.004	0.020
Iron	ug/L		45	38	45	55			EPA 200.8		3 - 5	20
Isophorone	ug/L			ND	ND	ND			EPA 625	1	0.13	1.0
Lead	ug/L	0.31	DNQ Est. Conc. 0.22	DNQ Est. Conc. 0.15	0.27	0.54	19	5.9	EPA 200.8	0.5	0.03	0.25
Malathion	ug/L			ND	ND	ND			SW-846 8141A		0.23	0.25
Mercury	ug/L	0.0014	0.00064	0.00022	0.00091	0.0014			EPA 1631	0.5	0.00011	0.00020
Methoxychlor	ug/L		ND	ND	ND	ND			EPA 608		0.001	0.01
Methyl bromide (Bromomethane)	ug/L		ND	ND	ND	ND			EPA 624	2	0.30 - 0.34	0.50
Methyl chloride (Chloromethane)	ug/L		ND	ND	ND	ND			EPA 624	2	0.19 - 0.36	0.50
Methyl tert-butyl ether (MTBE)	ug/L			ND	ND	ND			EPA 624		0.12	0.50
Methylene chloride	ug/L		ND	ND	ND	DNQ Est. Conc. 0.25			EPA 624	2	0.09 - 0.27	0.50
Mirex	ug/L			ND	ND	ND			EPA 608		0.002 - 0.003	0.05
n-Nitrosodi-n-propylamine	ug/L			ND	ND	ND			EPA 625	5	0.12	5.0
n-Nitrosodimethylamine (NDMA)	ug/L	0.52	0.55	0.22	0.44	0.56			EPA 1625 (Modified)	5	0.0005	0.0020
n-Nitrosodiphenylamine	ug/L			ND	ND	ND			EPA 625	1	0.15	1.0
Naphthalene	ug/L			ND	ND	ND			EPA 625	1	0.18	1.0
Nickel	ug/L	3.19	5.78	1.94	3.06	5.78			EPA 200.8	1	0.10 - 0.13	1.00
Nitrate as nitrogen	mg/L	6.21	4.16	3.70	5.15	7.74			SM 4500 NO3 F		0.030	0.200
Nitrite as nitrogen	mg/L	0.177	0.087	ND	0.078	0.177		1	SM 4500 NO3 F		0.003	0.030
Nitrobenzene	ug/L			ND	ND	ND			EPA 625	1	0.22	1.0
OctaCDD	pg/L			DNQ Est. Conc. 5.5	ND	DNQ Est. Conc. 11			EPA 1613B		1.1 - 2.8	100 - 110
OctaCDF	pg/L			ND	ND	DNQ Est. Conc. 14			EPA 1613B		1.1 - 3.6	100 - 110
Oil and grease	mg/L	ND	ND	ND	ND	ND	15	10	EPA 1664A		0.8 - 0.9	4.2 - 4.6
Organic nitrogen	mg/L	1.33	2.44	ND	1.22	2.44			EPA 351.2 & SM 4500 NH3 G		0.050 - 0.135	0.200
Parathion	ug/L			ND	ND	ND			SW-846 8141A		0.085	0.25
Pentachlorophenol	ug/L		ND	ND	ND	ND			EPA 625	5	0.38	1.0
Perchlorate	ug/L			0.46	0.49	0.52			EPA 331.0		0.0201	0.05
pH	SU	7.0	7.1	7.0	7.1	7.2			SM 4500 H+ B		1.00	4.00
pH (Reuse)	SU	7.1	7.1	7.0	7.1	7.1			SM 4500 H+ B		1.00	4.00
Phenanthrene	ug/L		ND	ND	ND	ND			EPA 625	5	0.19	5.0
Phenol	ug/L		DNQ Est. Conc. 0.18	ND	ND	DNQ Est. Conc. 0.23			EPA 625	1	0.14	1.0
Polychlorinated biphenyls (PCBs)	ug/L		ND	ND	ND	ND			EPA 608			
Pyrene	ug/L			ND	ND	ND			EPA 625	10	0.19	10.0
Selenium	ug/L	DNQ Est. Conc. 0.37	DNQ Est. Conc. 0.38	DNQ Est. Conc. 0.37	ND	DNQ Est. Conc. 0.80	7.1	4.4	EPA 200.8	2	0.04 - 0.17	1.00
Settleable solids	mL/L	ND	ND	ND	ND	ND	0.3	0.1	SM 2540F		0.1	0.1
Silver	ug/L	ND	ND	ND	ND	ND			EPA 200.8	0.25	0.03	0.20
Strontium-90	pCi/L		ND	ND	0.265	0.715		8	EPA 905.0		0.606 - 0.682	0.606 - 0.682
Sulfate	mg/L	123	116	116	129	146		300	EPA 300.0		0.240 - 1.15	1.25 - 2.50
Surfactant (CTAS)	mg/L	ND	ND	ND	ND	ND			SM 5540D		0.023 - 0.10	0.10 - 0.20
Surfactant (MBAS)	mg/L	0.15	ND	ND	0.013	0.15		0.5	SM 5540C		0.03	0.10
Technical Chlordane	ug/L			ND	ND	ND			EPA 608	0.1	0.01 - 0.03	0.05
Temperature (SJC)	Degrees F	80.8	76.4	75.4	80.3	86.9	86		EPA 170.1 (oF)			
Tetrachloroethene	ug/L		ND	ND	ND	ND			EPA 624	2	0.12 - 0.40	0.50
Thallium	ug/L	ND		ND	ND	ND			EPA 200.8	1	0.020	0.25
Toluene	ug/L		ND	ND	ND	DNQ Est. Conc. 0.40			EPA 624	2	0.12 - 0.19	0.50
Total BOD 20C	mg/L	ND	ND	ND	ND	ND	45	20	SM 5210B		0.6	3.0
Total chlorinated hydrocarbons (TICH)	ug/L	ND		ND	ND	ND			EPA 608			
Total coliform	No./100mL	ND	ND	ND	ND	ND	23 (3)		SM 9221B & SM 9222B		1 - 1.8	1 - 1.8
Total coliform, City of Industry	No./100mL	ND	ND	ND	ND	ND			SM 9222B		1	1
Total cyanide	ug/L	DNQ Est. Conc. 1.58		ND	ND	DNQ Est. Conc. 1.58			SM 4500 CN E	5	1.00	5.00
Total dissolved solids	mg/L	679	635	608	658	726		750	SM 2540C		5.4 - 7.7	50.0 - 71.4
Total hardness (CaCO3)	mg/L	232	227	216	230	249			EPA 200.8 & SM 2340C			0.05 - 10

San Jose Creek East Water Reclamation Plant
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Parameter	Units	January	February	March	April	May	June	July	August	September	October
Total nitrogen	mg/L	7.18	6.42	6.63	6.35	5.87	6.56	7.15	7.47	9.40	9.89
Total residual chlorine (SJC)	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total suspended solids	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Trihalomethanes	ug/L		19.7		9.0		15.0		25.5		11.6
Toxaphene	ug/L		ND		ND		ND		ND		ND
Toxic equivalence	pg/L		ND						ND		
trans-1,2-Dichloroethene	ug/L		ND		ND		ND		ND		ND
Trichloroethene	ug/L		ND		ND		ND		ND		ND
Tritium	pCi/L		183				267		235		
Turbidity (flow proportioned avg daily value)	NTU	0.82	0.52	0.50	0.51	0.54	0.43	0.48	0.55	0.63	0.69
Uranium	pCi/L		0.467				0.163		0.000		
Vinyl chloride	ug/L		ND		ND		ND		ND		ND
Zinc	ug/L		57.4			49.0	42.5		32.1		

San Jose Creek East Water Reclamation Plant
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Parameter	Units	November	December	Monthly Average			Limit		Method	ML	MDL	RL
				Minimum	Average	Maximum	Max Daily	Monthly Average				
Total nitrogen	mg/L	9.03	8.01	5.87	7.50	9.89			Total Nitrogen Calculation			0.200
Total residual chlorine (SJC)	mg/L	ND	ND	ND	ND	ND	0.1		SM 4500 Cl C		0.05	0.05
Total suspended solids	mg/L	ND	ND	ND	ND	ND	45	15	SM 2540D		2.5	2.5
Total Trihalomethanes	ug/L		12.8	9.0	16	25.5			EPA 624			0.50
Toxaphene	ug/L		ND	ND	ND	ND			EPA 608	0.5	0.04 - 0.08	0.5
Toxic equivalence	pg/L			ND	ND	ND			EPA 1613B			
trans-1,2-Dichloroethene	ug/L		ND	ND	ND	ND			EPA 624	1	0.16 - 0.26	0.50
Trichloroethene	ug/L		ND	ND	ND	ND			EPA 624	2	0.11 - 0.32	0.50
Tritium	pCi/L		ND	ND	171	267		20000	EPA 906.0		434	434
Turbidity (flow proportioned avg daily value)	NTU	0.71	0.50	0.43	0.57	0.82	2		SM 2130B		0.12	0.12
Uranium	pCi/L		0.091	0.000	0.180	0.467			EPA 908.0		0.300	0.300
Vinyl chloride	ug/L		ND	ND	ND	ND			EPA 624	2	0.12 - 0.37	0.50
Zinc	ug/L	51.7	59.1	32.1	48.6	59.1			EPA 200.8	1	0.22 - 0.44	1.00

(1) Effluent ammonia limit effective from April1 to September 30.
(2) Effluent ammonia limit effective from October1 to March 31.
(3) Total coliform bacteria cannot exceed 23/100 mL in more than one sample during any 30-day period.

San Jose Creek WRP, West, Influent Monitoring

San Jose Creek West Water Reclamation Plant
2014 INF-002 Monitoring Results

Parameter	Units	January	February	March	April	May	June	July	August	September	October
1,1-Dichloroethane	ug/L		ND						ND		
1,1-Dichloroethene	ug/L		ND						ND		
1,1,1-Trichloroethane	ug/L		ND						ND		
1,1,2-Trichloroethane	ug/L		ND						ND		
1,1,2,2-Tetrachloroethane	ug/L		ND						ND		
1,2-Dichlorobenzene	ug/L		ND						ND		
1,2-Dichloroethane	ug/L		ND						ND		
1,2-Dichloropropane	ug/L		ND						ND		
1,2-Diphenylhydrazine	ug/L		ND						ND		
1,2,4-Trichlorobenzene	ug/L		ND						ND		
1,3-Dichlorobenzene	ug/L		ND						ND		
1,3-Dichloropropene (Total)	ug/L		ND						ND		
1,4-Dichlorobenzene	ug/L		ND						ND		
2-Chloroethyl vinyl ether (mixed)	ug/L		ND						ND		
2-Chloronaphthalene	ug/L		ND						ND		
2-Chlorophenol	ug/L		ND						ND		
2-Methyl-4,6-dinitrophenol	ug/L		ND						ND		
2-Nitrophenol	ug/L		ND						ND		
2,4-Dichlorophenol	ug/L		ND						ND		
2,4-Dimethylphenol	ug/L		ND						ND		
2,4-Dinitrophenol	ug/L		ND						ND		
2,4-Dinitrotoluene	ug/L		ND						ND		
2,4,6-Trichlorophenol	ug/L		ND						ND		
2,6-Dinitrotoluene	ug/L		ND						ND		
3-Methyl-4-chlorophenol	ug/L		ND						ND		
3,3'-Dichlorobenzidine	ug/L		ND						ND		
4-Bromophenyl phenyl ether	ug/L		ND						ND		
4-Chlorophenyl phenyl ether	ug/L		ND						ND		
4-Nitrophenol	ug/L		ND						ND		
4,4-DDT	ug/L		ND						ND		
4,4'-DDD	ug/L		ND						ND		
4,4'-DDE	ug/L		ND						ND		
Acenaphthene	ug/L		ND						ND		
Acenaphthylene	ug/L		ND						ND		
Acrolein	ug/L		ND						ND		
Acrylonitrile	ug/L		ND						ND		
Aldrin	ug/L		ND						ND		
alpha-BHC	ug/L		ND						ND		
Anthracene	ug/L		ND						ND		
Antimony	ug/L		0.89						0.70		
Aroclor 1016	ug/L		ND						ND		
Aroclor 1221	ug/L		ND						ND		
Aroclor 1232	ug/L		ND						ND		
Aroclor 1242	ug/L		ND						ND		
Aroclor 1248	ug/L		ND						ND		
Aroclor 1254	ug/L		ND						ND		
Aroclor 1260	ug/L		ND						ND		
Arsenic	ug/L		2.15						1.52		
Benzene	ug/L		ND						ND		
Benzidine	ug/L		ND						ND		
Benzo(a)anthracene	ug/L		ND						ND		
Benzo(a)pyrene	ug/L		ND						ND		
Benzo(b)fluoranthene	ug/L		ND						ND		
Benzo(g,h,i)perylene	ug/L		ND						ND		
Benzo(k)fluoranthene	ug/L		ND						ND		
Beryllium	ug/L		ND						ND		
beta-BHC	ug/L		ND						ND		
bis(2-Chloroethoxy) methane	ug/L		ND						ND		
bis(2-Chloroethyl) ether	ug/L		ND						ND		
bis(2-Chloroisopropyl) ether	ug/L		ND						ND		

San Jose Creek West Water Reclamation Plant
2014 INF-002 Monitoring Results

Parameter	Units	November	December	Monthly Average			Method	ML	MDL	RL
				Minimum	Average	Maximum				
1,1-Dichloroethane	ug/L			ND	ND	ND	EPA 624	1	0.20	0.50
1,1-Dichloroethene	ug/L			ND	ND	ND	EPA 624	2	0.32	0.50
1,1,1-Trichloroethane	ug/L			ND	ND	ND	EPA 624	2	0.21	0.50
1,1,2-Trichloroethane	ug/L			ND	ND	ND	EPA 624	2	0.09	0.50
1,1,2,2-Tetrachloroethane	ug/L			ND	ND	ND	EPA 624	1	0.11	0.50
1,2-Dichlorobenzene	ug/L			ND	ND	ND	EPA 624	2	0.07	0.50
1,2-Dichloroethane	ug/L			ND	ND	ND	EPA 624	2	0.11	0.50
1,2-Dichloropropane	ug/L			ND	ND	ND	EPA 624	1	0.18	0.50
1,2-Diphenylhydrazine	ug/L			ND	ND	ND	EPA 625	1	1.3	10.0
1,2,4-Trichlorobenzene	ug/L			ND	ND	ND	EPA 625	5	1.7	50.0
1,3-Dichlorobenzene	ug/L			ND	ND	ND	EPA 624	2	0.08	0.50
1,3-Dichloropropene (Total)	ug/L			ND	ND	ND	EPA 624	2		0.50
1,4-Dichlorobenzene	ug/L			ND	ND	ND	EPA 624	2	0.16	0.50
2-Chloroethyl vinyl ether (mixed)	ug/L			ND	ND	ND	EPA 624	1	0.12	0.50
2-Chloronaphthalene	ug/L			ND	ND	ND	EPA 625	10	1.6	100
2-Chlorophenol	ug/L			ND	ND	ND	EPA 625	5	1.5	50.0
2-Methyl-4,6-dinitrophenol	ug/L			ND	ND	ND	EPA 625	5	13.1	50.0
2-Nitrophenol	ug/L			ND	ND	ND	EPA 625	10	2.0	100
2,4-Dichlorophenol	ug/L			ND	ND	ND	EPA 625	5	1.5	50.0
2,4-Dimethylphenol	ug/L			ND	ND	ND	EPA 625	2	1.1	20.0
2,4-Dinitrophenol	ug/L			ND	ND	ND	EPA 625	5	17.3	50.0
2,4-Dinitrotoluene	ug/L			ND	ND	ND	EPA 625	5	2.0	50.0
2,4,6-Trichlorophenol	ug/L			ND	ND	ND	EPA 625	10	1.2	100
2,6-Dinitrotoluene	ug/L			ND	ND	ND	EPA 625	5	2.2	50.0
3-Methyl-4-chlorophenol	ug/L			ND	ND	ND	EPA 625	1	1.3	10.0
3,3'-Dichlorobenzidine	ug/L			ND	ND	ND	EPA 625	5	11.6	50.0
4-Bromophenyl phenyl ether	ug/L			ND	ND	ND	EPA 625	5	2.1	50.0
4-Chlorophenyl phenyl ether	ug/L			ND	ND	ND	EPA 625	5	1.7	50.0
4-Nitrophenol	ug/L			ND	ND	ND	EPA 625	10	13.7	100
4,4-DDT	ug/L			ND	ND	ND	EPA 608	0.01	0.001 - 0.003	0.01
4,4'-DDD	ug/L			ND	ND	ND	EPA 608	0.05	0.001 - 0.002	0.01
4,4'-DDE	ug/L			ND	ND	ND	EPA 608	0.05	0.001 - 0.002	0.01
Acenaphthene	ug/L			ND	ND	ND	EPA 625	1	1.5	10.0
Acenaphthylene	ug/L			ND	ND	ND	EPA 625	10	1.4	100
Acrolein	ug/L			ND	ND	ND	EPA 624		1.3	2.0
Acrylonitrile	ug/L			ND	ND	ND	EPA 624		0.20	2.0
Aldrin	ug/L			ND	ND	ND	EPA 608	0.005	0.0009 - 0.002	0.005
alpha-BHC	ug/L			ND	ND	ND	EPA 608	0.01	0.001 - 0.002	0.01
Anthracene	ug/L			ND	ND	ND	EPA 625	10	1.8	100
Antimony	ug/L			0.70	0.80	0.89	EPA 200.8	0.5	0.05 - 0.13	0.50
Aroclor 1016	ug/L			ND	ND	ND	EPA 608	0.5	0.02 - 0.04	0.1
Aroclor 1221	ug/L			ND	ND	ND	EPA 608	0.5	0.2	0.5
Aroclor 1232	ug/L			ND	ND	ND	EPA 608	0.5	0.09 - 0.2	0.3
Aroclor 1242	ug/L			ND	ND	ND	EPA 608	0.5	0.02 - 0.08	0.1
Aroclor 1248	ug/L			ND	ND	ND	EPA 608	0.5	0.02 - 0.04	0.1
Aroclor 1254	ug/L			ND	ND	ND	EPA 608	0.5	0.01 - 0.03	0.05
Aroclor 1260	ug/L			ND	ND	ND	EPA 608	0.5	0.01 - 0.05	0.1
Arsenic	ug/L			1.52	1.84	2.15	EPA 200.8	2	0.16	1.00
Benzene	ug/L			ND	ND	ND	EPA 624	2	0.15	0.50
Benzidine	ug/L			ND	ND	ND	EPA 625	5	16.7	50.0
Benzo(a)anthracene	ug/L			ND	ND	ND	EPA 625	5	1.9	50.0
Benzo(a)pyrene	ug/L			ND	ND	ND	EPA 625	10	1.5	100
Benzo(b)fluoranthene	ug/L			ND	ND	ND	EPA 625	10	1.3	100
Benzo(g,h,i)perylene	ug/L			ND	ND	ND	EPA 625	5	1.9	50.0
Benzo(k)fluoranthene	ug/L			ND	ND	ND	EPA 625	10	2.3	100
Beryllium	ug/L			ND	ND	ND	EPA 200.8	0.5	0.010 - 0.040	0.25
beta-BHC	ug/L			ND	ND	ND	EPA 608	0.005	0.002 - 0.003	0.005
bis(2-Chloroethoxy) methane	ug/L			ND	ND	ND	EPA 625	5	1.3	50.0
bis(2-Chloroethyl) ether	ug/L			ND	ND	ND	EPA 625	1	1.9	10.0
bis(2-Chloroisopropyl) ether	ug/L			ND	ND	ND	EPA 625	2	1.6	20.0

San Jose Creek West Water Reclamation Plant
2014 INF-002 Monitoring Results

Parameter	Units	January	February	March	April	May	June	July	August	September	October
bis(2-Ethylhexyl) phthalate	ug/L		DNQ Est. Conc. 16.3						DNQ Est. Conc. 10.6		
Bromodichloromethane	ug/L		ND						ND		
Bromoform	ug/L		ND						ND		
Butyl benzyl phthalate	ug/L		DNQ Est. Conc. 3.6						ND		
Cadmium	ug/L		DNQ Est. Conc. 0.061						DNQ Est. Conc. 0.13		
Carbon tetrachloride	ug/L		ND						ND		
Chlorobenzene	ug/L		ND						ND		
Chlorodibromomethane	ug/L		ND						ND		
Chloroethane	ug/L		ND						ND		
Chloroform	ug/L		3.0						2.1		
Chromium III	ug/L		7.08						6.70		
Chromium VI	ug/L		ND						DNQ Est. Conc. 0.03		
Chromium, total	ug/L		7.08						6.70		
Chrysene	ug/L		ND						ND		
Copper	ug/L		50.1						46.2		
delta-BHC	ug/L		ND						ND		
Di-n-butyl phthalate	ug/L		ND						ND		
Di-n-octyl phthalate	ug/L		ND						ND		
Dibenzo(a,h)anthracene	ug/L		ND						ND		
Dieldrin	ug/L		ND						ND		
Diethyl phthalate	ug/L		DNQ Est. Conc. 6.5						DNQ Est. Conc. 5.9		
Dimethyl phthalate	ug/L		ND						ND		
Endosulfan II	ug/L		ND						ND		
Endosulfan I	ug/L		ND						ND		
Endosulfan sulfate	ug/L		ND						ND		
Endrin aldehyde	ug/L		ND						ND		
Endrin	ug/L		ND						ND		
Ethylbenzene	ug/L		ND						ND		
Fluoranthene	ug/L		ND						ND		
Fluorene	ug/L		ND						ND		
gamma-BHC (Lindane)	ug/L		ND						ND		
Heptachlor epoxide	ug/L		ND						ND		
Heptachlor	ug/L		ND						ND		
Hexachlorobenzene	ug/L		ND						ND		
Hexachlorobutadiene	ug/L		ND						ND		
Hexachlorocyclopentadiene	ug/L		ND						ND		
Hexachloroethane	ug/L		ND						ND		
Indeno (1,2,3-cd) pyrene	ug/L		ND						ND		
Isophorone	ug/L		ND						ND		
Lead	ug/L		0.84						1.05		
Mercury	ug/L		0.04						0.04		
Methyl bromide (Bromomethane)	ug/L		ND						ND		
Methyl chloride (Chloromethane)	ug/L		ND						ND		
Methylene chloride	ug/L		0.58						ND		
n-Nitrosodi-n-propylamine	ug/L		ND						ND		
n-Nitrosodimethylamine (NDMA)	ug/L		ND						ND		
n-Nitrosodiphenylamine	ug/L		ND						ND		
Naphthalene	ug/L		ND						ND		
Nickel	ug/L		11.4						3.08		
Nitrobenzene	ug/L		ND						ND		
Pentachlorophenol	ug/L		ND						ND		
Phenanthrene	ug/L		ND						ND		
Phenol	ug/L		21.4						30.0		
pH	SU	7.8	7.7	7.6	7.6	7.5	7.5	7.6	7.8	7.5	7.6
Pyrene	ug/L		ND						ND		
Selenium	ug/L		1.23						DNQ Est. Conc. 0.71		
Silver	ug/L		DNQ Est. Conc. 0.19						DNQ Est. Conc. 0.13		
Technical Chlordane	ug/L		ND						ND		
Tetrachloroethene	ug/L		DNQ Est. Conc. 0.25						ND		
Thallium	ug/L		ND						ND		

San Jose Creek West Water Reclamation Plant
2014 INF-002 Monitoring Results

Parameter	Units	November	December	Monthly Average			Method	ML	MDL	RL
				Minimum	Average	Maximum				
bis(2-Ethylhexyl) phthalate	ug/L			DNQ Est. Conc. 10.6	ND	DNQ Est. Conc. 16.3	EPA 625	5	2.5	20.0
Bromodichloromethane	ug/L			ND	ND	ND	EPA 624	2	0.17	0.50
Bromoform	ug/L			ND	ND	ND	EPA 624	2	0.17	0.50
Butyl benzyl phthalate	ug/L			ND	ND	DNQ Est. Conc. 3.6	EPA 625	10	1.6	100
Cadmium	ug/L			DNQ Est. Conc. 0.061	ND	DNQ Est. Conc. 0.13	EPA 200.8	0.25	0.040 - 0.070	0.20
Carbon tetrachloride	ug/L			ND	ND	ND	EPA 624	2	0.28	0.50
Chlorobenzene	ug/L			ND	ND	ND	EPA 624	2	0.11	0.50
Chlorodibromomethane	ug/L			ND	ND	ND	EPA 624	2	0.14	0.50
Chloroethane	ug/L			ND	ND	ND	EPA 624	2	0.18	0.50
Chloroform	ug/L			2.1	2.6	3.0	EPA 624	2	0.18	0.50
Chromium III	ug/L			6.70	6.89	7.08	EPA 200.8			0.50
Chromium VI	ug/L			ND	ND	DNQ Est. Conc. 0.03	EPA 218.6 (Dissolved)		0.0048 - 0.02	0.05 - 0.30
Chromium, total	ug/L			6.70	6.89	7.08	EPA 200.8	0.5	0.07	0.50
Chrysene	ug/L			ND	ND	ND	EPA 625	10	1.7	100
Copper	ug/L			46.2	48.2	50.1	EPA 200.8	0.5	0.04 - 0.08	0.50
delta-BHC	ug/L			ND	ND	ND	EPA 608	0.005	0.003 - 0.004	0.005
Di-n-butyl phthalate	ug/L			ND	ND	ND	EPA 625	10	1.6	100
Di-n-octyl phthalate	ug/L			ND	ND	ND	EPA 625	10	1.6	100
Dibenzo(a,h)anthracene	ug/L			ND	ND	ND	EPA 625	10	1.5	100
Dieldrin	ug/L			ND	ND	ND	EPA 608	0.01	0.001	0.01
Diethyl phthalate	ug/L			DNQ Est. Conc. 5.9	ND	DNQ Est. Conc. 6.5	EPA 625	2	2.1	20.0
Dimethyl phthalate	ug/L			ND	ND	ND	EPA 625	2	1.9	20.0
Endosulfan II	ug/L			ND	ND	ND	EPA 608	0.01	0.001 - 0.003	0.01
Endosulfan I	ug/L			ND	ND	ND	EPA 608	0.02	0.001	0.01
Endosulfan sulfate	ug/L			ND	ND	ND	EPA 608	0.05	0.002 - 0.009	0.01
Endrin aldehyde	ug/L			ND	ND	ND	EPA 608	0.01	0.001 - 0.002	0.01
Endrin	ug/L			ND	ND	ND	EPA 608	0.01	0.001 - 0.002	0.01
Ethylbenzene	ug/L			ND	ND	ND	EPA 624	2	0.18	0.50
Fluoranthene	ug/L			ND	ND	ND	EPA 625	1	1.9	10.0
Fluorene	ug/L			ND	ND	ND	EPA 625	10	1.8	100
gamma-BHC (Lindane)	ug/L			ND	ND	ND	EPA 608	0.02	0.0009 - 0.001	0.01
Heptachlor epoxide	ug/L			ND	ND	ND	EPA 608	0.01	0.001	0.01
Heptachlor	ug/L			ND	ND	ND	EPA 608	0.01	0.0008 - 0.001	0.01
Hexachlorobenzene	ug/L			ND	ND	ND	EPA 625	1	1.8	10.0
Hexachlorobutadiene	ug/L			ND	ND	ND	EPA 625	1	1.4	10.0
Hexachlorocyclopentadiene	ug/L			ND	ND	ND	EPA 625	5	7.5	50.0
Hexachloroethane	ug/L			ND	ND	ND	EPA 625	1	1.4	10.0
Indeno (1,2,3-cd) pyrene	ug/L			ND	ND	ND	EPA 625	10	1.4	100
Isophorone	ug/L			ND	ND	ND	EPA 625	1	1.3	10.0
Lead	ug/L			0.84	0.95	1.05	EPA 200.8	0.5	0.03	0.25
Mercury	ug/L			0.04	0.04	0.04	EPA 245.1	0.5	0.01	0.04
Methyl bromide (Bromomethane)	ug/L			ND	ND	ND	EPA 624	2	0.33	0.50
Methyl chloride (Chloromethane)	ug/L			ND	ND	ND	EPA 624	2	0.19	0.50
Methylene chloride	ug/L			ND	0.29	0.58	EPA 624	2	0.18	0.50
n-Nitrosodi-n-propylamine	ug/L			ND	ND	ND	EPA 625	5	1.2	50.0
n-Nitrosodimethylamine (NDMA)	ug/L			ND	ND	ND	EPA 625	5	1.4	50.0
n-Nitrosodiphenylamine	ug/L			ND	ND	ND	EPA 625	1	1.5	10.0
Naphthalene	ug/L			ND	ND	ND	EPA 625	1	1.8	10.0
Nickel	ug/L			3.08	7.24	11.4	EPA 200.8	1	0.10 - 0.13	1.00
Nitrobenzene	ug/L			ND	ND	ND	EPA 625	1	2.2	10.0
Pentachlorophenol	ug/L			ND	ND	ND	EPA 625	5	3.8	10.0
Phenanthrene	ug/L			ND	ND	ND	EPA 625	5	1.9	50.0
Phenol	ug/L			21.4	25.7	30.0	EPA 625	1	1.4	10.0
pH	SU	7.3	7.4	7.3	7.6	7.8	SM 4500 H+ B		1.00	1.00 - 4.00
Pyrene	ug/L			ND	ND	ND	EPA 625	10	1.9	100
Selenium	ug/L			DNQ Est. Conc. 0.71	0.62	1.23	EPA 200.8	2	0.04 - 0.17	1.00
Silver	ug/L			DNQ Est. Conc. 0.13	ND	DNQ Est. Conc. 0.19	EPA 200.8	0.25	0.03	0.20
Technical Chlordane	ug/L			ND	ND	ND	EPA 608	0.1	0.01 - 0.03	0.05
Tetrachloroethene	ug/L			ND	ND	DNQ Est. Conc. 0.25	EPA 624	2	0.18	0.50
Thallium	ug/L			ND	ND	ND	EPA 200.8	1	0.020	0.25

San Jose Creek West Water Reclamation Plant
2014 INF-002 Monitoring Results

Parameter	Units	January	February	March	April	May	June	July	August	September	October
Toluene	ug/L		0.87						1.5		
Total BOD 20C	mg/L	243	269	287	240	251	230	267	1148	270	232
Total cyanide	ug/L		ND						DNQ Est. Conc. 1.0		
Total suspended solids	mg/L	388	378	381	298	364	326	329	1276	975	318
Toxaphene	ug/L		ND						ND		
trans-1,2-Dichloroethene	ug/L		ND						ND		
Trichloroethene	ug/L		ND						ND		
Vinyl chloride	ug/L		ND						ND		
Zinc	ug/L		76.0						75.9		

San Jose Creek West Water Reclamation Plant
2014 INF-002 Monitoring Results

Parameter	Units	November	December	Monthly Average			Method	ML	MDL	RL
				Minimum	Average	Maximum				
Toluene	ug/L			0.87	1.2	1.5	EPA 624	2	0.19	0.50
Total BOD 20C	mg/L	1817	1172	230	536	1817	SM 5210B		0.6	85.7 - 200
Total cyanide	ug/L			ND	ND	DNQ Est. Conc. 1.0	SM 4500 CN E	5	1.00	5.00
Total suspended solids	mg/L	1375	11068	298	1456	11068	SM 2540D		50.0 - 250	50.0 - 250
Toxaphene	ug/L			ND	ND	ND	EPA 608	0.5	0.04 - 0.08	0.5
trans-1,2-Dichloroethene	ug/L			ND	ND	ND	EPA 624	1	0.16	0.50
Trichloroethene	ug/L			ND	ND	ND	EPA 624	2	0.28	0.50
Vinyl chloride	ug/L			ND	ND	ND	EPA 624	2	0.26	0.50
Zinc	ug/L			75.9	76.0	76.0	EPA 200.8	1	0.22 - 0.44	1.00

San Jose Creek WRP, West, Effluent Monitoring

San Jose Creek West Water Reclamation Plant
2014 EFF-003 Monitoring Results

Parameter	Units	January *	February	March *	April	May *	June	July *	August *	September *	October *
1,1-Dichloroethane	ug/L		ND		ND		ND		ND		ND
1,1-Dichloroethene	ug/L		ND		ND		ND		ND		ND
1,1,1-Trichloroethane	ug/L		ND		ND		ND		ND		ND
1,1,2-Trichloroethane	ug/L		ND		ND		ND		ND		ND
1,1,2,2-Tetrachloroethane	ug/L		ND		ND		ND		ND		ND
1,2-Dichlorobenzene	ug/L		ND		ND		ND		ND		ND
1,2-Dichloroethane	ug/L		ND		ND		ND		ND		ND
1,2-Dichloropropane	ug/L		ND		ND		ND		ND		ND
1,2-Diphenylhydrazine	ug/L		ND						ND		
1,2,3-Trichloropropane	ug/L		ND						ND		
1,2,3,4,6,7,8-HeptaCDD	pg/L		ND						DNQ Est. Conc. 1.4		
1,2,3,4,6,7,8-HeptaCDF	pg/L		ND						ND		
1,2,3,4,7,8-HexaCDD	pg/L		ND						ND		
1,2,3,4,7,8-HexaCDF	pg/L		ND						ND		
1,2,3,4,7,8,9-HeptaCDF	pg/L		ND						ND		
1,2,3,6,7,8-HexaCDD	pg/L		ND						ND		
1,2,3,6,7,8-HexaCDF	pg/L		ND						ND		
1,2,3,7,8-PentaCDD	pg/L		ND						ND		
1,2,3,7,8-PentaCDF	pg/L		ND						ND		
1,2,3,7,8,9-HexaCDD	pg/L		ND						ND		
1,2,3,7,8,9-HexaCDF	pg/L		ND						ND		
1,2,4-Trichlorobenzene	ug/L		ND		ND		ND		ND		ND
1,3-Dichlorobenzene	ug/L		ND		ND		ND		ND		ND
1,3-Dichloropropene (Total)	ug/L		ND		ND				ND		ND
1,4-Dichlorobenzene	ug/L		ND		ND		ND		ND		ND
1,4-Dioxane	ug/L		0.82						0.82		
2-Chloroethyl vinyl ether (mixed)	ug/L		ND		ND		ND		ND		ND
2-Chloronaphthalene	ug/L		ND						ND		
2-Chlorophenol	ug/L		ND						ND		
2-Methyl-4,6-dinitrophenol	ug/L		ND						ND		
2-Nitrophenol	ug/L		ND						ND		
2,3,4,6,7,8-HexaCDF	pg/L		ND						ND		
2,3,4,7,8-PentaCDF	pg/L		ND						ND		
2,3,7,8-TCDD	pg/L		ND						ND		
2,3,7,8-TetraCDF	pg/L		ND						ND		
2,4-Dichlorophenol	ug/L		ND						ND		
2,4-Dimethylphenol	ug/L		ND						ND		
2,4-Dinitrophenol	ug/L		ND						ND		
2,4-Dinitrotoluene	ug/L		ND						ND		
2,4,6-Trichlorophenol	ug/L		DNQ Est. Conc. 0.28		DNQ Est. Conc. 0.35		DNQ Est. Conc. 0.42		DNQ Est. Conc. 0.19		DNQ Est. Conc. 0.15
2,6-Dinitrotoluene	ug/L		ND						ND		
3-Methyl-4-chlorophenol	ug/L		ND						ND		
3,3'-Dichlorobenzidine	ug/L		ND						ND		
4-Bromophenyl phenyl ether	ug/L		ND						ND		
4-Chlorophenyl phenyl ether	ug/L		ND						ND		
4-Nitrophenol	ug/L		ND						ND		
4,4-DDT	ug/L		ND		ND		ND		ND		ND
4,4'-DDD	ug/L		ND		ND		ND		ND		ND
4,4'-DDE	ug/L		ND		ND		ND		ND		ND
Acenaphthene	ug/L		ND						ND		
Acenaphthylene	ug/L		ND						ND		
Acrolein	ug/L		ND						ND		
Acrylonitrile	ug/L		ND						ND		
Aldrin	ug/L		ND		ND		ND		ND		ND
alpha-BHC	ug/L		ND		ND		ND		ND		ND
Ammonia as nitrogen	mg/L	0.995	0.992	1.06	0.686	0.637	0.796	0.555	0.766	0.740	0.795
Anthracene	ug/L		ND						ND		
Antimony	ug/L		DNQ Est. Conc. 0.49			0.53			0.52		
Aroclor 1016	ug/L		ND		ND				ND		ND
Aroclor 1221	ug/L		ND		ND				ND		ND

San Jose Creek West Water Reclamation Plant
2014 EFF-003 Monitoring Results

Parameter	Units	November *	December *	Monthly Average			Limit		Method	ML	MDL	RL
				Minimum	Average	Maximum	Max Daily	Monthly Average				
1,1-Dichloroethane	ug/L		ND	ND	ND	ND			EPA 624	1	0.09 - 0.20	0.50
1,1-Dichloroethene	ug/L		ND	ND	ND	ND			EPA 624	2	0.11 - 0.32	0.50
1,1,1-Trichloroethane	ug/L		ND	ND	ND	ND			EPA 624	2	0.08 - 0.27	0.50
1,1,2-Trichloroethane	ug/L		ND	ND	ND	ND			EPA 624	2	0.07 - 0.14	0.50
1,1,2,2-Tetrachloroethane	ug/L		ND	ND	ND	ND			EPA 624	1	0.10 - 0.11	0.50
1,2-Dichlorobenzene	ug/L		ND	ND	ND	ND			EPA 624	2	0.07 - 0.16	0.50
1,2-Dichloroethane	ug/L		ND	ND	ND	ND			EPA 624	2	0.08 - 0.11	0.50
1,2-Dichloropropane	ug/L		ND	ND	ND	ND			EPA 624	1	0.12 - 0.18	0.50
1,2-Diphenylhydrazine	ug/L			ND	ND	ND			EPA 625	1	0.13	1.0
1,2,3-Trichloropropane	ug/L			ND	ND	ND			EPA 524.2		0.0012	0.0050
1,2,3,4,6,7,8-HeptaCDD	pg/L			ND	ND	DNQ Est. Conc. 1.4			EPA 1613B		0.60 - 2.1	51 - 58
1,2,3,4,6,7,8-HeptaCDF	pg/L			ND	ND	ND			EPA 1613B		0.43 - 0.99	51 - 58
1,2,3,4,7,8-HexaCDD	pg/L			ND	ND	ND			EPA 1613B		0.79 - 1.8	51 - 58
1,2,3,4,7,8-HexaCDF	pg/L			ND	ND	ND			EPA 1613B		1.1 - 1.4	51 - 58
1,2,3,4,7,8,9-HeptaCDF	pg/L			ND	ND	ND			EPA 1613B		0.65 - 1.4	51 - 58
1,2,3,6,7,8-HexaCDD	pg/L			ND	ND	ND			EPA 1613B		0.77 - 1.6	51 - 58
1,2,3,6,7,8-HexaCDF	pg/L			ND	ND	ND			EPA 1613B		0.92 - 1.3	51 - 58
1,2,3,7,8-PentaCDD	pg/L			ND	ND	ND			EPA 1613B		1.5 - 6.3	51 - 58
1,2,3,7,8-PentaCDF	pg/L			ND	ND	ND			EPA 1613B		1.7 - 5.7	51 - 58
1,2,3,7,8,9-HexaCDD	pg/L			ND	ND	ND			EPA 1613B		0.63 - 1.5	51 - 58
1,2,3,7,8,9-HexaCDF	pg/L			ND	ND	ND			EPA 1613B		0.92 - 1.6	51 - 58
1,2,4-Trichlorobenzene	ug/L		ND	ND	ND	ND			EPA 625	5	0.17	5.0
1,3-Dichlorobenzene	ug/L		ND	ND	ND	ND			EPA 624	2	0.08 - 0.22	0.50
1,3-Dichloropropene (Total)	ug/L			ND	ND	ND			EPA 624	2		0.50
1,4-Dichlorobenzene	ug/L		ND	ND	ND	ND			EPA 624	2	0.07 - 0.16	0.50
1,4-Dioxane	ug/L			0.82	0.82	0.82			SW-846 8270MOD 1,4-Dioxane		0.09 - 0.13	0.40
2-Chloroethyl vinyl ether (mixed)	ug/L		ND	ND	ND	ND			EPA 624	1	0.10 - 0.23	0.50
2-Chloronaphthalene	ug/L			ND	ND	ND			EPA 625	10	0.16	10.0
2-Chlorophenol	ug/L			ND	ND	ND			EPA 625	5	0.15	5.0
2-Methyl-4,6-dinitrophenol	ug/L			ND	ND	ND			EPA 625	5	1.3	5.0
2-Nitrophenol	ug/L			ND	ND	ND			EPA 625	10	0.20	10.0
2,3,4,6,7,8-HexaCDF	pg/L			ND	ND	ND			EPA 1613B		0.83 - 1.3	51 - 58
2,3,4,7,8-PentaCDF	pg/L			ND	ND	ND			EPA 1613B		1.9 - 6.3	51 - 58
2,3,7,8-TCDD	pg/L			ND	ND	ND			EPA 1613B		1.5 - 2.7	10 - 12
2,3,7,8-TetraCDF	pg/L			ND	ND	ND			EPA 1613B		1.4 - 2.0	10 - 12
2,4-Dichlorophenol	ug/L			ND	ND	ND			EPA 625	5	0.15	5.0
2,4-Dimethylphenol	ug/L			ND	ND	ND			EPA 625	2	0.11	2.0
2,4-Dinitrophenol	ug/L			ND	ND	ND			EPA 625	5	1.7	5.0
2,4-Dinitrotoluene	ug/L			ND	ND	ND			EPA 625	5	0.20	5.0
2,4,6-Trichlorophenol	ug/L		DNQ Est. Conc. 0.21	DNQ Est. Conc. 0.15	ND	DNQ Est. Conc. 0.42			EPA 625	10	0.12	10.0
2,6-Dinitrotoluene	ug/L			ND	ND	ND			EPA 625	5	0.22	5.0
3-Methyl-4-chlorophenol	ug/L			ND	ND	ND			EPA 625	1	0.13	1.0
3,3'-Dichlorobenzidine	ug/L			ND	ND	ND			EPA 625	5	1.2	5.0
4-Bromophenyl phenyl ether	ug/L			ND	ND	ND			EPA 625	5	0.21	5.0
4-Chlorophenyl phenyl ether	ug/L			ND	ND	ND			EPA 625	5	0.17	5.0
4-Nitrophenol	ug/L			ND	ND	ND			EPA 625	10	1.4	10.0
4,4-DDT	ug/L		ND	ND	ND	ND			EPA 608	0.01	0.001 - 0.003	0.01
4,4'-DDD	ug/L		ND	ND	ND	ND			EPA 608	0.05	0.001 - 0.002	0.01
4,4'-DDE	ug/L		ND	ND	ND	ND			EPA 608	0.05	0.001 - 0.002	0.01
Acenaphthene	ug/L			ND	ND	ND			EPA 625	1	0.15	1.0
Acenaphthylene	ug/L			ND	ND	ND			EPA 625	10	0.14	10.0
Acrolein	ug/L			ND	ND	ND			EPA 624		1.3	2.0
Acrylonitrile	ug/L			ND	ND	ND			EPA 624		0.20	2.0
Aldrin	ug/L		ND	ND	ND	ND			EPA 608	0.005	0.0009 - 0.002	0.005
alpha-BHC	ug/L		ND	ND	ND	ND			EPA 608	0.01	0.001 - 0.002	0.01
Ammonia as nitrogen	mg/L	0.676	0.692	0.555	0.783	1.06	8.4(1) / 8.2(2)	3.9(1) / 4.9(2)	SM 4500 NH3 G		0.020	0.100
Anthracene	ug/L			ND	ND	ND			EPA 625	10	0.18	10.0
Antimony	ug/L	DNQ Est. Conc. 0.46		DNQ Est. Conc. 0.46	0.26	0.53			EPA 200.8	0.5	0.05 - 0.13	0.50
Aroclor 1016	ug/L			ND	ND	ND			EPA 608	0.5	0.02 - 0.04	0.1
Aroclor 1221	ug/L			ND	ND	ND			EPA 608	0.5	0.2	0.5

San Jose Creek West Water Reclamation Plant
2014 EFF-003 Monitoring Results

Parameter	Units	January *	February	March *	April	May *	June	July *	August *	September *	October *
Aroclor 1232	ug/L		ND		ND				ND		ND
Aroclor 1242	ug/L		ND		ND		ND		ND		ND
Aroclor 1248	ug/L		ND		ND				ND		ND
Aroclor 1254	ug/L		ND		ND		ND		ND		ND
Aroclor 1260	ug/L		ND		ND				ND		ND
Arsenic	ug/L		1.24			DNQ Est. Conc. 0.92	1.37		1.30		
Barium	ug/L		38.1				27.5		22.4		
Benzene	ug/L		ND		ND		ND		ND		ND
Benzidine	ug/L		ND						ND		
Benzo(a)anthracene	ug/L		ND						ND		
Benzo(a)pyrene	ug/L		ND						ND		
Benzo(b)fluoranthene	ug/L		ND						ND		
Benzo(g,h,i)perylene	ug/L		ND						ND		
Benzo(k)fluoranthene	ug/L		ND						ND		
Beryllium	ug/L		ND			ND			ND		
beta-BHC	ug/L		ND		ND		ND		ND		ND
bis(2-Chloroethoxy) methane	ug/L		ND						ND		
bis(2-Chloroethyl) ether	ug/L		ND						ND		
bis(2-Chloroisopropyl) ether	ug/L		ND						ND		
bis(2-Ethylhexyl) phthalate	ug/L		ND		ND		ND		ND		ND
Boron	mg/L	0.29	0.34	0.33	0.31	0.32	0.26	0.30	0.32	0.36	0.31
Bromodichloromethane	ug/L		8.3		5.0		6.7		8.3		12.4
Bromoform	ug/L		ND		ND		DNQ Est. Conc. 0.16		DNQ Est. Conc. 0.23		DNQ Est. Conc. 0.21
Butyl benzyl phthalate	ug/L		ND						ND		
Cadmium	ug/L		DNQ Est. Conc. 0.059			DNQ Est. Conc. 0.047	DNQ Est. Conc. 0.044		ND		
Carbon tetrachloride	ug/L		ND		ND		ND		ND		ND
Chloride	mg/L	108	107	119	113	119	113	111	112	107	120
Chlorobenzene	ug/L		ND		ND		ND		ND		ND
Chlorodibromomethane	ug/L		1.5		0.89		1.3		1.7		2.7
Chloroethane	ug/L		ND		ND		ND		ND		ND
Chloroform	ug/L		23.0		11.9		15.2		20.7		26.2
Chromium III	ug/L		0.86			0.92	0.89		0.80		
Chromium VI	ug/L		0.34			0.11	0.17		0.13		
Chromium, total (24-hour composite)	ug/L		1.39			1.00	0.79		0.96		
Chromium, total	ug/L		1.20			1.02	1.06		0.93		
Chrysene	ug/L		ND						ND		
Copper	ug/L	6.08	6.04	4.37	4.67	5.72	5.75	9.60	6.11	5.86	3.86
delta-BHC	ug/L		ND		ND		ND		ND		ND
Demeton (total)	ug/L		ND						ND		
Di-n-butyl phthalate	ug/L		ND						ND		
Di-n-octyl phthalate	ug/L		ND						ND		
Diazinon	ug/L		ND						ND		
Dibenzo(a,h)anthracene	ug/L		ND						ND		
Dieldrin	ug/L		ND		ND		ND		ND		ND
Diethyl phthalate	ug/L		ND						ND		
Dimethyl phthalate	ug/L		ND						ND		
Dissolved oxygen	mg/L	7.8	7.6	7.1	7.3	7.0	6.6	6.0	5.9	6.4	6.0
E. coli	No./100mL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan II	ug/L		ND						ND		
Endosulfan I	ug/L		ND						ND		
Endosulfan sulfate	ug/L		ND						ND		
Endrin aldehyde	ug/L		ND						ND		
Endrin	ug/L		ND		ND		ND		ND		ND
Ethylbenzene	ug/L		ND		ND		ND		ND		ND
Fecal coliform	No./100mL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	ug/L		ND		ND		ND		ND		ND
Fluorene	ug/L		ND						ND		
Fluoride	mg/L		0.796		0.752		0.550		0.773		0.718
gamma-BHC (Lindane)	ug/L		ND		ND		ND		ND		ND
Gross alpha radioactivity	pCi/L		0.619				2.70		ND		

San Jose Creek West Water Reclamation Plant
2014 EFF-003 Monitoring Results

Parameter	Units	November *	December *	Monthly Average			Limit		Method	ML	MDL	RL
				Minimum	Average	Maximum	Max Daily	Monthly Average				
Aroclor 1232	ug/L			ND	ND	ND			EPA 608	0.5	0.09 - 0.2	0.3
Aroclor 1242	ug/L		ND	ND	ND	ND			EPA 608	0.5	0.02 - 0.08	0.1
Aroclor 1248	ug/L			ND	ND	ND			EPA 608	0.5	0.02 - 0.04	0.1
Aroclor 1254	ug/L		ND	ND	ND	ND			EPA 608	0.5	0.01 - 0.03	0.05
Aroclor 1260	ug/L			ND	ND	ND			EPA 608	0.5	0.01 - 0.05	0.1
Arsenic	ug/L	1.08	1.22	DNQ Est. Conc. 0.92	1.04	1.37			EPA 200.8	2	0.16	1.00
Barium	ug/L		38.6	22.4	31.7	38.6			EPA 200.8		0.06 - 0.07	0.50
Benzene	ug/L		ND	ND	ND	ND			EPA 624	2	0.13 - 0.24	0.50
Benzidine	ug/L			ND	ND	ND			EPA 625	5	1.7	5.0
Benzo(a)anthracene	ug/L			ND	ND	ND			EPA 625	5	0.19	5.0
Benzo(a)pyrene	ug/L			ND	ND	ND			EPA 610	10	0.007	0.020
Benzo(b)fluoranthene	ug/L			ND	ND	ND			EPA 610	10	0.004	0.020
Benzo(g,h,i)perylene	ug/L			ND	ND	ND			EPA 625	5	0.19	5.0
Benzo(k)fluoranthene	ug/L			ND	ND	ND			EPA 610	10	0.005	0.020
Beryllium	ug/L	ND		ND	ND	ND			EPA 200.8	0.5	0.010 - 0.040	0.25
beta-BHC	ug/L		ND	ND	ND	ND			EPA 608	0.005	0.002 - 0.003	0.005
bis(2-Chloroethoxy) methane	ug/L			ND	ND	ND			EPA 625	5	0.13	5.0
bis(2-Chloroethyl) ether	ug/L			ND	ND	ND			EPA 625	1	0.19	1.0
bis(2-Chloroisopropyl) ether	ug/L			ND	ND	ND			EPA 625	2	0.16	2.0
bis(2-Ethylhexyl) phthalate	ug/L		ND	ND	ND	ND			EPA 625	5	0.25	2.0
Boron	mg/L	0.33	0.30	0.26	0.31	0.36		1.0	EPA 200.8		0.002 - 0.005	0.020
Bromodichloromethane	ug/L		14.1	5.0	9.1	14.1			EPA 624	2	0.08 - 0.17	0.50
Bromoform	ug/L		ND	ND	ND	DNQ Est. Conc. 0.23			EPA 624	2	0.10 - 0.17	0.50
Butyl benzyl phthalate	ug/L			ND	ND	ND			EPA 625	10	0.16	10.0
Cadmium	ug/L	ND	ND	ND	ND	DNQ Est. Conc. 0.059			EPA 200.8	0.25	0.040 - 0.070	0.20
Carbon tetrachloride	ug/L		ND	ND	ND	ND			EPA 624	2	0.07 - 0.28	0.50
Chloride	mg/L	126	111	107	114	126		180	EPA 300.0		0.200 - 0.600	4.00 - 10.0
Chlorobenzene	ug/L		ND	ND	ND	ND			EPA 624	2	0.09 - 0.17	0.50
Chlorodibromomethane	ug/L		2.7	0.89	1.8	2.7			EPA 624	2	0.06 - 0.14	0.50
Chloroethane	ug/L		ND	ND	ND	ND			EPA 624	2	0.13 - 0.33	0.50
Chloroform	ug/L		31.1	11.9	21.4	31.1			EPA 624	2	0.12 - 0.19	0.50
Chromium III	ug/L	1.00	0.89	0.80	0.89	1.00			EPA 200.8			0.50
Chromium VI	ug/L	0.09	0.20	0.09	0.2	0.34			EPA 218.6 (Dissolved)		0.0048 - 0.02	0.05 - 0.30
Chromium, total (24-hour composite)	ug/L	0.89	1.45	0.79	1.08	1.45			EPA 200.8	0.5	0.07	0.50
Chromium, total	ug/L	1.09	1.10	0.93	1.1	1.20			EPA 200.8	0.5	0.04 - 0.07	0.50
Chrysene	ug/L			ND	ND	ND			EPA 610	10	0.005	0.020
Copper	ug/L	5.04	4.92	3.86	5.67	9.60			EPA 200.8	0.5	0.04 - 0.08	0.50
delta-BHC	ug/L		ND	ND	ND	ND			EPA 608	0.005	0.003 - 0.004	0.005
Demeton (total)	ug/L			ND	ND	ND			SW-846 8141A			
Di-n-butyl phthalate	ug/L			ND	ND	ND			EPA 625	10	0.16	10.0
Di-n-octyl phthalate	ug/L			ND	ND	ND			EPA 625	10	0.16	10.0
Diazinon	ug/L			ND	ND	ND			SW-846 8141A		0.0060	0.10
Dibenzo(a,h)anthracene	ug/L			ND	ND	ND			EPA 610	10	0.004	0.020
Dieldrin	ug/L		ND	ND	ND	ND			EPA 608	0.01	0.001	0.01
Diethyl phthalate	ug/L			ND	ND	ND			EPA 625	2	0.21	2.0
Dimethyl phthalate	ug/L			ND	ND	ND			EPA 625	2	0.19	2.0
Dissolved oxygen	mg/L	6.1	6.1	5.9	6.7	7.8			SM 4500 O G		0.1	1.0
E. coli	No./100mL	ND	ND	ND	ND	ND			SM 9223		1.1	1.1
Endosulfan II	ug/L			ND	ND	ND			EPA 608	0.01	0.001 - 0.003	0.01
Endosulfan I	ug/L			ND	ND	ND			EPA 608	0.02	0.001	0.01
Endosulfan sulfate	ug/L			ND	ND	ND			EPA 608	0.05	0.002 - 0.009	0.01
Endrin aldehyde	ug/L			ND	ND	ND			EPA 608	0.01	0.001 - 0.002	0.01
Endrin	ug/L		ND	ND	ND	ND			EPA 608	0.01	0.001 - 0.002	0.01
Ethylbenzene	ug/L		ND	ND	ND	ND			EPA 624	2	0.06 - 0.19	0.50
Fecal coliform	No./100mL	ND	ND	ND	ND	ND			SM 9221E & SM 9222D		1 - 2	1 - 2
Fluoranthene	ug/L		ND	ND	ND	ND			EPA 625	1	0.19	1.0
Fluorene	ug/L			ND	ND	ND			EPA 625	10	0.18	10.0
Fluoride	mg/L		0.698	0.550	0.715	0.796			SM 4500 F C		0.003 - 0.004	0.100
gamma-BHC (Lindane)	ug/L		ND	ND	ND	ND			EPA 608	0.02	0.0009 - 0.001	0.01
Gross alpha radioactivity	pCi/L		1.07	ND	1.10	2.70			EPA 900.0		1.10 - 2.75	1.10 - 2.75

San Jose Creek West Water Reclamation Plant
2014 EFF-003 Monitoring Results

Parameter	Units	January *	February	March *	April	May *	June	July *	August *	September *	October *
Gross beta radioactivity	pCi/L		7.27				14.6		3.23		
Guthion	ug/L		ND						ND		
Heptachlor epoxide	ug/L		ND		ND		ND		ND		ND
Heptachlor	ug/L		ND		ND		ND		ND		ND
Hexachlorobenzene	ug/L		ND						ND		
Hexachlorobutadiene	ug/L		ND						ND		
Hexachlorocyclopentadiene	ug/L		ND						ND		
Hexachloroethane	ug/L		ND						ND		
Indeno (1,2,3-cd) pyrene	ug/L		ND						ND		
Iron	ug/L		34				32		35		
Isophorone	ug/L		ND						ND		
Lead	ug/L	DNQ Est. Conc. 0.23	0.27	0.31	0.31	0.34	DNQ Est. Conc. 0.23	0.28	DNQ Est. Conc. 0.23	DNQ Est. Conc. 0.24	DNQ Est. Conc. 0.24
Malathion	ug/L		ND						ND		
Mercury	ug/L		0.00078			0.00079	0.00059		0.0018		
Methoxychlor	ug/L		ND		ND		ND		ND		ND
Methyl bromide (Bromomethane)	ug/L		ND		ND		ND		ND		ND
Methyl chloride (Chloromethane)	ug/L		ND		ND		ND		ND		ND
Methyl tert-butyl ether (MTBE)	ug/L		ND						ND		
Methylene chloride	ug/L		ND		ND		DNQ Est. Conc. 0.30		ND		DNQ Est. Conc. 0.21
Mirex	ug/L		ND						ND		
n-Nitrosodi-n-propylamine	ug/L		ND						ND		
n-Nitrosodimethylamine (NDMA)	ug/L	0.40	0.33	0.34	0.26	0.36	0.34	0.39	0.33	0.38	0.45
n-Nitrosodiphenylamine	ug/L		ND						ND		
Naphthalene	ug/L		ND						ND		
Nickel	ug/L		1.28			1.28	1.30		1.62		
Nitrate + nitrite as nitrogen	mg/L	6.73	6.99	7.70	7.94	7.50	7.89	7.20	7.58	6.27	7.28
Nitrate as nitrogen	mg/L	6.70	6.94	7.62	7.86	7.46	7.85	7.16	7.55	6.24	7.25
Nitrite as nitrogen	mg/L	ND	0.048	0.080	ND	0.040	0.046	0.038	0.031	0.033	0.033
Nitrobenzene	ug/L		ND						ND		
OctaCDD	pg/L		ND						DNQ Est. Conc. 5.0		
OctaCDF	pg/L		ND						ND		
Oil and grease	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Organic nitrogen	mg/L	0.685	0.268	1.88	0.494	1.79	0.474	0.293	1.62	1.22	0.805
Parathion	ug/L		ND						ND		
Pentachlorophenol	ug/L		ND		ND		ND		ND		ND
Perchlorate	ug/L		0.33						0.36		
pH	SU	NR	6.9	NR	7.1	NR	6.6	NR	NR	NR	NR
pH (Reuse)	SU	7.2	7.2	7.1	7.2	7.1	7.1	7.1	7.1	7.2	7.1
Phenanthrene	ug/L		ND		ND		ND		ND		ND
Phenol	ug/L		ND		DNQ Est. Conc. 0.25		DNQ Est. Conc. 0.22		DNQ Est. Conc. 0.23		ND
Polychlorinated biphenyls (PCBs)	ug/L		ND		ND		ND		ND		ND
Pyrene	ug/L		ND						ND		
Selenium	ug/L	DNQ Est. Conc. 0.34	DNQ Est. Conc. 0.38	DNQ Est. Conc. 0.39	DNQ Est. Conc. 0.42	DNQ Est. Conc. 0.45	DNQ Est. Conc. 0.31	DNQ Est. Conc. 0.26	DNQ Est. Conc. 0.24	DNQ Est. Conc. 0.27	DNQ Est. Conc. 0.33
Settleable solids	mL/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	ug/L		ND			ND	ND		ND		
Strontium-90	pCi/L		0.751				1.09		ND		
Sulfate	mg/L	99.8	102	98.0	98.5	104	102	98.8	98.1	97.5	112
Surfactant (CTAS)	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Surfactant (MBAS)	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Technical Chlordane	ug/L		ND						ND		
Temperature	Degrees F	NR	76.0	NR	78.0	NR	81.0	NR	NR	NR	NR
Tetrachloroethene	ug/L		ND		ND		ND		ND		ND
Thallium	ug/L		ND			ND			ND		
Toluene	ug/L		DNQ Est. Conc. 0.31		DNQ Est. Conc. 0.14		ND		ND		ND
Total BOD 20C	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total chlorinated hydrocarbons (TICH)	ug/L		ND			ND			ND		
Total coliform	No./100mL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total cyanide	ug/L		ND			ND			ND		
Total dissolved solids	mg/L	523	550	546	562	560	568	576	593	588	624
Total hardness (CaCO3)	mg/L	205	208	211	206	211	207	209	222	208	210

Parameter	Units	November *	December *	Monthly Average			Limit		Method	ML	MDL	RL
				Minimum	Average	Maximum	Max Daily	Monthly Average				
Gross beta radioactivity	pCi/L		6.21	3.23	7.83	14.6			EPA 900.0		0.844 - 2.13	0.844 - 2.13
Guthion	ug/L			ND	ND	ND			SW-846 8141A		0.0070	0.10
Heptachlor epoxide	ug/L		ND	ND	ND	ND			EPA 608	0.01	0.001	0.01
Heptachlor	ug/L		ND	ND	ND	ND			EPA 608	0.01	0.0008 - 0.001	0.01
Hexachlorobenzene	ug/L			ND	ND	ND			EPA 625	1	0.18	1.0
Hexachlorobutadiene	ug/L			ND	ND	ND			EPA 625	1	0.14	1.0
Hexachlorocyclopentadiene	ug/L			ND	ND	ND			EPA 625	5	0.75	5.0
Hexachloroethane	ug/L			ND	ND	ND			EPA 625	1	0.14	1.0
Indeno (1,2,3-cd) pyrene	ug/L			ND	ND	ND			EPA 610	10	0.004	0.020
Iron	ug/L		34	32	34	35			EPA 200.8		3 - 5	20
Isophorone	ug/L			ND	ND	ND			EPA 625	1	0.13	1.0
Lead	ug/L	DNQ Est. Conc. 0.23	DNQ Est. Conc. 0.21	DNQ Est. Conc. 0.21	0.13	0.34			EPA 200.8	0.5	0.03	0.25
Malathion	ug/L			ND	ND	ND			SW-846 8141A		0.23	0.25
Mercury	ug/L	0.0011	0.0017	0.00059	0.0011	0.0018			EPA 1631	0.5	0.00011	0.00020
Methoxychlor	ug/L		ND	ND	ND	ND			EPA 608		0.001	0.01
Methyl bromide (Bromomethane)	ug/L		ND	ND	ND	ND			EPA 624	2	0.30 - 0.34	0.50
Methyl chloride (Chloromethane)	ug/L		ND	ND	ND	ND			EPA 624	2	0.19 - 0.36	0.50
Methyl tert-butyl ether (MTBE)	ug/L			ND	ND	ND			EPA 624		0.12	0.50
Methylene chloride	ug/L		0.54	ND	0.090	0.54			EPA 624	2	0.09 - 0.27	0.50
Mirex	ug/L			ND	ND	ND			EPA 608		0.002 - 0.003	0.05
n-Nitrosodi-n-propylamine	ug/L			ND	ND	ND			EPA 625	5	0.12	5.0
n-Nitrosodimethylamine (NDMA)	ug/L	0.43	0.42	0.26	0.37	0.45			EPA 1625 (Modified)	5	0.0005	0.0020
n-Nitrosodiphenylamine	ug/L			ND	ND	ND			EPA 625	1	0.15	1.0
Naphthalene	ug/L			ND	ND	ND			EPA 625	1	0.18	1.0
Nickel	ug/L	1.48	2.25	1.28	1.54	2.25			EPA 200.8	1	0.10 - 0.13	1.00
Nitrate + nitrite as nitrogen	mg/L	7.65	8.30	6.27	7.42	8.30		8	SM 4500 NO3 F		0.030	0.200
Nitrate as nitrogen	mg/L	7.61	8.27	6.24	7.38	8.27			SM 4500 NO3 F		0.030	0.200
Nitrite as nitrogen	mg/L	0.045	0.035	ND	0.036	0.080		1	SM 4500 NO3 F		0.003	0.030
Nitrobenzene	ug/L			ND	ND	ND			EPA 625	1	0.22	1.0
OctaCDD	pg/L			ND	ND	DNQ Est. Conc. 5.0			EPA 1613B		0.88 - 2.1	100 - 120
OctaCDF	pg/L			ND	ND	ND			EPA 1613B		0.77 - 3.7	100 - 120
Oil and grease	mg/L	ND	ND	ND	ND	ND	15	10	EPA 1664A		0.8	4.2 - 4.5
Organic nitrogen	mg/L	1.01	1.91	0.268	1.04	1.91			EPA 351.2 & SM 4500 NH3 G		0.050 - 0.135	0.200
Parathion	ug/L			ND	ND	ND			SW-846 8141A		0.085	0.25
Pentachlorophenol	ug/L		ND	ND	ND	ND			EPA 625	5	0.38	1.0
Perchlorate	ug/L			0.33	0.35	0.36			EPA 331.0		0.0201	0.05
pH	SU	NR	NR	6.6	6.9	7.1			SM 4500 H+ B		1.00	4.00
pH (Reuse)	SU	7.1	7.1	7.1	7.1	7.2			SM 4500 H+ B		1.00	4.00
Phenanthrene	ug/L		ND	ND	ND	ND			EPA 625	5	0.19	5.0
Phenol	ug/L		ND	ND	ND	DNQ Est. Conc. 0.25			EPA 625	1	0.14	1.0
Polychlorinated biphenyls (PCBs)	ug/L		ND	ND	ND	ND			EPA 608			
Pyrene	ug/L			ND	ND	ND			EPA 625	10	0.19	10.0
Selenium	ug/L	DNQ Est. Conc. 0.25	DNQ Est. Conc. 0.22	DNQ Est. Conc. 0.22	ND	DNQ Est. Conc. 0.45			EPA 200.8	2	0.04 - 0.17	1.00
Settleable solids	mL/L	ND	ND	ND	ND	ND	0.3	0.1	SM 2540F		0.1	0.1
Silver	ug/L	ND	ND	ND	ND	ND			EPA 200.8	0.25	0.03	0.20
Strontium-90	pCi/L		ND	ND	0.460	1.09		8	EPA 905.0		0.606 - 0.682	0.606 - 0.682
Sulfate	mg/L	104	94.4	94.4	101	112		300	EPA 300.0		0.240 - 0.920	1.00 - 2.50
Surfactant (CTAS)	mg/L	ND	ND	ND	ND	ND			SM 5540D		0.023 - 0.10	0.10 - 0.20
Surfactant (MBAS)	mg/L	0.11	ND	ND	0.0092	0.11		0.5	SM 5540C		0.03	0.10
Technical Chlordane	ug/L			ND	ND	ND			EPA 608	0.1	0.01 - 0.03	0.05
Temperature	Degrees F	NR	NR	76.0	78.3	81.0	86		EPA 170.1 (oF)			
Tetrachloroethene	ug/L		ND	ND	ND	ND			EPA 624	2	0.12 - 0.40	0.50
Thallium	ug/L	ND		ND	ND	ND			EPA 200.8	1	0.020	0.25
Toluene	ug/L		ND	ND	ND	DNQ Est. Conc. 0.31			EPA 624	2	0.12 - 0.19	0.50
Total BOD 20C	mg/L	ND	ND	ND	ND	ND	45	20	SM 5210B		0.6	3.0
Total chlorinated hydrocarbons (TICH)	ug/L	ND		ND	ND	ND			EPA 608			
Total coliform	No./100mL	ND	ND	ND	ND	ND	23 (3)		SM 9221B & SM 9222B		1 - 2	1 - 2
Total cyanide	ug/L	DNQ Est. Conc. 1.18		ND	ND	DNQ Est. Conc. 1.18			SM 4500 CN E	5	1.00	5.00
Total dissolved solids	mg/L	582	554	523	569	624		750	SM 2540C		4.5 - 6.7	41.7 - 62.5
Total hardness (CaCO3)	mg/L	223	202	202	210	223			EPA 200.8 & SM 2340C			0.05 - 10

San Jose Creek West Water Reclamation Plant
2014 EFF-003 Monitoring Results

Parameter	Units	January *	February	March *	April	May *	June	July *	August *	September *	October *
Total nitrogen	mg/L	8.41	8.25	10.6	9.86	9.93	9.98	8.05	9.97	8.23	8.88
Total residual chlorine	mg/L	NR	ND	NR	ND	NR	ND	NR	NR	NR	NR
Total suspended solids	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Trihalomethanes	ug/L		32.8		17.8		23.2		30.7		41.3
Toxaphene	ug/L		ND		ND		ND		ND		ND
Toxic equivalence	pg/L		ND						ND		
trans-1,2-Dichloroethene	ug/L		ND		ND		ND		ND		ND
Trichloroethene	ug/L		ND		ND		ND		ND		ND
Tritium	pCi/L		351				242		ND		
Turbidity (flow proportioned avg daily value)	NTU	0.75	0.65	0.61	0.68	0.57	0.63	0.66	0.57	0.67	0.71
Uranium	pCi/L		0.934				ND		0.700		
Vinyl chloride	ug/L		ND		ND		ND		ND		ND
Zinc	ug/L		57.9			63.7	52.1		46.6		

San Jose Creek West Water Reclamation Plant
2014 EFF-003 Monitoring Results

Parameter	Units	November *	December *	Monthly Average			Limit		Method	ML	MDL	RL
				Minimum	Average	Maximum	Max Daily	Monthly Average				
Total nitrogen	mg/L	9.34	10.9	8.05	9.37	10.9			Total Nitrogen Calculation			0.200
Total residual chlorine	mg/L	NR	NR	ND	ND	ND	0.1		SM 4500 Cl C		0.05	0.05
Total suspended solids	mg/L	ND	ND	ND	ND	ND	45	15	SM 2540D		2.5	2.5
Total Trihalomethanes	ug/L		47.9	17.8	32.3	47.9			EPA 624			
Toxaphene	ug/L		ND	ND	ND	ND			EPA 608	0.5	0.04 - 0.08	0.5
Toxic equivalence	pg/L			ND	ND	ND			EPA 1613B			
trans-1,2-Dichloroethene	ug/L		ND	ND	ND	ND			EPA 624	1	0.16 - 0.26	0.50
Trichloroethene	ug/L		ND	ND	ND	ND			EPA 624	2	0.11 - 0.32	0.50
Tritium	pCi/L		ND	ND	148	351		20000	EPA 906.0		434	434
Turbidity (flow proportioned avg daily value)	NTU	0.70	0.65	0.57	0.65	0.75	2		SM 2130B		0.12	0.12
Uranium	pCi/L		0.235	ND	0.467	0.934			EPA 908.0		0.300	0.300
Vinyl chloride	ug/L		ND	ND	ND	ND			EPA 624	2	0.12 - 0.37	0.50
Zinc	ug/L	49.3	47.1	46.6	52.8	63.7			EPA 200.8	1	0.22 - 0.44	1.00

* No discharge from EFF-003 during this month.

NR - not required

(1) Effluent ammonia limit effective from April 1 to September 30.

(2) Effluent ammonia limit effective from October 1 to March 31.

(3) Total coliform cannot exceed 23/100 mL in more than one sample during any 30-day period.

Saugus WRP Influent Monitoring

Saugus Water Reclamation Plant
2014 INF-001 Monitoring Results

Parameter	Units	January	February	March	April	May	June	July	August	September
1,1-Dichloroethane	ug/L	ND						ND		
1,1-Dichloroethene	ug/L	ND						ND		
1,1,1-Trichloroethane	ug/L	ND						ND		
1,1,2-Trichloroethane	ug/L	ND						ND		
1,1,2,2-Tetrachloroethane	ug/L	ND						ND		
1,2-Dichlorobenzene	ug/L	ND						ND		
1,2-Dichloroethane	ug/L	ND						ND		
1,2-Dichloropropane	ug/L	ND						ND		
1,2-Diphenylhydrazine	ug/L	ND						ND		
1,2,4-Trichlorobenzene	ug/L	ND						ND		
1,3-Dichlorobenzene	ug/L	ND						ND		
1,3-Dichloropropene (Total)	ug/L	ND						ND		
1,4-Dichlorobenzene	ug/L	DNQ Est. Conc. 0.32						DNQ Est. Conc. 0.14		
2-Chloroethyl vinyl ether (mixed)	ug/L	ND						ND		
2-Chloronaphthalene	ug/L	ND						ND		
2-Chlorophenol	ug/L	ND						ND		
2-Methyl-4,6-dinitrophenol	ug/L	ND						ND		
2-Nitrophenol	ug/L	ND						ND		
2,3,7,8-TCDD	pg/L	ND						ND		
2,4-Dichlorophenol	ug/L	ND						ND		
2,4-Dimethylphenol	ug/L	ND						ND		
2,4-Dinitrophenol	ug/L	ND						ND		
2,4-Dinitrotoluene	ug/L	ND						ND		
2,4-D	ug/L	0.74						ND		
2,4,5-TP (silvex)	ug/L	ND						ND		
2,4,6-Trichlorophenol	ug/L	ND						ND		
2,6-Dinitrotoluene	ug/L	ND						ND		
3-Methyl-4-chlorophenol	ug/L	ND						ND		
3,3'-Dichlorobenzidine	ug/L	ND						ND		
4-Bromophenyl phenyl ether	ug/L	ND						ND		
4-Chlorophenyl phenyl ether	ug/L	ND						ND		
4-Nitrophenol	ug/L	ND						ND		
4,4'-DDT	ug/L	ND						ND		
4,4'-DDD	ug/L	ND						ND		
4,4'-DDE	ug/L	ND						ND		
Acenaphthene	ug/L	ND						ND		
Acenaphthylene	ug/L	ND						ND		
Acrolein	ug/L	ND						ND		
Acrylonitrile	ug/L	ND						ND		
Aldrin	ug/L	ND						ND		
alpha-BHC	ug/L	ND						ND		
Ammonia as nitrogen	mg/L	33.6	36.3	32.8	32.8	37.8	34.2	33.9	37.2	31.2
Anthracene	ug/L	ND						ND		
Antimony	ug/L	DNQ Est. Conc. 0.49			0.67			0.64		
Aroclor 1016	ug/L	ND						ND		
Aroclor 1221	ug/L	ND						ND		
Aroclor 1232	ug/L	ND						ND		
Aroclor 1242	ug/L	ND						ND		
Aroclor 1248	ug/L	ND						ND		
Aroclor 1254	ug/L	ND						ND		
Aroclor 1260	ug/L	ND						ND		
Arsenic	ug/L	2.02						3.23		
Barium	ug/L	37.9						47.7		
Benzene	ug/L	ND						ND		
Benzidine	ug/L	ND						ND		
Benzo(a)anthracene	ug/L	ND						ND		
Benzo(a)pyrene	ug/L	ND						ND		

Saugus Water Reclamation Plant
2014 INF-001 Monitoring Results

Parameter	Units	October	November	December	Monthly Average			Method	ML	MDL	RDL
					Minimum	Average	Maximum				
1,1-Dichloroethane	ug/L				ND	ND	ND	EPA 624	1	0.07 - 0.19	0.50
1,1-Dichloroethene	ug/L				ND	ND	ND	EPA 624	2	0.13 - 0.28	0.50
1,1,1-Trichloroethane	ug/L				ND	ND	ND	EPA 624	2	0.07 - 0.08	0.50
1,1,2-Trichloroethane	ug/L				ND	ND	ND	EPA 624	2	0.10 - 0.14	0.50
1,1,2,2-Tetrachloroethane	ug/L				ND	ND	ND	EPA 624	1	0.10	0.50
1,2-Dichlorobenzene	ug/L				ND	ND	ND	EPA 624	2	0.12 - 0.16	0.50
1,2-Dichloroethane	ug/L				ND	ND	ND	EPA 624	2	0.09	0.50
1,2-Dichloropropane	ug/L				ND	ND	ND	EPA 624	1	0.09 - 0.12	0.50
1,2-Diphenylhydrazine	ug/L				ND	ND	ND	EPA 625	1	1.3	10.0
1,2,4-Trichlorobenzene	ug/L				ND	ND	ND	EPA 625	5	1.7	50.0
1,3-Dichlorobenzene	ug/L				ND	ND	ND	EPA 624	2	0.08 - 0.09	0.50
1,3-Dichloropropene (Total)	ug/L				ND	ND	ND	EPA 624	2		0.50
1,4-Dichlorobenzene	ug/L				DNQ Est. Conc. 0.14	ND	DNQ Est. Conc. 0.32	EPA 624	2	0.07	0.50
2-Chloroethyl vinyl ether (mixed)	ug/L				ND	ND	ND	EPA 624	1	0.16 - 0.23	0.50
2-Chloronaphthalene	ug/L				ND	ND	ND	EPA 625	10	1.6	100
2-Chlorophenol	ug/L				ND	ND	ND	EPA 625	5	1.5	50.0
2-Methyl-4,6-dinitrophenol	ug/L				ND	ND	ND	EPA 625	5	13.1	50.0
2-Nitrophenol	ug/L				ND	ND	ND	EPA 625	10	2.0	100
2,3,7,8-TCDD	pg/L				ND	ND	ND	EPA 1613B		0.34 - 0.39	12 - 14
2,4-Dichlorophenol	ug/L				ND	ND	ND	EPA 625	5	1.5	50.0
2,4-Dimethylphenol	ug/L				ND	ND	ND	EPA 625	2	1.1	20.0
2,4-Dinitrophenol	ug/L				ND	ND	ND	EPA 625	5	17.3	50.0
2,4-Dinitrotoluene	ug/L				ND	ND	ND	EPA 625	5	2.0	50.0
2,4-D	ug/L				ND	0.37	0.74	SW-846 8151A		0.046 - 0.27	0.62 - 0.63
2,4,5-TP (silvex)	ug/L				ND	ND	ND	SW-846 8151A		0.077 - 0.22	0.62 - 0.63
2,4,6-Trichlorophenol	ug/L				ND	ND	ND	EPA 625	10	1.2	100
2,6-Dinitrotoluene	ug/L				ND	ND	ND	EPA 625	5	2.2	50.0
3-Methyl-4-chlorophenol	ug/L				ND	ND	ND	EPA 625	1	1.3	10.0
3,3'-Dichlorobenzidine	ug/L				ND	ND	ND	EPA 625	5	11.6	50.0
4-Bromophenyl phenyl ether	ug/L				ND	ND	ND	EPA 625	5	2.1	50.0
4-Chlorophenyl phenyl ether	ug/L				ND	ND	ND	EPA 625	5	1.7	50.0
4-Nitrophenol	ug/L				ND	ND	ND	EPA 625	10	13.7	100
4,4'-DDT	ug/L				ND	ND	ND	EPA 608	0.01	0.001	0.01
4,4'-DDD	ug/L				ND	ND	ND	EPA 608	0.05	0.002	0.01
4,4'-DDE	ug/L				ND	ND	ND	EPA 608	0.05	0.002	0.01
Acenaphthene	ug/L				ND	ND	ND	EPA 625	1	1.5	10.0
Acenaphthylene	ug/L				ND	ND	ND	EPA 625	10	1.4	100
Acrolein	ug/L				ND	ND	ND	EPA 624		1.4 - 1.6	2.0
Acrylonitrile	ug/L				ND	ND	ND	EPA 624		0.31 - 0.92	2.0
Aldrin	ug/L				ND	ND	ND	EPA 608	0.005	0.002	0.005
alpha-BHC	ug/L				ND	ND	ND	EPA 608	0.01	0.001	0.01
Ammonia as nitrogen	mg/L	38.7	33.3	36.2	31.2	34.8	38.7	SM 4500 NH3 G		0.600 - 1.00	3.00 - 5.00
Anthracene	ug/L				ND	ND	ND	EPA 625	10	1.8	100
Antimony	ug/L		0.57		DNQ Est. Conc. 0.49	0.47	0.67	EPA 200.8	0.5	0.05 - 0.13	0.50
Aroclor 1016	ug/L				ND	ND	ND	EPA 608	0.5	0.04	0.1
Aroclor 1221	ug/L				ND	ND	ND	EPA 608	0.5	0.2	0.5
Aroclor 1232	ug/L				ND	ND	ND	EPA 608	0.5	0.2	0.3
Aroclor 1242	ug/L				ND	ND	ND	EPA 608	0.5	0.08	0.1
Aroclor 1248	ug/L				ND	ND	ND	EPA 608	0.5	0.04	0.1
Aroclor 1254	ug/L				ND	ND	ND	EPA 608	0.5	0.03	0.05
Aroclor 1260	ug/L				ND	ND	ND	EPA 608	0.5	0.05	0.1
Arsenic	ug/L				2.02	2.63	3.23	EPA 200.8	2	0.16	1.00
Barium	ug/L				37.9	42.8	47.7	EPA 200.8		0.06	0.50
Benzene	ug/L				ND	ND	ND	EPA 624	2	0.10 - 0.24	0.50
Benzidine	ug/L				ND	ND	ND	EPA 625	5	16.7	50.0
Benzo(a)anthracene	ug/L				ND	ND	ND	EPA 625	5	1.9	50.0
Benzo(a)pyrene	ug/L				ND	ND	ND	EPA 625	10	1.5	100

Saugus Water Reclamation Plant
2014 INF-001 Monitoring Results

Parameter	Units	January	February	March	April	May	June	July	August	September
Benzo(b)fluoranthene	ug/L	ND						ND		
Benzo(g,h,i)perylene	ug/L	ND						ND		
Benzo(k)fluoranthene	ug/L	ND						ND		
Beryllium	ug/L	ND						ND		
beta-BHC	ug/L	ND						ND		
bis(2-Chloroethoxy) methane	ug/L	ND						ND		
bis(2-Chloroethyl) ether	ug/L	ND						ND		
bis(2-Chloroisopropyl) ether	ug/L	ND						ND		
bis(2-Ethylhexyl) phthalate	ug/L	DNQ Est. Conc. 8.9						DNQ Est. Conc. 17.7		
BOD	mg/L	319	255	255	278	280	347	326	281	265
Bromodichloromethane	ug/L	2.0						ND		
Bromoform	ug/L	0.97						DNQ Est. Conc. 0.13		
Butyl benzyl phthalate	ug/L	DNQ Est. Conc. 7.3						DNQ Est. Conc. 8.7		
Cadmium	ug/L	DNQ Est. Conc. 0.073						DNQ Est. Conc. 0.15		
Carbon tetrachloride	ug/L	ND						ND		
Chlordane	ug/L	ND						ND		
Chloride	mg/L	119	128	125	134	137	127	126	135	131
Chlorobenzene	ug/L	ND						ND		
Chlorodibromomethane	ug/L	1.0						ND		
Chloroethane	ug/L	ND						ND		
Chloroform	ug/L	18.2						2.2		
Chromium VI	ug/L	ND						DNQ Est. Conc. 0.02		
Chromium, total	ug/L	0.76						0.85		
Chrysene	ug/L	ND						ND		
Copper	ug/L	95.2						85.9		
delta-BHC	ug/L	ND						ND		
Di-n-butyl phthalate	ug/L	ND						ND		
Di-n-octyl phthalate	ug/L	ND						ND		
Dibenzo(a,h)anthracene	ug/L	ND						ND		
Dieldrin	ug/L	ND						ND		
Diethyl phthalate	ug/L	DNQ Est. Conc. 4.1						DNQ Est. Conc. 7.3		
Dimethyl phthalate	ug/L	ND						ND		
Endosulfan II	ug/L	ND						ND		
Endosulfan I	ug/L	ND						ND		
Endosulfan sulfate	ug/L	ND						ND		
Endrin aldehyde	ug/L	ND						ND		
Endrin	ug/L	ND						ND		
Ethylbenzene	ug/L	ND						ND		
Fluoranthene	ug/L	ND						ND		
Fluorene	ug/L	ND						ND		
gamma-BHC (Lindane)	ug/L	ND						ND		
Heptachlor epoxide	ug/L	ND						ND		
Heptachlor	ug/L	ND						ND		
Hexachlorobenzene	ug/L	ND						ND		
Hexachlorobutadiene	ug/L	ND						ND		
Hexachlorocyclopentadiene	ug/L	ND						ND		
Hexachloroethane	ug/L	ND						ND		
Indeno (1,2,3-cd) pyrene	ug/L	ND						ND		
Iron	mg/L	0.19			0.40			0.31		
Isophorone	ug/L	ND						ND		
Lead	ug/L	0.51			0.82			0.87		
Mercury	ug/L	DNQ Est. Conc. 0.01						DNQ Est. Conc. 0.03		
Methoxychlor	ug/L	ND						ND		
Methyl bromide (Bromomethane)	ug/L	ND						ND		
Methyl chloride (Chloromethane)	ug/L	ND						ND		
Methylene chloride	ug/L	1.5						3.0		
n-Nitrosodi-n-propylamine	ug/L	ND						ND		

Saugus Water Reclamation Plant
2014 INF-001 Monitoring Results

Parameter	Units	October	November	December	Monthly Average			Method	ML	MDL	RDL
					Minimum	Average	Maximum				
Benzo(b)fluoranthene	ug/L				ND	ND	ND	EPA 625	10	1.3	100
Benzo(g,h,i)perylene	ug/L				ND	ND	ND	EPA 625	5	1.9	50.0
Benzo(k)fluoranthene	ug/L				ND	ND	ND	EPA 625	10	2.3	100
Beryllium	ug/L				ND	ND	ND	EPA 200.8	0.5	0.040	0.25
beta-BHC	ug/L				ND	ND	ND	EPA 608	0.005	0.003	0.005
bis(2-Chloroethoxy) methane	ug/L				ND	ND	ND	EPA 625	5	1.3	50.0
bis(2-Chloroethyl) ether	ug/L				ND	ND	ND	EPA 625	1	1.9	10.0
bis(2-Chloroisopropyl) ether	ug/L				ND	ND	ND	EPA 625	2	1.6	20.0
bis(2-Ethylhexyl) phthalate	ug/L				DNQ Est. Conc. 8.9	ND	DNQ Est. Conc. 17.7	EPA 625	5	2.5	20.0
BOD	mg/L	252	273	204	204	278	347	SM 5210B		0.6	85.7 - 120
Bromodichloromethane	ug/L				ND	1.0	2.0	EPA 624	2	0.08 - 0.09	0.50
Bromoform	ug/L				DNQ Est. Conc. 0.13	0.49	0.97	EPA 624	2	0.13	0.50
Butyl benzyl phthalate	ug/L				DNQ Est. Conc. 7.3	ND	DNQ Est. Conc. 8.7	EPA 625	10	1.6	100
Cadmium	ug/L				DNQ Est. Conc. 0.073	ND	DNQ Est. Conc. 0.15	EPA 200.8	0.25	0.040	0.20
Carbon tetrachloride	ug/L				ND	ND	ND	EPA 624	2	0.07 - 0.11	0.50
Chlordane	ug/L				ND	ND	ND	EPA 608	0.1	0.03	0.05
Chloride	mg/L	136	120	129	119	129	137	EPA 300.0		0.200 - 0.600	4.00 - 10.0
Chlorobenzene	ug/L				ND	ND	ND	EPA 624	2	0.08 - 0.17	0.50
Chlorodibromomethane	ug/L				ND	0.50	1.0	EPA 624	2	0.08 - 0.10	0.50
Chloroethane	ug/L				ND	ND	ND	EPA 624	2	0.15 - 0.22	0.50
Chloroform	ug/L				2.2	10	18.2	EPA 624	2	0.09 - 0.12	0.50
Chromium VI	ug/L				ND	ND	DNQ Est. Conc. 0.02	EPA 218.6 (Dissolved)		0.0048 - 0.02	0.05 - 0.30
Chromium, total	ug/L				0.76	0.81	0.85	EPA 200.8	0.5	0.07	0.50
Chrysene	ug/L				ND	ND	ND	EPA 625	10	1.7	100
Copper	ug/L				85.9	90.6	95.2	EPA 200.8	0.5	0.08	0.50
delta-BHC	ug/L				ND	ND	ND	EPA 608	0.005	0.003	0.005
Di-n-butyl phthalate	ug/L				ND	ND	ND	EPA 625	10	1.6	100
Di-n-octyl phthalate	ug/L				ND	ND	ND	EPA 625	10	1.6	100
Dibenzo(a,h)anthracene	ug/L				ND	ND	ND	EPA 625	10	1.5	100
Dieldrin	ug/L				ND	ND	ND	EPA 608	0.01	0.001	0.01
Diethyl phthalate	ug/L				DNQ Est. Conc. 4.1	ND	DNQ Est. Conc. 7.3	EPA 625	2	2.1	20.0
Dimethyl phthalate	ug/L				ND	ND	ND	EPA 625	2	1.9	20.0
Endosulfan II	ug/L				ND	ND	ND	EPA 608	0.01	0.003	0.01
Endosulfan I	ug/L				ND	ND	ND	EPA 608	0.02	0.001	0.01
Endosulfan sulfate	ug/L				ND	ND	ND	EPA 608	0.05	0.002	0.01
Endrin aldehyde	ug/L				ND	ND	ND	EPA 608	0.01	0.001	0.01
Endrin	ug/L				ND	ND	ND	EPA 608	0.01	0.002	0.01
Ethylbenzene	ug/L				ND	ND	ND	EPA 624	2	0.06 - 0.12	0.50
Fluoranthene	ug/L				ND	ND	ND	EPA 625	1	1.9	10.0
Fluorene	ug/L				ND	ND	ND	EPA 625	10	1.8	100
gamma-BHC (Lindane)	ug/L				ND	ND	ND	EPA 608	0.02	0.001	0.01
Heptachlor epoxide	ug/L				ND	ND	ND	EPA 608	0.01	0.001	0.01
Heptachlor	ug/L				ND	ND	ND	EPA 608	0.01	0.001	0.01
Hexachlorobenzene	ug/L				ND	ND	ND	EPA 625	1	1.8	10.0
Hexachlorobutadiene	ug/L				ND	ND	ND	EPA 625	1	1.4	10.0
Hexachlorocyclopentadiene	ug/L				ND	ND	ND	EPA 625	5	7.5	50.0
Hexachloroethane	ug/L				ND	ND	ND	EPA 625	1	1.4	10.0
Indeno (1,2,3-cd) pyrene	ug/L				ND	ND	ND	EPA 625	10	1.4	100
Iron	mg/L		0.19		0.19	0.27	0.40	EPA 200.8		0.003 - 0.005	0.020
Isophorone	ug/L				ND	ND	ND	EPA 625	1	1.3	10.0
Lead	ug/L		0.64		0.51	0.71	0.87	EPA 200.8	0.5	0.03	0.25
Mercury	ug/L				DNQ Est. Conc. 0.01	ND	DNQ Est. Conc. 0.03	EPA 245.1	0.5	0.01	0.04
Methoxychlor	ug/L				ND	ND	ND	EPA 608		0.001	0.01
Methyl bromide (Bromomethane)	ug/L				ND	ND	ND	EPA 624	2	0.30 - 0.34	0.50
Methyl chloride (Chloromethane)	ug/L				ND	ND	ND	EPA 624	2	0.06 - 0.22	0.50
Methylene chloride	ug/L				1.5	2.3	3.0	EPA 624	2	0.20 - 0.27	0.50
n-Nitrosodi-n-propylamine	ug/L				ND	ND	ND	EPA 625	5	1.2	50.0

Saugus Water Reclamation Plant
2014 INF-001 Monitoring Results

Parameter	Units	January	February	March	April	May	June	July	August	September
n-Nitrosodimethylamine (NDMA)	ug/L	ND						ND		
n-Nitrosodiphenylamine	ug/L	ND						ND		
Naphthalene	ug/L	ND						ND		
Nickel	ug/L	2.10						2.80		
Nitrobenzene	ug/L	ND						ND		
Pentachlorophenol	ug/L	ND						ND		
Perchlorate	ug/L	ND			ND			0.087		
Phenanthrene	ug/L	ND						ND		
Phenol	ug/L	19.0						28.2		
pH	SU	8.3	8.1	8.2	8.2	8.2	8.1	8.2	8.2	8.1
Polychlorinated biphenyls (PCBs)	ug/L	ND						ND		
Pyrene	ug/L	ND						ND		
Selenium	ug/L	DNQ Est. Conc. 0.71						DNQ Est. Conc. 0.75		
Silver	ug/L	DNQ Est. Conc. 0.10						DNQ Est. Conc. 0.14		
Tetrachloroethene	ug/L	ND						ND		
Thallium	ug/L	ND						ND		
Toluene	ug/L	0.56						0.69		
Total cyanide	ug/L	DNQ Est. Conc. 1.82			ND			DNQ Est. Conc. 1.17		
Total suspended solids	mg/L	332	292	313	295	285	359	322	270	247
Total trihalomethanes	ug/L	22.2						2.2		
Toxaphene	ug/L	ND						ND		
trans-1,2-Dichloroethene	ug/L	ND						ND		
Trichloroethene	ug/L	ND						ND		
Vinyl chloride	ug/L	ND						ND		
Zinc	ug/L	84.5						144		

Saugus Water Reclamation Plant
2014 INF-001 Monitoring Results

Parameter	Units	October	November	December	Monthly Average			Method	ML	MDL	RDL
					Minimum	Average	Maximum				
n-Nitrosodimethylamine (NDMA)	ug/L				ND	ND	ND	EPA 625	5	1.4	50.0
n-Nitrosodiphenylamine	ug/L				ND	ND	ND	EPA 625	1	1.5	10.0
Naphthalene	ug/L				ND	ND	ND	EPA 625	1	1.8	10.0
Nickel	ug/L				2.10	2.45	2.80	EPA 200.8	1	0.13	1.00
Nitrobenzene	ug/L				ND	ND	ND	EPA 625	1	2.2	10.0
Pentachlorophenol	ug/L				ND	ND	ND	EPA 625	5	3.8	10.0
Perchlorate	ug/L	0.39			ND	0.12	0.39	EPA 331.0		0.0201	0.05
Phenanthrene	ug/L				ND	ND	ND	EPA 625	5	1.9	50.0
Phenol	ug/L				19.0	23.6	28.2	EPA 625	1	1.4	10.0
pH	SU	8.1	8.1	8.2	8.1	8.2	8.3	SM 4500 H+ B		1.00	1.00 - 4.00
Polychlorinated biphenyls (PCBs)	ug/L				ND	ND	ND	EPA 608			
Pyrene	ug/L				ND	ND	ND	EPA 625	10	1.9	100
Selenium	ug/L				DNQ Est. Conc. 0.71	ND	DNQ Est. Conc. 0.75	EPA 200.8	2	0.17	1.00
Silver	ug/L				DNQ Est. Conc. 0.10	ND	DNQ Est. Conc. 0.14	EPA 200.8	0.25	0.03	0.20
Tetrachloroethene	ug/L				ND	ND	ND	EPA 624	2	0.12 - 0.16	0.50
Thallium	ug/L				ND	ND	ND	EPA 200.8	1	0.020	0.25
Toluene	ug/L				0.56	0.63	0.69	EPA 624	2	0.06 - 0.12	0.50
Total cyanide	ug/L	DNQ Est. Conc. 2.90			ND	ND	DNQ Est. Conc. 2.90	SM 4500 CN E	5	1.00	5.00
Total suspended solids	mg/L	299	237	246	237	291	359	SM 2540D		100	100
Total trihalomethanes	ug/L				2.2	12	22.2	EPA 624			0.50
Toxaphene	ug/L				ND	ND	ND	EPA 608	0.5	0.04	0.5
trans-1,2-Dichloroethene	ug/L				ND	ND	ND	EPA 624	1	0.09 - 0.26	0.50
Trichloroethene	ug/L				ND	ND	ND	EPA 624	2	0.13 - 0.32	0.50
Vinyl chloride	ug/L				ND	ND	ND	EPA 624	2	0.12 - 0.37	0.50
Zinc	ug/L				84.5	114	144	EPA 200.8	1	0.22	1.00

Saugus WRP Effluent Monitoring

Saugus Water Reclamation Plant
2014 EFF-001 Monitoring Results

Parameter	Units	January	February	March	April	May	June	July	August	September
1,1-Dichloroethane	ug/L	ND						ND		
1,1-Dichloroethene	ug/L	ND						ND		
1,1,1-Trichloroethane	ug/L	ND						ND		
1,1,2-Trichloroethane	ug/L	ND						ND		
1,1,2,2-Tetrachloroethane	ug/L	ND						ND		
1,2-Dichlorobenzene	ug/L	ND						ND		
1,2-Dichloroethane	ug/L	ND						ND		
1,2-Dichloropropane	ug/L	ND						ND		
1,2-Diphenylhydrazine	ug/L	ND						ND		
1,2,3-Trichloropropane	ug/L	ND						ND		
1,2,3,4,6,7,8-HeptaCDD	pg/L	DNQ Est. Conc. 2.2						ND		
1,2,3,4,6,7,8-HeptaCDF	pg/L	DNQ Est. Conc. 2.0						ND		
1,2,3,4,7,8-HexaCDD	pg/L	ND						ND		
1,2,3,4,7,8-HexaCDF	pg/L	ND						ND		
1,2,3,4,7,8,9-HeptaCDF	pg/L	ND						ND		
1,2,3,6,7,8-HexaCDD	pg/L	ND						ND		
1,2,3,6,7,8-HexaCDF	pg/L	ND						ND		
1,2,3,7,8-PentaCDD	pg/L	ND						ND		
1,2,3,7,8-PentaCDF	pg/L	ND						ND		
1,2,3,7,8,9-HexaCDD	pg/L	ND						ND		
1,2,3,7,8,9-HexaCDF	pg/L	ND						ND		
1,2,4-Trichlorobenzene	ug/L	ND						ND		
1,3-Dichlorobenzene	ug/L	ND						ND		
1,3-Dichloropropene (Total)	ug/L	ND						ND		
1,4-Dichlorobenzene	ug/L	DNQ Est. Conc. 0.29						DNQ Est. Conc. 0.10		
1,4-Dioxane	ug/L	0.65						0.89		
2-Chloroethyl vinyl ether (mixed)	ug/L	ND						ND		
2-Chloronaphthalene	ug/L	ND						ND		
2-Chlorophenol	ug/L	ND						ND		
2-Methyl-4,6-dinitrophenol	ug/L	ND						ND		
2-Nitrophenol	ug/L	ND						ND		
2,3,4,6,7,8-HexaCDF	pg/L	ND						ND		
2,3,4,7,8-PentaCDF	pg/L	ND						ND		
2,3,7,8-TCDD	pg/L	ND						ND		
2,3,7,8-TetraCDF	pg/L	ND						ND		
2,4-Dichlorophenol	ug/L	ND						ND		
2,4-Dimethylphenol	ug/L	ND						ND		
2,4-Dinitrophenol	ug/L	ND						ND		
2,4-Dinitrotoluene	ug/L	ND						ND		
2,4-D	ug/L	0.58			0.91			ND		
2,4,5-TP (silvex)	ug/L	ND			ND			ND		
2,4,6-Trichlorophenol	ug/L	DNQ Est. Conc. 0.42			DNQ Est. Conc. 0.40			DNQ Est. Conc. 0.32		
2,6-Dinitrotoluene	ug/L	ND						ND		
3-Methyl-4-chlorophenol	ug/L	ND						ND		
3,3'-Dichlorobenzidine	ug/L	ND						ND		
4-Bromophenyl phenyl ether	ug/L	ND						ND		
4-Chlorophenyl phenyl ether	ug/L	ND						ND		
4-Nitrophenol	ug/L	ND						ND		
4,4'-DDT	ug/L	ND						ND		
4,4'-DDD	ug/L	ND						ND		
4,4'-DDE	ug/L	ND						ND		
Acenaphthene	ug/L	ND						ND		
Acenaphthylene	ug/L	ND						ND		
Acrolein	ug/L	ND						ND		
Acrylonitrile	ug/L	ND						ND		
Aldrin	ug/L	ND						ND		
alpha-BHC	ug/L	ND						ND		
Ammonia as nitrogen	mg/L	1.18	1.12	1.08	1.04	0.987	1.07	1.05	1.10	1.06
Anthracene	ug/L	ND						ND		
Antimony	ug/L	DNQ Est. Conc. 0.44	DNQ Est. Conc. 0.49	DNQ Est. Conc. 0.37	DNQ Est. Conc. 0.42	0.53	DNQ Est. Conc. 0.48	0.51	0.53	0.52
Aroclor 1016	ug/L	ND						ND		
Aroclor 1221	ug/L	ND						ND		
Aroclor 1232	ug/L	ND						ND		
Aroclor 1242	ug/L	ND						ND		
Aroclor 1248	ug/L	ND						ND		
Aroclor 1254	ug/L	ND						ND		
Aroclor 1260	ug/L	ND						ND		
Arsenic	ug/L	1.76			DNQ Est. Conc. 0.77			DNQ Est. Conc. 0.97		
Barium	ug/L	28.2			39.6			28.7		
Benzene	ug/L	ND						ND		
Benzidine	ug/L	ND						ND		
Benzo(a)anthracene	ug/L	ND						ND		

Saugus Water Reclamation Plant
2014 EFF-001 Monitoring Results

Parameter	Units	October	November	December	Monthly Average			Limit		Method	ML	MDL	RDL
					Minimum	Average	Maximum	Max Daily	Monthly Average				
1,1-Dichloroethane	ug/L				ND	ND	ND			EPA 624	1	0.07 - 0.19	0.50
1,1-Dichloroethene	ug/L				ND	ND	ND			EPA 624	2	0.13 - 0.28	0.50
1,1,1-Trichloroethane	ug/L				ND	ND	ND			EPA 624	2	0.07 - 0.08	0.50
1,1,2-Trichloroethane	ug/L				ND	ND	ND			EPA 624	2	0.10 - 0.14	0.50
1,1,2,2-Tetrachloroethane	ug/L				ND	ND	ND			EPA 624	1	0.10	0.50
1,2-Dichlorobenzene	ug/L				ND	ND	ND			EPA 624	2	0.12 - 0.16	0.50
1,2-Dichloroethane	ug/L				ND	ND	ND			EPA 624	2	0.09	0.50
1,2-Dichloropropane	ug/L				ND	ND	ND			EPA 624	1	0.09 - 0.12	0.50
1,2-Diphenylhydrazine	ug/L				ND	ND	ND			EPA 625	1	0.13	1.0
1,2,3-Trichloropropane	ug/L				ND	ND	ND			EPA 524.2		0.0012	0.0050
1,2,3,4,6,7,8-HeptaCDD	pg/L				ND	ND	DNQ Est. Conc. 2.2			EPA 1613B		1.0 - 1.8	52 - 57
1,2,3,4,6,7,8-HeptaCDF	pg/L				ND	ND	DNQ Est. Conc. 2.0			EPA 1613B		0.82 - 1.1	52 - 57
1,2,3,4,7,8-HexaCDD	pg/L				ND	ND	ND			EPA 1613B		1.3 - 1.7	52 - 57
1,2,3,4,7,8-HexaCDF	pg/L				ND	ND	ND			EPA 1613B		1.3 - 1.7	52 - 57
1,2,3,4,7,8,9-HeptaCDF	pg/L				ND	ND	ND			EPA 1613B		1.3 - 1.4	52 - 57
1,2,3,6,7,8-HexaCDD	pg/L				ND	ND	ND			EPA 1613B		1.3 - 1.9	52 - 57
1,2,3,6,7,8-HexaCDF	pg/L				ND	ND	ND			EPA 1613B		1.1 - 1.4	52 - 57
1,2,3,7,8-PentaCDD	pg/L				ND	ND	ND			EPA 1613B		1.7 - 4.2	52 - 57
1,2,3,7,8-PentaCDF	pg/L				ND	ND	ND			EPA 1613B		2.8 - 3.4	52 - 57
1,2,3,7,8,9-HexaCDD	pg/L				ND	ND	ND			EPA 1613B		1.1 - 1.6	52 - 57
1,2,3,7,8,9-HexaCDF	pg/L				ND	ND	ND			EPA 1613B		1.2 - 1.5	52 - 57
1,2,4-Trichlorobenzene	ug/L				ND	ND	ND			EPA 625	5	0.17	5.0
1,3-Dichlorobenzene	ug/L				ND	ND	ND			EPA 624	2	0.08 - 0.09	0.50
1,3-Dichloropropene (Total)	ug/L				ND	ND	ND			EPA 624	2		0.50
1,4-Dichlorobenzene	ug/L				DNQ Est. Conc. 0.10	ND	DNQ Est. Conc. 0.29			EPA 624	2	0.07	0.50
1,4-Dioxane	ug/L				0.65	0.77	0.89			SW-846 8270MOD		0.09	0.40
2-Chloroethyl vinyl ether (mixed)	ug/L				ND	ND	ND			EPA 624	1	0.16 - 0.23	0.50
2-Chloronaphthalene	ug/L				ND	ND	ND			EPA 625	10	0.16	10.0
2-Chlorophenol	ug/L				ND	ND	ND			EPA 625	5	0.15	5.0
2-Methyl-4,6-dinitrophenol	ug/L				ND	ND	ND			EPA 625	5	1.3	5.0
2-Nitrophenol	ug/L				ND	ND	ND			EPA 625	10	0.20	10.0
2,3,4,6,7,8-HexaCDF	pg/L				ND	ND	ND			EPA 1613B		1.1 - 1.2	52 - 57
2,3,4,7,8-PentaCDF	pg/L				ND	ND	ND			EPA 1613B		3.1 - 3.9	52 - 57
2,3,7,8-TCDD	pg/L				ND	ND	ND			EPA 1613B		0.88 - 1.4	10 - 11
2,3,7,8-TetraCDF	pg/L				ND	ND	ND			EPA 1613B		1.3	10 - 11
2,4-Dichlorophenol	ug/L				ND	ND	ND			EPA 625	5	0.15	5.0
2,4-Dimethylphenol	ug/L				ND	ND	ND			EPA 625	2	0.11	2.0
2,4-Dinitrophenol	ug/L				ND	ND	ND			EPA 625	5	1.7	5.0
2,4-Dinitrotoluene	ug/L				ND	ND	ND			EPA 625	5	0.20	5.0
2,4-D	ug/L		ND		ND	0.37	0.91			SW-846 8151A		0.043 - 0.22	0.51 - 0.58
2,4,5-TP (silvex)	ug/L		ND		ND	ND	ND			SW-846 8151A		0.071 - 0.18	0.51 - 0.58
2,4,6-Trichlorophenol	ug/L	DNQ Est. Conc. 0.26			DNQ Est. Conc. 0.26	ND	DNQ Est. Conc. 0.42			EPA 625	10	0.12	10.0
2,6-Dinitrotoluene	ug/L				ND	ND	ND			EPA 625	5	0.22	5.0
3-Methyl-4-chlorophenol	ug/L				ND	ND	ND			EPA 625	1	0.13	1.0
3,3'-Dichlorobenzidine	ug/L				ND	ND	ND			EPA 625	5	1.2	5.0
4-Bromophenyl phenyl ether	ug/L				ND	ND	ND			EPA 625	5	0.21	5.0
4-Chlorophenyl phenyl ether	ug/L				ND	ND	ND			EPA 625	5	0.17	5.0
4-Nitrophenol	ug/L				ND	ND	ND			EPA 625	10	1.4	10.0
4,4'-DDT	ug/L				ND	ND	ND			EPA 608	0.01	0.001	0.01
4,4'-DDD	ug/L				ND	ND	ND			EPA 608	0.05	0.002	0.01
4,4'-DDE	ug/L				ND	ND	ND			EPA 608	0.05	0.002	0.01
Acenaphthene	ug/L				ND	ND	ND			EPA 625	1	0.15	1.0
Acenaphthylene	ug/L				ND	ND	ND			EPA 625	10	0.14	10.0
Acrolein	ug/L				ND	ND	ND			EPA 624		1.4 - 1.6	2.0
Acrylonitrile	ug/L				ND	ND	ND			EPA 624		0.31 - 0.92	2.0
Aldrin	ug/L				ND	ND	ND			EPA 608	0.005	0.002	0.005
alpha-BHC	ug/L				ND	ND	ND			EPA 608	0.01	0.001	0.01
Ammonia as nitrogen	mg/L	1.20	0.949	1.06	0.949	1.07	1.20	5.6	2.0	SM 4500 NH3 G		0.020 - 0.040	0.100 - 0.200
Anthracene	ug/L				ND	ND	ND			EPA 625	10	0.18	10.0
Antimony	ug/L	0.56	DNQ Est. Conc. 0.45	0.40	DNQ Est. Conc. 0.37	0.25	0.56		6	EPA 200.8	0.5	0.02 - 0.13	0.20 - 0.50
Aroclor 1016	ug/L				ND	ND	ND			EPA 608	0.5	0.04	0.1
Aroclor 1221	ug/L				ND	ND	ND			EPA 608	0.5	0.2	0.5
Aroclor 1232	ug/L				ND	ND	ND			EPA 608	0.5	0.2	0.3
Aroclor 1242	ug/L				ND	ND	ND			EPA 608	0.5	0.08	0.1
Aroclor 1248	ug/L				ND	ND	ND			EPA 608	0.5	0.04	0.1
Aroclor 1254	ug/L				ND	ND	ND			EPA 608	0.5	0.03	0.05
Aroclor 1260	ug/L				ND	ND	ND			EPA 608	0.5	0.05	0.1
Arsenic	ug/L	1.01			DNQ Est. Conc. 0.77	0.69	1.76			EPA 200.8	2	0.16	1.00
Barium	ug/L	36.0			28.2	33.1	39.6			EPA 200.8		0.06	0.50
Benzene	ug/L				ND	ND	ND			EPA 624	2	0.10 - 0.24	0.50
Benzidine	ug/L				ND	ND	ND			EPA 625	5	1.7	5.0
Benzo(a)anthracene	ug/L				ND	ND	ND			EPA 625	5	0.19	5.0

Saugus Water Reclamation Plant
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Parameter	Units	January	February	March	April	May	June	July	August	September
Benzo(a)pyrene	ug/L	ND						ND		
Benzo(b)fluoranthene	ug/L	ND						ND		
Benzo(g,h,i)perylene	ug/L	ND						ND		
Benzo(k)fluoranthene	ug/L	ND						ND		
Beryllium	ug/L	ND			ND			ND		
beta-BHC	ug/L	ND						ND		
bis(2-Chloroethoxy) methane	ug/L	ND						ND		
bis(2-Chloroethyl) ether	ug/L	ND						ND		
bis(2-Chloroisopropyl) ether	ug/L	ND						ND		
bis(2-Ethylhexyl) phthalate	ug/L	ND						ND		
BOD	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
Boron	mg/L	0.40	0.46	0.53	0.56	0.51	0.57	0.41	0.50	0.53
Bromodichloromethane	ug/L	25.4	17.8	24.4	22.3	14.4	25.8	21.0	13.9	23.8
Bromoform	ug/L	1.8	1.3	1.7	1.7	1.3	1.9	1.9	2.1	3.0
Butyl benzyl phthalate	ug/L	ND						ND		
Cadmium	ug/L	ND	DNQ Est. Conc. 0.042	ND	ND	ND	ND	DNQ Est. Conc. 0.054	DNQ Est. Conc. 0.043	ND
Carbon tetrachloride	ug/L	ND						ND		
Chlordane	ug/L	ND						ND		
Chloride	mg/L	130	128	134	135	125	129	143	134	134
Chlorobenzene	ug/L	ND						ND		
Chlorodibromomethane	ug/L	11.8	8.6	11.2	10.6	7.0	12.4	9.5	7.9	13.2
Chloroethane	ug/L	ND						ND		
Chloroform	ug/L	35.6	18.2	25.2	26.9	14.4	23.4	24.1	11.6	20.0
Chlorpyrifos	ug/L	ND						ND		
Chromium III	ug/L				ND			ND		
Chromium VI	ug/L	ND			ND			DNQ Est. Conc. 0.04		
Chromium, total	ug/L	DNQ Est. Conc. 0.30			DNQ Est. Conc. 0.37			DNQ Est. Conc. 0.23		
Chrysene	ug/L	ND						ND		
Copper	ug/L	7.20			9.08			7.88		
delta-BHC	ug/L	ND						ND		
Demeton (total)	ug/L							ND		
Di-n-butyl phthalate	ug/L	ND						ND		
Di-n-octyl phthalate	ug/L	ND						ND		
Diazinon	ug/L	ND						ND		
Dibenzo(a,h)anthracene	ug/L	ND						ND		
Dieldrin	ug/L	ND						ND		
Diethyl phthalate	ug/L	ND			ND			DNQ Est. Conc. 0.28		
Dimethyl phthalate	ug/L	ND						ND		
Dissolved oxygen	mg/L	7.90	7.85	7.75	7.53	7.28	7.18	7.08	7.25	6.60
E. coli	No./100mL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan II	ug/L	ND						ND		
Endosulfan I	ug/L	ND						ND		
Endosulfan sulfate	ug/L	ND						ND		
Endrin aldehyde	ug/L	ND						ND		
Endrin	ug/L	ND						ND		
Ethylbenzene	ug/L	ND						ND		
Fecal coliform	No./100mL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	ug/L	ND						ND		
Fluorene	ug/L	ND						ND		
Fluoride	mg/L	0.200			0.257			0.214		
gamma-BHC (Lindane)	ug/L	ND			ND			ND		
Gross alpha radioactivity	pCi/L	1.34			1.92			2.84		
Gross beta radioactivity	pCi/L	5.06			2.50			4.62		
Guthion	ug/L							ND		
Heptachlor epoxide	ug/L	ND						ND		
Heptachlor	ug/L	ND						ND		
Hexachlorobenzene	ug/L	ND						ND		
Hexachlorobutadiene	ug/L	ND						ND		
Hexachlorocyclopentadiene	ug/L	ND						ND		
Hexachloroethane	ug/L	ND						ND		
Indeno (1,2,3-cd) pyrene	ug/L	ND						ND		
Iron	ug/L	21.1	30.1	43.2	88.5	77.5	21.2	DNQ Est. Conc. 17.2	DNQ Est. Conc. 14.6	24.0
Isophorone	ug/L	ND						ND		
Lead	ug/L	DNQ Est. Conc. 0.13			DNQ Est. Conc. 0.16			DNQ Est. Conc. 0.13		
Malathion	ug/L							ND		
Mercury	ug/L	0.00082			0.00086			0.00051		
Methoxychlor	ug/L	ND			ND			ND		
Methyl bromide (Bromomethane)	ug/L	ND						ND		
Methyl chloride (Chloromethane)	ug/L	ND			ND			ND		
Methyl tert-butyl ether (MTBE)	ug/L	ND						ND		
Methylene chloride	ug/L	ND			ND			ND		
Mirex	ug/L							ND		
n-Nitrosodi-n-propylamine	ug/L	ND						ND		

Saugus Water Reclamation Plant
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Parameter	Units	October	November	December	Monthly Average			Limit		Method	ML	MDL	RDL
					Minimum	Average	Maximum	Max Daily	Monthly Average				
Benzo(a)pyrene	ug/L				ND	ND	ND			EPA 610	10	0.007	0.020
Benzo(b)fluoranthene	ug/L				ND	ND	ND			EPA 610	10	0.004	0.020
Benzo(g,h,i)perylene	ug/L				ND	ND	ND			EPA 625	5	0.19	5.0
Benzo(k)fluoranthene	ug/L				ND	ND	ND			EPA 610	10	0.005	0.020
Beryllium	ug/L	ND			ND	ND	ND			EPA 200.8	0.5	0.040	0.25
beta-BHC	ug/L				ND	ND	ND			EPA 608	0.005	0.003	0.005
bis(2-Chloroethoxy) methane	ug/L				ND	ND	ND			EPA 625	5	0.13	5.0
bis(2-Chloroethyl) ether	ug/L				ND	ND	ND			EPA 625	1	0.19	1.0
bis(2-Chloroisopropyl) ether	ug/L				ND	ND	ND			EPA 625	2	0.16	2.0
bis(2-Ethylhexyl) phthalate	ug/L				ND	ND	ND			EPA 625	5	0.25	2.0
BOD	mg/L	ND	ND	ND	ND	ND	ND	45	20	SM 5210B		0.6	3.0 - 3.3
Boron	mg/L	0.55	0.53	0.54	0.40	0.51	0.57		1.5	EPA 200.8		0.002 - 0.005	0.020
Bromodichloromethane	ug/L	22.4	25.1	23.1	13.9	21.6	25.8			EPA 624	2	0.08 - 0.17	0.50
Bromoform	ug/L	3.0	2.6	2.4	1.3	2.1	3.0			EPA 624	2	0.11 - 0.17	0.50
Butyl benzyl phthalate	ug/L				ND	ND	ND			EPA 625	10	0.16	10.0
Cadmium	ug/L	ND	ND	DNQ Est. Conc. 0.040	ND	ND	DNQ Est. Conc. 0.054		5	EPA 200.8	0.25	0.028 - 0.070	0.080 - 0.20
Carbon tetrachloride	ug/L				ND	ND	ND			EPA 624	2	0.07 - 0.11	0.50
Chlordane	ug/L				ND	ND	ND			EPA 608	0.1	0.03	0.05
Chloride	mg/L	140	132	143	125	134	143	230 (1)		EPA 300.0		0.200 - 0.600	4.00 - 10.0
Chlorobenzene	ug/L				ND	ND	ND			EPA 624	2	0.08 - 0.17	0.50
Chlorodibromomethane	ug/L	12.3	13.9	11.8	7.0	11	13.9			EPA 624	2	0.07 - 0.14	0.50
Chloroethane	ug/L				ND	ND	ND			EPA 624	2	0.15 - 0.22	0.50
Chloroform	ug/L	17.0	24.2	20.2	11.6	21.7	35.6			EPA 624	2	0.09 - 0.18	0.50
Chlorpyrifos	ug/L				ND	ND	ND			SW-846 8141A		0.0060 - 0.0069	0.010 - 0.10
Chromium III	ug/L	ND			ND	ND	ND			EPA 200.8			0.50
Chromium VI	ug/L	DNQ Est. Conc. 0.02			ND	ND	DNQ Est. Conc. 0.04			EPA 218.6 (Dissolved)		0.0048 - 0.02	0.05 - 0.30
Chromium, total	ug/L	DNQ Est. Conc. 0.31			DNQ Est. Conc. 0.23	ND	DNQ Est. Conc. 0.37			EPA 200.8	0.5	0.07	0.50
Chrysene	ug/L				ND	ND	ND			EPA 610	10	0.005	0.020
Copper	ug/L	4.33			4.33	7.12	9.08			EPA 200.8	0.5	0.08	0.50
delta-BHC	ug/L				ND	ND	ND			EPA 608	0.005	0.003	0.005
Demeton (total)	ug/L				ND	ND	ND			SW-846 8141A			
Di-n-butyl phthalate	ug/L				ND	ND	ND			EPA 625	10	0.16	10.0
Di-n-octyl phthalate	ug/L				ND	ND	ND			EPA 625	10	0.16	10.0
Diazinon	ug/L				ND	ND	ND			SW-846 8141A		0.0060	0.10
Dibenzo(a,h)anthracene	ug/L				ND	ND	ND			EPA 610	10	0.004	0.020
Dieldrin	ug/L				ND	ND	ND			EPA 608	0.01	0.001	0.01
Diethyl phthalate	ug/L	ND			ND	ND	DNQ Est. Conc. 0.28			EPA 625	2	0.21	2.0
Dimethyl phthalate	ug/L				ND	ND	ND			EPA 625	2	0.19	2.0
Dissolved oxygen	mg/L	7.20	7.34	7.55	6.60	7.38	7.90			SM 4500 O G		0.10	1.00
E. coli	No./100mL	ND	ND	ND	ND	ND	ND			SM 9223		1.1	1.1
Endosulfan II	ug/L				ND	ND	ND			EPA 608	0.01	0.003	0.01
Endosulfan I	ug/L				ND	ND	ND			EPA 608	0.02	0.001	0.01
Endosulfan sulfate	ug/L				ND	ND	ND			EPA 608	0.05	0.002	0.01
Endrin aldehyde	ug/L				ND	ND	ND			EPA 608	0.01	0.001	0.01
Endrin	ug/L				ND	ND	ND			EPA 608	0.01	0.002	0.01
Ethylbenzene	ug/L				ND	ND	ND			EPA 624	2	0.06 - 0.12	0.50
Fecal coliform	No./100mL	ND	ND	ND	ND	ND	ND			SM 9222D		1	1
Fluoranthene	ug/L				ND	ND	ND			EPA 625	1	0.19	1.0
Fluorene	ug/L				ND	ND	ND			EPA 625	10	0.18	10.0
Fluoride	mg/L	0.258			0.200	0.232	0.258			SM 4500 F C		0.003 - 0.004	0.100
gamma-BHC (Lindane)	ug/L	ND			ND	ND	ND			EPA 608	0.02	0.0009 - 0.001	0.01
Gross alpha radioactivity	pCi/L	2.91			1.34	2.25	2.91			EPA 900.0		1.50 - 2.56	1.50 - 2.56
Gross beta radioactivity	pCi/L	6.03			2.50	4.55	6.03			EPA 900.0		1.62 - 2.13	1.62 - 2.13
Guthion	ug/L				ND	ND	ND			SW-846 8141A		0.0070	0.10
Heptachlor epoxide	ug/L				ND	ND	ND			EPA 608	0.01	0.001	0.01
Heptachlor	ug/L				ND	ND	ND			EPA 608	0.01	0.001	0.01
Hexachlorobenzene	ug/L				ND	ND	ND			EPA 625	1	0.18	1.0
Hexachlorobutadiene	ug/L				ND	ND	ND			EPA 625	1	0.14	1.0
Hexachlorocyclopentadiene	ug/L				ND	ND	ND			EPA 625	5	0.75	5.0
Hexachloroethane	ug/L				ND	ND	ND			EPA 625	1	0.14	1.0
Indeno (1,2,3-cd) pyrene	ug/L				ND	ND	ND			EPA 610	10	0.004	0.020
Iron	ug/L	20.7	DNQ Est. Conc. 17.0	20.1	DNQ Est. Conc. 14.6	28.9	88.5		300	EPA 200.8		3.0 - 5.0	20.0
Isophorone	ug/L				ND	ND	ND			EPA 625	1	0.13	1.0
Lead	ug/L	DNQ Est. Conc. 0.15			DNQ Est. Conc. 0.13	ND	DNQ Est. Conc. 0.16			EPA 200.8	0.5	0.03	0.25
Malathion	ug/L				ND	ND	ND			SW-846 8141A		0.23	0.25
Mercury	ug/L	0.00073			0.00051	0.00073	0.00086			EPA 1631	0.5	0.00011	0.00020
Methoxychlor	ug/L	ND			ND	ND	ND			EPA 608		0.001	0.01
Methyl bromide (Bromomethane)	ug/L				ND	ND	ND			EPA 624	2	0.30 - 0.34	0.50
Methyl chloride (Chloromethane)	ug/L		ND		ND	ND	ND			EPA 624	2	0.06 - 0.22	0.50
Methyl tert-butyl ether (MTBE)	ug/L				ND	ND	ND			EPA 624		0.16 - 0.21	0.50
Methylene chloride	ug/L	ND	ND		ND	ND	ND			EPA 624	2	0.18 - 0.27	0.50
Mirex	ug/L				ND	ND	ND			EPA 608		0.002	0.05
n-Nitrosodi-n-propylamine	ug/L				ND	ND	ND			EPA 625	5	0.12	5.0

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Parameter	Units	January	February	March	April	May	June	July	August	September
n-Nitrosodimethylamine (NDMA)	ug/L	ND						ND		
n-Nitrosodiphenylamine	ug/L	ND						ND		
Naphthalene	ug/L	ND						ND		
Nickel	ug/L	1.08			1.11			1.36		
Nitrate + nitrite as nitrogen	mg/L	5.52	5.07	5.32	4.81	5.57	5.35	4.73	4.93	4.58
Nitrate as nitrogen	mg/L	5.47	5.04	5.30	4.76	5.54	5.31	4.69	4.89	4.55
Nitrite as nitrogen	mg/L	0.047	ND	ND	0.045	ND	0.039	0.037	0.036	0.032
Nitrobenzene	ug/L	ND						ND		
OctaCDD	pg/L	DNQ Est. Conc. 8.5						DNQ Est. Conc. 5.2		
OctaCDF	pg/L	DNQ Est. Conc. 6.7						ND		
Oil and grease	mg/L	ND			ND			ND		
Organic nitrogen	mg/L	1.76	0.810	1.64	0.940	1.01	2.96	0.760	0.720	1.25
Parathion	ug/L							ND		
Pentachlorophenol	ug/L	ND						ND		
Perchlorate	ug/L	0.21	0.22	0.25	0.26	0.26	0.27	0.30	0.4	0.51
Phenanthrene	ug/L	ND						ND		
Phenol	ug/L	ND						DNQ Est. Conc. 0.24		
pH	SU	7.4	7.4	7.4	7.4	7.4	7.3	7.3	7.3	7.4
Polychlorinated biphenyls (PCBs)	ug/L	ND			ND			ND		
Pyrene	ug/L	ND						ND		
Selenium	ug/L	DNQ Est. Conc. 0.45			DNQ Est. Conc. 0.62			DNQ Est. Conc. 0.34		
Settleable solids	mL/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	ug/L	ND			ND			ND		
Strontium-90	pCi/L	0.247			0.424			ND		
Sulfate	mg/L	90.8	95.0	153	132	94.8	108	108	105	109
Surfactant (CTAS)	mg/L	ND			ND			ND		
Surfactant (MBAS)	mg/L	0.10	ND	ND	ND	ND	ND	ND	ND	ND
Temperature	Degrees F	73.4	74.2	73.7	74.6	76.4	78.9	81.5	81.9	83.4
Tetrachloroethene	ug/L	ND			ND			ND		
Thallium	ug/L	ND			ND			ND		
Toluene	ug/L	0.51						DNQ Est. Conc. 0.24		
Total coliform	No./100mL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total cyanide	ug/L	DNQ Est. Conc. 1.65	DNQ Est. Conc. 1.48	DNQ Est. Conc. 1.59	DNQ Est. Conc. 1.99	DNQ Est. Conc. 1.60	DNQ Est. Conc. 1.23	ND	ND	DNQ Est. Conc. 2.20
Total dissolved solids	mg/L	529	551	640	650	565	577	567	571	556
Total hardness (CaCO3)	mg/L	166	167	243	218	180	169	168	178	175
Total Kjeldahl Nitrogen (TKN)	mg/L	2.94	1.93	2.72	1.98	2.00	4.03	1.81	1.82	2.31
Total nitrogen	mg/L	8.46	7.00	8.04	6.79	7.56	9.38	6.54	6.75	6.89
Total residual chlorine	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total suspended solids	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total trihalomethanes	ug/L	74.6	45.9	62.5	61.4	37.1	63.5	56.5	35.5	60.0
Toxaphene	ug/L	ND						ND		
Toxic equivalence	ug/L	ND						ND		
trans-1,2-Dichloroethene	ug/L	ND						ND		
Trichloroethene	ug/L	ND						ND		
Tritium	pCi/L	ND			ND			ND		
Turbidity (flow proportioned avg daily value)	NTU	0.72	0.83	0.79	0.89	0.89	0.86	0.64	0.67	0.89
Uranium	pCi/L	0.142			0.743			0.140		
Vinyl chloride	ug/L	ND						ND		
Zinc	ug/L	59.8			58.7			63.5		

Saugus Water Reclamation Plant
2014 EFF-001 Monitoring Results

Parameter	Units	October	November	December	Monthly Average			Limit		Method	ML	MDL	RDL
					Minimum	Average	Maximum	Max Daily	Monthly Average				
n-Nitrosodimethylamine (NDMA)	ug/L				ND	ND	ND			EPA 625	5	0.14	5.0
n-Nitrosodiphenylamine	ug/L				ND	ND	ND			EPA 625	1	0.15	1.0
Naphthalene	ug/L				ND	ND	ND			EPA 625	1	0.18	1.0
Nickel	ug/L	1.15			1.08	1.18	1.36			EPA 200.8	1	0.13	1.00
Nitrate + nitrite as nitrogen	mg/L	4.97	5.26	5.02	4.58	5.09	5.57		7.1	SM 4500 NO3 F		0.030	0.200
Nitrate as nitrogen	mg/L	4.93	5.25	4.99	4.55	5.06	5.54		7.1	SM 4500 NO3 F		0.030	0.200
Nitrite as nitrogen	mg/L	0.037	ND	0.032	ND	0.025	0.047		0.9	SM 4500 NO3 F		0.003	0.030
Nitrobenzene	ug/L				ND	ND	ND			EPA 625	1	0.22	1.0
OctaCDD	pg/L				DNQ Est. Conc. 5.2	ND	DNQ Est. Conc. 8.5			EPA 1613B		1.8 - 2.0	100 - 110
OctaCDF	pg/L				ND	ND	DNQ Est. Conc. 6.7			EPA 1613B		1.9	100 - 110
Oil and grease	mg/L	ND			ND	ND	ND	15	10	EPA 1664A		0.8	4.4
Organic nitrogen	mg/L	1.22	1.47	0.860	0.720	1.28	2.96			EPA351.2/SM4500NH3 G		0.050 - 0.135	0.200
Parathion	ug/L				ND	ND	ND			SW-846 8141A		0.085	0.25
Pentachlorophenol	ug/L				ND	ND	ND			EPA 625	5	0.38	1.0
Perchlorate	ug/L	0.45	0.22	0.23	0.21	0.3	0.51		6	EPA 331.0		0.0201	0.05
Phenanthrene	ug/L				ND	ND	ND			EPA 625	5	0.19	5.0
Phenol	ug/L				ND	ND	DNQ Est. Conc. 0.24			EPA 625	1	0.14	1.0
pH	SU	7.4	7.4	7.4	7.3	7.4	7.4			SM 4500 H+ B		1.00	1.00 - 4.00
Polychlorinated biphenyls (PCBs)	ug/L	ND			ND	ND	ND			EPA 608			
Pyrene	ug/L				ND	ND	ND			EPA 625	10	0.19	10.0
Selenium	ug/L	DNQ Est. Conc. 0.37			DNQ Est. Conc. 0.34	ND	DNQ Est. Conc. 0.62			EPA 200.8	2	0.17	1.00
Settleable solids	mL/L	ND	ND	ND	ND	ND	ND	0.3	0.1	SM 2540F		0.1	0.1
Silver	ug/L	ND			ND	ND	ND			EPA 200.8	0.25	0.03	0.20
Strontium-90	pCi/L	ND			ND	0.168	0.424	8		EPA 905.0		0.546 - 0.606	0.546 - 0.606
Sulfate	mg/L	119	118	125	90.8	113	153		300	EPA 300.0		0.240 - 0.920	1.00 - 2.50
Surfactant (CTAS)	mg/L	ND			ND	ND	ND			SM 5540D		0.023 - 0.10	0.10 - 0.20
Surfactant (MBAS)	mg/L	ND	0.12	ND	ND	0.018	0.12		0.5	SM 5540C		0.03	0.10
Temperature	Degrees F	82.4	78.2	74.7	73.4	77.8	83.4	86		EPA 170.1 (oF)			
Tetrachloroethene	ug/L	ND	ND		ND	ND	ND			EPA 624	2	0.12 - 0.18	0.50
Thallium	ug/L	ND			ND	ND	ND			EPA 200.8	1	0.020	0.25
Toluene	ug/L				DNQ Est. Conc. 0.24	0.26	0.51			EPA 624	2	0.06 - 0.12	0.50
Total coliform	No./100mL	ND	ND	ND	ND	ND	ND	23/240 (2)		SM 9222B		1	1
Total cyanide	ug/L	DNQ Est. Conc. 1.79	DNQ Est. Conc. 2.59	DNQ Est. Conc. 3.44	ND	ND	DNQ Est. Conc. 3.44	9.4	3.9	SM 4500 CN E	5	1.00	5.00
Total dissolved solids	mg/L	589	579	613	529	582	650		1000	SM 2540C		2.7	25.0
Total hardness (CaCO3)	mg/L	186	179	245	166	190	245			EPA200.8/SM2340C			0.05 - 10
Total Kjeldahl Nitrogen (TKN)	mg/L	2.42	2.42	1.92	1.81	2.36	4.03			EPA 351.2		0.135 - 0.338	0.200 - 0.500
Total nitrogen	mg/L	7.39	7.68	6.94	6.54	7.45	9.38			Total Nitrogen Calculation			0.200
Total residual chlorine	mg/L	ND	ND	ND	ND	ND	ND	0.1		SM 4500 Cl C		0.05	0.05
Total suspended solids	mg/L	ND	ND	ND	ND	ND	ND	45	15	SM 2540D		2.5	2.5
Total trihalomethanes	ug/L	54.7	65.7	57.5	35.5	56.2	74.6		80	EPA 624			0.50
Toxaphene	ug/L				ND	ND	ND			EPA 608	0.5	0.04	0.5
Toxic equivalence	ug/L				ND	ND	ND			EPA 1613B			
trans-1,2-Dichloroethene	ug/L				ND	ND	ND			EPA 624	1	0.09 - 0.26	0.50
Trichloroethene	ug/L				ND	ND	ND			EPA 624	2	0.13 - 0.32	0.50
Tritium	pCi/L	ND			ND	ND	ND	20000		EPA 906.0		434	434
Turbidity (flow proportioned avg daily value)	NTU	0.82	0.88	0.90	0.64	0.82	0.90	2		SM 2130B		0.12	0.12
Uranium	pCi/L	0.067			0.067	0.27	0.743			EPA 908.0		0.300	0.300
Vinyl chloride	ug/L				ND	ND	ND			EPA 624	2	0.12 - 0.37	0.50
Zinc	ug/L	57.4			57.4	59.9	63.5			EPA 200.8	1	0.22	1.00

(1) The chloride interim limit is equal to the sum of the state Water Project treated water supply chloride concentration plus 114 mg/L, expressed as a 12-month rolling average, not to exceed a daily maximum of 230 mg/L.
(2) Number of coliforms may not exceed 23/100 mL in more than one sample during any 30-day period and any sample cannot exceed 240/100 mL.

Valencia WRP Influent Monitoring

Valencia Water Reclamation Plant
2014 INF-001 Monitoring Results

Parameter	Units	January	February	March	April	May	June	July	August	September
1,1-Dichloroethane	ug/L	ND						ND		
1,1-Dichloroethene	ug/L	ND						ND		
1,1,1-Trichloroethane	ug/L	ND						ND		
1,1,2-Trichloroethane	ug/L	ND						ND		
1,1,2,2-Tetrachloroethane	ug/L	DNQ Est. Conc. 0.20						ND		
1,2-Dichlorobenzene	ug/L	ND						ND		
1,2-Dichloroethane	ug/L	ND						ND		
1,2-Dichloropropane	ug/L	ND						ND		
1,2-Diphenylhydrazine	ug/L	ND						ND		
1,2,4-Trichlorobenzene	ug/L	ND						ND		
1,3-Dichlorobenzene	ug/L	ND						ND		
1,3-Dichloropropene (Total)	ug/L	ND						ND		
1,4-Dichlorobenzene	ug/L	ND						DNQ Est. Conc. 0.24		
2-Chloroethyl vinyl ether (mixed)	ug/L	ND						ND		
2-Chloronaphthalene	ug/L	ND						ND		
2-Chlorophenol	ug/L	ND						ND		
2-Methyl-4,6-dinitrophenol	ug/L	ND						ND		
2-Nitrophenol	ug/L	ND						ND		
2,3,7,8-TCDD	pg/L	ND						ND		
2,4-Dichlorophenol	ug/L	ND						ND		
2,4-Dimethylphenol	ug/L	ND						ND		
2,4-Dinitrophenol	ug/L	ND						ND		
2,4-Dinitrotoluene	ug/L	ND						ND		
2,4,6-Trichlorophenol	ug/L	ND						ND		
2,6-Dinitrotoluene	ug/L	ND						ND		
3-Methyl-4-chlorophenol	ug/L	ND						ND		
3,3'-Dichlorobenzidine	ug/L	ND						ND		
4-Bromophenyl phenyl ether	ug/L	ND						ND		
4-Chlorophenyl phenyl ether	ug/L	ND						ND		
4-Nitrophenol	ug/L	ND						ND		
4,4'-DDD	ug/L	ND						ND		
4,4'-DDE	ug/L	ND						ND		
4,4'-DDT	ug/L	ND						ND		
Acenaphthene	ug/L	ND						ND		
Acenaphthylene	ug/L	ND						ND		
Acrolein	ug/L	ND						ND		
Acrylonitrile	ug/L	ND						ND		
Aldrin	ug/L	ND						ND		
alpha-BHC	ug/L	ND						ND		
Ammonia as nitrogen	mg/L	30.3	26.5	32.6	29.4	33.5	29.4	28.8	38.7	25.7
Anthracene	ug/L	ND						ND		
Antimony	ug/L	0.71						1.02		
Aroclor 1016	ug/L	ND						ND		
Aroclor 1221	ug/L	ND						ND		
Aroclor 1232	ug/L	ND						ND		
Aroclor 1242	ug/L	ND						ND		
Aroclor 1248	ug/L	ND						ND		
Aroclor 1254	ug/L	ND						ND		
Aroclor 1260	ug/L	ND						ND		
Arsenic	ug/L	1.47						1.18		
Benzene	ug/L	ND						ND		
Benzidine	ug/L	ND						ND		
Benzo(a)anthracene	ug/L	ND						ND		
Benzo(a)pyrene	ug/L	ND						ND		
Benzo(b)fluoranthene	ug/L	ND						ND		
Benzo(g,h,i)perylene	ug/L	ND						ND		
Benzo(k)fluoranthene	ug/L	ND						ND		
Beryllium	ug/L	ND						ND		
beta-BHC	ug/L	ND						ND		
bis(2-Chloroethoxy) methane	ug/L	ND						ND		
bis(2-Chloroethyl) ether	ug/L	ND						ND		
bis(2-Chloroisopropyl) ether	ug/L	ND						ND		
bis(2-Ethylhexyl) phthalate	ug/L	DNQ Est. Conc. 7.8						DNQ Est. Conc. 13.2		
BOD	mg/L	265	274	281	295	285	251	267	203	246
Bromodichloromethane	ug/L	DNQ Est. Conc. 0.35						ND		
Bromoform	ug/L	0.66						ND		

Valencia Water Reclamation Plant
2014 INF-001 Monitoring Results

Parameter	Units	October	November	December	Monthly Average			Method	ML	MDL	RDL
					Minimum	Average	Maximum				
1,1-Dichloroethane	ug/L				ND	ND	ND	EPA 624	1	0.07 - 0.19	0.50
1,1-Dichloroethene	ug/L				ND	ND	ND	EPA 624	2	0.13 - 0.28	0.50
1,1,1-Trichloroethane	ug/L				ND	ND	ND	EPA 624	2	0.07 - 0.08	0.50
1,1,2-Trichloroethane	ug/L				ND	ND	ND	EPA 624	2	0.10 - 0.14	0.50
1,1,2,2-Tetrachloroethane	ug/L				ND	ND	DNQ Est. Conc. 0.20	EPA 624	1	0.10	0.50
1,2-Dichlorobenzene	ug/L				ND	ND	ND	EPA 624	2	0.12 - 0.16	0.50
1,2-Dichloroethane	ug/L				ND	ND	ND	EPA 624	2	0.09	0.50
1,2-Dichloropropane	ug/L				ND	ND	ND	EPA 624	1	0.09 - 0.12	0.50
1,2-Diphenylhydrazine	ug/L				ND	ND	ND	EPA 625	1	1.3	10.0
1,2,4-Trichlorobenzene	ug/L				ND	ND	ND	EPA 625	5	1.7	50.0
1,3-Dichlorobenzene	ug/L				ND	ND	ND	EPA 624	2	0.08 - 0.09	0.50
1,3-Dichloropropene (Total)	ug/L				ND	ND	ND	EPA 624	2		0.50
1,4-Dichlorobenzene	ug/L				ND	ND	DNQ Est. Conc. 0.24	EPA 624	2	0.07	0.50
2-Chloroethyl vinyl ether (mixed)	ug/L				ND	ND	ND	EPA 624	1	0.16 - 0.23	0.50
2-Chloronaphthalene	ug/L				ND	ND	ND	EPA 625	10	1.6	100
2-Chlorophenol	ug/L				ND	ND	ND	EPA 625	5	1.5	50.0
2-Methyl-4,6-dinitrophenol	ug/L				ND	ND	ND	EPA 625	5	13.1	50.0
2-Nitrophenol	ug/L				ND	ND	ND	EPA 625	10	2.0	100
2,3,7,8-TCDD	pg/L				ND	ND	ND	EPA 1613B		0.23 - 0.35	11
2,4-Dichlorophenol	ug/L				ND	ND	ND	EPA 625	5	1.5	50.0
2,4-Dimethylphenol	ug/L				ND	ND	ND	EPA 625	2	1.1	20.0
2,4-Dinitrophenol	ug/L				ND	ND	ND	EPA 625	5	17.3	50.0
2,4-Dinitrotoluene	ug/L				ND	ND	ND	EPA 625	5	2.0	50.0
2,4,6-Trichlorophenol	ug/L				ND	ND	ND	EPA 625	10	1.2	100
2,6-Dinitrotoluene	ug/L				ND	ND	ND	EPA 625	5	2.2	50.0
3-Methyl-4-chlorophenol	ug/L				ND	ND	ND	EPA 625	1	1.3	10.0
3,3'-Dichlorobenzidine	ug/L				ND	ND	ND	EPA 625	5	11.6	50.0
4-Bromophenyl phenyl ether	ug/L				ND	ND	ND	EPA 625	5	2.1	50.0
4-Chlorophenyl phenyl ether	ug/L				ND	ND	ND	EPA 625	5	1.7	50.0
4-Nitrophenol	ug/L				ND	ND	ND	EPA 625	10	13.7	100
4,4'-DDD	ug/L				ND	ND	ND	EPA 608	0.05	0.002	0.01
4,4'-DDE	ug/L				ND	ND	ND	EPA 608	0.05	0.002	0.01
4,4'-DDT	ug/L				ND	ND	ND	EPA 608	0.01	0.001	0.01
Acenaphthene	ug/L				ND	ND	ND	EPA 625	1	1.5	10.0
Acenaphthylene	ug/L				ND	ND	ND	EPA 625	10	1.4	100
Acrolein	ug/L				ND	ND	ND	EPA 624		1.4 - 1.6	2.0
Acrylonitrile	ug/L				ND	ND	ND	EPA 624		0.31 - 0.92	2.0
Aldrin	ug/L				ND	ND	ND	EPA 608	0.005	0.002	0.005
alpha-BHC	ug/L				ND	ND	ND	EPA 608	0.01	0.001	0.01
Ammonia as nitrogen	mg/L	30.6	32.7	31.8	25.7	30.8	38.7	SM 4500 NH3 G		0.600 - 1.00	3.00 - 5.00
Anthracene	ug/L				ND	ND	ND	EPA 625	10	1.8	100
Antimony	ug/L				0.71	0.87	1.02	EPA 200.8	0.5	0.13	0.50
Aroclor 1016	ug/L				ND	ND	ND	EPA 608	0.5	0.04	0.1
Aroclor 1221	ug/L				ND	ND	ND	EPA 608	0.5	0.2	0.5
Aroclor 1232	ug/L				ND	ND	ND	EPA 608	0.5	0.2	0.3
Aroclor 1242	ug/L				ND	ND	ND	EPA 608	0.5	0.08	0.1
Aroclor 1248	ug/L				ND	ND	ND	EPA 608	0.5	0.04	0.1
Aroclor 1254	ug/L				ND	ND	ND	EPA 608	0.5	0.03	0.05
Aroclor 1260	ug/L				ND	ND	ND	EPA 608	0.5	0.05	0.1
Arsenic	ug/L				1.18	1.33	1.47	EPA 200.8	2	0.16	1.00
Benzene	ug/L				ND	ND	ND	EPA 624	2	0.10 - 0.24	0.50
Benzidine	ug/L				ND	ND	ND	EPA 625	5	16.7	50.0
Benzo(a)anthracene	ug/L				ND	ND	ND	EPA 625	5	1.9	50.0
Benzo(a)pyrene	ug/L				ND	ND	ND	EPA 625	10	1.5	100
Benzo(b)fluoranthene	ug/L				ND	ND	ND	EPA 625	10	1.3	100
Benzo(g,h,i)perylene	ug/L				ND	ND	ND	EPA 625	5	1.9	50.0
Benzo(k)fluoranthene	ug/L				ND	ND	ND	EPA 625	10	2.3	100
Beryllium	ug/L				ND	ND	ND	EPA 200.8	0.5	0.040	0.25
beta-BHC	ug/L				ND	ND	ND	EPA 608	0.005	0.003	0.005
bis(2-Chloroethoxy) methane	ug/L				ND	ND	ND	EPA 625	5	1.3	50.0
bis(2-Chloroethyl) ether	ug/L				ND	ND	ND	EPA 625	1	1.9	10.0
bis(2-Chloroisopropyl) ether	ug/L				ND	ND	ND	EPA 625	2	1.6	20.0
bis(2-Ethylhexyl) phthalate	ug/L				DNQ Est. Conc. 7.8	ND	DNQ Est. Conc. 13.2	EPA 625	5	2.5	20.0
BOD	mg/L	192	422	299	192	273	422	SM 5210B		0.6	66.7 - 120
Bromodichloromethane	ug/L				ND	ND	DNQ Est. Conc. 0.35	EPA 624	2	0.08 - 0.09	0.50
Bromoform	ug/L				ND	0.33	0.66	EPA 624	2	0.13	0.50

Valencia Water Reclamation Plant
2014 INF-001 Monitoring Results

Parameter	Units	January	February	March	April	May	June	July	August	September
Butyl benzyl phthalate	ug/L	DNQ Est. Conc. 6.4						DNQ Est. Conc. 1.9		
Cadmium	ug/L	DNQ Est. Conc. 0.11						DNQ Est. Conc. 0.12		
Carbon tetrachloride	ug/L	ND						ND		
Chlordane	ug/L	ND						ND		
Chloride	mg/L	119	118	136	120	128	131	139	133	130
Chlorobenzene	ug/L	ND						ND		
Chloroethane	ug/L	ND						ND		
Chloroform	ug/L	2.6						2.0		
Chromium VI	ug/L	ND						0.10		
Chromium, total	ug/L	0.87						0.80		
Chrysene	ug/L	ND						ND		
Copper	ug/L	85.9						85.7		
delta-BHC	ug/L	ND						ND		
Di-n-butyl phthalate	ug/L	ND						ND		
Di-n-octyl phthalate	ug/L	ND						ND		
Dibenzo(a,h)anthracene	ug/L	ND						ND		
Dibromochloromethane	ug/L	0.52						ND		
Dieldrin	ug/L	ND						ND		
Diethyl phthalate	ug/L	DNQ Est. Conc. 4.0						DNQ Est. Conc. 6.1		
Dimethyl phthalate	ug/L	ND						ND		
Endosulfan II	ug/L	ND						ND		
Endosulfan I	ug/L	ND						ND		
Endosulfan sulfate	ug/L	ND						ND		
Endrin aldehyde	ug/L	ND						ND		
Endrin	ug/L	ND						ND		
Ethylbenzene	ug/L	ND						ND		
Fluoranthene	ug/L	ND						ND		
Fluorene	ug/L	ND						ND		
gamma-BHC (Lindane)	ug/L	ND						ND		
Heptachlor epoxide	ug/L	ND						ND		
Heptachlor	ug/L	ND						ND		
Hexachlorobenzene	ug/L	ND						ND		
Hexachlorobutadiene	ug/L	ND						ND		
Hexachlorocyclopentadiene	ug/L	ND						ND		
Hexachloroethane	ug/L	ND						ND		
Indeno (1,2,3-cd) pyrene	ug/L	ND						ND		
Isophorone	ug/L	ND						ND		
Lead	ug/L	0.55						0.66		
Mercury	ug/L	0.04						DNQ Est. Conc. 0.03		
Methyl bromide (Bromomethane)	ug/L	ND						ND		
Methyl chloride (Chloromethane)	ug/L	0.68						ND		
Methylene chloride	ug/L	0.74						0.61		
n-Nitrosodi-n-propylamine	ug/L	ND						ND		
n-Nitrosodimethylamine (NDMA)	ug/L	ND						ND		
n-Nitrosodiphenylamine	ug/L	ND						ND		
Naphthalene	ug/L	ND						ND		
Nickel	ug/L	4.19						4.03		
Nitrobenzene	ug/L	ND						ND		
Pentachlorophenol	ug/L	ND						ND		
Phenanthrene	ug/L	ND						ND		
Phenol	ug/L	13.0						20.3		
pH	SU	7.8	7.7	7.7	7.8	7.8	7.9	8.0	8.0	7.9
Polychlorinated biphenyls (PCBs)	ug/L	ND						ND		
Pyrene	ug/L	ND						ND		
Selenium	ug/L	DNQ Est. Conc. 0.90						DNQ Est. Conc. 0.98		
Silver	ug/L	DNQ Est. Conc. 0.14						DNQ Est. Conc. 0.10		
Tetrachloroethene	ug/L	ND						ND		
Thallium	ug/L	ND						ND		
Toluene	ug/L	1.3						1.0		
Total cyanide	ug/L	ND						DNQ Est. Conc. 1.50		
Total suspended solids	mg/L	336	350	325	326	346	306	321	268	274
Total trihalomethanes	ug/L	3.8						2.0		
Toxaphene	ug/L	ND						ND		
trans-1,2-Dichloroethene	ug/L	ND						ND		
Trichloroethene	ug/L	ND						ND		
Vinyl chloride	ug/L	ND						ND		

Valencia Water Reclamation Plant
2014 INF-001 Monitoring Results

Parameter	Units	October	November	December	Monthly Average			Method	ML	MDL	RDL
					Minimum	Average	Maximum				
Butyl benzyl phthalate	ug/L				DNQ Est. Conc. 1.9	ND	DNQ Est. Conc. 6.4	EPA 625	10	1.6	100
Cadmium	ug/L				DNQ Est. Conc. 0.11	ND	DNQ Est. Conc. 0.12	EPA 200.8	0.25	0.040	0.20
Carbon tetrachloride	ug/L				ND	ND	ND	EPA 624	2	0.07 - 0.11	0.50
Chlordane	ug/L				ND	ND	ND	EPA 608	0.1	0.03	0.05
Chloride	mg/L	130	122	123	118	127	139	EPA 300.0		0.200 - 0.600	4.00 - 10.0
Chlorobenzene	ug/L				ND	ND	ND	EPA 624	2	0.08 - 0.17	0.50
Chloroethane	ug/L				ND	ND	ND	EPA 624	2	0.15 - 0.22	0.50
Chloroform	ug/L				2.0	2.3	2.6	EPA 624	2	0.09 - 0.12	0.50
Chromium VI	ug/L				ND	0.050	0.10	EPA 218.6 (Dissolved)		0.0048 - 0.02	0.05 - 0.30
Chromium, total	ug/L				0.80	0.84	0.87	EPA 200.8	0.5	0.07	0.50
Chrysene	ug/L				ND	ND	ND	EPA 625	10	1.7	100
Copper	ug/L				85.7	85.8	85.9	EPA 200.8	0.5	0.08	0.50
delta-BHC	ug/L				ND	ND	ND	EPA 608	0.005	0.003	0.005
Di-n-butyl phthalate	ug/L				ND	ND	ND	EPA 625	10	1.6	100
Di-n-octyl phthalate	ug/L				ND	ND	ND	EPA 625	10	1.6	100
Dibenzo(a,h)anthracene	ug/L				ND	ND	ND	EPA 625	10	1.5	100
Dibromochloromethane	ug/L				ND	0.26	0.52	EPA 624	2	0.08 - 0.10	0.50
Dieldrin	ug/L				ND	ND	ND	EPA 608	0.01	0.001	0.01
Diethyl phthalate	ug/L				DNQ Est. Conc. 4.0	ND	DNQ Est. Conc. 6.1	EPA 625	2	2.1	20.0
Dimethyl phthalate	ug/L				ND	ND	ND	EPA 625	2	1.9	20.0
Endosulfan II	ug/L				ND	ND	ND	EPA 608	0.01	0.003	0.01
Endosulfan I	ug/L				ND	ND	ND	EPA 608	0.02	0.001	0.01
Endosulfan sulfate	ug/L				ND	ND	ND	EPA 608	0.05	0.002	0.01
Endrin aldehyde	ug/L				ND	ND	ND	EPA 608	0.01	0.001	0.01
Endrin	ug/L				ND	ND	ND	EPA 608	0.01	0.002	0.01
Ethylbenzene	ug/L				ND	ND	ND	EPA 624	2	0.06 - 0.12	0.50
Fluoranthene	ug/L				ND	ND	ND	EPA 625	1	1.9	10.0
Fluorene	ug/L				ND	ND	ND	EPA 625	10	1.8	100
gamma-BHC (Lindane)	ug/L				ND	ND	ND	EPA 608	0.02	0.001	0.01
Heptachlor epoxide	ug/L				ND	ND	ND	EPA 608	0.01	0.001	0.01
Heptachlor	ug/L				ND	ND	ND	EPA 608	0.01	0.001	0.01
Hexachlorobenzene	ug/L				ND	ND	ND	EPA 625	1	1.8	10.0
Hexachlorobutadiene	ug/L				ND	ND	ND	EPA 625	1	1.4	10.0
Hexachlorocyclopentadiene	ug/L				ND	ND	ND	EPA 625	5	7.5	50.0
Hexachloroethane	ug/L				ND	ND	ND	EPA 625	1	1.4	10.0
Indeno (1,2,3-cd) pyrene	ug/L				ND	ND	ND	EPA 625	10	1.4	100
Isophorone	ug/L				ND	ND	ND	EPA 625	1	1.3	10.0
Lead	ug/L				0.55	0.61	0.66	EPA 200.8	0.5	0.03	0.25
Mercury	ug/L				DNQ Est. Conc. 0.03	0.02	0.04	EPA 245.1	0.5	0.01	0.04
Methyl bromide (Bromomethane)	ug/L				ND	ND	ND	EPA 624	2	0.30 - 0.34	0.50
Methyl chloride (Chloromethane)	ug/L				ND	0.34	0.68	EPA 624	2	0.06 - 0.22	0.50
Methylene chloride	ug/L				0.61	0.68	0.74	EPA 624	2	0.20 - 0.27	0.50
n-Nitrosodi-n-propylamine	ug/L				ND	ND	ND	EPA 625	5	1.2	50.0
n-Nitrosodimethylamine (NDMA)	ug/L				ND	ND	ND	EPA 625	5	1.4	50.0
n-Nitrosodiphenylamine	ug/L				ND	ND	ND	EPA 625	1	1.5	10.0
Naphthalene	ug/L				ND	ND	ND	EPA 625	1	1.8	10.0
Nickel	ug/L				4.03	4.11	4.19	EPA 200.8	1	0.13	1.00
Nitrobenzene	ug/L				ND	ND	ND	EPA 625	1	2.2	10.0
Pentachlorophenol	ug/L				ND	ND	ND	EPA 625	5	3.8	10.0
Phenanthrene	ug/L				ND	ND	ND	EPA 625	5	1.9	50.0
Phenol	ug/L				13.0	16.7	20.3	EPA 625	1	1.4	10.0
pH	SU	7.8	7.9	8.1	7.7	7.9	8.1	SM 4500 H+ B		1.00	1.00 - 4.00
Polychlorinated biphenyls (PCBs)	ug/L				ND	ND	ND	EPA 608			
Pyrene	ug/L				ND	ND	ND	EPA 625	10	1.9	100
Selenium	ug/L				DNQ Est. Conc. 0.90	ND	DNQ Est. Conc. 0.98	EPA 200.8	2	0.17	1.00
Silver	ug/L				DNQ Est. Conc. 0.10	ND	DNQ Est. Conc. 0.14	EPA 200.8	0.25	0.03	0.20
Tetrachloroethene	ug/L				ND	ND	ND	EPA 624	2	0.12 - 0.16	0.50
Thallium	ug/L				ND	ND	ND	EPA 200.8	1	0.020	0.25
Toluene	ug/L				1.0	1.2	1.3	EPA 624	2	0.06 - 0.12	0.50
Total cyanide	ug/L				ND	ND	DNQ Est. Conc. 1.50	SM 4500 CN E	5	1.00	5.00
Total suspended solids	mg/L	292	409	321	268	323	409	SM 2540D		100	100
Total trihalomethanes	ug/L				2.0	2.9	3.8	EPA 624			0.50
Toxaphene	ug/L				ND	ND	ND	EPA 608	0.5	0.04	0.5
trans-1,2-Dichloroethene	ug/L				ND	ND	ND	EPA 624	1	0.09 - 0.26	0.50
Trichloroethene	ug/L				ND	ND	ND	EPA 624	2	0.13 - 0.32	0.50
Vinyl chloride	ug/L				ND	ND	ND	EPA 624	2	0.12 - 0.37	0.50

Valencia Water Reclamation Plant
2014 INF-001 Monitoring Results

Parameter	Units	January	February	March	April	May	June	July	August	September
Zinc	ug/L	71.4						69.0		

Valencia Water Reclamation Plant
2014 INF-001 Monitoring Results

Parameter	Units	October	November	December	Monthly Average			Method	ML	MDL	RDL
					Minimum	Average	Maximum				
Zinc	ug/L				69.0	70.2	71.4	EPA 200.8	1	0.22	1.00

Valencia WRP Effluent Monitoring

Valencia Water Reclamation Plant
2014 EFF-001 Monitoring Results

Parameter	Units	January	February	March	April	May	June	July	August	September	October
1,1-Dichloroethane	ug/L	ND						ND			
1,1-Dichloroethene	ug/L	ND						ND			
1,1,1-Trichloroethane	ug/L	ND						ND			
1,1,2-Trichloroethane	ug/L	ND						ND			
1,1,2,2-Tetrachloroethane	ug/L	ND						ND			
1,2-Dichlorobenzene	ug/L	ND						ND			
1,2-Dichloroethane	ug/L	ND						ND			
1,2-Dichloropropane	ug/L	ND						ND			
1,2-Diphenylhydrazine	ug/L	ND						ND			
1,2,3-Trichloropropane	ug/L	ND						ND			
1,2,3,4,6,7,8-HeptaCDD	pg/L	DNQ Est. Conc. 3.2						ND			
1,2,3,4,6,7,8-HeptaCDF	pg/L	DNQ Est. Conc. 13						ND			
1,2,3,4,7,8-HexaCDD	pg/L	ND						ND			
1,2,3,4,7,8-HexaCDF	pg/L	DNQ Est. Conc. 4.3						ND			
1,2,3,4,7,8,9-HeptaCDF	pg/L	ND						ND			
1,2,3,6,7,8-HexaCDD	pg/L	ND						ND			
1,2,3,6,7,8-HexaCDF	pg/L	DNQ Est. Conc. 1.3						ND			
1,2,3,7,8-PentaCDD	pg/L	ND						ND			
1,2,3,7,8-PentaCDF	pg/L	ND						ND			
1,2,3,7,8,9-HexaCDD	pg/L	ND						ND			
1,2,3,7,8,9-HexaCDF	pg/L	ND						ND			
1,2,4-Trichlorobenzene	ug/L	ND						ND			
1,3-Dichlorobenzene	ug/L	ND						ND			
1,3-Dichloropropene (Total)	ug/L	ND						ND			
1,4-Dichlorobenzene	ug/L	ND						ND			
1,4-Dioxane	ug/L	0.60						0.83			
2-Chloroethyl vinyl ether (mixed)	ug/L	ND						ND			
2-Chloronaphthalene	ug/L	ND						ND			
2-Chlorophenol	ug/L	ND						ND			
2-Methyl-4,6-dinitrophenol	ug/L	ND						ND			
2-Nitrophenol	ug/L	ND						ND			
2,3,4,6,7,8-HexaCDF	pg/L	DNQ Est. Conc. 1.3						ND			
2,3,4,7,8-PentaCDF	pg/L	ND						ND			
2,3,7,8-TCDD	pg/L	ND						ND			
2,3,7,8-TetraCDF	pg/L	ND						ND			
2,4-Dichlorophenol	ug/L	ND						ND			
2,4-Dimethylphenol	ug/L	ND						ND			
2,4-Dinitrophenol	ug/L	ND						ND			
2,4-Dinitrotoluene	ug/L	ND						ND			
2,4,6-Trichlorophenol	ug/L	ND						ND			
2,6-Dinitrotoluene	ug/L	ND						ND			
3-Methyl-4-chlorophenol	ug/L	ND						ND			
3,3'-Dichlorobenzidine	ug/L	ND						ND			
4-Bromophenyl phenyl ether	ug/L	ND						ND			
4-Chlorophenyl phenyl ether	ug/L	ND						ND			
4-Nitrophenol	ug/L	ND						ND			
4,4'-DDD	ug/L	ND						ND			
4,4'-DDE	ug/L	ND						ND			
4,4'-DDT	ug/L	ND						ND			
Acenaphthene	ug/L	ND						ND			
Acenaphthylene	ug/L	ND						ND			
Acrolein	ug/L	ND						ND			
Acrylonitrile	ug/L	ND						ND			
Aldrin	ug/L	ND						ND			
alpha-BHC	ug/L	ND						ND			
Ammonia as nitrogen	mg/L	0.867	0.883	0.994	0.876	0.936	0.747	0.848	0.700	1.15	0.967
Anthracene	ug/L	ND						ND			
Antimony	ug/L	0.50						1.56			
Aroclor 1016	ug/L	ND						ND			
Aroclor 1221	ug/L	ND						ND			
Aroclor 1232	ug/L	ND						ND			
Aroclor 1242	ug/L	ND						ND			
Aroclor 1248	ug/L	ND						ND			
Aroclor 1254	ug/L	ND						ND			
Aroclor 1260	ug/L	ND						ND			
Arsenic	ug/L	DNQ Est. Conc. 0.68	DNQ Est. Conc. 0.52	DNQ Est. Conc. 0.61	DNQ Est. Conc. 0.62	DNQ Est. Conc. 0.53	DNQ Est. Conc. 0.46	DNQ Est. Conc. 0.69	DNQ Est. Conc. 0.70	DNQ Est. Conc. 0.65	DNQ Est. Conc. 0.63
Barium	mg/L	6.10			7.56			8.88			10.8
Benzene	ug/L	ND						ND			
Benzidine	ug/L	ND						ND			
Benzo(a)anthracene	ug/L	ND						ND			

Valencia Water Reclamation Plant
2014 EFF-001 Monitoring Results

Parameter	Units	November	December	Monthly Average			Limit		Method	ML	MDL	RDL
				Minimum	Average	Maximum	Max Daily	Monthly Average				
1,1-Dichloroethane	ug/L			ND	ND	ND			EPA 624	1	0.07 - 0.19	0.50
1,1-Dichloroethene	ug/L			ND	ND	ND			EPA 624	2	0.13 - 0.28	0.50
1,1,1-Trichloroethane	ug/L			ND	ND	ND			EPA 624	2	0.07 - 0.08	0.50
1,1,2-Trichloroethane	ug/L			ND	ND	ND			EPA 624	2	0.10 - 0.14	0.50
1,1,2,2-Tetrachloroethane	ug/L			ND	ND	ND			EPA 624	1	0.10	0.50
1,2-Dichlorobenzene	ug/L			ND	ND	ND			EPA 624	2	0.12 - 0.16	0.50
1,2-Dichloroethane	ug/L			ND	ND	ND			EPA 624	2	0.09	0.50
1,2-Dichloropropane	ug/L			ND	ND	ND			EPA 624	1	0.09 - 0.12	0.50
1,2-Diphenylhydrazine	ug/L			ND	ND	ND			EPA 625	1	0.13	1.0
1,2,3-Trichloropropane	ug/L			ND	ND	ND			EPA 524.2		0.0012	0.0050
1,2,3,4,6,7,8-HeptaCDD	pg/L			ND	ND	DNQ Est. Conc. 3.2			EPA 1613B		1.2 - 2.6	50 - 57
1,2,3,4,6,7,8-HeptaCDF	pg/L			ND	ND	DNQ Est. Conc. 13			EPA 1613B		0.86 - 2.0	50 - 57
1,2,3,4,7,8-HexaCDD	pg/L			ND	ND	ND			EPA 1613B		0.61 - 1.6	50 - 57
1,2,3,4,7,8-HexaCDF	pg/L			ND	ND	DNQ Est. Conc. 4.3			EPA 1613B		0.66 - 1.7	50 - 57
1,2,3,4,7,8,9-HeptaCDF	pg/L			ND	ND	ND			EPA 1613B		1.4 - 2.3	50 - 57
1,2,3,6,7,8-HexaCDD	pg/L			ND	ND	ND			EPA 1613B		0.51 - 1.7	50 - 57
1,2,3,6,7,8-HexaCDF	pg/L			ND	ND	DNQ Est. Conc. 1.3			EPA 1613B		0.55 - 1.6	50 - 57
1,2,3,7,8-PentaCDD	pg/L			ND	ND	ND			EPA 1613B		0.89 - 4.9	50 - 57
1,2,3,7,8-PentaCDF	pg/L			ND	ND	ND			EPA 1613B		0.59 - 2.8	50 - 57
1,2,3,7,8,9-HexaCDD	pg/L			ND	ND	ND			EPA 1613B		0.49 - 1.5	50 - 57
1,2,3,7,8,9-HexaCDF	pg/L			ND	ND	ND			EPA 1613B		0.71 - 1.5	50 - 57
1,2,4-Trichlorobenzene	ug/L			ND	ND	ND			EPA 625	5	0.17	5.0
1,3-Dichlorobenzene	ug/L			ND	ND	ND			EPA 624	2	0.08 - 0.09	0.50
1,3-Dichloropropene (Total)	ug/L			ND	ND	ND			EPA 624	2		0.50
1,4-Dichlorobenzene	ug/L			ND	ND	ND			EPA 624	2	0.07	0.50
1,4-Dioxane	ug/L			0.60	0.72	0.83			SW-846 8270MOD 1,4-Dioxane		0.09	0.40
2-Chloroethyl vinyl ether (mixed)	ug/L			ND	ND	ND			EPA 624	1	0.16 - 0.23	0.50
2-Chloronaphthalene	ug/L			ND	ND	ND			EPA 625	10	0.16	10.0
2-Chlorophenol	ug/L			ND	ND	ND			EPA 625	5	0.15	5.0
2-Methyl-4,6-dinitrophenol	ug/L			ND	ND	ND			EPA 625	5	1.3	5.0
2-Nitrophenol	ug/L			ND	ND	ND			EPA 625	10	0.20	10.0
2,3,4,6,7,8-HexaCDF	pg/L			ND	ND	DNQ Est. Conc. 1.3			EPA 1613B		0.57 - 1.4	50 - 57
2,3,4,7,8-PentaCDF	pg/L			ND	ND	ND			EPA 1613B		0.64 - 3.1	50 - 57
2,3,7,8-TCDD	pg/L			ND	ND	ND			EPA 1613B		0.48 - 1.9	10 - 11
2,3,7,8-TetraCDF	pg/L			ND	ND	ND			EPA 1613B		0.34 - 1.4	10 - 11
2,4-Dichlorophenol	ug/L			ND	ND	ND			EPA 625	5	0.15	5.0
2,4-Dimethylphenol	ug/L			ND	ND	ND			EPA 625	2	0.11	2.0
2,4-Dinitrophenol	ug/L			ND	ND	ND			EPA 625	5	1.7	5.0
2,4-Dinitrotoluene	ug/L			ND	ND	ND			EPA 625	5	0.20	5.0
2,4,6-Trichlorophenol	ug/L			ND	ND	ND			EPA 625	10	0.12	10.0
2,6-Dinitrotoluene	ug/L			ND	ND	ND			EPA 625	5	0.22	5.0
3-Methyl-4-chlorophenol	ug/L			ND	ND	ND			EPA 625	1	0.13	1.0
3,3'-Dichlorobenzidine	ug/L			ND	ND	ND			EPA 625	5	1.2	5.0
4-Bromophenyl phenyl ether	ug/L			ND	ND	ND			EPA 625	5	0.21	5.0
4-Chlorophenyl phenyl ether	ug/L			ND	ND	ND			EPA 625	5	0.17	5.0
4-Nitrophenol	ug/L			ND	ND	ND			EPA 625	10	1.4	10.0
4,4'-DDD	ug/L			ND	ND	ND			EPA 608	0.05	0.002	0.01
4,4'-DDE	ug/L			ND	ND	ND			EPA 608	0.05	0.002	0.01
4,4'-DDT	ug/L			ND	ND	ND			EPA 608	0.01	0.001	0.01
Acenaphthene	ug/L			ND	ND	ND			EPA 625	1	0.15	1.0
Acenaphthylene	ug/L			ND	ND	ND			EPA 625	10	0.14	10.0
Acrolein	ug/L			ND	ND	ND			EPA 624		1.4 - 1.6	2.0
Acrylonitrile	ug/L			ND	ND	ND			EPA 624		0.31 - 0.92	2.0
Aldrin	ug/L			ND	ND	ND			EPA 608	0.005	0.002	0.005
alpha-BHC	ug/L			ND	ND	ND			EPA 608	0.01	0.001	0.01
Ammonia as nitrogen	mg/L	0.878	1.02	0.700	0.901	1.15	5.2	1.75	SM 4500 NH3 G		0.020	0.100
Anthracene	ug/L			ND	ND	ND			EPA 625	10	0.18	10.0
Antimony	ug/L			0.50	1.0	1.56			EPA 200.8	0.5	0.13	0.50
Aroclor 1016	ug/L			ND	ND	ND			EPA 608	0.5	0.04	0.1
Aroclor 1221	ug/L			ND	ND	ND			EPA 608	0.5	0.2	0.5
Aroclor 1232	ug/L			ND	ND	ND			EPA 608	0.5	0.2	0.3
Aroclor 1242	ug/L			ND	ND	ND			EPA 608	0.5	0.08	0.1
Aroclor 1248	ug/L			ND	ND	ND			EPA 608	0.5	0.04	0.1
Aroclor 1254	ug/L			ND	ND	ND			EPA 608	0.5	0.03	0.05
Aroclor 1260	ug/L			ND	ND	ND			EPA 608	0.5	0.05	0.1
Arsenic	ug/L	DNQ Est. Conc. 0.48	0.66	DNQ Est. Conc. 0.46	0.055	0.66		10	EPA 200.8	2	0.06 - 0.16	0.40 - 1.00
Barium	mg/L			6.10	8.34	10.8			EPA 200.8		0.06	0.50
Benzene	ug/L			ND	ND	ND			EPA 624	2	0.10 - 0.24	0.50
Benzidine	ug/L			ND	ND	ND			EPA 625	5	1.7	5.0
Benzo(a)anthracene	ug/L			ND	ND	ND			EPA 625	5	0.19	5.0

Valencia Water Reclamation Plant
2014 EFF-001 Monitoring Results

Parameter	Units	January	February	March	April	May	June	July	August	September	October
Benzo(a)pyrene	ug/L	ND						ND			
Benzo(b)fluoranthene	ug/L	ND						ND			
Benzo(g,h,i)perylene	ug/L	ND						ND			
Benzo(k)fluoranthene	ug/L	ND						ND			
Beryllium	ug/L	ND						ND			
beta-BHC	ug/L	ND						ND			
bis(2-Chloroethoxy) methane	ug/L	ND						ND			
bis(2-Chloroethyl) ether	ug/L	ND						ND			
bis(2-Chloroisopropyl) ether	ug/L	ND						ND			
bis(2-Ethylhexyl) phthalate	ug/L	ND			DNQ Est. Conc. 0.30			ND			ND
BOD	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Boron	mg/L	0.46	0.47	0.58	0.56	0.54	0.53	0.44	0.52	0.59	0.58
Bromodichloromethane	ug/L	27.0	18.1	23.6	23.7	24.0	22.5	21.7	19.9	22.2	23.3
Bromoform	ug/L	3.1	2.6	2.8	2.8	3.1	3.0	3.1	3.9	6.7	4.5
Butyl benzyl phthalate	ug/L	ND						ND			
Cadmium	ug/L	ND			ND			ND			ND
Carbon tetrachloride	ug/L	ND						ND			
Chlordane	ug/L	ND						ND			
Chloride	mg/L	128	125	131	132	135	134	138	124	139	144
Chlorobenzene	ug/L	ND						ND			
Chloroethane	ug/L	ND						ND			
Chloroform	ug/L	27.6	12.5	18.6	18.0	18.9	16.6	19.5	14.9	14.6	16.6
Chlorpyrifos	ug/L	ND					ND	ND			
Chromium III	ug/L	ND						ND			
Chromium VI	ug/L	ND						DNQ Est. Conc. 0.03			
Chromium, total	ug/L	DNQ Est. Conc. 0.19						DNQ Est. Conc. 0.21			
Chrysene	ug/L	ND						ND			
Copper	ug/L	1.71			2.25			1.76			1.35
delta-BHC	ug/L	ND						ND			
Di-n-butyl phthalate	ug/L	ND						ND			
Di-n-octyl phthalate	ug/L	ND						ND			
Diazinon	ug/L	ND						ND			
Dibenzo(a,h)anthracene	ug/L	ND						ND			
Dibromochloromethane	ug/L	15.3	9.9	14.1	14.2	14.3	13.7	14.4	12.4	18.4	16.2
Dieldrin	ug/L	ND						ND			
Diethyl phthalate	ug/L	ND						ND			
Dimethyl phthalate	ug/L	ND						ND			
Dissolved oxygen	mg/L	8.3	8.3	8.1	8.0	7.8	7.4	7.4	7.0	7.3	7.3
E. coli	No./100mL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan II	ug/L	ND						ND			
Endosulfan I	ug/L	ND						ND			
Endosulfan sulfate	ug/L	ND						ND			
Endrin aldehyde	ug/L	ND						ND			
Endrin	ug/L	ND						ND			
Ethylbenzene	ug/L	ND						ND			
Fecal coliform	No./100mL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	ug/L	ND						ND			
Fluorene	ug/L	ND						ND			
Fluoride	mg/L	0.324			0.422			0.385			0.394
gamma-BHC (Lindane)	ug/L	ND						ND			
Gross alpha radioactivity	pCi/L	ND			1.08			3.70			1.21
Gross beta radioactivity	pCi/L	31.2			8.86			6.34			9.92
Heptachlor epoxide	ug/L	ND						ND			
Heptachlor	ug/L	ND						ND			
Hexachlorobenzene	ug/L	ND						ND			
Hexachlorobutadiene	ug/L	ND						ND			
Hexachlorocyclopentadiene	ug/L	ND						ND			
Hexachloroethane	ug/L	ND						ND			
Indeno (1,2,3-cd) pyrene	ug/L	ND						ND			
Iron	ug/L	62.3	84.2	92.2	147	260	67.1	63.2	46.8	58.1	60.7
Isophorone	ug/L	ND						ND			
Lead	ug/L	DNQ Est. Conc. 0.05			DNQ Est. Conc. 0.08			DNQ Est. Conc. 0.04			DNQ Est. Conc. 0.03
Mercury	ug/L	0.00052	0.00034	0.00029	0.00048	0.00094	DNQ Est. Conc. 0.00019	DNQ Est. Conc. 0.00013	0.00044	0.00038	0.0011
Methyl bromide (Bromomethane)	ug/L	ND						ND			
Methyl chloride (Chloromethane)	ug/L	ND						ND			
Methyl tert-butyl ether (MTBE)	ug/L	ND						ND			
Methylene chloride	ug/L	ND						ND			
n-Nitrosodi-n-propylamine	ug/L	ND						ND			
n-Nitrosodimethylamine (NDMA)	ug/L	ND						ND			
n-Nitrosodiphenylamine	ug/L	ND						ND			

Valencia Water Reclamation Plant
2014 EFF-001 Monitoring Results

Parameter	Units	November	December	Monthly Average			Limit		Method	ML	MDL	RDL
				Minimum	Average	Maximum	Max Daily	Monthly Average				
Benzo(a)pyrene	ug/L			ND	ND	ND			EPA 610	10	0.007	0.020
Benzo(b)fluoranthene	ug/L			ND	ND	ND			EPA 610	10	0.004	0.020
Benzo(g,h,i)perylene	ug/L			ND	ND	ND			EPA 625	5	0.19	5.0
Benzo(k)fluoranthene	ug/L			ND	ND	ND			EPA 610	10	0.005	0.020
Beryllium	ug/L			ND	ND	ND			EPA 200.8	0.5	0.040	0.25
beta-BHC	ug/L			ND	ND	ND			EPA 608	0.005	0.003	0.005
bis(2-Chloroethoxy) methane	ug/L			ND	ND	ND			EPA 625	5	0.13	5.0
bis(2-Chloroethyl) ether	ug/L			ND	ND	ND			EPA 625	1	0.19	1.0
bis(2-Chloroisopropyl) ether	ug/L			ND	ND	ND			EPA 625	2	0.16	2.0
bis(2-Ethylhexyl) phthalate	ug/L			ND	ND	DNQ Est. Conc. 0.30			EPA 625	5	0.25	2.0
BOD	mg/L	ND	ND	ND	ND	ND	45	20	SM 5210B		0.6	3.0 - 3.2
Boron	mg/L	0.54	0.55	0.44	0.53	0.59		1.5	EPA 200.8		0.002 - 0.005	0.020
Bromodichloromethane	ug/L	23.8	17.3	17.3	22.3	27.0			EPA 624	2	0.08 - 0.17	0.50
Bromoform	ug/L	3.4	2.2	2.2	3.4	6.7			EPA 624	2	0.11 - 0.17	0.50
Butyl benzyl phthalate	ug/L			ND	ND	ND			EPA 625	10	0.16	10.0
Cadmium	ug/L			ND	ND	ND			EPA 200.8	0.25	0.040	0.20
Carbon tetrachloride	ug/L			ND	ND	ND			EPA 624	2	0.07 - 0.11	0.50
Chlordane	ug/L			ND	ND	ND			EPA 608	0.1	0.03	0.05
Chloride	mg/L	146	140	124	135	146	230		EPA 300.0		0.400 - 0.750	8.00 - 10.0
Chlorobenzene	ug/L			ND	ND	ND			EPA 624	2	0.08 - 0.17	0.50
Chloroethane	ug/L			ND	ND	ND			EPA 624	2	0.15 - 0.22	0.50
Chloroform	ug/L	19.3	14.9	12.5	17.7	27.6			EPA 624	2	0.09 - 0.18	0.50
Chlorpyrifos	ug/L			ND	ND	ND			EPA 525.2 MOD & SW-846 8141A		0.0060 - 0.0069	0.010 - 0.10
Chromium III	ug/L			ND	ND	ND			EPA 200.8			0.50
Chromium VI	ug/L			ND	ND	DNQ Est. Conc. 0.03			EPA 218.6 (Dissolved)		0.0048 - 0.02	0.05 - 0.30
Chromium, total	ug/L			DNQ Est. Conc. 0.19	ND	DNQ Est. Conc. 0.21			EPA 200.8	0.5	0.07	0.50
Chrysene	ug/L			ND	ND	ND			EPA 610	10	0.005	0.020
Copper	ug/L			1.35	1.77	2.25			EPA 200.8	0.5	0.08	0.50
delta-BHC	ug/L			ND	ND	ND			EPA 608	0.005	0.003	0.005
Di-n-butyl phthalate	ug/L			ND	ND	ND			EPA 625	10	0.16	10.0
Di-n-octyl phthalate	ug/L			ND	ND	ND			EPA 625	10	0.16	10.0
Diazinon	ug/L			ND	ND	ND			SW-846 8141A		0.0060	0.10
Dibenzo(a,h)anthracene	ug/L			ND	ND	ND			EPA 610	10	0.004	0.020
Dibromochloromethane	ug/L	15.5	9.1	9.1	14	18.4			EPA 624	2	0.07 - 0.14	0.50
Dieldrin	ug/L			ND	ND	ND			EPA 608	0.01	0.001	0.01
Diethyl phthalate	ug/L			ND	ND	ND			EPA 625	2	0.21	2.0
Dimethyl phthalate	ug/L			ND	ND	ND			EPA 625	2	0.19	2.0
Dissolved oxygen	mg/L	7.6	7.8	7.0	7.7	8.3			SM 4500 O G		0.1	1.0
E. coli	No./100mL	ND	ND	ND	ND	ND			SM 9223		1.1	1.1
Endosulfan II	ug/L			ND	ND	ND			EPA 608	0.01	0.003	0.01
Endosulfan I	ug/L			ND	ND	ND			EPA 608	0.02	0.001	0.01
Endosulfan sulfate	ug/L			ND	ND	ND			EPA 608	0.05	0.002	0.01
Endrin aldehyde	ug/L			ND	ND	ND			EPA 608	0.01	0.001	0.01
Endrin	ug/L			ND	ND	ND			EPA 608	0.01	0.002	0.01
Ethylbenzene	ug/L			ND	ND	ND			EPA 624	2	0.06 - 0.12	0.50
Fecal coliform	No./100mL	ND	ND	ND	ND	ND			SM 9222D		1	1
Fluoranthene	ug/L			ND	ND	ND			EPA 625	1	0.19	1.0
Fluorene	ug/L			ND	ND	ND			EPA 625	10	0.18	10.0
Fluoride	mg/L			0.324	0.381	0.422			SM 4500 F C		0.003 - 0.004	0.100
gamma-BHC (Lindane)	ug/L			ND	ND	ND			EPA 608	0.02	0.001	0.01
Gross alpha radioactivity	pCi/L			ND	1.50	3.70			EPA 900.0		1.05 - 2.61	1.05 - 2.61
Gross beta radioactivity	pCi/L			6.34	14.1	31.2			EPA 900.0		1.27 - 1.79	1.27 - 1.79
Heptachlor epoxide	ug/L			ND	ND	ND			EPA 608	0.01	0.001	0.01
Heptachlor	ug/L			ND	ND	ND			EPA 608	0.01	0.001	0.01
Hexachlorobenzene	ug/L			ND	ND	ND			EPA 625	1	0.18	1.0
Hexachlorobutadiene	ug/L			ND	ND	ND			EPA 625	1	0.14	1.0
Hexachlorocyclopentadiene	ug/L			ND	ND	ND			EPA 625	5	0.75	5.0
Hexachloroethane	ug/L			ND	ND	ND			EPA 625	1	0.14	1.0
Indeno (1,2,3-cd) pyrene	ug/L			ND	ND	ND			EPA 610	10	0.004	0.020
Iron	ug/L	70.3	60.9	46.8	89.4	260		300	EPA 200.8		3.0 - 5.0	20.0
Isophorone	ug/L			ND	ND	ND			EPA 625	1	0.13	1.0
Lead	ug/L			DNQ Est. Conc. 0.03	ND	DNQ Est. Conc. 0.08			EPA 200.8	0.5	0.03	0.25
Mercury	ug/L	0.00042	0.00050	DNQ Est. Conc. 0.00013	0.00045	0.0011	0.094	0.051	EPA 1631	0.5	0.00011	0.00020
Methyl bromide (Bromomethane)	ug/L			ND	ND	ND			EPA 624	2	0.30 - 0.34	0.50
Methyl chloride (Chloromethane)	ug/L			ND	ND	ND			EPA 624	2	0.06 - 0.22	0.50
Methyl tert-butyl ether (MTBE)	ug/L			ND	ND	ND			EPA 624		0.16 - 0.21	0.50
Methylene chloride	ug/L			ND	ND	ND			EPA 624	2	0.20 - 0.27	0.50
n-Nitrosodi-n-propylamine	ug/L			ND	ND	ND			EPA 625	5	0.12	5.0
n-Nitrosodimethylamine (NDMA)	ug/L			ND	ND	ND			EPA 625	5	0.14	5.0
n-Nitrosodiphenylamine	ug/L			ND	ND	ND			EPA 625	1	0.15	1.0

Valencia Water Reclamation Plant
2014 EFF-001 Monitoring Results

Parameter	Units	January	February	March	April	May	June	July	August	September	October
Naphthalene	ug/L	ND						ND			
Nickel	ug/L	2.56			2.74			2.70			2.95
Nitrate + nitrite as nitrogen	mg/L	2.26	2.73	2.94	2.86	2.93	2.26	2.96	2.54	2.17	2.37
Nitrate as nitrogen	mg/L	2.22	2.72	2.93	2.84	2.92	2.24	2.95	2.52	2.15	2.35
Nitrite as nitrogen	mg/L	0.036	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	ug/L	ND						ND			
OctaCDD	pg/L	DNQ Est. Conc. 47						DNQ Est. Conc. 9.3			
OctaCDF	pg/L	DNQ Est. Conc. 16						ND			
Oil and grease	mg/L	ND			ND			ND			ND
Organic nitrogen	mg/L	1.09	1.10	1.25	0.994	0.784	2.04	0.612	0.520	2.85	0.853
Pentachlorophenol	ug/L	ND						ND			
Perchlorate	ug/L	0.26						0.59			
Phenanthrene	ug/L	ND						ND			
Phenol	ug/L	ND						DNQ Est. Conc. 0.19			
pH	SU	7.3	7.4	7.4	7.4	7.4	7.4	7.4	7.5	7.5	7.5
Polychlorinated biphenyls (PCBs)	ug/L	ND						ND			
Pyrene	ug/L	ND						ND			
Selenium	ug/L	DNQ Est. Conc. 0.33	DNQ Est. Conc. 0.33	DNQ Est. Conc. 0.51	DNQ Est. Conc. 0.59	DNQ Est. Conc. 0.58	DNQ Est. Conc. 0.34	DNQ Est. Conc. 0.46	DNQ Est. Conc. 0.44	DNQ Est. Conc. 0.46	DNQ Est. Conc. 0.45
Settleable solids	mL/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	ug/L	ND			ND			ND			ND
Strontium-90	pCi/L	0.296			ND			0.301			0.567
Sulfate	mg/L	158	170	221	226	198	191	201	163	209	202
Surfactant (CTAS)	mg/L	ND			ND			ND			ND
Surfactant (MBAS)	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Temperature	Degrees F	75.6	75.1	76.3	77.0	78.9	79.9	83.0	83.3	83.2	81.2
Tetrachloroethene	ug/L	ND						ND			
Thallium	ug/L	ND						ND			
Toluene	ug/L	ND						ND			
Total chlorinated hydrocarbons (TICH)	ug/L	ND			ND			ND			ND
Total coliform	No./100mL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total cyanide	ug/L	DNQ Est. Conc. 4.32			DNQ Est. Conc. 3.86			ND			DNQ Est. Conc. 2.88
Total dissolved solids	mg/L	633	677	759	781	744	705	755	806	752	782
Total hardness (CaCO3)	mg/L	222	264	335	317	285	269	280	296	286	295
Total Kjeldahl Nitrogen (TKN)	mg/L	1.96	1.98	2.24	1.87	1.72	2.79	1.46	1.22	4.00	1.82
Total nitrogen	mg/L	4.22	4.71	5.18	4.73	4.65	5.05	4.42	3.76	6.17	4.19
Total residual chlorine	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total suspended solids	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total trihalomethanes	ug/L	73.0	43.1	59.1	58.7	60.3	55.8	58.7	51.1	61.9	60.6
Toxaphene	ug/L	ND						ND			
Toxic equivalence	pg/L	ND						ND			
trans-1,2-Dichloroethene	ug/L	ND						ND			
Trichloroethene	ug/L	ND						ND			
Tritium	pCi/L	ND			235			ND			ND
Turbidity	NTU	0.51	0.49	0.45	0.49	0.57	0.47	0.40	0.41	0.38	0.37
Uranium	pCi/L	0.142			0.531			0.140			0.472
Vinyl chloride	ug/L	ND						ND			
Zinc	ug/L	24.2			24.1			25.1			24.1

Valencia Water Reclamation Plant
2014 EFF-001 Monitoring Results

Parameter	Units	November	December	Monthly Average			Limit		Method	ML	MDL	RDL
				Minimum	Average	Maximum	Max Daily	Monthly Average				
Naphthalene	ug/L			ND	ND	ND			EPA 625	1	0.18	1.0
Nickel	ug/L			2.56	2.74	2.95			EPA 200.8	1	0.13	1.00
Nitrate + nitrite as nitrogen	mg/L	2.07	2.69	2.07	2.57	2.96		6.8	SM 4500 NO3 F		0.030	0.200
Nitrate as nitrogen	mg/L	2.06	2.67	2.06	2.55	2.95		6.8	SM 4500 NO3 F		0.030	0.200
Nitrite as nitrogen	mg/L	ND	ND	ND	0.0030	0.036		0.9	SM 4500 NO3 F		0.003	0.030
Nitrobenzene	ug/L			ND	ND	ND			EPA 625	1	0.22	1.0
OctaCDD	pg/L			DNQ Est. Conc. 9.3	ND	DNQ Est. Conc. 47			EPA 1613B		2.1 - 3.0	100 - 110
OctaCDF	pg/L			ND	ND	DNQ Est. Conc. 16			EPA 1613B		2.2 - 3.2	100 - 110
Oil and grease	mg/L			ND	ND	ND	15	10	EPA 1664A		0.8 - 0.9	4.3 - 4.7
Organic nitrogen	mg/L	1.28	1.24	0.520	1.22	2.85			EPA 351.2 & SM 4500 NH3 G		0.050 - 0.135	0.200
Pentachlorophenol	ug/L			ND	ND	ND			EPA 625	5	0.38	1.0
Perchlorate	ug/L			0.26	0.43	0.59			EPA 331.0		0.0201	0.05
Phenanthrene	ug/L			ND	ND	ND			EPA 625	5	0.19	5.0
Phenol	ug/L			ND	ND	DNQ Est. Conc. 0.19			EPA 625	1	0.14	1.0
pH	SU	7.5	7.4	7.3	7.4	7.5			SM 4500 H+ B		1.00	1.00 - 4.00
Polychlorinated biphenyls (PCBs)	ug/L			ND	ND	ND			EPA 608			
Pyrene	ug/L			ND	ND	ND			EPA 625	10	0.19	10.0
Selenium	ug/L	DNQ Est. Conc. 0.50	0.62	DNQ Est. Conc. 0.33	0.052	0.62	7.3	4.4	EPA 200.8	2	0.02 - 0.17	0.40 - 1.00
Settleable solids	mL/L	ND	ND	ND	ND	ND	0.3	0.1	SM 2540F		0.1	0.1
Silver	ug/L			ND	ND	ND			EPA 200.8	0.25	0.03	0.20
Strontium-90	pCi/L			ND	0.291	0.567	8		EPA 905.0		0.546 - 0.606	0.546 - 0.606
Sulfate	mg/L	204	216	158	197	226		400	EPA 300.0		0.300 - 1.15	2.00 - 2.50
Surfactant (CTAS)	mg/L			ND	ND	ND			SM 5540D		0.023 - 0.10	0.10 - 0.20
Surfactant (MBAS)	mg/L	0.10	ND	ND	0.0083	0.10		0.5	SM 5540C		0.03	0.10
Temperature	Degrees F	78.6	75.1	75.1	78.9	83.3	86		EPA 170.1 (oF)			
Tetrachloroethene	ug/L			ND	ND	ND			EPA 624	2	0.12 - 0.16	0.50
Thallium	ug/L			ND	ND	ND			EPA 200.8	1	0.020	0.25
Toluene	ug/L			ND	ND	ND			EPA 624	2	0.06 - 0.12	0.50
Total chlorinated hydrocarbons (TICH)	ug/L			ND	ND	ND			EPA 608			
Total coliform	No./100mL	ND	ND	ND	ND	ND	23/240		SM 9222B		1	1
Total cyanide	ug/L			ND	ND	DNQ Est. Conc. 4.32			SM 4500 CN E	5	1.00	5.00
Total dissolved solids	mg/L	787	842	633	752	842		1000	SM 2540C		2.7 - 5.4	25.0 - 50.0
Total hardness (CaCO3)	mg/L	300	301	222	288	335			EPA 200.8 & SM 2340C			0.05 - 12
Total Kjeldahl Nitrogen (TKN)	mg/L	2.16	2.26	1.22	2.12	4.00			EPA 351.2		0.135 - 0.338	0.200 - 0.500
Total nitrogen	mg/L	4.22	4.95	3.76	4.69	6.17			Total Nitrogen Calculation			0.200
Total residual chlorine	mg/L	ND	ND	ND	ND	ND	0.1		SM 4500 Cl C		0.05	0.05
Total suspended solids	mg/L	ND	ND	ND	ND	ND	45	15	SM 2540D		2.5	2.5
Total trihalomethanes	ug/L	62.0	43.5	43.1	57.3	73.0		80	EPA 624			0.50
Toxaphene	ug/L			ND	ND	ND			EPA 608	0.5	0.04	0.5
Toxic equivalence	pg/L			ND	ND	ND			EPA 1613B			
trans-1,2-Dichloroethene	ug/L			ND	ND	ND			EPA 624	1	0.09 - 0.26	0.50
Trichloroethene	ug/L			ND	ND	ND			EPA 624	2	0.13 - 0.32	0.50
Tritium	pCi/L			ND	58.8	235	20000		EPA 906.0		434	434
Turbidity	NTU	0.51	0.45	0.37	0.46	0.57	2		SM 2130B		0.12	0.12
Uranium	pCi/L			0.140	0.321	0.531			EPA 908.0		0.300	0.300
Vinyl chloride	ug/L			ND	ND	ND			EPA 624	2	0.12 - 0.37	0.50
Zinc	ug/L			24.1	24.4	25.1			EPA 200.8	1	0.22	1.00

Valencia WRP Biosolids Monitoring

Whittier Narrows WRP Influent Monitoring

Whittier Narrows Water Reclamation Plant
2014 INF-001 Monitoring Results

Parameter	Units	January	February	March	April	May	June	July	August	September
1,1-Dichloroethane	ug/L		ND						ND	
1,1-Dichloroethylene	ug/L		ND						ND	
1,1,1-Trichloroethane	ug/L		ND						ND	
1,1,2-Trichloroethane	ug/L		ND						ND	
1,1,2,2-Tetrachloroethane	ug/L		ND						ND	
1,2-Dichlorobenzene	ug/L		ND						ND	
1,2-Dichloroethane	ug/L		ND						ND	
1,2-Dichloropropane	ug/L		ND						ND	
1,2-Diphenylhydrazine	ug/L		ND						ND	
1,2-trans-Dichloroethylene	ug/L		ND						ND	
1,2,4-Trichlorobenzene	ug/L		ND						ND	
1,3-Dichlorobenzene	ug/L		ND						ND	
1,3-Dichloropropene	ug/L		ND						ND	
1,4-Dichlorobenzene	ug/L		DNQ Est. Conc. 0.18						DNQ Est. Conc. 0.10	
2-Chloroethylvinyl ether	ug/L		ND						ND	
2-Chloronaphthalene	ug/L		ND						ND	
2-Chlorophenol	ug/L		ND						ND	
2-Methyl-4,6-dinitrophenol	ug/L		ND						ND	
2-Nitrophenol	ug/L		ND						ND	
2,3,7,8-TCDD	pg/L		ND						ND	
2,4-Dichlorophenol	ug/L		ND						ND	
2,4-Dimethylphenol	ug/L		ND						ND	
2,4-Dinitrophenol	ug/L		ND						ND	
2,4-Dinitrotoluene	ug/L		ND						ND	
2,4,6-Trichlorophenol	ug/L		ND						ND	
2,6-Dinitrotoluene	ug/L		ND						ND	
3-Methyl-4-chlorophenol	ug/L		ND						ND	
3,3'-Dichlorobenzidine	ug/L		ND						ND	
4-Bromophenyl phenyl ether	ug/L		ND						ND	
4-Chlorophenyl phenyl ether	ug/L		ND						ND	
4-Nitrophenol	ug/L		ND						ND	
4,4'-DDD	ug/L		ND						ND	
4,4'-DDE	ug/L		ND						ND	
4,4'-DDT	ug/L		ND						ND	
Acenaphthene	ug/L		ND						ND	
Acenaphthylene	ug/L		ND						ND	
Acrolein	ug/L		ND						ND	
Acrylonitrile	ug/L		ND						ND	
Aldrin	ug/L		ND						ND	
alpha-BHC	ug/L		ND						ND	
alpha-Endosulfan	ug/L		ND						ND	
Anthracene	ug/L		ND						ND	
Antimony	ug/L		0.78						1.23	
Aroclor 1016	ug/L		ND						ND	
Aroclor 1221	ug/L		ND						ND	
Aroclor 1232	ug/L		ND						ND	
Aroclor 1242	ug/L		ND						ND	
Aroclor 1248	ug/L		ND						ND	
Aroclor 1254	ug/L		ND						ND	
Aroclor 1260	ug/L		ND						ND	
Arsenic	ug/L		1.58						1.85	
Benzene	ug/L		ND						ND	
Benzidine	ug/L		ND						ND	
Benzo(a)anthracene	ug/L		ND						ND	
Benzo(a)pyrene	ug/L		ND						ND	
Benzo(b)fluoranthene	ug/L		ND						ND	
Benzo(g,h,i)perylene	ug/L		ND						ND	
Benzo(k)fluoranthene	ug/L		ND						ND	
Beryllium	ug/L		ND						ND	

Whittier Narrows Water Reclamation Plant
2014 INF-001 Monitoring Results

Parameter	October	November	December	Monthly Average			Method	ML	MDL	RDL
				Minimum	Average	Maximum				
1,1-Dichloroethane				ND	ND	ND	EPA 624	1	0.07 - 0.19	0.50
1,1-Dichloroethylene				ND	ND	ND	EPA 624	2	0.13 - 0.28	0.50
1,1,1-Trichloroethane				ND	ND	ND	EPA 624	2	0.07 - 0.08	0.50
1,1,2-Trichloroethane				ND	ND	ND	EPA 624	2	0.10 - 0.14	0.50
1,1,2,2-Tetrachloroethane				ND	ND	ND	EPA 624	1	0.10	0.50
1,2-Dichlorobenzene				ND	ND	ND	EPA 624	2	0.12 - 0.16	0.50
1,2-Dichloroethane				ND	ND	ND	EPA 624	2	0.09	0.50
1,2-Dichloropropane				ND	ND	ND	EPA 624	1	0.09 - 0.12	0.50
1,2-Diphenylhydrazine				ND	ND	ND	EPA 625	1	1.3	10.0
1,2-trans-Dichloroethylene				ND	ND	ND	EPA 624	1	0.09 - 0.26	0.50
1,2,4-Trichlorobenzene				ND	ND	ND	EPA 625	5	1.7	50.0
1,3-Dichlorobenzene				ND	ND	ND	EPA 624	2	0.08 - 0.09	0.50
1,3-Dichloropropene				ND	ND	ND	EPA 624	2		0.50
1,4-Dichlorobenzene				DNQ Est. Conc. 0.10	ND	DNQ Est. Conc. 0.18	EPA 624	2	0.07	0.50
2-Chloroethylvinyl ether				ND	ND	ND	EPA 624	1	0.16 - 0.23	0.50
2-Chloronaphthalene				ND	ND	ND	EPA 625	10	1.6	100
2-Chlorophenol				ND	ND	ND	EPA 625	5	1.5	50.0
2-Methyl-4,6-dinitrophenol				ND	ND	ND	EPA 625	5	13.1	50.0
2-Nitrophenol				ND	ND	ND	EPA 625	10	2.0	100
2,3,7,8-TCDD				ND	ND	ND	EPA 1613B		0.50 - 1.5	10 - 11
2,4-Dichlorophenol				ND	ND	ND	EPA 625	5	1.5	50.0
2,4-Dimethylphenol				ND	ND	ND	EPA 625	2	1.1	20.0
2,4-Dinitrophenol				ND	ND	ND	EPA 625	5	17.3	50.0
2,4-Dinitrotoluene				ND	ND	ND	EPA 625	5	2.0	50.0
2,4,6-Trichlorophenol				ND	ND	ND	EPA 625	10	1.2	100
2,6-Dinitrotoluene				ND	ND	ND	EPA 625	5	2.2	50.0
3-Methyl-4-chlorophenol				ND	ND	ND	EPA 625	1	1.3	10.0
3,3'-Dichlorobenzidine				ND	ND	ND	EPA 625	5	11.6	50.0
4-Bromophenyl phenyl ether				ND	ND	ND	EPA 625	5	2.1	50.0
4-Chlorophenyl phenyl ether				ND	ND	ND	EPA 625	5	1.7	50.0
4-Nitrophenol				ND	ND	ND	EPA 625	10	13.7	100
4,4'-DDD				ND	ND	ND	EPA 608	0.05	0.001	0.01
4,4'-DDE				ND	ND	ND	EPA 608	0.05	0.001	0.01
4,4'-DDT				ND	ND	ND	EPA 608	0.01	0.003	0.01
Acenaphthene				ND	ND	ND	EPA 625	1	1.5	10.0
Acenaphthylene				ND	ND	ND	EPA 625	10	1.4	100
Acrolein				ND	ND	ND	EPA 624	5	1.4 - 1.6	2.0
Acrylonitrile				ND	ND	ND	EPA 624	2	0.31 - 0.92	2.0
Aldrin				ND	ND	ND	EPA 608	0.005	0.0009	0.005
alpha-BHC				ND	ND	ND	EPA 608	0.01	0.002	0.01
alpha-Endosulfan				ND	ND	ND	EPA 608	0.02	0.001	0.01
Anthracene				ND	ND	ND	EPA 625	10	1.8	100
Antimony				0.78	1.0	1.23	EPA 200.8	0.5	0.05 - 0.13	0.50
Aroclor 1016				ND	ND	ND	EPA 608	0.5	0.02	0.1
Aroclor 1221				ND	ND	ND	EPA 608	0.5	0.2	0.5
Aroclor 1232				ND	ND	ND	EPA 608	0.5	0.09	0.3
Aroclor 1242				ND	ND	ND	EPA 608	0.5	0.02	0.1
Aroclor 1248				ND	ND	ND	EPA 608	0.5	0.02	0.1
Aroclor 1254				ND	ND	ND	EPA 608	0.5	0.01	0.05
Aroclor 1260				ND	ND	ND	EPA 608	0.5	0.01	0.1
Arsenic				1.58	1.72	1.85	EPA 200.8	2	0.16	1.00
Benzene				ND	ND	ND	EPA 624	2	0.10 - 0.24	0.50
Benzidine				ND	ND	ND	EPA 625	5	16.7	50.0
Benzo(a)anthracene				ND	ND	ND	EPA 625	5	1.9	50.0
Benzo(a)pyrene				ND	ND	ND	EPA 625	10	1.5	100
Benzo(b)fluoranthene				ND	ND	ND	EPA 625	10	1.3	100
Benzo(g,h,i)perylene				ND	ND	ND	EPA 625	5	1.9	50.0
Benzo(k)fluoranthene				ND	ND	ND	EPA 625	10	2.3	100
Beryllium				ND	ND	ND	EPA 200.8	0.5	0.010 - 0.040	0.25

Whittier Narrows Water Reclamation Plant
2014 INF-001 Monitoring Results

Parameter	Units	January	February	March	April	May	June	July	August	September
beta-BHC	ug/L		ND						ND	
beta-endosulfan	ug/L		ND						ND	
bis(2-Chloroethoxy) methane	ug/L		ND						ND	
bis(2-Chloroethyl) ether	ug/L		ND						ND	
bis(2-Chloroisopropyl) ether	ug/L		ND						ND	
bis(2-Ethylhexyl) phthalate	ug/L		DNQ Est. Conc. 14.7						DNQ Est. Conc. 12.6	
BOD	mg/L	222	260	250	278	279	239	253	233	231
Bromodichloromethane	ug/L		ND						DNQ Est. Conc. 0.24	
Bromoform	ug/L		ND						DNQ Est. Conc. 0.24	
Butyl benzyl phthalate	ug/L		ND						ND	
Cadmium	ug/L		DNQ Est. Conc. 0.13			DNQ Est. Conc. 0.08			DNQ Est. Conc. 0.14	
Carbon tetrachloride	ug/L		ND						ND	
Chlorobenzene	ug/L		ND						ND	
Chloroethane	ug/L		ND						ND	
Chloroform	ug/L		4.1						4.0	
Chromium VI	ug/L		ND						0.05	
Chromium, total	ug/L		4.40						4.16	
Chrysene	ug/L		ND						ND	
Copper	ug/L		54.5			49.7			53.7	
Cyanide, total	ug/L		DNQ Est. Conc. 1.3						ND	
delta-BHC	ug/L		ND						ND	
Di-n-butyl phthalate	ug/L		ND						ND	
Di-n-octyl phthalate	ug/L		ND						ND	
Dibenzo(a,h)anthracene	ug/L		ND						ND	
Dibromochloromethane	ug/L		ND						DNQ Est. Conc. 0.23	
Dieldrin	ug/L		ND						ND	
Diethyl phthalate	ug/L		DNQ Est. Conc. 5.6						DNQ Est. Conc. 7.6	
Dimethyl phthalate	ug/L		ND						ND	
Endosulfan sulfate	ug/L		ND						ND	
Endrin aldehyde	ug/L		ND						ND	
Endrin	ug/L		ND						ND	
Ethylbenzene	ug/L		1.0						ND	
Fluoranthene	ug/L		ND						ND	
Fluorene	ug/L		ND						ND	
gamma-BHC	ug/L		ND						ND	
Heptachlor epoxide	ug/L		ND						ND	
Heptachlor	ug/L		ND						ND	
Hexachlorobenzene	ug/L		ND						ND	
Hexachlorobutadiene	ug/L		ND						ND	
Hexachlorocyclopentadiene	ug/L		ND						ND	
Hexachloroethane	ug/L		ND						ND	
Indeno (1,2,3-cd) pyrene	ug/L		ND						ND	
Isophorone	ug/L		ND						ND	
Lead	ug/L		0.93			0.91			1.14	
Mercury	ug/L		0.06			0.05			DNQ Est. Conc. 0.03	
Methyl bromide (bromomethane)	ug/L		ND						ND	
Methyl chloride (chloromethane)	ug/L		ND						ND	
Methylene chloride	ug/L		DNQ Est. Conc. 0.38						ND	
n-Nitrosodi-n-propylamine	ug/L		ND						ND	
n-Nitrosodimethylamine (NDMA)	ug/L		ND						ND	
n-Nitrosodiphenylamine	ug/L		ND						ND	
Naphthalene	ug/L		ND						ND	
Nickel	ug/L		15.2						17.7	
Nitrobenzene	ug/L		ND						ND	
Pentachlorophenol	ug/L		ND						ND	
Phenanthrene	ug/L		ND						ND	
Phenol	ug/L		20.1						40.2	
pH	SU	7.8	7.8	7.8	7.8	7.7	7.7	7.7	7.7	7.7
Pyrene	ug/L		ND						ND	
Selenium	ug/L		DNQ Est. Conc. 0.98						DNQ Est. Conc. 0.86	

Whittier Narrows Water Reclamation Plant
2014 INF-001 Monitoring Results

Parameter	October	November	December	Monthly Average			Method	ML	MDL	RDL
				Minimum	Average	Maximum				
beta-BHC				ND	ND	ND	EPA 608	0.005	0.002	0.005
beta-endosulfan				ND	ND	ND	EPA 608	0.01	0.001	0.01
bis(2-Chloroethoxy) methane				ND	ND	ND	EPA 625	5	1.3	50.0
bis(2-Chloroethyl) ether				ND	ND	ND	EPA 625	1	1.9	10.0
bis(2-Chloroisopropyl) ether				ND	ND	ND	EPA 625	2	1.6	20.0
bis(2-Ethylhexyl) phthalate				DNQ Est. Conc. 12.6	ND	DNQ Est. Conc. 14.7	EPA 625	5	2.5	20.0
BOD	216	276	259	216	250	279	SM 5210B		0.6	120
Bromodichloromethane				ND	ND	DNQ Est. Conc. 0.24	EPA 624	2	0.08 - 0.09	0.50
Bromoform				ND	ND	DNQ Est. Conc. 0.24	EPA 624	2	0.13	0.50
Butyl benzyl phthalate				ND	ND	ND	EPA 625	10	1.6	100
Cadmium		0.41		DNQ Est. Conc. 0.08	0.1	0.41	EPA 200.8	0.25	0.040 - 0.070	0.20
Carbon tetrachloride				ND	ND	ND	EPA 624	2	0.07 - 0.11	0.50
Chlorobenzene				ND	ND	ND	EPA 624	2	0.08 - 0.17	0.50
Chloroethane				ND	ND	ND	EPA 624	2	0.15 - 0.22	0.50
Chloroform				4.0	4.1	4.1	EPA 624	2	0.09 - 0.12	0.50
Chromium VI				ND	0.03	0.05	EPA 218.6 (Dissolved)		0.0048 - 0.02	0.05 - 0.30
Chromium, total				4.16	4.28	4.40	EPA 200.8	0.5	0.04 - 0.07	0.50
Chrysene				ND	ND	ND	EPA 625	10	1.7	100
Copper		58.6		49.7	54.1	58.6	EPA 200.8	0.5	0.04 - 0.08	0.50
Cyanide, total				ND	ND	DNQ Est. Conc. 1.3	SM 4500 CN E	5	1.0	5.0
delta-BHC				ND	ND	ND	EPA 608	0.005	0.004	0.005
Di-n-butyl phthalate				ND	ND	ND	EPA 625	10	1.6	100
Di-n-octyl phthalate				ND	ND	ND	EPA 625	10	1.6	100
Dibenzo(a,h)anthracene				ND	ND	ND	EPA 625	10	1.5	100
Dibromochloromethane				ND	ND	DNQ Est. Conc. 0.23	EPA 624	2	0.08 - 0.10	0.50
Dieldrin				ND	ND	ND	EPA 608	0.01	0.001	0.01
Diethyl phthalate				DNQ Est. Conc. 5.6	ND	DNQ Est. Conc. 7.6	EPA 625	2	2.1	20.0
Dimethyl phthalate				ND	ND	ND	EPA 625	2	1.9	20.0
Endosulfan sulfate				ND	ND	ND	EPA 608	0.05	0.009	0.01
Endrin aldehyde				ND	ND	ND	EPA 608	0.01	0.002	0.01
Endrin				ND	ND	ND	EPA 608	0.01	0.001	0.01
Ethylbenzene				ND	0.50	1.0	EPA 624	2	0.06 - 0.12	0.50
Fluoranthene				ND	ND	ND	EPA 625	1	1.9	10.0
Fluorene				ND	ND	ND	EPA 625	10	1.8	100
gamma-BHC				ND	ND	ND	EPA 608	0.02	0.0009	0.01
Heptachlor epoxide				ND	ND	ND	EPA 608	0.01	0.001	0.01
Heptachlor				ND	ND	ND	EPA 608	0.01	0.0008	0.01
Hexachlorobenzene				ND	ND	ND	EPA 625	1	1.8	10.0
Hexachlorobutadiene				ND	ND	ND	EPA 625	1	1.4	10.0
Hexachlorocyclopentadiene				ND	ND	ND	EPA 625	5	7.5	50.0
Hexachloroethane				ND	ND	ND	EPA 625	1	1.4	10.0
Indeno (1,2,3-cd) pyrene				ND	ND	ND	EPA 625	10	1.4	100
Isophorone				ND	ND	ND	EPA 625	1	1.3	10.0
Lead		1.10		0.91	1.0	1.14	EPA 200.8	0.5	0.03	0.25
Mercury		DNQ Est. Conc. 0.03		DNQ Est. Conc. 0.03	0.03	0.06	EPA 245.1	0.5	0.01	0.04
Methyl bromide (bromomethane)				ND	ND	ND	EPA 624	2	0.30 - 0.34	0.50
Methyl chloride (chloromethane)				ND	ND	ND	EPA 624	2	0.06 - 0.22	0.50
Methylene chloride				ND	ND	DNQ Est. Conc. 0.38	EPA 624	2	0.20 - 0.27	0.50
n-Nitrosodi-n-propylamine				ND	ND	ND	EPA 625	5	1.2	50.0
n-Nitrosodimethylamine (NDMA)				ND	ND	ND	EPA 625	5	1.4	50.0
n-Nitrosodiphenylamine				ND	ND	ND	EPA 625	1	1.5	10.0
Naphthalene				ND	ND	ND	EPA 625	1	1.8	10.0
Nickel				15.2	16.5	17.7	EPA 200.8	1	0.10 - 0.13	1.00
Nitrobenzene				ND	ND	ND	EPA 625	1	2.2	10.0
Pentachlorophenol				ND	ND	ND	EPA 625	5	3.8	10.0
Phenanthrene				ND	ND	ND	EPA 625	5	1.9	50.0
Phenol				20.1	30.2	40.2	EPA 625	1	1.4	10.0
pH	7.9	7.8	7.8	7.7	7.8	7.9	SM 4500 H+ B		1.00	1.00 - 4.00
Pyrene				ND	ND	ND	EPA 625	10	1.9	100
Selenium				DNQ Est. Conc. 0.86	ND	DNQ Est. Conc. 0.98	EPA 200.8	2	0.04 - 0.17	1.00

Whittier Narrows Water Reclamation Plant
2014 INF-001 Monitoring Results

Parameter	Units	January	February	March	April	May	June	July	August	September
Silver	ug/L		0.37						0.33	
Technical chlordane	ug/L		ND						ND	
Tetrachloroethylene	ug/L		DNQ Est. Conc. 0.15						ND	
Thallium	ug/L		ND						ND	
Toluene	ug/L		4.1						1.6	
total suspended solids	mg/L	200	282	250	261	291	251	268	251	250
Toxaphene	ug/L		ND						ND	
Trichloroethylene	ug/L		ND						ND	
Vinyl chloride	ug/L		ND						ND	
Zinc	ug/L		106			89.4			93.7	

Whittier Narrows Water Reclamation Plant
2014 INF-001 Monitoring Results

Parameter	October	November	December	Monthly Average			Method	ML	MDL	RDL
				Minimum	Average	Maximum				
Silver				0.33	0.35	0.37	EPA 200.8	0.25	0.03	0.20
Technical chlordane				ND	ND	ND	EPA 608	0.1	0.01	0.05
Tetrachloroethylene				ND	ND	DNQ Est. Conc. 0.15	EPA 624	2	0.12 - 0.16	0.50
Thallium				ND	ND	ND	EPA 200.8	1	0.020	0.25
Toluene				1.6	2.9	4.1	EPA 624	2	0.06 - 0.12	0.50
total suspended solids	236	274	277	200	258	291	SM 2540D		50.0 - 100	50.0 - 100
Toxaphene				ND	ND	ND	EPA 608	0.5	0.08	0.5
Trichloroethylene				ND	ND	ND	EPA 624	2	0.13 - 0.32	0.50
Vinyl chloride				ND	ND	ND	EPA 624	2	0.12 - 0.37	0.50
Zinc		114		89.4	101	114	EPA 200.8	1	0.22 - 0.44	1.00

Whittier Narrows WRP Effluent Monitoring

Whittier Narrows Water Reclamation Plant
2014 EFF-001A Monitoring Results

Parameter	Units	January	February	March	April	May	June	July	August	September
1,1-Dichloroethane	ug/L		ND		ND		ND		ND	
1,1-Dichloroethylene	ug/L		ND		ND		ND		ND	
1,1,1-Trichloroethane	ug/L		ND		ND		ND		ND	
1,1,2-Trichloroethane	ug/L		ND		ND		ND		ND	
1,1,2,2-Tetrachloroethane	ug/L		ND		ND		ND		ND	
1,2-Dichlorobenzene	ug/L		ND		ND		ND		ND	
1,2-Dichloroethane	ug/L		ND		ND		ND		ND	
1,2-Dichloropropane	ug/L		ND		ND		ND		ND	
1,2-Diphenylhydrazine	ug/L		ND						ND	
1,2-trans-Dichloroethylene	ug/L		ND		ND		ND		ND	
1,2,3-Trichloropropane	ug/L		ND						ND	
1,2,3,4,6,7,8-HeptaCDD	pg/L		ND						DNQ Est. Conc. 1.6	
1,2,3,4,6,7,8-HeptaCDF	pg/L		DNQ Est. Conc. 1.6						DNQ Est. Conc. 1.3	
1,2,3,4,7,8-HexaCDD	pg/L		ND						ND	
1,2,3,4,7,8-HexaCDF	pg/L		DNQ Est. Conc. 1.1						ND	
1,2,3,4,7,8,9-HeptaCDF	pg/L		ND						ND	
1,2,3,6,7,8-HexaCDD	pg/L		ND						ND	
1,2,3,6,7,8-HexaCDF	pg/L		ND						ND	
1,2,3,7,8-PentaCDD	pg/L		ND						ND	
1,2,3,7,8-PentaCDF	pg/L		ND						ND	
1,2,3,7,8,9-HexaCDD	pg/L		ND						ND	
1,2,3,7,8,9-HexaCDF	pg/L		ND						ND	
1,2,4-Trichlorobenzene	ug/L		ND		ND		23.7	ND	ND	
1,3-Dichlorobenzene	ug/L		ND		ND		ND		ND	
1,3-Dichloropropene	ug/L		ND		ND		ND		ND	
1,4-Dichlorobenzene	ug/L		ND		ND		ND		ND	
1,4-Dioxane	ug/L		0.87						0.80	
2-Chloroethyl vinyl ether	ug/L		ND		ND		ND		ND	
2-Chloronaphthalene	ug/L		ND						ND	
2-Chlorophenol	ug/L		ND						ND	
2-Methyl-4,6-dinitrophenol	ug/L		ND						ND	
2-Nitrophenol	ug/L		ND						ND	
2,3,4,6,7,8-HexaCDF	pg/L		ND						ND	
2,3,4,7,8-PentaCDF	pg/L		ND						ND	
2,3,7,8-TCDD	pg/L		ND						ND	
2,3,7,8-TetraCDF	pg/L		DNQ Est. Conc. 5.0						DNQ Est. Conc. 2.7	
2,4-Dichlorophenol	ug/L		ND						ND	
2,4-Dimethylphenol	ug/L		ND						ND	
2,4-Dinitrophenol	ug/L		ND						ND	
2,4-Dinitrotoluene	ug/L		ND						ND	
2,4,5-TP (Silvex)	ug/L		ND		ND		ND		ND	
2,4,6-Trichlorophenol	ug/L		DNQ Est. Conc. 0.18		ND		ND	DNQ Est. Conc. 0.14	ND	
2,4'-D	ug/L		0.52		ND		ND		ND	
2,6-Dinitrotoluene	ug/L		ND						ND	
3-Methyl-4-chlorophenol	ug/L		ND						ND	
3,3'-Dichlorobenzidine	ug/L		ND						ND	
4-Bromophenyl phenyl ether	ug/L		ND						ND	
4-Chlorophenyl phenyl ether	ug/L		ND						ND	
4-Nitrophenol	ug/L		ND						ND	
4,4'-DDD	ug/L		ND		ND		ND		ND	
4,4'-DDE	ug/L		ND		ND		ND		ND	
4,4'-DDT	ug/L		ND		ND		ND		ND	
Acenaphthene	ug/L		ND						ND	
Acenaphthylene	ug/L		ND						ND	
Acrolein	ug/L		ND						ND	
Acrylonitrile	ug/L		ND						ND	
Aldrin	ug/L		ND		ND		ND		ND	
alpha-BHC	ug/L		ND		ND		DNQ Est. Conc. 0.007		ND	
alpha-Endosulfan	ug/L		ND						ND	
Ammonia nitrogen	mg/L	0.411	0.408	0.276	0.902	0.138	0.363	0.274	0.329	0.343
Anthracene	ug/L		ND						ND	
Antimony	ug/L		0.76			0.88			0.82	
Aroclor 1016	ug/L		ND		ND		ND		ND	
Aroclor 1221	ug/L		ND		ND		ND		ND	
Aroclor 1232	ug/L		ND		ND		ND		ND	
Aroclor 1242	ug/L		ND		ND		ND		ND	
Aroclor 1248	ug/L		ND		ND		ND		ND	
Aroclor 1254	ug/L		ND		ND		ND		ND	
Aroclor 1260	ug/L		ND		ND		ND		ND	
Arsenic	ug/L		1.17			1.04	1.19		1.12	

Whittier Narrows Water Reclamation Plant
2014 EFF-001A Monitoring Results

Parameter	Units	October	November	December	Monthly Average			Limit		Method	ML	MDL	RDL
					Minimum	Average	Maximum	Max Daily	Monthly Average				
1,1-Dichloroethane	ug/L	ND		ND	ND	ND	ND			EPA 624	1	0.07 - 0.20	0.50
1,1-Dichloroethylene	ug/L	ND		ND	ND	ND	ND			EPA 624	2	0.11 - 0.32	0.50
1,1,1-Trichloroethane	ug/L	ND		ND	ND	ND	ND			EPA 624	2	0.07 - 0.21	0.50
1,1,2-Trichloroethane	ug/L	ND		ND	ND	ND	ND			EPA 624	2	0.09 - 0.14	0.50
1,1,2,2-Tetrachloroethane	ug/L	ND		ND	ND	ND	ND			EPA 624	1	0.10 - 0.11	0.50
1,2-Dichlorobenzene	ug/L	ND		ND	ND	ND	ND			EPA 624	2	0.07 - 0.16	0.50
1,2-Dichloroethane	ug/L	ND		ND	ND	ND	ND			EPA 624	2	0.09 - 0.11	0.50
1,2-Dichloropropane	ug/L	ND		ND	ND	ND	ND			EPA 624	1	0.09 - 0.18	0.50
1,2-Diphenylhydrazine	ug/L				ND	ND	ND			EPA 625	1	0.13	1.0
1,2-trans-Dichloroethylene	ug/L	ND		ND	ND	ND	ND			EPA 624	1	0.09 - 0.26	0.50
1,2,3-Trichloropropane	ug/L				ND	ND	ND			EPA 524.2		0.0012	0.0050
1,2,3,4,6,7,8-HeptaCDD	pg/L				ND	ND	DNQ Est. Conc. 1.6			EPA 1613B		0.68 - 0.85	52 - 61
1,2,3,4,6,7,8-HeptaCDF	pg/L				DNQ Est. Conc. 1.3	ND	DNQ Est. Conc. 1.6			EPA 1613B		0.51 - 0.53	52 - 61
1,2,3,4,7,8-HexaCDD	pg/L				ND	ND	ND			EPA 1613B		0.56 - 0.57	52 - 61
1,2,3,4,7,8-HexaCDF	pg/L				ND	ND	DNQ Est. Conc. 1.1			EPA 1613B		0.49 - 0.61	52 - 61
1,2,3,4,7,8,9-HeptaCDF	pg/L				ND	ND	ND			EPA 1613B		0.76 - 0.86	52 - 61
1,2,3,6,7,8-HexaCDD	pg/L				ND	ND	ND			EPA 1613B		0.49	52 - 61
1,2,3,6,7,8-HexaCDF	pg/L				ND	ND	ND			EPA 1613B		0.41 - 0.55	52 - 61
1,2,3,7,8-PentaCDD	pg/L				ND	ND	ND			EPA 1613B		0.63 - 0.85	52 - 61
1,2,3,7,8-PentaCDF	pg/L				ND	ND	ND			EPA 1613B		0.36 - 0.50	52 - 61
1,2,3,7,8,9-HexaCDD	pg/L				ND	ND	ND			EPA 1613B		0.45 - 0.46	52 - 61
1,2,3,7,8,9-HexaCDF	pg/L				ND	ND	ND			EPA 1613B		0.45 - 0.76	52 - 61
1,2,4-Trichlorobenzene	ug/L	ND		ND	ND	3.39	23.7			EPA 625	5	0.17	5.0
1,3-Dichlorobenzene	ug/L	ND		ND	ND	ND	ND			EPA 624	2	0.08 - 0.22	0.50
1,3-Dichloropropene	ug/L	ND		ND	ND	ND	ND			EPA 624	2		0.50
1,4-Dichlorobenzene	ug/L	ND		ND	ND	ND	ND			EPA 624	2	0.07 - 0.16	0.50
1,4-Dioxane	ug/L				0.80	0.84	0.87			SW-846 8270MOD		0.09 - 0.13	0.40
2-Chloroethyl vinyl ether	ug/L	ND		ND	ND	ND	ND			EPA 624	1	0.12 - 0.23	0.50
2-Chloronaphthalene	ug/L				ND	ND	ND			EPA 625	10	0.16	10.0
2-Chlorophenol	ug/L				ND	ND	ND			EPA 625	5	0.15	5.0
2-Methyl-4,6-dinitrophenol	ug/L				ND	ND	ND			EPA 625	5	1.3	5.0
2-Nitrophenol	ug/L				ND	ND	ND			EPA 625	10	0.20	10.0
2,3,4,6,7,8-HexaCDF	pg/L				ND	ND	ND			EPA 1613B		0.40 - 0.59	52 - 61
2,3,4,7,8-PentaCDF	pg/L				ND	ND	ND			EPA 1613B		0.41 - 0.55	52 - 61
2,3,7,8-TCDD	pg/L				ND	ND	ND			EPA 1613B		0.68 - 2.8	10 - 12
2,3,7,8-TetraCDF	pg/L				DNQ Est. Conc. 2.7	ND	DNQ Est. Conc. 5.0			EPA 1613B		0.30 - 0.46	10 - 12
2,4-Dichlorophenol	ug/L				ND	ND	ND			EPA 625	5	0.15	5.0
2,4-Dimethylphenol	ug/L				ND	ND	ND			EPA 625	2	0.11	2.0
2,4-Dinitrophenol	ug/L				ND	ND	ND			EPA 625	5	1.7	5.0
2,4-Dinitrotoluene	ug/L				ND	ND	ND			EPA 625	5	0.20	5.0
2,4,5-TP (Silvex)	ug/L	ND		ND	ND	ND	ND			SW-846 8151A		0.17 - 0.19	0.50 - 0.55
2,4,6-Trichlorophenol	ug/L	ND		ND	ND	ND	DNQ Est. Conc. 0.18			EPA 625	10	0.12	10.0
2,4'-D	ug/L	ND		ND	ND	0.087	0.52			SW-846 8151A		0.21 - 0.23	0.50 - 0.55
2,6-Dinitrotoluene	ug/L				ND	ND	ND			EPA 625	5	0.22	5.0
3-Methyl-4-chlorophenol	ug/L				ND	ND	ND			EPA 625	1	0.13	1.0
3,3'-Dichlorobenzidine	ug/L				ND	ND	ND			EPA 625	5	1.2	5.0
4-Bromophenyl phenyl ether	ug/L				ND	ND	ND			EPA 625	5	0.21	5.0
4-Chlorophenyl phenyl ether	ug/L				ND	ND	ND			EPA 625	5	0.17	5.0
4-Nitrophenol	ug/L				ND	ND	ND			EPA 625	10	1.4	10.0
4,4'-DDD	ug/L	ND		ND	ND	ND	ND			EPA 608	0.05	0.001 - 0.002	0.01
4,4'-DDE	ug/L	ND		ND	ND	ND	ND			EPA 608	0.05	0.001 - 0.002	0.01
4,4'-DDT	ug/L	ND		ND	ND	ND	ND			EPA 608	0.01	0.001 - 0.003	0.01
Acenaphthene	ug/L				ND	ND	ND			EPA 625	1	0.15	1.0
Acenaphthylene	ug/L				ND	ND	ND			EPA 625	10	0.14	10.0
Acrolein	ug/L				ND	ND	ND			EPA 624		1.4 - 1.6	2.0
Acrylonitrile	ug/L				ND	ND	ND			EPA 624		0.31 - 0.92	2.0
Aldrin	ug/L	ND		ND	ND	ND	ND			EPA 608	0.005	0.0009 - 0.002	0.005
alpha-BHC	ug/L	ND		ND	ND	ND	DNQ Est. Conc. 0.007			EPA 608	0.01	0.001 - 0.002	0.01
alpha-Endosulfan	ug/L				ND	ND	ND			EPA 608	0.02	0.001	0.01
Ammonia nitrogen	mg/L	0.298	0.254	0.265	0.138	0.355	0.902	5.7(1)/9.2(2)/4.3(5)	3.3(1)/4.0(2)/2.1(5)	SM 4500 NH3 G		0.01 - 0.020	0.100
Anthracene	ug/L				ND	ND	ND			EPA 625	10	0.18	10.0
Antimony	ug/L		0.86		0.76	0.83	0.88			EPA 200.8	0.5	0.05 - 0.13	0.50
Aroclor 1016	ug/L	ND		ND	ND	ND	ND			EPA 608	0.5	0.02 - 0.04	0.1
Aroclor 1221	ug/L	ND		ND	ND	ND	ND			EPA 608	0.5	0.2	0.5
Aroclor 1232	ug/L	ND		ND	ND	ND	ND			EPA 608	0.5	0.09 - 0.2	0.3
Aroclor 1242	ug/L	ND		ND	ND	ND	ND			EPA 608	0.5	0.02 - 0.08	0.1
Aroclor 1248	ug/L	ND		ND	ND	ND	ND			EPA 608	0.5	0.02 - 0.04	0.1
Aroclor 1254	ug/L	ND		ND	ND	ND	ND			EPA 608	0.5	0.01 - 0.03	0.05
Aroclor 1260	ug/L	ND		ND	ND	ND	ND			EPA 608	0.5	0.01 - 0.05	0.1
Arsenic	ug/L		1.23	1.32	1.04	1.18	1.32			EPA 200.8	2	0.06 - 0.16	0.40 - 1.00

Whittier Narrows Water Reclamation Plant
2014 EFF-001A Monitoring Results

Parameter	Units	January	February	March	April	May	June	July	August	September
Barium	ug/L		50.8			49.0	39.1		37.8	
Benzene	ug/L		ND		ND		ND		ND	
Benzidine	ug/L		ND		ND		ND	ND	ND	
Benzo(a)anthracene	ug/L		ND						ND	
Benzo(a)pyrene	ug/L		ND						ND	
Benzo(b)fluoranthene	ug/L		ND						ND	
Benzo(g,h,i)perylene	ug/L		ND						ND	
Benzo(k)fluoranthene	ug/L		ND						ND	
Beryllium	ug/L		ND			ND			ND	
beta-BHC	ug/L		ND		ND		ND		ND	
beta-Endosulfan	ug/L		ND						ND	
bis(2-Chloroethoxy) methane	ug/L		ND						ND	
bis(2-Chloroethyl) ether	ug/L		ND						ND	
bis(2-Chloroisopropyl) ether	ug/L		ND						ND	
bis(2-Ethylhexyl) phthalate	ug/L		ND		DNQ Est. Conc. 0.29		DNQ Est. Conc. 0.31	DNQ Est. Conc. 0.31	ND	
BOD	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
Boron	mg/L	0.22	0.26	0.27	0.28	0.28	0.25	0.26	0.27	0.27
Bromodichloromethane	ug/L		3.6		2.0		2.0		2.4	
Bromoform	ug/L		ND		ND		ND		ND	
Butyl benzyl phthalate	ug/L		ND						ND	
Cadmium	ug/L	DNQ Est. Conc. 0.047	DNQ Est. Conc. 0.15	ND	ND	ND	DNQ Est. Conc. 0.10	ND	ND	ND
Carbon tetrachloride	ug/L		ND		ND		ND		ND	
Chloride	mg/L	113	117	117	115	114	112	115	116	113
Chlorobenzene	ug/L		ND		ND		ND		ND	
Chloroethane	ug/L		ND		ND		ND		ND	
Chloroform	ug/L		12.8		7.3		7.0		6.4	
Chromium III	ug/L		1.11			0.72	0.91		1.10	
Chromium VI	ug/L		ND			0.31	0.09		0.11	
Chromium, total	ug/L		1.11			1.03	1.01		1.21	
Chromium, total (24-hr Composite)	mg/L		0.00128				0.00104		0.00130	
Chrysene	ug/L		ND						ND	
Copper	ug/L	3.71	4.37	3.71	3.47	3.88	3.13	3.30	3.29	3.59
Cyanide, total	ug/L		ND			ND	ND		DNQ Est. Conc. 1.99	
delta-BHC	ug/L		ND		ND		ND		ND	
Di-n-butyl phthalate	ug/L		ND						ND	
Di-n-octyl phthalate	ug/L		ND						ND	
Dibenzo(a,h)anthracene	ug/L		ND						ND	
Dibromochloromethane	ug/L		0.63		DNQ Est. Conc. 0.28		DNQ Est. Conc. 0.33		DNQ Est. Conc. 0.42	
Dieldrin	ug/L		ND		ND		ND		ND	
Diethyl phthalate	ug/L		ND						DNQ Est. Conc. 0.25	
Dimethyl phthalate	ug/L		ND						ND	
Dissolved oxygen	mg/L	6.2	6.6	6.8	6.0	5.8	6.2	6.4	5.6	5.6
E. coli	No./100mL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan sulfate	ug/L		ND						ND	
Endrin aldehyde	ug/L		ND						ND	
Endrin	ug/L		ND		ND		ND		ND	
Ethylbenzene	ug/L		ND		ND		ND		ND	
Fecal coliform	No./100mL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	ug/L		ND		ND		ND	ND	ND	
Fluorene	ug/L		ND		ND		ND	ND	ND	
Fluoride	mg/L	0.727	0.707	0.727	0.738	0.737	0.762	0.747	0.659	0.680
gamma-BHC	ug/L		ND		ND		ND		ND	
Gross alpha radioactivity	pCi/L		1.43				3.29		ND	
Gross beta radioactivity	pCi/L		6.41				5.84		12.3	
Heptachlor epoxide	ug/L		ND		ND		ND		ND	
Heptachlor	ug/L		ND		ND		ND		ND	
Hexachlorobenzene	ug/L		ND						ND	
Hexachlorobutadiene	ug/L		ND						ND	
Hexachlorocyclopentadiene	ug/L		ND						ND	
Hexachloroethane	ug/L		ND						ND	
Indeno (1,2,3-cd) pyrene	ug/L		ND						ND	
Iron	ug/L		29.8				29.8		29.4	
Isophorone	ug/L		ND						ND	
Lead	ug/L	DNQ Est. Conc. 0.16	DNQ Est. Conc. 0.20	DNQ Est. Conc. 0.19	DNQ Est. Conc. 0.16	DNQ Est. Conc. 0.19	DNQ Est. Conc. 0.21	DNQ Est. Conc. 0.18	DNQ Est. Conc. 0.23	DNQ Est. Conc. 0.22
Mercury	ug/L	0.0015	0.00088	0.0013	0.00097	0.00063	0.00051	0.00079	0.0012	0.0024
Methoxychlor	ug/L		ND		ND		ND		ND	
Methyl bromide (bromomethane)	ug/L		ND		ND		ND		ND	
Methyl chloride (chloromethane)	ug/L		ND		ND		ND		ND	
Methyl tert-butyl ether	ug/L		ND						ND	
Methylene chloride	ug/L		ND		ND		ND		ND	

Whittier Narrows Water Reclamation Plant
2014 EFF-001A Monitoring Results

Parameter	Units	October	November	December	Monthly Average			Limit		Method	ML	MDL	RDL
					Minimum	Average	Maximum	Max Daily	Monthly Average				
Barium	ug/L		36.1	48.2	36.1	43.5	50.8			EPA 200.8		0.03 - 0.07	0.20 - 0.50
Benzene	ug/L	ND		ND	ND	ND	ND			EPA 624	2	0.10 - 0.24	0.50
Benzidine	ug/L	ND		ND	ND	ND	ND			EPA 625	5	1.7	5.0
Benzo(a)anthracene	ug/L				ND	ND	ND			EPA 625	5	0.19	5.0
Benzo(a)pyrene	ug/L				ND	ND	ND			EPA 610	10	0.007	0.020
Benzo(b)fluoranthene	ug/L				ND	ND	ND			EPA 610	10	0.004	0.020
Benzo(g,h,i)perylene	ug/L				ND	ND	ND			EPA 625	5	0.19	5.0
Benzo(k)fluoranthene	ug/L				ND	ND	ND			EPA 610	10	0.005	0.020
Beryllium	ug/L		ND		ND	ND	ND			EPA 200.8	0.5	0.010 - 0.040	0.25
beta-BHC	ug/L	ND		ND	ND	ND	ND			EPA 608	0.005	0.002 - 0.003	0.005
beta-Endosulfan	ug/L				ND	ND	ND			EPA 608	0.01	0.001	0.01
bis(2-Chloroethoxy) methane	ug/L				ND	ND	ND			EPA 625	5	0.13	5.0
bis(2-Chloroethyl) ether	ug/L				ND	ND	ND			EPA 625	1	0.19	1.0
bis(2-Chloroisopropyl) ether	ug/L				ND	ND	ND			EPA 625	2	0.16	2.0
bis(2-Ethylhexyl) phthalate	ug/L	ND		ND	ND	ND	DNQ Est. Conc. 0.31			EPA 625	5	0.25	2.0
BOD	mg/L	ND	ND	ND	ND	ND	ND	45	20	SM 5210B		0.6	2.0 - 3.0
Boron	mg/L	0.27	0.26	0.27	0.22	0.26	0.28		1 (4)	EPA 200.8		0.002 - 0.005	0.020
Bromodichloromethane	ug/L	3.0		3.9	2.0	2.8	3.9			EPA 624	2	0.08 - 0.17	0.50
Bromoform	ug/L	ND		ND	ND	ND	ND			EPA 624	2	0.11 - 0.17	0.50
Butyl benzyl phthalate	ug/L				ND	ND	ND			EPA 625	10	0.16	10.0
Cadmium	ug/L	ND	DNQ Est. Conc. 0.13	DNQ Est. Conc. 0.049	ND	ND	DNQ Est. Conc. 0.15	3.5 (3) (5)	1.2 (3) (5)	EPA 200.8	0.25	0.028 - 0.070	0.080 - 0.20
Carbon tetrachloride	ug/L	ND		ND	ND	ND	ND			EPA 624	2	0.07 - 0.28	0.50
Chloride	mg/L	124	117	112	112	115	124		180	EPA 300.0		0.200 - 0.600	4.00 - 10.0
Chlorobenzene	ug/L	ND		ND	ND	ND	ND			EPA 624	2	0.08 - 0.17	0.50
Chloroethane	ug/L	ND		ND	ND	ND	ND			EPA 624	2	0.13 - 0.22	0.50
Chloroform	ug/L	8.6		9.9	6.4	8.7	12.8			EPA 624	2	0.09 - 0.18	0.50
Chromium III	ug/L		1.03	0.88	0.72	0.96	1.11			EPA 200.8			0.50
Chromium VI	ug/L		0.09	0.08	ND	0.1	0.31			EPA 218.6 (Diss.)		0.0048 - 0.02	0.05 - 0.30
Chromium, total	ug/L		1.12	0.96	0.96	1.1	1.21			EPA 200.8	0.5	0.04 - 0.07	0.50
Chromium, total (24-hr Composite)	mg/L			0.00104	0.00104	0.00116	0.00130			EPA 200.8	0.0005	0.00007	0.00050
Chrysene	ug/L				0.00128	ND	0.00128			EPA 610	10	0.005	0.020
Copper	ug/L	2.90	4.65	4.58	2.90	3.72	4.65	17 (3) (5)	14 (3) (5)	EPA 200.8	0.5	0.02 - 0.08	0.20 - 0.50
Cyanide, total	ug/L		ND	ND	ND	ND	DNQ Est. Conc. 1.99			SM 4500 CN E	5	1.00	5.00
delta-BHC	ug/L	ND		ND	ND	ND	ND			EPA 608	0.005	0.003 - 0.004	0.005
Di-n-butyl phthalate	ug/L				ND	ND	ND			EPA 625	10	0.16	10.0
Di-n-octyl phthalate	ug/L				ND	ND	ND			EPA 625	10	0.16	10.0
Dibenzo(a,h)anthracene	ug/L				ND	ND	ND			EPA 610	10	0.004	0.020
Dibromochloromethane	ug/L	DNQ Est. Conc. 0.30		0.73	DNQ Est. Conc. 0.28	0.23	0.73			EPA 624	2	0.07 - 0.14	0.50
Dieldrin	ug/L	ND		ND	ND	ND	ND			EPA 608	0.01	0.001	0.01
Diethyl phthalate	ug/L				ND	ND	DNQ Est. Conc. 0.25			EPA 625	2	0.21	2.0
Dimethyl phthalate	ug/L				ND	ND	ND			EPA 625	2	0.19	2.0
Dissolved oxygen	mg/L	6.2	6.6	7.0	5.6	6.3	7.0			SM 4500 O G		0.1	1.0
E. coli	No./100mL	ND	ND	ND	ND	ND	ND			SM 9222D/SM 9223		1 - 1.1	1 - 1.1
Endosulfan sulfate	ug/L				ND	ND	ND			EPA 608	0.05	0.009	0.01
Endrin aldehyde	ug/L				ND	ND	ND			EPA 608	0.01	0.002	0.01
Endrin	ug/L	ND		ND	ND	ND	ND			EPA 608	0.01	0.001 - 0.002	0.01
Ethylbenzene	ug/L	ND		ND	ND	ND	ND			EPA 624	2	0.06 - 0.18	0.50
Fecal coliform	No./100mL	ND	ND	ND	ND	ND	ND			SM 9222D		1	1
Fluoranthene	ug/L	ND		ND	ND	ND	ND			EPA 625	1	0.19	1.0
Fluorene	ug/L	ND		ND	ND	ND	ND			EPA 625	10	0.18	10.0
Fluoride	mg/L	0.665	0.635	0.662	0.635	0.704	0.762			SM 4500 F C		0.003 - 0.004	0.100
gamma-BHC	ug/L	ND		ND	ND	ND	ND			EPA 608	0.02	0.0009 - 0.001	0.01
Gross alpha radioactivity	pCi/L			2.32	ND	1.76	3.29			EPA 900.0		1.23 - 3.19	1.23 - 3.19
Gross beta radioactivity	pCi/L			3.74	3.74	7.07	12.3			EPA 900.0		1.13 - 2.13	1.13 - 2.13
Heptachlor epoxide	ug/L	ND		ND	ND	ND	ND			EPA 608	0.01	0.001	0.01
Heptachlor	ug/L	ND		ND	ND	ND	ND			EPA 608	0.01	0.0008 - 0.001	0.01
Hexachlorobenzene	ug/L				ND	ND	ND			EPA 625	1	0.18	1.0
Hexachlorobutadiene	ug/L				ND	ND	ND			EPA 625	1	0.14	1.0
Hexachlorocyclopentadiene	ug/L				ND	ND	ND			EPA 625	5	0.75	5.0
Hexachloroethane	ug/L				ND	ND	ND			EPA 625	1	0.14	1.0
Indeno (1,2,3-cd) pyrene	ug/L				ND	ND	ND			EPA 610	10	0.004	0.020
Iron	ug/L			23.8	23.8	28.2	29.8		300	EPA 200.8		1.2 - 5.0	8.0 - 20.0
Isophorone	ug/L				ND	ND	ND			EPA 625	1	0.13	1.0
Lead	ug/L	DNQ Est. Conc. 0.20	0.25	0.16	DNQ Est. Conc. 0.16	0.034	0.25	10.1 (4) / 11.5 (5)	5.5 (4) / 6.2 (5)	EPA 200.8	0.5	0.01 - 0.03	0.10 - 0.25
Mercury	ug/L	0.0048	0.0018	0.0010	0.00051	0.0015	0.0048	0.1 (6)	0.05 (6)	EPA 1631	0.5	0.00011	0.00020
Methoxychlor	ug/L	ND		ND	ND	ND	ND			EPA 608		0.001	0.01
Methyl bromide (bromomethane)	ug/L	ND		ND	ND	ND	ND			EPA 624	2	0.30 - 0.34	0.50
Methyl chloride (chloromethane)	ug/L	ND		ND	ND	ND	ND			EPA 624	2	0.06 - 0.27	0.50
Methyl tert-butyl ether	ug/L				ND	ND	ND			EPA 624		0.16 - 0.21	0.50
Methylene chloride	ug/L	ND		ND	ND	ND	ND			EPA 624	2	0.18 - 0.27	0.50

Whittier Narrows Water Reclamation Plant
2014 EFF-001A Monitoring Results

Parameter	Units	January	February	March	April	May	June	July	August	September
n-Nitrosodi-n-propylamine	ug/L		ND						ND	
n-Nitrosodimethylamine (NDMA)	ug/L	0.0050	0.034	0.0071	0.021	0.014	0.0022	0.027	0.030	0.030
n-Nitrosodiphenylamine	ug/L		ND						ND	
Naphthalene	ug/L		ND						ND	
Nickel	ug/L		5.82			7.94	20.3		6.99	
Nitrate + nitrite as nitrogen	mg/L	7.87	7.81	6.44	6.73	6.87	7.03	6.78	7.97	7.28
Nitrate nitrogen	mg/L	7.83	7.72	6.25	6.65	6.72	6.98	6.73	7.93	7.23
Nitrite nitrogen	mg/L	0.033	0.089	0.193	0.080	0.146	0.054	0.046	0.043	0.052
Nitrobenzene	ug/L		ND						ND	
OctaCDD	pg/L		DNQ Est. Conc. 5.8						DNQ Est. Conc. 7.7	
OctaCDF	pg/L		DNQ Est. Conc. 6.4						DNQ Est. Conc. 2.9	
Oil and grease	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
Organic nitrogen	mg/L	0.619	0.612	1.07	0.728	0.299	0.444	0.726	0.462	0.521
Pentachlorophenol	ug/L		ND		ND		ND	ND	ND	
Perchlorate	ug/L		0.40						0.64	
Phenanthrene	ug/L		ND		ND		ND	ND	ND	
Phenol	ug/L		ND		DNQ Est. Conc. 0.18		DNQ Est. Conc. 0.28	DNQ Est. Conc. 0.17	DNQ Est. Conc. 0.28	
pH	SU	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
Polychlorinated biphenyls (PCBs)	ug/L		ND		ND		ND		ND	
Pyrene	ug/L		ND						ND	
Selenium	ug/L		DNQ Est. Conc. 0.54			DNQ Est. Conc. 0.50	DNQ Est. Conc. 0.50		DNQ Est. Conc. 0.44	
Settleable solids	mL/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	ug/L		ND			ND	ND		ND	
Strontium-90	pCi/L		ND				0.397		ND	
Sulfate	mg/L	117	114	123	117	125	110	123	137	117
Surfactant (CTAS)	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
Surfactant (MBAS)	mg/L	ND	ND	ND	ND	0.10	ND	ND	ND	0.13
Technical chlordane	ug/L		ND						ND	
Temperature	Degrees F	73.8	74.4	75.8	77.6	80.6	82.7	84.9	85.2	85.5
Tetrachloroethylene	ug/L		ND		ND		ND		ND	
Thallium	ug/L		ND			ND			ND	
Toluene	ug/L		0.74		ND		DNQ Est. Conc. 0.41		DNQ Est. Conc. 0.09	
Total chlorinated hydrocarbons (TICH)	mg/L		ND			ND			ND	
Total coliform	No./100mL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total dissolved solids	mg/L	610	594	592	564	598	582	578	602	584
Total hardness	mg/L	206	211	216	215	208	220	210	209	218
Total nitrogen	mg/L	9.43	9.81	7.79	8.36	7.31	7.84	7.78	8.76	8.14
Total residual chlorine	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total trihalomethanes	ug/L		17.0		9.3		9.0		8.8	
Total suspended solids	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene	ug/L		ND		ND		ND		ND	
Toxic equivalence	ug/L		ND						ND	
Trichloroethylene	ug/L		ND		ND		ND		ND	
Tritium	pCi/L		ND				ND		ND	
Turbidity (flow proportioned avg daily value)	NTU	0.39	0.36	0.36	0.39	0.43	0.36	0.37	0.33	0.33
Uranium	pCi/L		0.700				0.569		0.146	
Vinyl chloride	ug/L		ND		ND		ND		ND	
Zinc	ug/L	51.7	60.5	55.5	57.0	52.9	51.8	45.7	41.4	44.4

Whittier Narrows Water Reclamation Plant
2014 EFF-001A Monitoring Results

Parameter	Units	October	November	December	Monthly Average			Limit		Method	ML	MDL	RDL
					Minimum	Average	Maximum	Max Daily	Monthly Average				
n-Nitrosodi-n-propylamine	ug/L				ND	ND	ND			EPA 625	5	0.12	5.0
n-Nitrosodimethylamine (NDMA)	ug/L	0.018	0.083	0.012	0.0022	0.024	0.083			EPA 1625 (Mod.)	5	0.0005	0.0020
n-Nitrosodiphenylamine	ug/L				ND	ND	ND			EPA 625	1	0.15	1.0
Naphthalene	ug/L				ND	ND	ND			EPA 625	1	0.18	1.0
Nickel	ug/L		3.93	5.98	3.93	8.49	20.3			EPA 200.8	1	0.04 - 0.13	0.40 - 1.00
Nitrate + nitrite as nitrogen	mg/L	7.32	7.94	7.94	6.44	7.33	7.97		8	SM 4500 NO3 F		0.030	0.200
Nitrate nitrogen	mg/L	7.28	7.88	7.83	6.25	7.25	7.93		8	SM 4500 NO3 F		0.030	0.200
Nitrite nitrogen	mg/L	0.042	0.062	0.110	0.033	0.079	0.193		1	SM 4500 NO3 F		0.003	0.030
Nitrobenzene	ug/L				ND	ND	ND			EPA 625	1	0.22	1.0
OctaCDD	pg/L				DNQ Est. Conc. 5.8	ND	DNQ Est. Conc. 7.7			EPA 1613B		0.74 - 1.3	100 - 120
OctaCDF	pg/L				DNQ Est. Conc. 2.9	ND	DNQ Est. Conc. 6.4			EPA 1613B		0.92 - 0.99	100 - 120
Oil and grease	mg/L	ND	ND	ND	ND	ND	ND	15	10	EPA 1664A		0.8 - 0.9	4.3 - 4.7
Organic nitrogen	mg/L	ND	0.307	0.925	ND	0.559	1.07			EPA 351.2		0.135	0.200
Pentachlorophenol	ug/L	ND		ND	ND	ND	ND			EPA 625	5	0.38	1.0
Perchlorate	ug/L				0.40	0.52	0.64		6	EPA 331.0		0.0201	0.05
Phenanthrene	ug/L	ND		ND	ND	ND	ND			EPA 625	5	0.19	5.0
Phenol	ug/L	ND		ND	ND	ND	DNQ Est. Conc. 0.28			EPA 625	1	0.14	1.0
pH	SU	7.4	7.4	7.4	7.4	7.4	7.4			SM 4500 H+ B		1.00	1.00 - 4.00
Polychlorinated biphenyls (PCBs)	ug/L	ND		ND	ND	ND	ND			EPA 608			
Pyrene	ug/L				ND	ND	ND			EPA 625	10	0.19	10.0
Selenium	ug/L		DNQ Est. Conc. 0.49	0.55	DNQ Est. Conc. 0.44	0.092	0.55			EPA 200.8	2	0.02 - 0.17	0.40 - 1.00
Settleable solids	mL/L	ND	ND	ND	ND	ND	ND	0.3	0.1	SM 2540F		0.1	0.1
Silver	ug/L		ND	DNQ Est. Conc. 0.01	ND	ND	DNQ Est. Conc. 0.01			EPA 200.8	0.25	0.01 - 0.03	0.08 - 0.20
Strontium-90	pCi/L			ND	ND	0.0993	0.397		8	EPA 905.0		0.480 - 0.682	0.480 - 0.682
Sulfate	mg/L	136	129	116	110	122	137		300	EPA 300.0		0.240 - 0.920	1.00 - 2.50
Surfactant (CTAS)	mg/L	ND	ND	ND	ND	ND	ND			SM 5540D		0.023 - 0.10	0.10 - 0.20
Surfactant (MBAS)	mg/L	ND	0.21	0.10	ND	0.045	0.21		0.5	SM 5540C		0.03	0.10
Technical chlordane	ug/L				ND	ND	ND			EPA 608	0.1	0.01	0.05
Temperature	Degrees F	83.3	79.3	75.9	73.8	79.9	85.5	86		EPA 170.1 (oF)			
Tetrachloroethylene	ug/L	ND		ND	ND	ND	ND			EPA 624	2	0.12 - 0.35	0.50
Thallium	ug/L		ND		ND	ND	ND			EPA 200.8	1	0.020	0.25
Toluene	ug/L	ND		ND	ND	0.1	0.74			EPA 624	2	0.06 - 0.19	0.50
Total chlorinated hydrocarbons (TICH)	mg/L		ND		ND	ND	ND			EPA 608			
Total coliform	No./100mL	ND	ND	ND	ND	ND	ND	23		SM9221B/SM9222B		1 - 1.8	1 - 1.8
Total dissolved solids	mg/L	636	616	622	564	598	636		750	SM 2540C		5.4 - 6.7	50.0 - 62.5
Total hardness	mg/L	219	223	211	206	214	223			EPA200.8/SM2340C			0.05 - 10
Total nitrogen	mg/L	7.65	8.65	9.13	7.31	8.39	9.81			Tot. Nitrogen Calculation			0.200
Total residual chlorine	mg/L	ND	ND	ND	ND	ND	ND	0.1		SM 4500 Cl C		0.05	0.05
Total trihalomethanes	ug/L	12.8		14.5	8.8	11.9	17.0			EPA 624			0.05
Total suspended solids	mg/L	ND	ND	ND	ND	ND	ND	45	15	SM 2540D		2.5	2.5
Toxaphene	ug/L	ND		ND	ND	ND	ND			EPA 608	0.5	0.04 - 0.08	0.5
Toxic equivalence	ug/L				ND	ND	ND			EPA 1613B			
Trichloroethylene	ug/L	ND		ND	ND	ND	ND			EPA 624	2	0.11 - 0.32	0.50
Tritium	pCi/L			ND	ND	ND	ND		20000	EPA 906.0		434	434
Turbidity (flow proportioned avg daily value)	NTU	0.35	0.43	0.41	0.33	0.38	0.43	2		SM 2130B		0.12	0.12
Uranium	pCi/L			0.455	0.146	0.468	0.700			EPA 908.0		0.300	0.300
Vinyl chloride	ug/L	ND		ND	ND	ND	ND			EPA 624	2	0.12 - 0.37	0.50
Zinc	ug/L	47.6	54.9	58.2	41.4	51.8	60.5	159 (3) (5)	95 (3) (5)	EPA 200.8	1	0.18 - 0.44	0.40 - 1.00

(1) The Ammonia Nitrogen effluent limitations apply to Discharge Point 001 that flow into San Gabriel River. ELS Present seasonal limits are from April 1 through September 30.

(2) The Ammonia Nitrogen effluent limitations apply to Discharge Point 001 that flow into San Gabriel River. ELS Absent seasonal limits are from October 1 through March 31.

(3) Wet weather effluent limits apply when the maximum daily flow measured at the Los Angeles River Wardlow station is equal to or greater than 500 cubic feet per second.

(4) Effluent limits apply to Discharge Point 001 that flows into San Gabriel River.

(5) Effluent limits apply to Discharge Points 002, 003, and 004 that flow into Rio Hondo.

(6) Mercury effluent limits do not apply to Discharge Point 004 (Rio Hondo) because the discharge does not show reasonable potential to exceed the criteria.

(7) Number of Coliforms may not exceed 23/100 mL in more than one sample during any 30-day period.