THE CITY OF SAN DIEGO

North City Water Reclamation Plant

Annual Monitoring Report 2005

(SDRWQCB Order Number 97-03)

Certified
ISO 14001

Environmental Monitoring and Technical Services
Metropolitan Wastewater Department
4918 N. Harbor Drive Mail Station 45A San Diego, CA 92106
Tel (619) 758-2310 Fax (619) 758-2309

January 30, 2006

Mr. John Robertus, Executive Officer
California Regional Water Quality Control Board,
San Diego Region
9174 Sky Park Court, Suite 100
San Diego, CA 92123

Attn: Ground Water Unit

Dear Mr. Robertus:

Enclosed is the Annual Monitoring report for 2005 for the City of San Diego North City Water Reclamation Plant, as is specified in Monitoring and Reporting Program No. 97-03 for the production and purveyance of reclaimed water.

In addition, results of analyses performed on North City samples, as part of the Metropolitan Wastewater system-wide Quarterly Sludge Project, a portion of the City's Pretreatment Program, have also been included.

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, I certify that the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sincerely,

ALAN C. LANGWORTHY
Deputy Director
Environmental Monitoring & Technical Services Division

ACL/tmb

cc: Scott Tulloch
Robert Ferrier
EPA Region 9
San Diego County Department of Environmental Health,
Hazardous Materials Division
San Diego County Department of Environmental Health,
Land Use Division
Distribution
File

INTRODUCTION:

The purpose of this document is to both meet the requirements of Monitoring and Reporting Program and to provide a reference source and resource tools for both regulatory agencies and City staff and their consultants. To this, end the past year's data is presented in tabular and graphical form. To make this document more useful we have included information on the operational data, background analyses and process control information.

The source point of samples for monitoring and determining compliance for the reclaimed water was changed[1] to the source identified as "N34-REC WATER" from the source point, "N30-DFE" (disinfected final effluent), used in previous years. The N30-DFE and other data are included in this report

Notes on data conventions and analyses:

It should be noted that for averaging purposes "less than" and "not detected" (nd) values were treated as zeros. In many parts of the report zero values are found. Our computer system reads "less than" values as zero for summaries, as well as in computing averages. In those areas where zeros are found the reader can find appropriate Method Detection Limit (MDL) in the table of data. Because "less than" values are averaged as zero a number of the summary table values are lower than the detection limits.

The data tables may also contain values expressed as a <X (less than) with some number X. For example, the Diazinon value for PLE on March 10, 1998 (in the table below) is reported as <2.4 ug/L (see the below table); this indicates that one or more, of two or more, determinations was above the MDL, while the average was below the MDL. This value is still treated as a zero for averaging and other summary calculations. Note also, that sub-totals and totals consisting of multiple analytes (see below) are also reported as "<X", where the "X" value is the highest MDL for the particular group of analytes. This has the same significance as a "ND" or not detected.

Organophosphorus Pesticides

			PLE	PLE	PLE	PLR	PLR	PLR
			10-MAR-1998	27-APR-1998	10-SEP-1998	10-MAR-1998	27-APR-1998	10-SEP-1998
	MDL	Units	0311980006	0428980006	9809107494	0311980007	0428980007	9809107515
Demeton O	1.69	UG/L	ND	ND	ND	ND	ND	ND
Demeton S	1.82	UG/L	ND	ND	ND	ND	ND	ND
Diazinon	2.41	UG/L	<2.4	ND	ND	<2.4	ND	ND
Guthion	7.1	UG/L	ND	ND	ND	ND	ND	ND
Malathion	2.98	UG/L	ND	ND	ND	ND	ND	ND
Parathion	2.83	UG/L	ND	ND	ND	ND	ND	ND
Thiophosphorus Pesticides			<7.1	<7.1	<7.1	<7.1	<7.1	<7.1
Demeton -O, -S			<1.8	<0.2	<0.2	<1.8	<0.2	<0.2
Total Organophosphorus Pesticides			<7.1	<7.1	<7.1	<7.1	<7.1	<7.1

A further limitation, that the user of this data should note, is that confidence in the results of an analysis is heavily dependent upon the concentration relative to the Method Detection Limit (MDL). For the most part our detection limits have been established using the procedure in 40 CFR, part 136. This statistical basis for the MDL results in a defined statistical confidence (at the 99% Confidence Interval) of essentially "100% of the result at or near the MDL. Only at concentrations approximately 5 times the MDL is the confidence interval at "20% relative. While the precision of our methods generally ranges from 2-3 significant figures, the above limitations of confidence should always be considered.

[1] as stipulated in SDRWQCB "Receipt of Monitoring Reports for Order No. 97-03, dated January 11, 2002.

Laboratories Contributing Results used in this report.

Metropolitan Wastewater Chemistry Laboratory
(EPA Lab Code: CA00380,
ELAP Certificate: 1609)
5530 Kiowa Drive
La Mesa, CA 91942
(619)668-3205
All results except those listed below.

Point Loma Wastewater Chemistry Laboratory
(EPA Lab Code: CA01435,
ELAP Certificate: 2474)
1902 Gatchell Road
San Diego, CA 92106
(619)221-8765
Process control analyses and wet methods for the plant.

North City Wastewater Chemistry Laboratory
(EPA Lab Code: CA01436,
ELAP Certificate: 2477)
4949 Eastgate Mall
San Diego, CA 92121
(858)824-6009
Process control analyses and wet methods for the plant.

Metro Biosolids Center Chemistry Laboratory
(EPA Lab Code: CA01437,
ELAP Certificate: 2478)
5240 Convoy Street
San Diego, CA 92111
(858)614-5834
Process control analyses and wet methods for the plant.

City of San Diego - Water Quality Laboratory
(EPA Lab Code: CA00080,
ELAP Certificate: 1058)
5530 Kiowa Drive
La Mesa, CA 91942
(619)668-3237
Total Organic Carbon in Wastewater

City of San Diego - Marine Microbiology and Vector Management (EPA LabCode: CA01393,
ELAP Certificate: 2185)
5530 Kiowa Drive
La Mesa, CA 91942
(619)668-3226
Microbiology

Pacific Analytical, Inc.
(EPA Lab Code: CA00052,
ELAP Certificate: 1466)
6349 Paseo Del Lago
Carlsbad, CA 92009
(760)438-3100
Dioxins/Furans

Truesdail Laboratories, Inc. (EPA Lab Code: CA09469, ELAP Certificate: 1237)
14201 Franklin Ave.
Tustin, CA 92780-7008
(714)730-6239
Gross Alpha/Beta Radioactivity

Graphs:

Graphs of monthly averages show the arithmetic mean of the determinations made in the calendar month without weighting for variation in frequency or number of determinations. If the mean is less than the MDL (i.e. 'nd' or '<*X*'), the expressed graphical value is zero (0).

Terms:

North City Water Reclamation Plant Source Codes

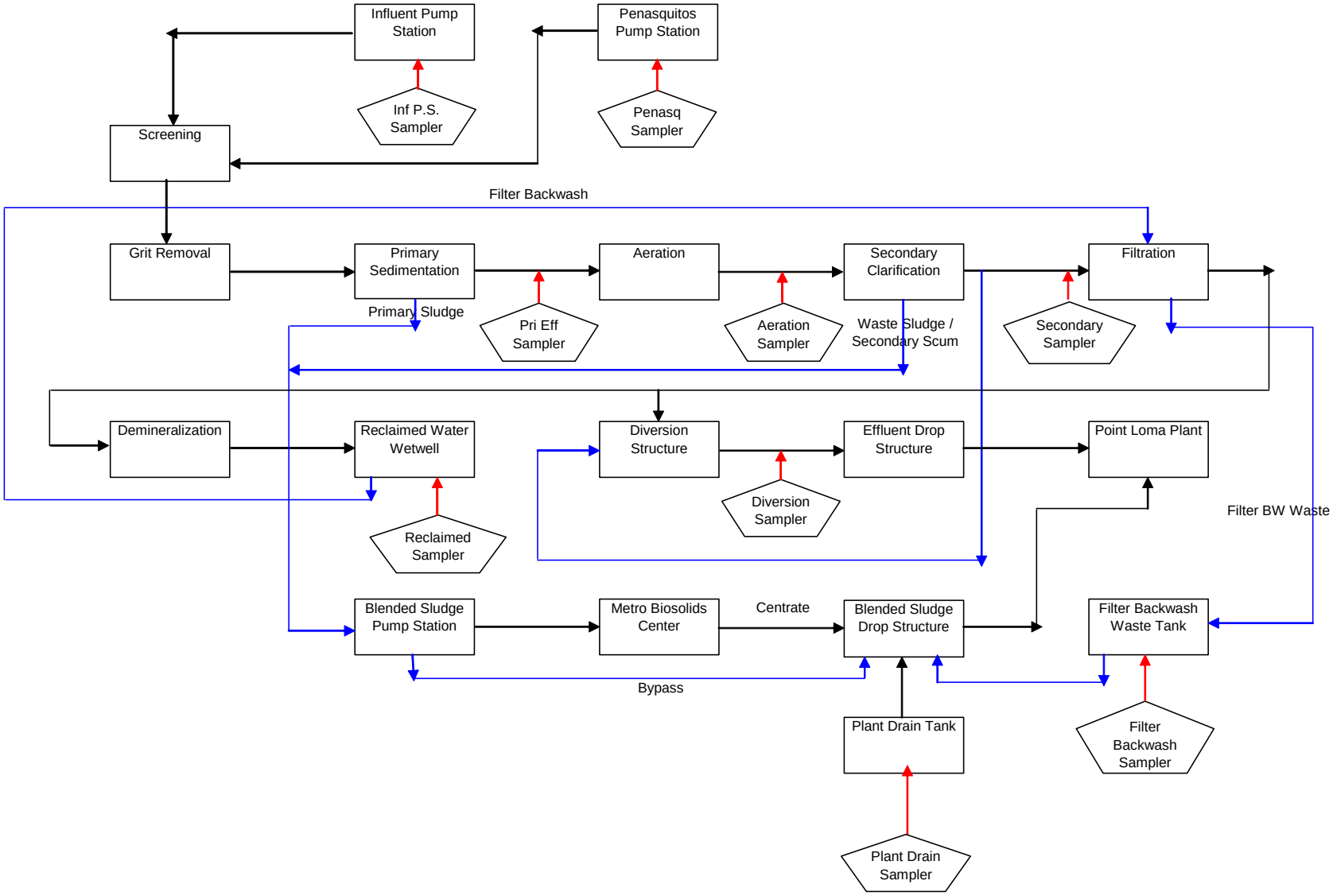
N01 PS_INF	Pump Station 64 Influent
N01-PEN	Penasquitos Influent Pump Station
N10 EFF	Primary Effluent
N15 AE	Aeration Effluent
N15 AB5 NOX1	Aeration Basin #5 Anoxic Zone #1
N15 AB5 NOX3	Aeration Basin #5 Anoxic Zone #3
N15 AB5 AER4	Aeration Basin #5 Aerobic Zone #4
N15 WAS LCP	Waste Activated Sludge LCP
N20 SE	Secondary Effluent
N20 RAS	COMB Return Activated Sludge Pumps Combined
N34 REC WATER	Compliance point . Reclaimed water distributed to customers, downstream of EDR unit.
N25 FES	Filter Effluent Structure

The following lists all Wastewater Treatment Plant Operators working for the NCWRP of the Metropolitan Wastewater Department and their California State certification status as of March 2005. Name, Certification Grade, Certification Number, and expiration date are shown for each operator. The listing is by facility and classification.

North City Water Reclamation Plant

Name	Grade	Cert. No.	Expiration Date
Water Reclamation Plant Superintendent:			
Roe, Michael	V	6298	6/30/2006
North City Sr. Operations Supervisor			
Pruett, Sam	V	7791	6/30/2007
Operations Supervisors			
Pitchford, Richard	V	9851	6/30/2007
Cozad, John	III	7138	12/31/2007
Nunez, Carlos	III	7626	6/30/2006
Blumer, Bruce	III	9347	12/31/2006
Featherston, Robert	III	7534	6/30/2007
Operators			
Moore, Terry	III	2309	12/31/2007
Todd, Terry	II	2309	6/30/2007
Williams, Wesley	II	5932	6/30/2007
Hill, Cardell	II	4041	6/30/2007
Process Control Sr. Supervisor			
Stoecker, Andrew	V	8310	12/31/2007
Process Control Supervisors			
Jewell, Dennis	V	4813	12/31/2006
Relph, Rob	III	6742	12/31/2006

NCWRP Sampling Schematic



North City Water Reclamation Plant
Monthly Totals

2005

Month	Pump 64 (MGD)	Plant Drain (MGD)	Disinfect Final Effluent (MGD)	Reclaim Water (MGD)	N Return (MGD)	FES Filter Effluent (MGD)	Secondary Effluent (MGD)	Primary Effluent (MGD)	Primary Sludge (MGD)	WAS Hi Cap sludge (MGD)	WAS Lo Cap sludge (MGD)	Filter Backwash (MGD)	Total Sludge From MBC (MGD)
01	299.5	449.4	37.9	18.4	51.1	633.74	131.40	737.82	17.38	.00	11.69	3.34	
02	281.0	411.5	58.7	14.6	39.4	531.69	61.89	659.77	19.21	.17	10.70	2.50	
03	315.7	395.5	69.5	18.5	43.5	543.87	126.97	694.45	19.20	.00	11.08	3.38	34.45
04	263.1	410.9	52.0	21.9	109.7	482.78	193.50	662.69	16.93	.00	12.64	5.17	32.25
05	255.4	439.2	44.7	22.2	132.9	525.53	235.92	692.84	18.45	.03	13.72	9.43	35.31
06	258.6	252.5	40.8	18.4	87.9	520.24	168.83	657.60	17.17	5.90	11.55	5.63	35.65
07	148.8	571.2	24.1	24.2	162.4	560.14	259.20	709.01	18.97	.02	14.00	6.62	39.97
08	.3	755.4	25.3	23.9	169.6	511.75	266.85	752.82	18.26	.09	15.23	6.02	32.50
09	48.8	630.7	19.7	20.8	147.5	483.00	219.99	671.34	18.30	.08	14.63	6.35	36.39
10	202.3	501.5	18.0	19.6	112.3	541.58	175.45	695.44	18.66	.00	16.21	5.39	39.38
11	239.2	435.1	28.0	19.2	113.9	515.00	179.40	672.17	18.49	.00	14.86	4.49	37.66
12	233.2	462.7	27.9	21.5	113.4	537.32	166.50	701.50	18.21	2.22	12.47	6.20	38.94
Average	210.5	476.3	37.2	20.3	107.0	532.22	182.16	692.29	18.27	.71	13.23	5.38	36.79
Total	2525.8	5715.6	446.5	243.2	1283.6	6386.64	2185.90	8307.45	219.23	8.51	158.78	64.52	36.40
													36.31
													435.69

Penas-
Influent Influent Influent

North City Water Reclamation Plant
Monthly Totals

2005

Month	Pump 64 (MGD)	Plant Drain (MGD)	Disinfect Final Effluent (MGD)	Reclaim Water (MGD)	N Return (MGD)	FES Filter Effluent (MGD)	Secondary Effluent (MGD)	Primary Effluent (MGD)	Primary Sludge (MGD)	WAS Hi Cap sludge (MGD)	WAS Lo Cap sludge (MGD)	Filter Backwash (MGD)	Total Sludge From MBC (MGD)
01	9.7	14.5	1.2	.6	1.6	20.44	4.24	23.80	.56	.00	.38	.11	
02	9.3	14.7	2.1	.5	1.4	18.99	2.21	23.56	.69	.01	.38	.09	
03	10.2	12.8	2.2	.6	1.4	17.54	4.10	22.40	.62	.00	.36	.11	1.11
04	8.8	13.7	1.7	.7	3.7	16.09	6.45	22.09	.56	.00	.42	.17	1.15
05	8.2	14.2	1.4	.7	4.3	16.95	7.61	22.35	.60	.00	.44	.30	1.14
06	8.6	8.4	1.4	.6	2.9	17.34	5.63	21.92	.59	.20	.39	.19	1.19
07	4.8	18.4	.8	.8	5.2	18.07	8.36	22.87	.61	.00	.45	.21	1.29
08	.0	24.4	.8	.8	5.5	16.51	8.61	24.28	.59	.00	.49	.19	1.08
09	1.6	21.0	.7	.7	4.9	16.10	7.33	22.38	.61	.00	.49	.21	1.17
10	6.5	16.2	.6	.6	3.6	17.47	5.66	22.43	.60	.00	.52	.17	1.27
11	8.0	14.5	.9	.6	3.8	17.17	5.98	22.41	.62	.00	.50	.15	1.26
12	7.5	14.9	.9	.7	3.7	17.33	5.37	22.63	.59	.07	.40	.20	1.26
Average	6.9	15.6	1.2	.7	3.5	17.50	5.96	22.76	.60	.02	.43	.18	1.23 1.17
													1.19

Penas-
Influent Influent Influent

North City Water Reclamation Plant			
(N34-REC WATER) Recycled Water Chlorine Report			
N34-REC WATER is compliance point for reclaimed water			
	Minimum Daily [1]	Maximum Daily [2]	Time [3]
Operations 2005	Chlorine Residual	Chlorine Residual	CT less than
Date	(mg/L)	(mg/L)	450 mg-min/l (min)
Jan	8.64	12.47	0
Feb	8.39	12.94	0
Mar	11.01	15.35	0
Apr	7.71	12.11	0
May	8.03	12.99	0
Jun	5.85	10.10	0
Jul	7.75	12.88	0
Aug	7.36	11.98	0
Sep	8.30	12.43	0
Oct	7.59	12.92	0
Nov	7.92	14.18	0
Dec	6.79	12.11	0
		Total:	0
1 Minimum Daily value is the average recorded for the month.			
2 Maximum Daily value is the average recorded value for the month.			
3 Total time for the month.			

North City Water Reclamation Plant

Recycled Water Coliform Report

Operations 2005 Date	Tot. Coliform (7-day median) (MPN)
Jan	<2
Feb	<2
Mar	<2
Apr	<2
May	<2
Jun	<2
Jul	<2
Aug	<2
Sep	<2
Oct	<2
Nov	<2
Dec	<2

North City Water Reclamation Plant				
Recycled Water Turbidity Report				
Data from in-plant meter [4]				
	Average Daily	Minimum Daily [1]	Maximum Daily [2]	Time Over [3]
Operations 2005	Turbidity	Turbidity	Turbidity	5 NTU's
Date	(NTU)	(NTU)	(NTU)	(MINUTES)
Jan	0.50	0.41	0.85	0.00
Feb	0.47	0.40	1.05	0.29
Mar	0.54	0.42	0.90	0.00
Apr	0.77	0.62	1.50	0.52
May	0.75	0.58	1.49	0.00
Jun	0.86	0.64	1.25	0.01
Jul	0.61	0.42	1.00	0.00
Aug	0.58	0.42	1.27	0.75
Sep	0.76	0.56	1.43	0.00
Oct	0.52	0.41	0.88	0.00
Nov	0.42	0.32	0.67	0.00
Dec	0.70	0.48	1.40	0.24
Average:	0.62		Total:	1.81

1 Minimum Daily value is the average recorded for the month.

2 Maximum Daily value is the average recorded value for the month.

3 Total time for the month.

4 Compliance monitoring point, values taken from the combined filter effluent turbidity meter (N25AIT673), located at meter room of Area 25 (Tertiary Filter Structures)

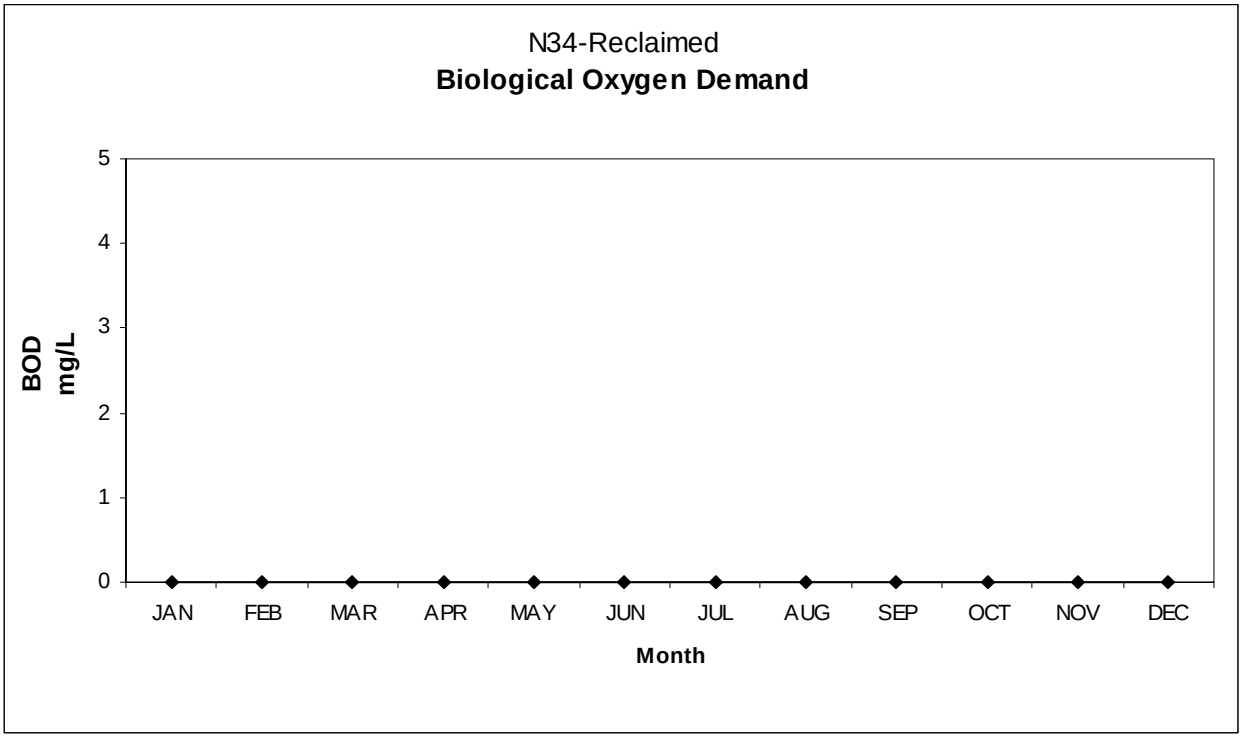
North City Water Reclamation Plant
Annual Monitoring Report

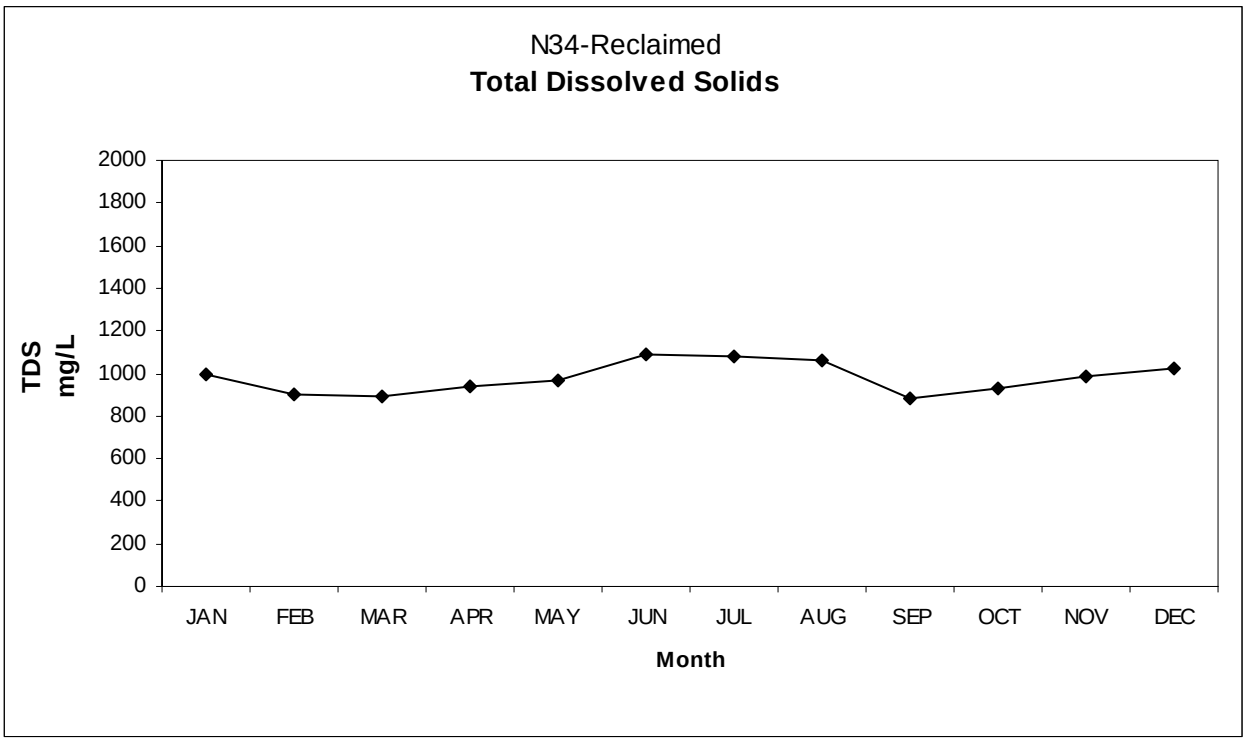
2005

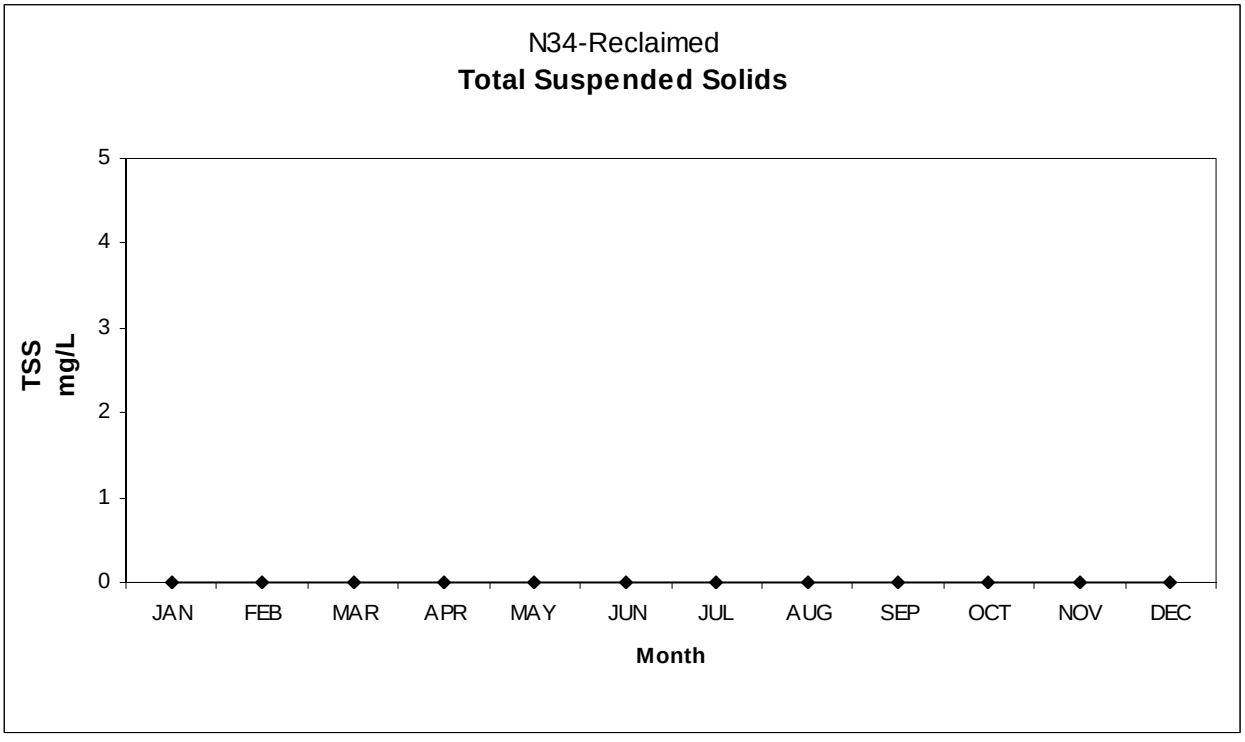
Sampled by: North City Operators
Analyzed by: NLC, LEC, LDP, KLW, VEB, ACD, KG

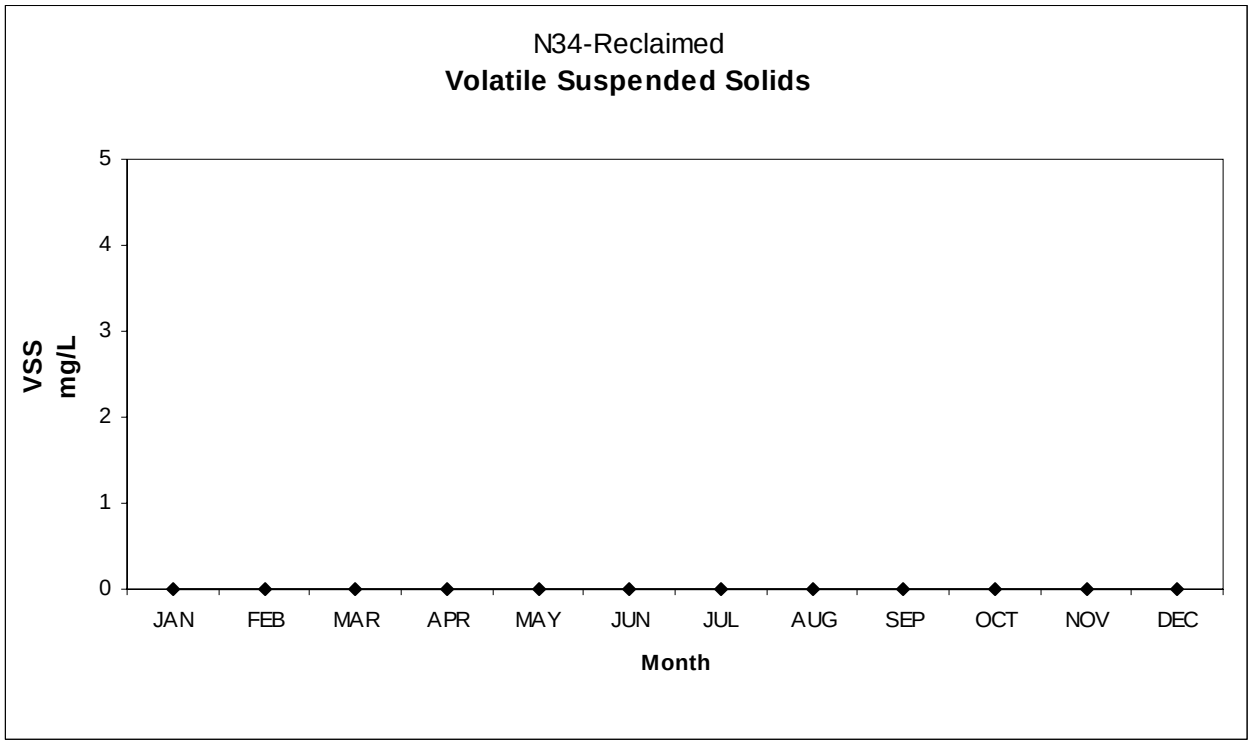
N34-Reclaimed Water

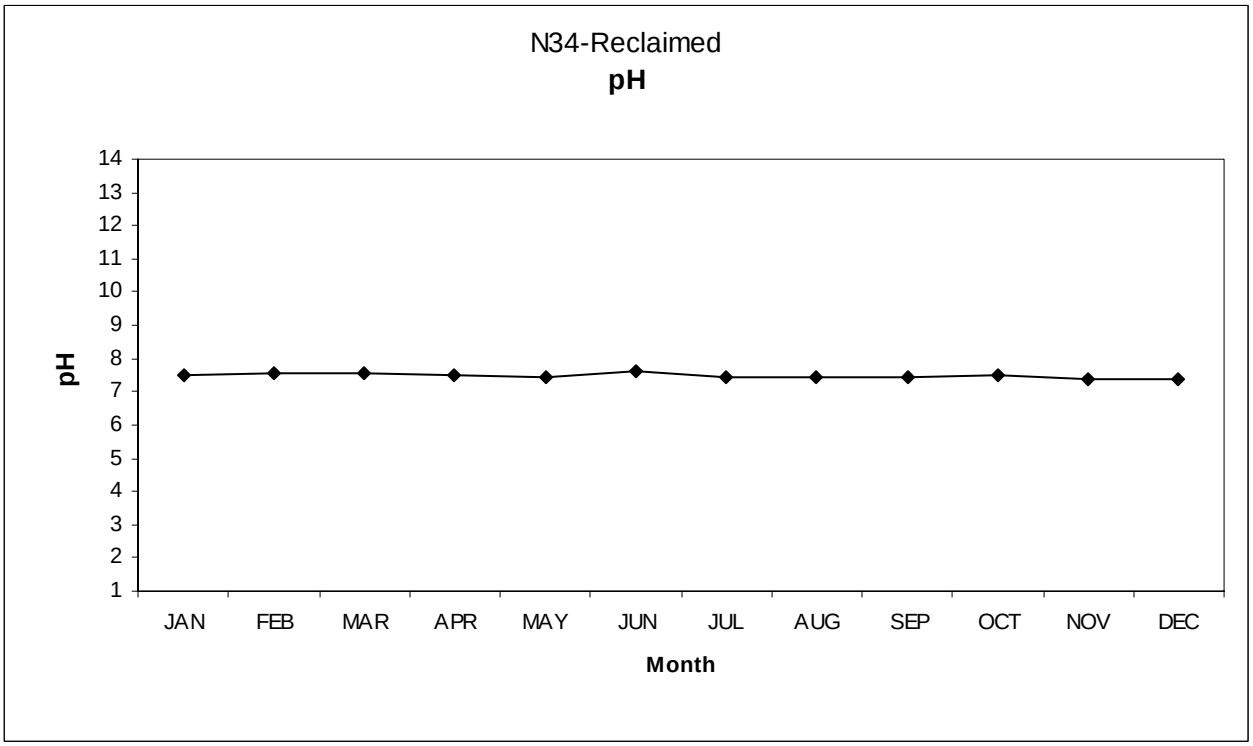
Month	Biochemical Oxygen Demand (mg/L)	Total Dissolved Solids (mg/L)	Total Suspended Solids (mg/L)	Volatile Suspended Solids (mg/L)	pH Grab (pH)
JAN	<2	992	ND	ND	7.49
FEB	ND	898	ND	ND	7.54
MAR	ND	890	ND	ND	7.59
APR	<2	936	<1.6	ND	7.5
MAY	<2	967	ND	ND	7.41
JUN	<2	1090	<1.6	<1.6	7.65
JUL	<2	1080	<1.6	<1.6	7.41
AUG	<2	1060	ND	ND	7.42
SEP	<2	886	ND	ND	7.45
OCT	<2	926	<1.6	ND	7.48
NOV	<2	988	ND	ND	7.39
DEC	ND	1020	ND	ND	7.39
Average	<1.5	978	<0.533	<0.267	7.48




N34-Reclaimed
Total Dissolved Solids
TDS mg/L
2000
1800
1600
1400
1200
1000
800
600
400
200
0
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
OCT
NOV
DEC
Month


N34-Reclaimed
Total Suspended Solids
TSS mg/L
5
4
3
2
1
0
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
OCT
NOV
DEC
Month


N34-Reclaimed
Volatile Suspended Solids
VSS mg/L
5
4
3
2
1
0
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
OCT
NOV
DEC
Month


N34-Reclaimed
pH
pH
14
13
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11
10
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7
6
5
4
3
2
1
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
OCT
NOV
DEC
Month

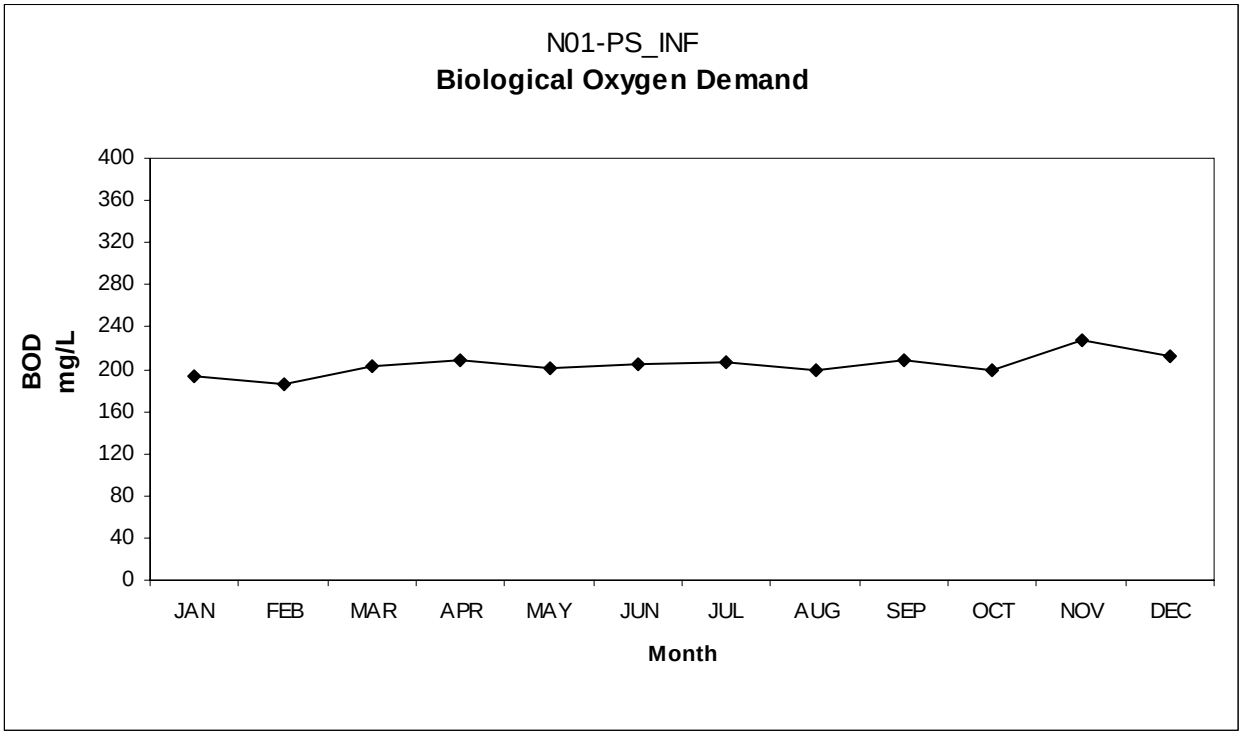
North City Water Reclamation Plant
Annual Monitoring Report

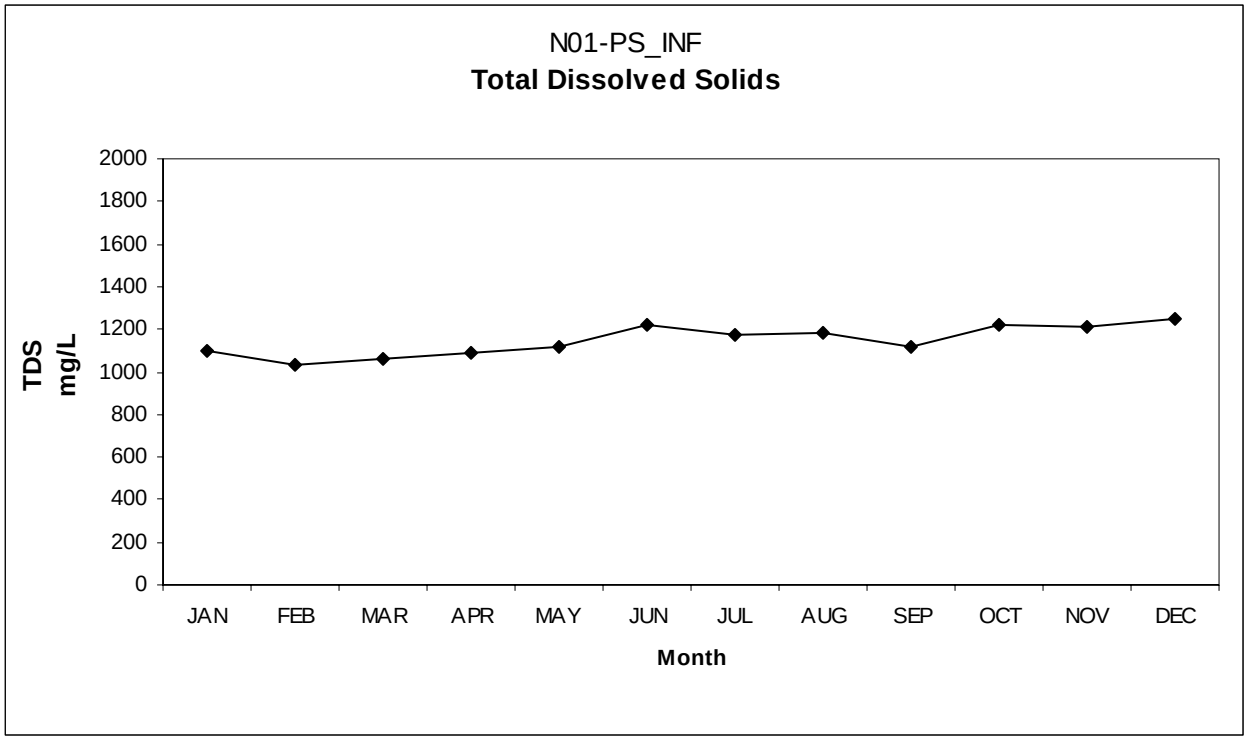
2005

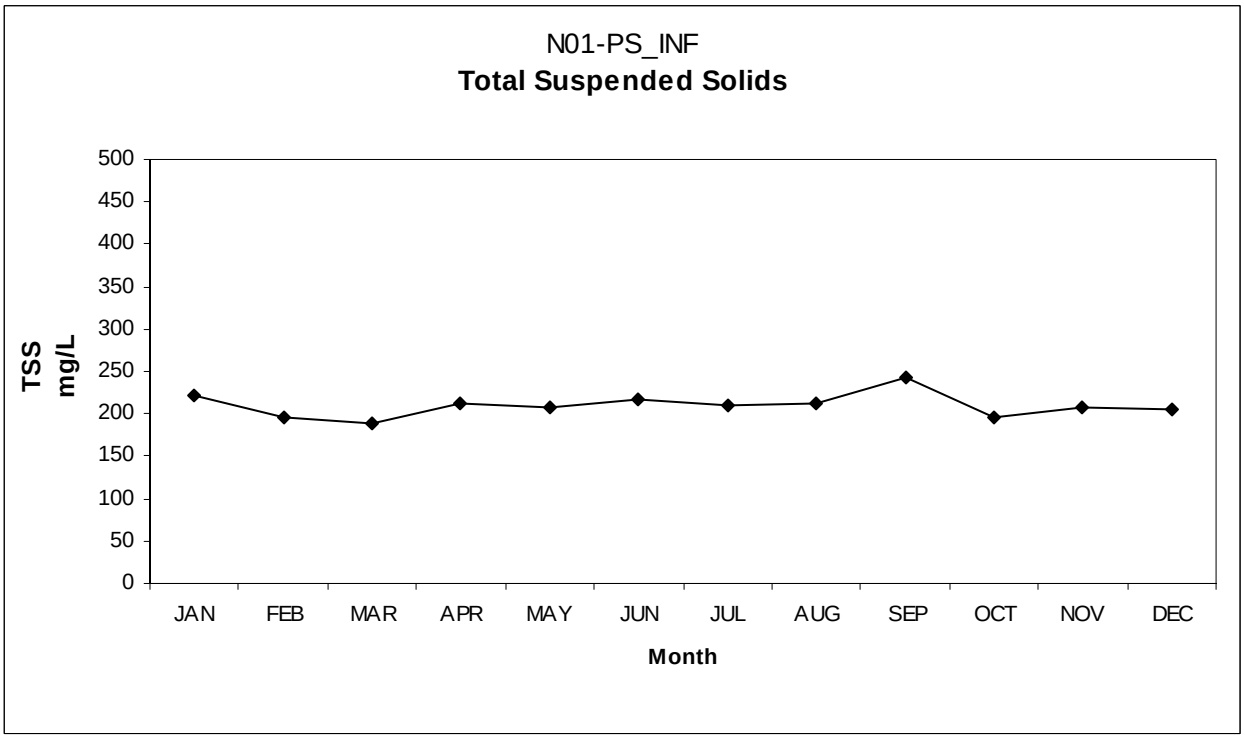
Sampled by: North City Operators
Analyzed by: NLC, LEC, LDP, KLW, VEB, ACD, KG

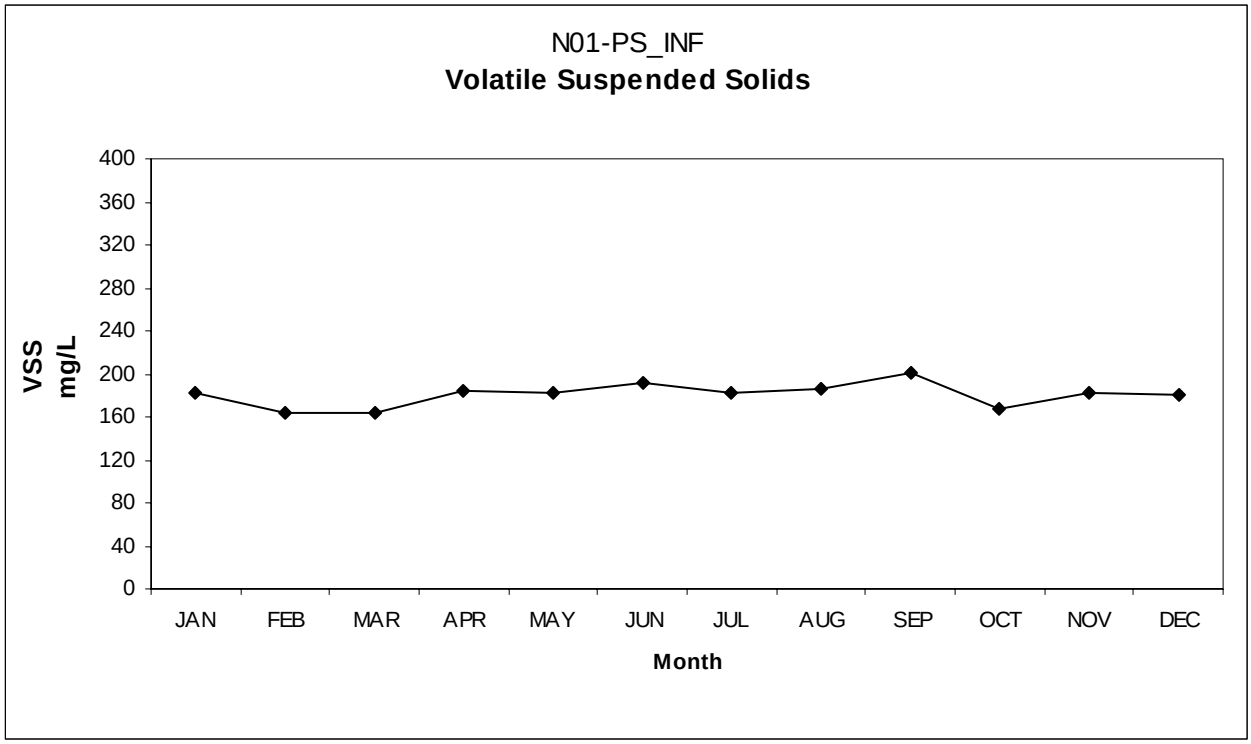
Influent (from Pumpstation 64) (N01-PS_INF)

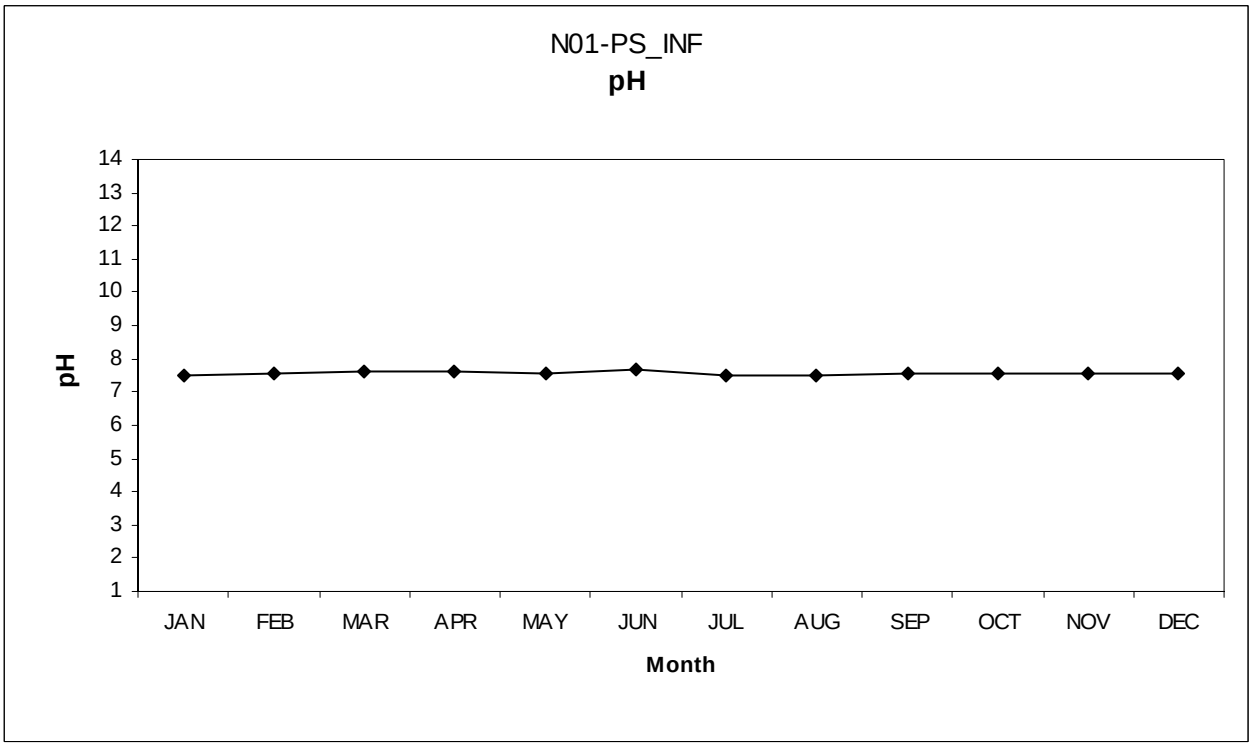
Month	Biochemical Oxygen Demand (mg/L)	Total Dissolved Solids (mg/L)	Total Suspended Solids (mg/L)	Volatile Suspended Solids (mg/L)	pH Grab (pH)	Turbidity (NTU)
JAN	194	1100	221	182	7.51	110
FEB	185	1030	196	164	7.55	104
MAR	203	1060	189	164	7.61	104
APR	209	1090	212	185	7.64	110
MAY	201	1120	208	182	7.59	110
JUN	205	1220	218	192	7.67	105
JUL	207	1170	209	183	7.53	116
AUG	200	1180	213	186	7.51	112
SEP	209	1120	243	201	7.56	124
OCT	199	1220	196	168	7.56	112
NOV	227	1210	208	182	7.57	118
DEC	212	1250	205	180	7.55	107
Average	204	1148	210	181	7.57	111

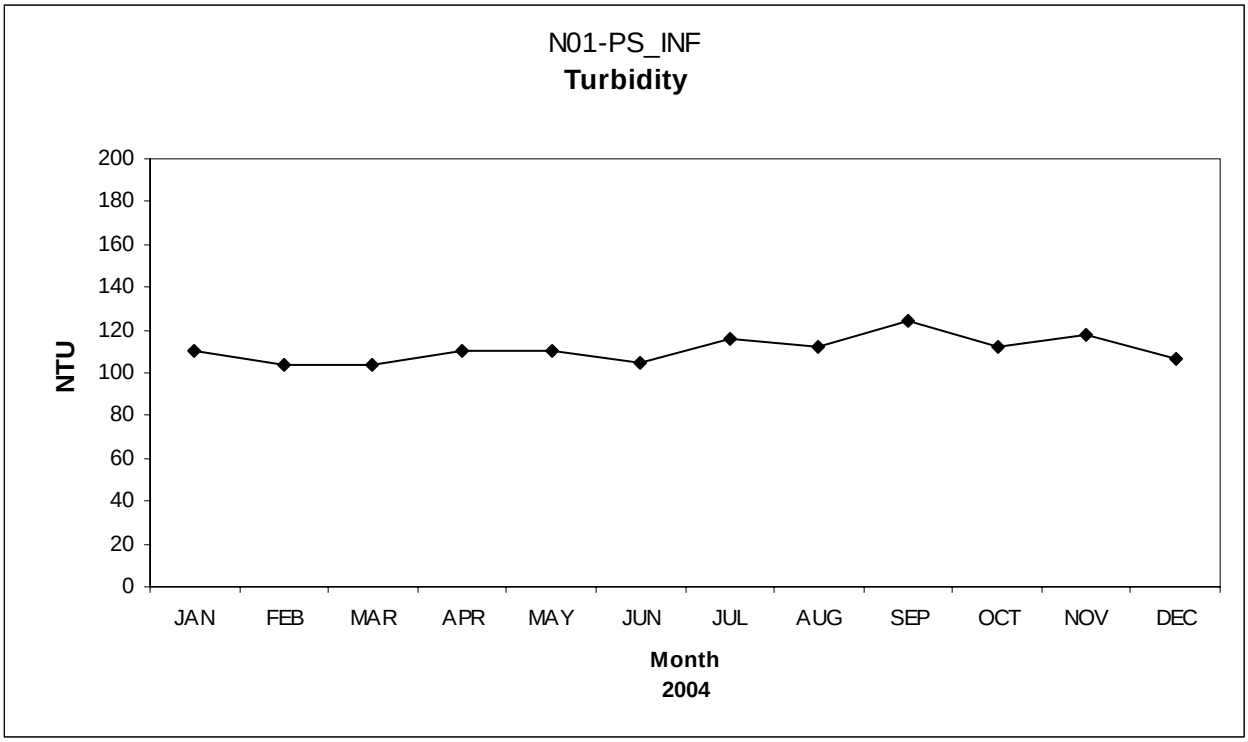



N01-PS_INF
Total Dissolved Solids
TDS mg/L
2000
1800
1600
1400
1200
1000
800
600
400
200
0
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
OCT
NOV
DEC
Month


N01-PS_INF
Total Suspended Solids
TSS mg/L
500
450
400
350
300
250
200
150
100
50
0
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
OCT
NOV
DEC
Month


N01-PS_INF
Volatile Suspended Solids
VSS
mg/L
400
360
320
280
240
200
160
120
80
40
0
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
OCT
NOV
DEC
Month


N01-PS_INF
pH
pH
14
13
12
11
10
9
8
7
6
5
4
3
2
1
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
OCT
NOV
DEC
Month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Turbidity
NTU
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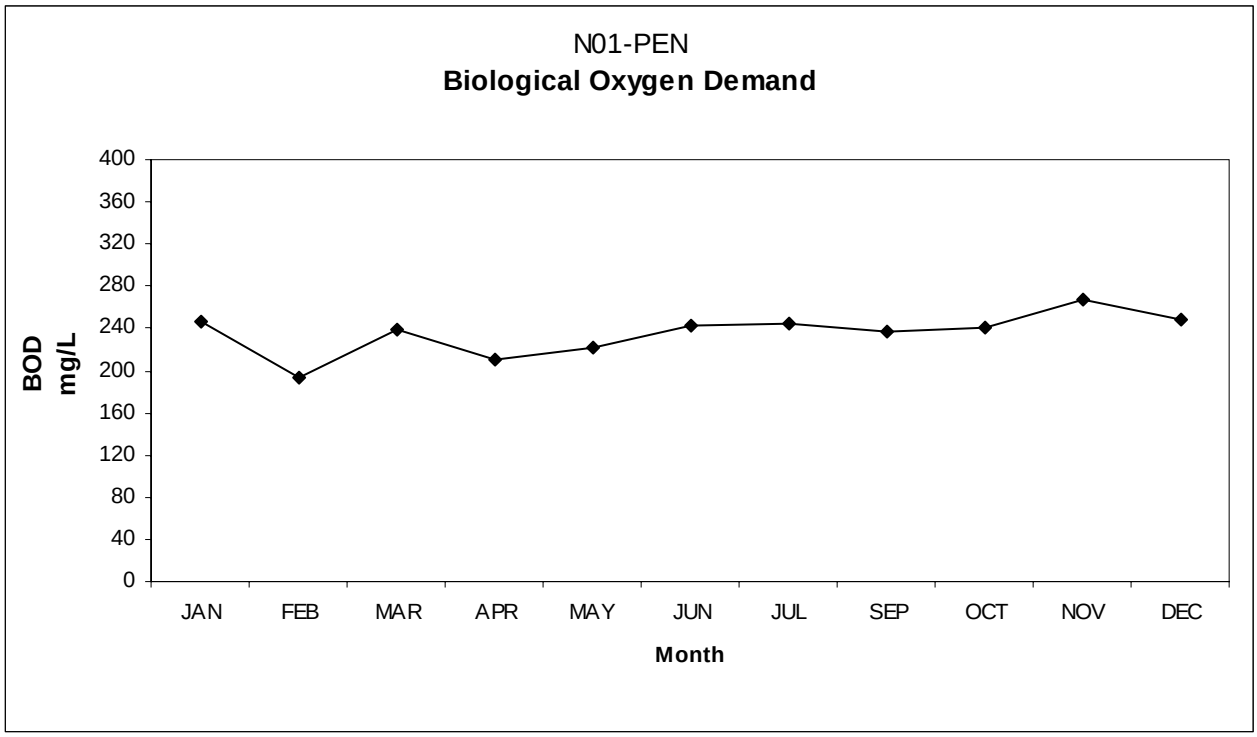
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
OCT
NOV
DEC
Month
2004

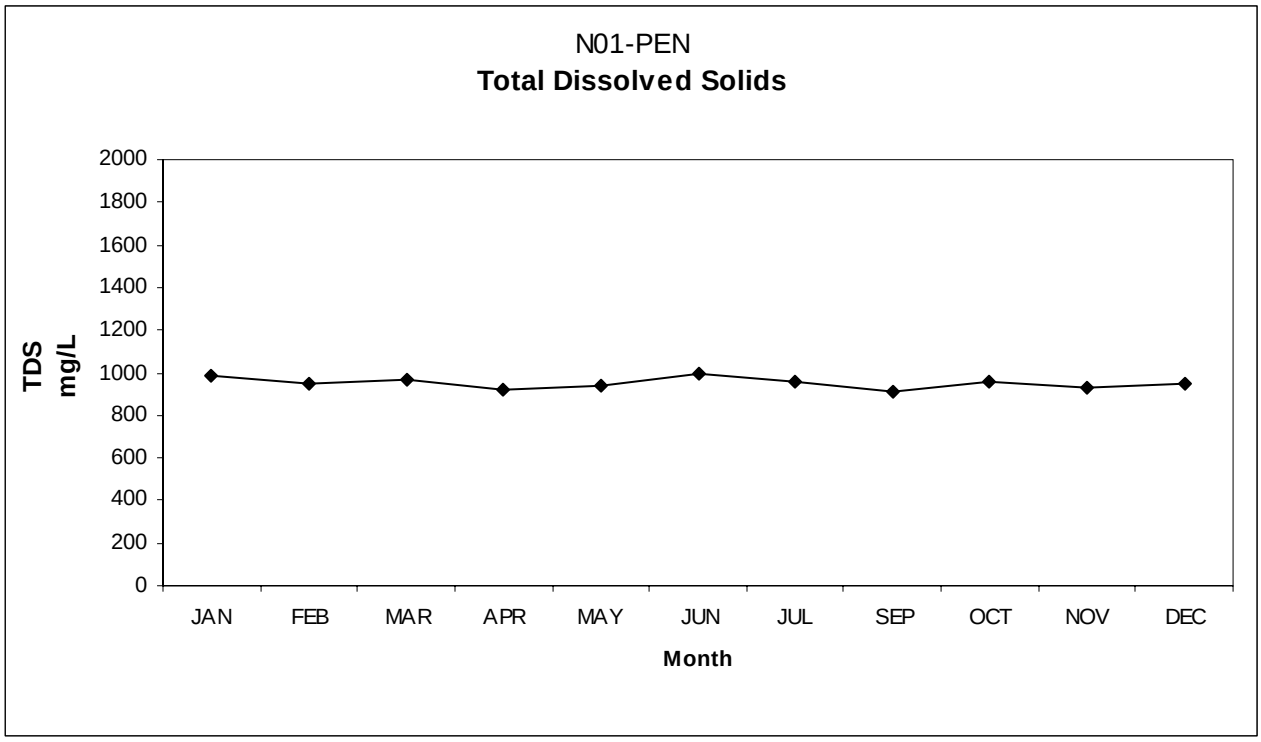
2005

Sampled by: North City Operators
Analyzed by: NLC, LEC, LDP, KLW, VEB, ACD, KG

Influent (from the Penasquitos interceptor) (N01-PEN)

Month	Biochemical Oxygen Demand (mg/L)	Total Dissolved Solids (mg/L)	Total Suspended Solids (mg/L)	Volatile Suspended Solids (mg/L)	pH Grab (pH)	Turbidity (NTU)
JAN	246	990	321	262	7.56	170
FEB	194	946	218	186	7.62	118
MAR	239	964	242	213	7.63	124
APR	210	923	268	227	7.62	136
MAY	222	936	305	255	7.57	139
JUN	242	992	310	255	7.54	150
JUL	245	960	342	281	7.55	171
AUG	Off Line	Off Line	Off Line	Off Line	Off Line	Off Line
SEP	237	913	383	297	7.37	242
OCT	240	955	289	223	7.53	159
NOV	268	930	311	258	7.45	165
DEC	249	950	351	292	7.38	158
Average	235	947	302	249	7.53	156

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1600
1400
1200
1000
800
600
400
200
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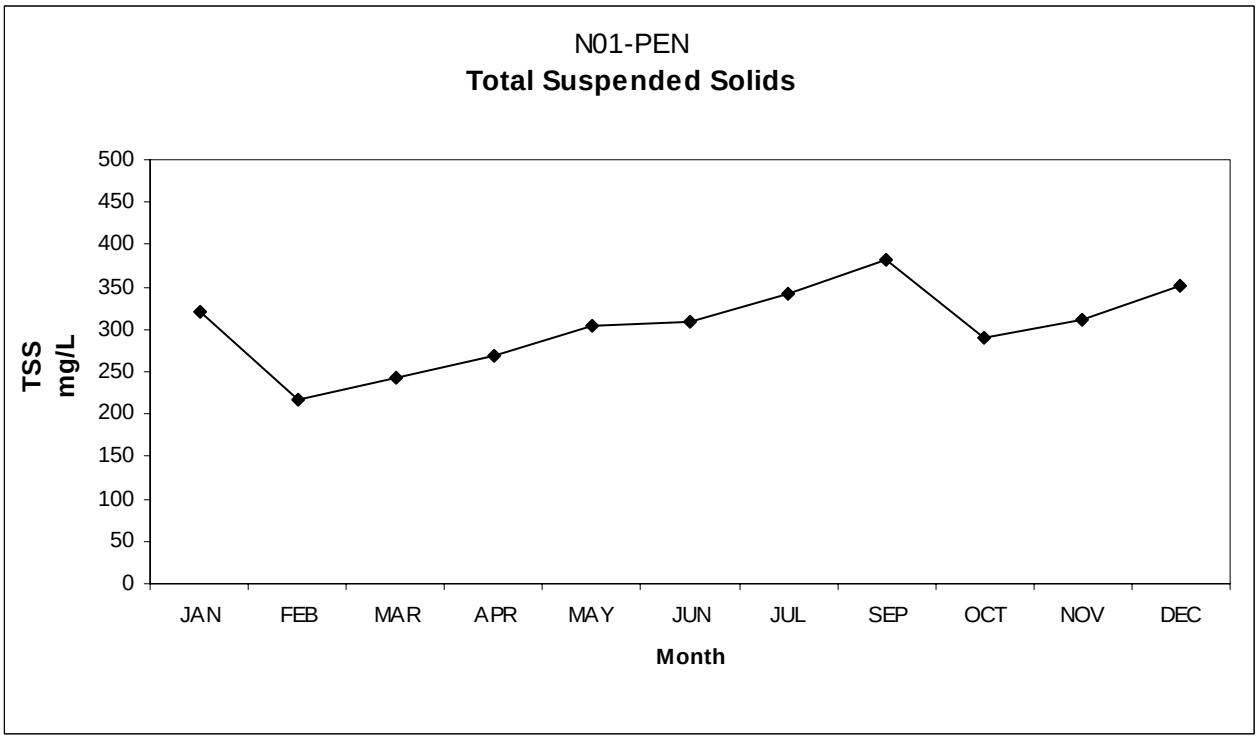
JAN
FEB
MAR
APR
MAY
JUN
JUL
SEP
OCT
NOV
DEC
Month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TSS mg/L
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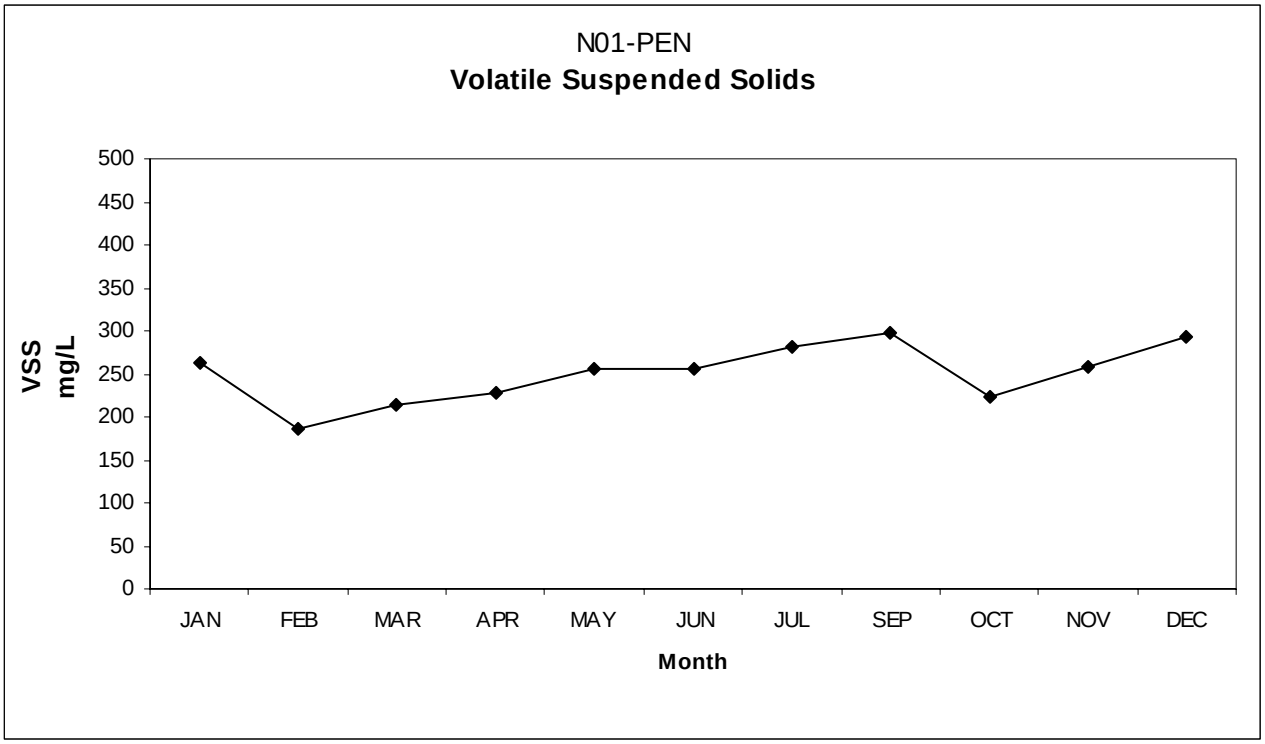
450
400
350
300
250
200
150
100
50
0
JAN
FEB
MAR
APR
MAY
JUN
JUL
SEP
OCT
NOV
DEC
Month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Volatile Suspended Solids
VSS
mg/L
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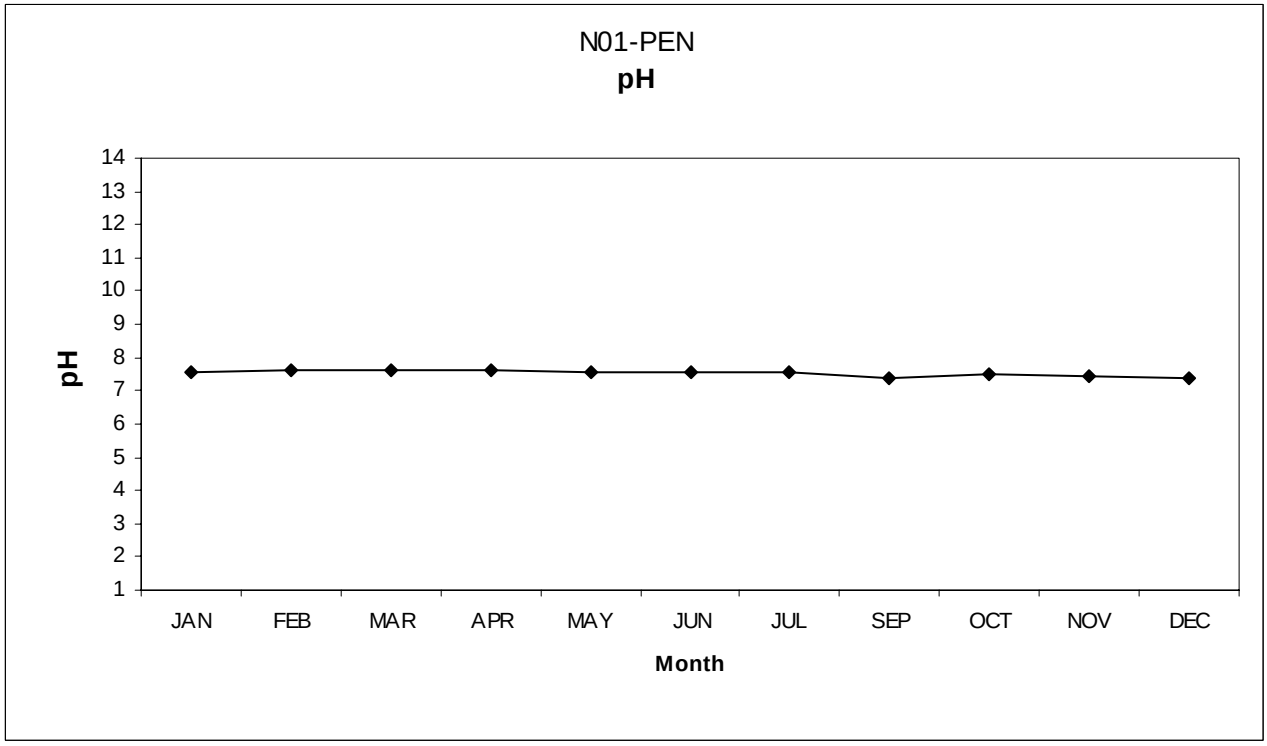
450
400
350
300
250
200
150
100
50
0
JAN
FEB
MAR
APR
MAY
JUN
JUL
SEP
OCT
NOV
DEC
Month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pH
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4
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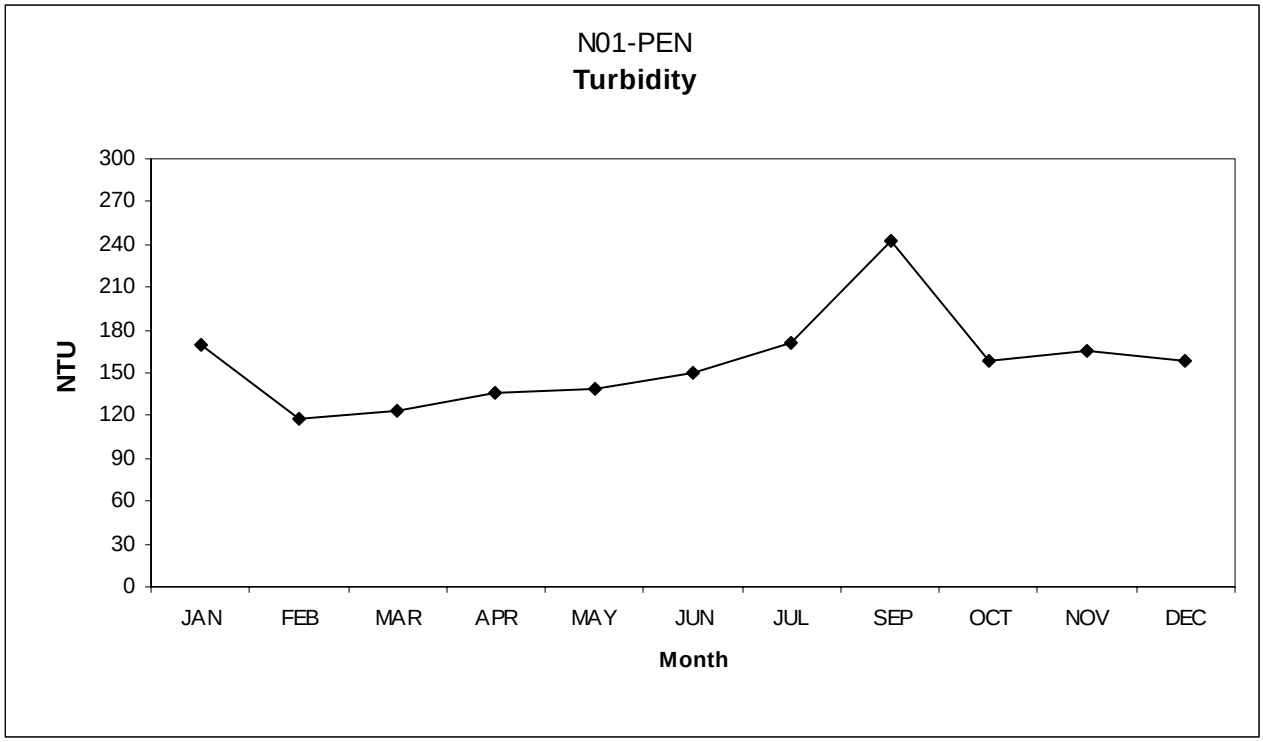
JAN
FEB
MAR
APR
MAY
JUN
JUL
SEP
OCT
NOV
DEC
Month


N01-PEN
Turbidity
NTU
300
270
240
210
180
150
120
90
60
30
0
JAN
FEB
MAR
APR
MAY
JUN
JUL
SEP
OCT
NOV
DEC
Month

North City Water Reclamation Plant
Annual Monitoring Report

2005

(N34-REC) Reclaimed Water- Annual Averages

Analyte:	Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron
MDL and Units:	6.6 UG/L	1.02 UG/L	0.4 UG/L	0.0202 UG/L	0.0395 UG/L	1.1 UG/L
Limit:	1000	6	50	1000	4	700
JANUARY -2005	59	ND	1.02	58	ND	313
FEBRUARY -2005	58	ND	0.76	39	ND	403
MARCH -2005	7	ND	1.03	36	ND	369
APRIL -2005	179	ND	0.98	41	ND	319
MAY -2005	28	2	1.02	32	ND	413
JUNE -2005	29	2	0.99	40	ND	441
JULY -2005	24	<1	0.63	35	ND	375
AUGUST -2005	78	ND	0.81	65	ND	409
SEPTEMBER-2005	137	2	0.64	55	ND	434
OCTOBER -2005	44	ND	0.48	41	ND	386
NOVEMBER -2005	162	ND	0.66	50	ND	434
DECEMBER -2005	30	ND	0.50	77	ND	331
Annual Average:	70	<1	0.79	47	ND	386

Analyte:	Cadmium	Chromium	Copper	Iron	Manganese	Mercury
MDL and Units:	0.195 UG/L	0.189 UG/L	0.393 UG/L	0.785 UG/L	0.0494 UG/L	0.095 UG/L
Limit:	5	50		300	50	2
JANUARY -2005	ND	2.3	25	67	71	ND
FEBRUARY -2005	1.2	1.0	12	53	91	ND
MARCH -2005	0.2	2.5	9	58	78	ND
APRIL -2005	ND	1.1	34	50	97	ND
MAY -2005	0.2	0.4	5	135	148	ND
JUNE -2005	0.2	2.5	57	146	105	ND
JULY -2005	ND	0.2	20	93	144	ND
AUGUST -2005	0.3	1.0	24	45	92	ND
SEPTEMBER-2005	0.3	0.5	28	57	93	ND
OCTOBER -2005	ND	ND	7	136	97	ND
NOVEMBER -2005	0.2	1.5	22	145	180	ND
DECEMBER -2005	0.4	ND	31	90	123	ND
Annual Average:	0.3	1.1	23	90	110	ND

Analyte:	Nickel	Selenium	Thallium	Chloride	Fluoride	Sulfate
MDL and Units:	0.268 UG/L	0.28 UG/L	1.81 UG/L	7 MG/L	.05 MG/L	9 MG/L
Limit:	100	50	2	300	1	300
JANUARY -2005	5	0.95	ND	231	0.5	248
FEBRUARY -2005	7	0.65	ND	269	0.3	173
MARCH -2005	8	0.75	ND	224	0.5	212
APRIL -2005	5	0.61	ND	237	0.2	191
MAY -2005	7	0.74	ND	249	0.3	211
JUNE -2005	7	0.89	ND	244	0.4	232
JULY -2005	4	0.64	ND	266	0.5	239
AUGUST -2005	6	0.80	ND	243	0.2	237
SEPTEMBER-2005	5	0.74	ND	225	0.4	208
OCTOBER -2005	5	0.70	ND	208	0.3	201
NOVEMBER -2005	8	0.80	ND	309	0.4	249
DECEMBER -2005	6	1.52	ND	216	0.4	255
Annual Average:	6	0.82	ND	243	0.4	221

ND= Not Detected
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NS= Not Sampled

North City Water Reclamation Plant
Annual Monitoring Report

2005

(N34-REC) Reclaimed Water- Annual Averages

Analyte:	Total Total Cyanides	MBAS Surfactants	Organic Carbon	Percent Sodium	Adjusted Sodium Adsorption	Calcium
MDL and Units:	.002 MG/L	.03 MG/L	0.250 MG/L	Calculated	Calculated	0.034 MG/L
Limit:	0.2				6	
JANUARY -2005	0.0084	0.14	7.6	52	4.4	81.5
FEBRUARY -2005	0.0090	0.13	9.0	61	5.6	58.8
MARCH -2005	0.0118	0.16	9.4	57	4.4	71.8
APRIL -2005	0.0159	0.19	8.6	57	5.1	70.4
MAY -2005	0.0132	0.15	8.8	55	4.9	79.2
JUNE -2005	0.0156	0.14	11.9	53	4.4	77.0
JULY -2005	0.0135	0.16	8.8	55	4.9	78.4
AUGUST -2005	0.0100	0.17	8.8	55	4.7	73.7
SEPTEMBER-2005	0.0029	0.14	8.1	60	5.2	59.6
OCTOBER -2005	0.0073	0.12	6.9	58	4.6	62.8
NOVEMBER -2005	0.0161	0.15	9.3	55	4.9	71.3
DECEMBER -2005	0.0038	0.09	6.6	50	4.4	80.8
Annual Average:	0.0106	0.15	8.7	56	4.8	72.1

	Magnesium .014 MG/L	Potassium .04 MG/L	Sodium .223 MG/L	Calcium Hardness 0.2 MG/L	Magnesium Hardness 0.08 MG/L	Total Hardness 0.08 MG/L
JANUARY -2005	35.7	10.9	178	204	146	350
FEBRUARY -2005	27.7	11.6	202	147	114	261
MARCH -2005	34.0	12.5	203	180	139	319
APRIL -2005	33.0	12.8	199	176	135	311
MAY -2005	35.7	14.1	202	198	146	344
JUNE -2005	33.1	12.4	176	193	136	329
JULY -2005	35.7	13.5	199	196	146	342
AUGUST -2005	32.8	13.2	189	184	135	319
SEPTEMBER-2005	27.5	12.5	188	149	113	262
OCTOBER -2005	28.3	11.9	181	157	116	273
NOVEMBER -2005	33.0	11.6	186	178	135	313
DECEMBER -2005	34.8	12.1	168	202	143	345
Annual Average:	32.6	12.4	189	180	134	314

	Total Dissolved Solids 42 MG/L	Lithium .001 MG/L	Cobalt .162 UG/L	Molybdenum .122 UG/L	Vanadium .4755 UG/L
JANUARY -2005	992	0.03	ND	6.5	1.0
FEBRUARY -2005	898	0.02	ND	6.7	0.6
MARCH -2005	890	<0.00	ND	7.1	1.7
APRIL -2005	936	0.03	1	6.8	1.8
MAY -2005	967	0.03	ND	6.6	0.9
JUNE -2005	1090	0.03	ND	8.2	1.1
JULY -2005	1080	0.04	1	6.3	0.9
AUGUST -2005	1060	0.05	0	13.1	0.5
SEPTEMBER-2005	886	0.04	ND	8.4	0.7
OCTOBER -2005	926	0.04	ND	6.7	ND
NOVEMBER -2005	988	0.05	ND	10.1	1.0
DECEMBER -2005	1020	0.04	ND	5.9	ND
Annual Average:	978	<0.03	0.190	7.70	0.850

ND= Not Detected
NA= Not Analyzed
NS= Not Sampled

North City Water Reclamation Plant
Annual Monitoring Report

2005

(N01-PS_INF) Pump Station 64 Influent - Annual Averages

	Aluminum 6.6 UG/L	Antimony 1.015 UG/L	Arsenic .4 UG/L	Barium .02015 UG/L	Beryllium 0.39 UG/L	Boron 1.101 UG/L
JANUARY -2005	1290	ND	2.17	91	ND	361
FEBRUARY -2005	1280	ND	1.29	93	ND	396
MARCH -2005	1120	ND	1.76	83	ND	365
APRIL -2005	766	ND	1.28	85	ND	349
MAY -2005	857	ND	1.45	106	ND	381
JUNE -2005	1400	4	1.40	125	ND	425
JULY -2005	837	2	1.33	120	ND	444
AUGUST -2005	1250	ND	1.12	124	ND	373
SEPTEMBER-2005	1460	ND	2.09	146	ND	403
OCTOBER -2005	1040	ND	0.98	130	ND	429
NOVEMBER -2005	912	ND	1.44	129	ND	382
DECEMBER -2005	661	ND	0.87	117	ND	409
Annual Average:	1073	1	1.43	112	ND	393

	Cadmium .1945 UG/L	Chromium .1885 UG/L	Cobalt .162 MG/L	Copper .3925 UG/L	Iron .785 UG/L	Lead 1.384 UG/L
JANUARY -2005	ND	2.3	<0	120	537	3
FEBRUARY -2005	0.6	3.8	ND	151	526	ND
MARCH -2005	ND	1.9	<0	102	869	ND
APRIL -2005	ND	5.3	<0	113	98	ND
MAY -2005	0.2	1.8	<0	101	863	2
JUNE -2005	0.5	2.6	<0	116	1260	2
JULY -2005	0.3	1.8	<0	167	1130	4
AUGUST -2005	0.4	1.9	<0	121	581	2
SEPTEMBER-2005	0.3	1.9	<0	131	317	3
OCTOBER -2005	ND	1.6	<0	118	838	3
NOVEMBER -2005	ND	2.2	<0	181	992	6
DECEMBER -2005	0.2	0.4	<0	105	667	4
Annual Average:	0.2	2.3	<0	127	723	2

	Lithium .001 MG/L	Manganese .0494 UG/L	Mercury .09 UG/L	Molybdenum .122 MG/L	Nickel .2675 UG/L	Selenium .28 UG/L
JANUARY -2005	0.05	211	ND	<0	6	1.86
FEBRUARY -2005	0.03	215	0.16	<0	9	1.10
MARCH -2005	<0.00	318	0.22	<0	6	1.10
APRIL -2005	0.04	194	ND	<0	11	1.44
MAY -2005	0.04	227	0.10	<0	7	1.46
JUNE -2005	0.04	209	0.64	<0	8	1.73
JULY -2005	0.05	211	0.16	<0	7	1.62
AUGUST -2005	0.04	183	0.13	<0	7	1.47
SEPTEMBER-2005	0.05	172	0.13	<0	6	1.72
OCTOBER -2005	0.05	198	0.15	<0	5	1.42
NOVEMBER -2005	0.05	229	0.42	<0	7	2.11
DECEMBER -2005	0.05	212	0.15	<0	6	1.84
Annual Average:	<0.04	215	0.19	<0	7	1.57

ND= Not Detected
NA= Not Analyzed
NS= Not Sampled
NR= Not Required

North City Water Reclamation Plant
Annual Monitoring Report

2005

(N01-PS_INF) Pump Station 64 Influent - Annual Averages

	Silver .156 UG/L	Thallium 1.806 UG/L	Vanadium .4755 MG/L	Zinc .5435 UG/L	Calcium .034 MG/L	Magnesium .014 MG/L
JANUARY -2005	4	ND	<0	83	92.4	41.2
FEBRUARY -2005	4	ND	<0	121	79.2	36.5
MARCH -2005	5	ND	<0	96	88.3	39.5
APRIL -2005	4	ND	<0	107	89.9	42.0
MAY -2005	4	ND	<0	93	97.2	42.4
JUNE -2005	5	ND	<0	102	97.5	40.4
JULY -2005	6	ND	<0	115	100.0	43.8
AUGUST -2005	3	ND	<0	115	90.6	39.9
SEPTEMBER-2005	5	ND	<0	126	86.2	39.6
OCTOBER -2005	4	ND	<0	116	86.9	40.3
NOVEMBER -2005	5	ND	<0	128	92.8	42.4
DECEMBER -2005	2	ND	<0	108	101.0	44.4
Annual Average:	4	ND	<0	109	91.8	41.0

	Potassium .04 MG/L	Sodium .223 MG/L	Chloride 7 MG/L	Fluoride .05 MG/L	Sulfate 0.5 MG/L	Total Dissolved Solids 42 MG/L
JANUARY -2005	13.4	233	NR	NR	NR	1100
FEBRUARY -2005	16.5	196	283	0.3	210	1030
MARCH -2005	14.3	202	NR	NR	NR	1060
APRIL -2005	15.6	219	NR	NR	NR	1090
MAY -2005	17.4	209	307	0.3	244	1120
JUNE -2005	14.6	205	NR	NR	NR	1220
JULY -2005	16.6	213	NR	NR	NR	1170
AUGUST -2005	15.6	199	259	0.2	264	1180
SEPTEMBER-2005	17.8	218	NR	NR	NR	1120
OCTOBER -2005	18.3	244	310	0.4	239	1220
NOVEMBER -2005	13.8	200	NR	NR	NR	1210
DECEMBER -2005	16.5	232	NR	NR	NR	1250
Annual Average:	15.9	214	290	0.3	239	1150

	Total Cyanides .002 MG/L
JANUARY -2005	ND
FEBRUARY -2005	ND
MARCH -2005	0.0020
APRIL -2005	0.0027
MAY -2005	0.0127
JUNE -2005	ND
JULY -2005	0.0023
AUGUST -2005	ND
SEPTEMBER-2005	0.0021
OCTOBER -2005	ND
NOVEMBER -2005	ND
DECEMBER -2005	0.0024
Annual Average:	0.0020

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NR= Not Required

North City Water Reclamation Plant
Annual Monitoring Report

2005
(N01-PEN) Penasquitos Influent - Annual Averages

	Aluminum 6.6 UG/L	Antimony 1.015 UG/L	Arsenic .4 UG/L	Barium .02015 UG/L	Beryllium 0.39 UG/L	Boron 1.101 UG/L
JANUARY -2005	1990	ND	2.47	122	ND	347
FEBRUARY -2005	882	ND	1.11	97	ND	359
MARCH -2005	1460	ND	1.07	84	ND	355
APRIL -2005	2340	ND	1.96	105	ND	266
MAY -2005	1640	ND	1.82	104	ND	353
JUNE -2005	2620	4.10	2.23	118	ND	383
JULY -2005	2650	2.60	2.32	123	ND	408
AUGUST -2005	NS	NS	NS	NS	NS	NS
SEPTEMBER-2005	NS	NS	NS	NS	NS	NS
OCTOBER -2005	2180	1.50	2.19	116	ND	417
NOVEMBER -2005	2020	ND	2.48	134	ND	389
DECEMBER -2005	1460	ND	1.48	110	ND	355
Annual Average:	1920	0.82	1.91	111	ND	364

	Cadmium .1945 UG/L	Chromium .1885 UG/L	Cobalt .162 MG/L	Copper .3925 UG/L	Iron .785 UG/L	Lead 1.384 UG/L
JANUARY -2005	ND	4.2	<0.162	98	2060	2.10
FEBRUARY -2005	0.9	4.5	ND	86	305	ND
MARCH -2005	0.3	1.6	ND	65	347	ND
APRIL -2005	ND	12.2	<0.162	114	251	2.80
MAY -2005	ND	8.3	<0.162	84	8700	2.10
JUNE -2005	0.5	7.1	ND	120	6360	2.10
JULY -2005	1.4	9.1	<0.162	128	11600	6.20
AUGUST -2005	NS	NS	NS	NS	NS	NS
SEPTEMBER-2005	NS	NS	NS	NS	NS	NS
OCTOBER -2005	0.2	6.6	ND	88	26300	ND
NOVEMBER -2005	ND	4.1	<0.162	131	10500	4.40
DECEMBER -2005	0.3	6.5	<0.162	83	8550	ND
Annual Average:	0.4	6.4	<0.162	99.7	7500	1.97

	Lithium .001 MG/L	Manganese .0494 UG/L	Mercury .09 UG/L	Molybdenum .122 MG/L	Nickel .2675 UG/L	Selenium .28 UG/L
JANUARY -2005	0.036	124	0.14	<0.122	12.4	1.86
FEBRUARY -2005	0.025	78	ND	<0.122	10.4	1.27
MARCH -2005	0.004	100	ND	<0.122	5.6	1.38
APRIL -2005	0.025	130	0.16	<0.122	7.7	1.61
MAY -2005	0.028	173	ND	<0.122	9.0	1.59
JUNE -2005	0.033	196	0.26	<0.122	13.9	1.53
JULY -2005	0.064	253	0.12	<0.122	14.0	1.56
AUGUST -2005	NS	NS	NS	NS	NS	NS
SEPTEMBER-2005	NS	NS	NS	NS	NS	NS
OCTOBER -2005	0.045	442	ND	<0.122	8.6	1.50
NOVEMBER -2005	0.050	229	0.19	<0.122	11.7	1.80
DECEMBER -2005	0.039	156	0.10	<0.122	8.2	1.74
Annual Average:	0.035	188	0.097	<0.122	10.2	1.58

ND= Not Detected
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NS= Not Sampled

2005
(N01-PEN) Penasquitos Influent - Annual Averages

	Silver .156 UG/L	Thallium 1.806 UG/L	Vanadium .4755 MG/L	Zinc .5435 UG/L	Calcium .034 MG/L	Magnesium .014 MG/L
JANUARY -2005	1.57	ND	<0.476	95	90.4	41.0
FEBRUARY -2005	0.98	ND	<0.476	91	79.2	40.5
MARCH -2005	0.63	ND	<0.476	93	94.7	46.4
APRIL -2005	3.68	ND	<0.476	124	81.1	39.3
MAY -2005	1.09	ND	<0.476	99	90.0	42.1
JUNE -2005	1.83	ND	<0.476	122	89.6	37.8
JULY -2005	2.24	ND	<0.476	157	141.0	76.9
AUGUST -2005	NS	NS	NS	NS	NS	NS
SEPTEMBER-2005	NS	NS	NS	NS	NS	NS
OCTOBER -2005	0.53	ND	<0.476	110	77.6	35.6
NOVEMBER -2005	2.27	ND	<0.476	133	73.3	32.8
DECEMBER -2005	0.83	ND	<0.476	109	84.3	35.9
Annual Average:	1.57	ND	<0.476	113	90.1	42.8

	Potassium .04 MG/L	Sodium .223 MG/L	Chloride 7 MG/L	Fluoride .05 MG/L	Sulfate 0.5 MG/L	Total Dissolved Solids 42 MG/L
JANUARY -2005	13.6	191	NS	NS	NS	990
FEBRUARY -2005	15.7	184	251	0.337	217	946
MARCH -2005	15.5	196	NS	NS	NS	964
APRIL -2005	14.3	173	NS	NS	NS	923
MAY -2005	16.5	179	232	0.299	237	936
JUNE -2005	14.8	166	NS	NS	NS	992
JULY -2005	31.8	393	NS	NS	NS	960
AUGUST -2005	NS	NS	NS	NS	NS	NS
SEPTEMBER-2005	NS	NS	NS	NS	NS	913
OCTOBER -2005	15.4	183	242	0.401	226	955
NOVEMBER -2005	12.6	139	NS	NS	NS	930
DECEMBER -2005	16.7	159	NS	NS	NS	950
Annual Average:	16.7	196	242	0.346	227	951

	Total Cyanides .002 MG/L
JANUARY -2005	ND
FEBRUARY -2005	ND
MARCH -2005	ND
APRIL -2005	ND
MAY -2005	ND
JUNE -2005	ND
JULY -2005	0.0023
AUGUST -2005	NS
SEPTEMBER-2005	NS
OCTOBER -2005	0.0026
NOVEMBER -2005	0.0026
DECEMBER -2005	ND
Annual Average:	<0.002

ND= Not Detected
NA= Not Analyzed
NS= Not Sampled

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Metals and Ions

Source:			N10-EFF	N10-EFF	N10-EFF	N10-EFF	N01-PS_INF
Date:			08-FEB-2005	10-MAY-2005	09-AUG-2005	04-OCT-2005	08-FEB-2005
Sample ID:	MDL	Units	P285802	P295123	P305452	P314614	P285792
Aluminum	6.6	UG/L	565	503	490	795	1280
Antimony	1.015	UG/L	ND	<1	ND	ND	ND
Arsenic	.4	UG/L	1.03	1.12	1.07	1.10	1.29
Barium	.02015	UG/L	74	77	103	97	93
Beryllium	.0395	UG/L	ND	ND	ND	ND	ND
Boron	1.101	UG/L	391	403	387	447	396
Cadmium	.1945	UG/L	0.8	0.3	0.3	ND	0.6
Chromium	.1885	UG/L	3	2	8	<0	4
Cobalt	.162	UG/L	ND	ND	1	ND	ND
Copper	.3925	UG/L	99	56	82	72	151
Iron	.785	UG/L	408	2220	367	4200	526
Lead	1.384	UG/L	ND	ND	ND	ND	ND
Manganese	.0494	UG/L	179	200	186	241	215
Mercury	.09	UG/L	ND	ND	ND	ND	0.16
Molybdenum	.122	UG/L	10	10	16	11	10
Nickel	.2675	UG/L	9	7	7	6	9
Selenium	.28	UG/L	0.94	1.77	1.32	1.09	1.10
Silver	.156	UG/L	1.4	2.0	2.7	1.0	4.0
Thallium	1.806	UG/L	ND	ND	ND	ND	ND
Vanadium	.4755	UG/L	1	2	1	1	2
Zinc	.5435	UG/L	70	50	65	69	121
Bromide	.1	MG/L	0.44	0.57	0.51	0.57	0.58
Chloride	7	MG/L	265	262	260	295	283
Fluoride	.05	MG/L	0.34	0.36	0.27	0.40	0.34
Nitrate	.04	MG/L	ND	ND	ND	ND	ND
Ortho Phosphate	.2	MG/L	8.24	5.30	6.82	5.51	8.10
Sulfate	9	MG/L	205	240	269	245	210
Calcium	.034	MG/L	75	88	92	85	79
Lithium	.001	MG/L	0.03	0.03	0.04	0.05	0.03
Magnesium	.014	MG/L	36	40	40	40	37
Potassium	.04	MG/L	15	16	16	19	17
Sodium	.223	MG/L	184	186	198	256	196
Calcium Hardness	.2	MG/L	188	218	228	212	198
Magnesium Hardness	.08	MG/L	149	165	165	163	151
Total Hardness	.22	MG/L	336	384	393	375	348
Cyanides,Total	.002	MG/L	ND	ND	ND	ND	ND
Sulfides-Total	.18	MG/L	0.30	0.40	0.39	1.75	0.65
Total Kjeldahl Nitrogen	1.6	MG/L	40.5	37.3	38.1	43.1	39.9
Ammonia-N	.2	MG/L	28.0	25.4	29.3	33.5	31.3
Adjusted Sodium Adsorption		RATIO	NR	NR	NR	NR	NR
Percent Sodium		PERCENT	NR	NR	NR	NR	NR

ND= Not Detected
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NS= Not Sampled
NR= Not Required

N10-EFF = Primary Effluent
N01-PS_INF = North City Pump Station Influent (PS #64)
N01-PEN = Penasquitos Pump Station Influent
N34-REC WATER = Reclaimed Water

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Metals and Ions

Source:			N01-PS_INF	N01-PS_INF	N01-PS_INF	N01-PEN	N01-PEN
Date:			10-MAY-2005	09-AUG-2005	04-OCT-2005	08-FEB-2005	10-MAY-2005
Sample ID:	MDL	Units	P295113	P305442	P314604	P285797	P295118
Aluminum	6.6	UG/L	857	1250	1040	882	1640
Antimony	1.015	UG/L	ND	ND	ND	ND	ND
Arsenic	.4	UG/L	1.45	1.12	0.98	1.11	1.82
Barium	.02015	UG/L	106	124	130	97	104
Beryllium	.0395	UG/L	ND	ND	ND	ND	ND
Boron	1.101	UG/L	381	373	429	359	353
Cadmium	.1945	UG/L	0.2	0.4	ND	0.9	ND
Chromium	.1885	UG/L	2	2	2	4	8
Cobalt	.162	UG/L	<0	1	<0	ND	1
Copper	.3925	UG/L	101	121	118	86	84
Iron	.785	UG/L	863	581	838	305	8700
Lead	1.384	UG/L	2	2	3	ND	2
Manganese	.0494	UG/L	227	183	198	78.3	173
Mercury	.09	UG/L	0.10	0.13	0.15	ND	ND
Molybdenum	.122	UG/L	14	12	12	9	9
Nickel	.2675	UG/L	7	7	5	10	9
Selenium	.28	UG/L	1.46	1.47	1.42	1.27	1.59
Silver	.156	UG/L	4.2	3.1	3.5	1.0	1.1
Thallium	1.806	UG/L	ND	ND	ND	ND	ND
Vanadium	.4755	UG/L	1	2	1	4	6
Zinc	.5435	UG/L	93	115	116	91	99
Bromide	.1	MG/L	0.68	0.35	1.14	0.42	0.44
Chloride	7	MG/L	307	259	310	251	232
Fluoride	.05	MG/L	0.30	0.18	0.40	0.34	0.30
Nitrate	.04	MG/L	ND	ND	ND	ND	0.64
Ortho Phosphate	.2	MG/L	8.81	8.52	9.60	8.06	ND
Sulfate	9	MG/L	244	264	239	217	237
Calcium	.034	MG/L	97	91	87	79	90
Lithium	.001	MG/L	0.04	0.04	0.05	0.02	0.03
Magnesium	.014	MG/L	42	40	40	41	42
Potassium	.04	MG/L	17	16	18	16	17
Sodium	.223	MG/L	209	199	244	184	179
Calcium Hardness	.2	MG/L	243	225	217	198	225
Magnesium Hardness	.08	MG/L	175	164	166	167	173
Total Hardness	.22	MG/L	417	389	383	365	398
Cyanides,Total	.002	MG/L	0.013	ND	ND	ND	ND
Sulfides-Total	.18	MG/L	0.47	1.38	1.22	0.48	2.21
Total Kjeldahl Nitrogen	1.6	MG/L	36.9	42.4	47.5	38.1	43.5
Ammonia-N	.2	MG/L	28.1	32.3	34.6	25.7	27.5
Adjusted Sodium Adsorption		RATIO	NR	NR	NR	NR	NR
Percent Sodium		PERCENT	NR	NR	NR	NR	NR

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N10-EFF = Primary Effluent
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Metals and Ions

Source:			N01-PEN	N34-REC WATER	N34-REC WATER	N34-REC WATER	N34-REC WATER
Date:			04-OCT-2005	08-FEB-2005	10-MAY-2005	09-AUG-2005	04-OCT-2005
Sample ID:	MDL	Units	P314609	P285807	P295128	P305457	P314619
Aluminum	6.6	UG/L	2180	58	28	78	44
Antimony	1.015	UG/L	2	ND	2	ND	ND
Arsenic	.4	UG/L	2.19	0.76	1.02	0.81	0.48
Barium	.02015	UG/L	116	39	32	65	41
Beryllium	.0395	UG/L	ND	ND	ND	ND	ND
Boron	1.101	UG/L	417	403	413	409	386
Cadmium	.1945	UG/L	0.2	1.2	0.2	0.3	ND
Chromium	.1885	UG/L	7	1	<0	1	ND
Cobalt	.162	UG/L	ND	ND	ND	<0	ND
Copper	.3925	UG/L	88	12	5	24	7
Iron	.785	UG/L	26300	53	135	45	136
Lead	1.384	UG/L	ND	ND	ND	ND	ND
Manganese	.0494	UG/L	442	90.8	148	92.4	96.9
Mercury	.09	UG/L	ND	ND	ND	ND	ND
Molybdenum	.122	UG/L	10	7	7	13	7
Nickel	.2675	UG/L	9	7	7	6	5
Selenium	.28	UG/L	1.50	0.65	0.74	0.80	0.70
Silver	.156	UG/L	0.5	0.3	ND	ND	ND
Thallium	1.806	UG/L	ND	ND	ND	ND	ND
Vanadium	.4755	UG/L	6	1	1	1	ND
Zinc	.5435	UG/L	110	29	12	38	8
Bromide	.1	MG/L	0.41	ND	ND	ND	ND
Chloride	7	MG/L	242	269	249	243	208
Fluoride	.05	MG/L	0.40	0.35	0.32	0.22	0.34
Nitrate	.04	MG/L	ND	33.50	41.60	44.90	35.50
Ortho Phosphate	.2	MG/L	ND	3.65	ND	3.11	2.08
Sulfate	9	MG/L	226	173	211	237	201
Calcium	.034	MG/L	78	59	79	74	63
Lithium	.001	MG/L	0.05	0.02	0.03	0.05	0.04
Magnesium	.014	MG/L	36	28	36	33	28
Potassium	.04	MG/L	15	12	14	13	12
Sodium	.223	MG/L	183	202	202	189	181
Calcium Hardness	.2	MG/L	194	147	198	183	157
Magnesium Hardness	.08	MG/L	147	114	147	135	117
Total Hardness	.22	MG/L	340	261	345	318	273
Cyanides,Total	.002	MG/L	0.003	0.009	0.013	0.010	0.007
Sulfides-Total	.18	MG/L	2.67	ND	ND	ND	ND
Total Kjeldahl Nitrogen	1.6	MG/L	43.2	ND	ND	ND	ND
Ammonia-N	.2	MG/L	29.9	ND	0.2	ND	ND
Adjusted Sodium Adsorption		RATIO	NR	5.6	4.9	4.7	4.6
Percent Sodium		PERCENT	NR	61.4	54.8	55.0	57.7

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N10-EFF = Primary Effluent
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Radiation

Source	Sample Date	Sample ID	Gross Alpha Radiation	Gross Beta Radiation
N10-EFF	08-FEB-2005	P285802	1.7 ± 1.2	13.1 ± 3.2
N10-EFF	10-MAY-2005	P295123	6.4 ± 1.9	11.4 ± 4.2
N10-EFF	09-AUG-2005	P305452	1.5 ± 1.0	14.3 ± 4.0
N10-EFF	04-OCT-2005	P314614	5.1 ± 0.8	12.9 ± 3.3
N01-PS_INF	08-FEB-2005	P285792	1.8 ± 1.5	11.8 ± 3.1
N01-PS_INF	10-MAY-2005	P295113	5.9 ± 1.7	12.5 ± 3.2
N01-PS_INF	09-AUG-2005	P305442	4.4 ± 1.5	16.0 ± 3.8
N01-PS_INF	04-OCT-2005	P314604	5.8 ± 1.2	11.8 ± 3.3
N01-PEN	08-FEB-2005	P285797	9.0 ± 1.7	11.8 ± 3.1
N01-PEN	10-MAY-2005	P295118	8.6 ± 1.8	13.6 ± 4.6
N01-PEN	04-OCT-2005	P314609	9.8 ± 2.2	12.1 ± 3.4
N34-REC WATER	08-FEB-2005	P285807	0.5 ± 0.8	5.5 ± 2.7
N34-REC WATER	10-MAY-2005	P295128	1.6 ± 0.9	9.9 ± 2.0
N34-REC WATER	09-AUG-2005	P305457	1.6 ± 0.7	10.7 ± 2.9
N34-REC WATER	04-OCT-2005	P314619	1.5 ± 0.9	6.2 ± 2.4

Units in picocuries per Liter (pCi/L)

N10-EFF = Primary Effluent
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N01-PEN = Penasquitos Pump Station Influent
N34-REC WATER = Reclaimed Water

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Physical Parameters

Analytes	MDL	Units	N01-PS_INF 08-FEB-2005	N01-PS_INF 09-FEB-2005	N01-PS_INF 10-MAY-2005	N01-PS_INF 11-MAY-2005
Ammonia-N	.2	MG/L	31.3	NR	28.1	NR
BOD (Biochemical Oxygen Demand)	2	MG/L	253	NR	183	NR
Hexane Extractable Material	1.4	MG/L	NR	27.8	NR	34.7
Chemical Oxygen Demand	22	MG/L	189	NR	180	NR
Conductivity	10	UMHOS/CM	1860	NR	2000	NR
MBAS (Surfactants)	.03	MG/L	7.8	NR	7.7	NR
pH (grab)		PH	NR	7.2	NR	7.2
pH (composite)		PH	7.5	NR	7.5	NR
Total Alkalinity (bicarbonate)	1.5	MG/L	279	NR	278	NR
Total Dissolved Solids	42	MG/L	1050	NR	1110	NR
Total Suspended Solids	1.6	MG/L	232.0	NR	164.0	NR
Volatile Suspended Solids	1.6	MG/L	206.0	NR	144.0	NR
Total Kjeldahl Nitrogen	1.6	MG/L	39.9	NR	36.9	NR
Turbidity		NTU	130.0	NR	96.0	NR

Analytes	MDL	Units	N01-PS_INF 09-AUG-2005	N01-PS_INF 10-AUG-2005	N01-PS_INF 04-OCT-2005	N01-PS_INF 05-OCT-2005
Ammonia-N	.2	MG/L	32.3	NR	34.6	NR
BOD (Biochemical Oxygen Demand)	2	MG/L	166.0	NR	209.0	NR
Hexane Extractable Material	1.4	MG/L	NR	21.5	NR	43.1
Chemical Oxygen Demand	22	MG/L	596	NR	289	NR
Conductivity	10	UMHOS/CM	1880	NR	2090	NR
Grease/oil		MG/L	NR	NR	NR	NR
MBAS (Surfactants)	.03	MG/L	9.2	NR	8.5	NR
pH (grab)		PH	NR	7.3	NR	7.3
pH (composite)		PH	7.5	NR	7.7	NR
Total Alkalinity (bicarbonate)	1.5	MG/L	271	NR	288	NR
Total Dissolved Solids	42	MG/L	1340	NR	1140	NR
Total Suspended Solids	1.6	MG/L	140.0	NR	174.0	NR
Volatile Suspended Solids	1.6	MG/L	124.0	NR	148.0	NR
Total Kjeldahl Nitrogen	1.6	MG/L	42.4	NR	47.5	NR
Turbidity		NTU	100.0	NR	130.0	NR

NA= Not Analyzed
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NR= Not Required

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Physical Parameters

Analytes	MDL	Units	N01-PEN 08-FEB-2005	N01-PEN 09-FEB-2005	N01-PEN 10-MAY-2005	N01-PEN 11-MAY-2005
Ammonia-N	.2	MG/L	25.7	NR	27.5	NR
BOD (Biochemical Oxygen Demand)	2	MG/L	167.0	NR	143.0	NR
Hexane Extractable Material	1.4	MG/L	NR	55.7	NR	57.0
Chemical Oxygen Demand	22	MG/L	155	NR	112	NR
Conductivity	10	UMHOS/CM	1800	NR	1770	NR
MBAS (Surfactants)	.03	MG/L	6.8	NR	7.3	NR
pH (grab)		PH	NR	7.3	NR	7.2
pH (composite)		PH	7.6	NR	7.5	NR
Total Alkalinity (bicarbonate)	1.5	MG/L	281	NR	277	NR
Total Dissolved Solids	42	MG/L	1030	NR	900	NR
Total Suspended Solids	1.6	MG/L	154.0	NR	190.0	NR
Volatile Suspended Solids	1.6	MG/L	136.0	NR	162.0	NR
Total Kjeldahl Nitrogen	1.6	MG/L	38.1	NR	43.5	NR
Turbidity		NTU	100.0	NR	130.0	NR

Analytes	MDL	Units	N01-PEN 09-AUG-2005	N01-PEN 10-AUG-2005	N01-PEN 04-OCT-2005	N01-PEN 05-OCT-2005
Ammonia-N	.2	MG/L	NA*	NA*	29.9	NR
BOD (Biochemical Oxygen Demand)	2	MG/L	NA*	NA*	221.0	NR
Hexane Extractable Material	1.4	MG/L	NA*	NA*	NR	52.9
Chemical Oxygen Demand	22	MG/L	NA*	NA*	135	NR
Conductivity	10	UMHOS/CM	NA*	NA*	1780	NR
MBAS (Surfactants)	.03	MG/L	NA*	NA*	6.6	NR
pH (grab)		PH	NA*	NA*	NR	7.2
pH (composite)		PH	NA*	NA*	7.3	NR
Total Alkalinity (bicarbonate)	1.5	MG/L	NA*	NA*	252	NR
Total Dissolved Solids	42	MG/L	NA*	NA*	932	NR
Total Suspended Solids	1.6	MG/L	NA*	NA*	286.0	NR
Volatile Suspended Solids	1.6	MG/L	NA*	NA*	218.0	NR
Total Kjeldahl Nitrogen	1.6	MG/L	NA*	NA*	43.2	NR
Turbidity		NTU	NA*	NA*	190.0	NR

*=Penasquitos Pump Station was off-line. Flow was diverted to N01-PS_INF.

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NR= Not Required

North City Water Reclamation Plant
Annual Monitoring Report

2005

Physical Parameters

Analytes	MDL	Units	N10-EFF 08-FEB-2005	N10-EFF 09-FEB-2005	N10-EFF 10-MAY-2005	N10-EFF 11-MAY-2005
Ammonia-N	.2	MG/L	28.0	NR	25.4	NR
BOD (Biochemical Oxygen Demand)	2	MG/L	142.0	NR	126.0	NR
Hexane Extractable Material	1.4	MG/L	NR	35.6	NR	36.4
Chemical Oxygen Demand	22	MG/L	205	NR	266	NR
Conductivity	10	UMHOS/CM	1820	NR	1840	NR
MBAS (Surfactants)	.03	MG/L	7.9	NR	7.0	NR
pH (grab)		PH	NR	7.4	NR	7.4
pH (composite)		PH	7.6	NR	7.6	NR
Total Alkalinity (bicarbonate)	1.5	MG/L	266	NR	269	NR
Total Dissolved Solids	42	MG/L	1020	NR	1040	NR
Total Suspended Solids	1.6	MG/L	81.0	NR	83.0	NR
Volatile Suspended Solids	1.6	MG/L	68.0	NR	71.0	NR
Total Kjeldahl Nitrogen	1.6	MG/L	40.5	NR	37.3	NR
Turbidity		NTU	76.0	NR	77.0	NR

Analytes	MDL	Units	N10-EFF 09-AUG-2005	N10-EFF 10-AUG-2005	N10-EFF 04-OCT-2005	N10-EFF 05-OCT-2005
Ammonia-N	.2	MG/L	29.3	NR	33.5	NR
BOD (Biochemical Oxygen Demand)	2	MG/L	132.0	NR	133.0	NR
Hexane Extractable Material	1.4	MG/L	NR	25.9	NR	25.2
Chemical Oxygen Demand	22	MG/L	358	NR	219	NR
Conductivity	10	UMHOS/CM	1890	NR	2010	NR
MBAS (Surfactants)	.03	MG/L	9.3	NR	7.7	NR
pH (grab)		PH	NR	7.3	NR	7.3
pH (composite)		PH	7.5	NR	7.5	NR
Total Alkalinity (bicarbonate)	1.5	MG/L	261	NR	278	NR
Total Dissolved Solids	42	MG/L	1400	NR	1080	NR
Total Suspended Solids	1.6	MG/L	67.0	NR	105.0	NR
Volatile Suspended Solids	1.6	MG/L	58.0	NR	80.0	NR
Total Kjeldahl Nitrogen	1.6	MG/L	38.1	NR	43.1	NR
Turbidity		NTU	68.0	NR	79.0	NR

NA= Not Analyzed
ND= Not Detected
NR= Not Required

North City Water Reclamation Plant
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Physical Parameters

Analytes	MDL	Units	N34-REC WATER 08-FEB-2005	N34-REC WATER 09-FEB-2005	N34-REC WATER 10-MAY-2005	N34-REC WATER 11-MAY-2005
Ammonia-N	.2	MG/L	ND	NR	0.2	NR
BOD (Biochemical Oxygen Demand)	2	MG/L	ND	NR	ND	NR
Hexane Extractable Material	1.4	MG/L	NR	2.5	NR	1.6
Chemical Oxygen Demand	22	MG/L	33	NR	40	NR
Conductivity	10	UMHOS/CM	1540	NR	1540	NR
MBAS (Surfactants)	.03	MG/L	0.1	NR	0.2	NR
pH (grab)		PH	NR	7.3	NR	7.3
pH (composite)		PH	7.6	NR	7.5	NR
Total Alkalinity (bicarbonate)	1.5	MG/L	121	NR	132	NR
Total Dissolved Solids	42	MG/L	912	NR	912	NR
Total Suspended Solids	1.6	MG/L	ND	NR	ND	NR
Volatile Suspended Solids	1.6	MG/L	ND	NR	ND	NR
Total Kjeldahl Nitrogen	1.6	MG/L	ND	NR	ND	NR
Total Organic Carbon		MG/L	9.0	NR	8.8	NR
Turbidity		NTU	1.2	NR	1.9	NR

Analytes	MDL	Units	N34-REC WATER 09-AUG-2005	N34-REC WATER 10-AUG-2005	N34-REC WATER 04-OCT-2005	N34-REC WATER 05-OCT-2005
Ammonia-N	.2	MG/L	ND	NR	ND	NR
BOD (Biochemical Oxygen Demand)	2	MG/L	ND	NR	ND	NR
Hexane Extractable Material	1.4	MG/L	NR	ND	NR	2.6
Chemical Oxygen Demand	22	MG/L	34	NR	29	NR
Conductivity	10	UMHOS/CM	1580	NR	1400	NR
MBAS (Surfactants)	.03	MG/L	0.2	NR	0.1	NR
pH (grab)		PH	NR	7.2	NR	7.4
pH (composite)		PH	7.4	NR	7.8	NR
Total Alkalinity (bicarbonate)	1.5	MG/L	123	NR	116	NR
Total Dissolved Solids	42	MG/L	1270	NR	808	NR
Total Suspended Solids	1.6	MG/L	ND	NR	ND	NR
Volatile Suspended Solids	1.6	MG/L	ND	NR	ND	NR
Total Kjeldahl Nitrogen	1.6	MG/L	ND	NR	ND	NR
Total Organic Carbon		MG/L	8.8	NR	6.9	NR
Turbidity		NTU	1.1	NR	0.9	NR

NA= Not Analyzed
ND= Not Detected
NR= Not Required

North City Water Reclamation Plant
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Organo-Tins

Analyte	MDL	Units	N01-PS_INF 08-FEB-2005 P285792	N01-PS_INF 10-MAY-2005 P295113	N01-PS_INF 09-AUG-2005 P305442	N01-PS_INF 04-OCT-2005 P314604	N01-PEN 08-FEB-2005 P285797
Tributyl tin	2	UG/L	ND	ND	ND	ND	ND
Dibutyl tin	7	UG/L	ND	ND	ND	ND	ND
Monobutyl Tin	16	UG/L	ND	ND	ND	ND	ND

Analyte	MDL	Units	N01-PEN 10-MAY-2005 P295118	N01-PEN 04-OCT-2005 P314609	N10-EFF 08-FEB-2005 P285802	N10-EFF 10-MAY-2005 P295123	N10-EFF 09-AUG-2005 P305452
Tributyl tin	2	UG/L	ND	ND	ND	ND	ND
Dibutyl tin	7	UG/L	ND	ND	ND	ND	ND
Monobutyl Tin	16	UG/L	ND	ND	ND	ND	ND

Analyte	MDL	Units	N10-EFF 04-OCT-2005 P314614	N34-REC WATER 08-FEB-2005 P285807	N34-REC WATER 10-MAY-2005 P295128	N34-REC WATER 09-AUG-2005 P305457	N34-REC WATER 04-OCT-2005 P314619
Tributyl tin	2	UG/L	ND	ND	ND	ND	ND
Dibutyl tin	7	UG/L	ND	ND	ND	ND	ND
Monobutyl Tin	16	UG/L	ND	ND	ND	ND	ND

NA= Not Analyzed
ND= Not Detected
NR= Not Required

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Chlorinated Pesticides

Analyte	MDL	Units	N01-PS_INF 08-FEB-2005 P285792	N01-PS_INF 10-MAY-2005 P295113	N01-PS_INF 09-AUG-2005 P305442	N01-PS_INF 04-OCT-2005 P314604	N01-PEN 08-FEB-2005 P285797
Aldrin	60	NG/L	ND	ND	ND	ND	ND
BHC, Alpha isomer	20	NG/L	ND	ND	ND	ND	ND
BHC, Beta isomer	20	NG/L	ND	ND	ND	ND	ND
BHC, Delta isomer	20	NG/L	ND	ND	ND	ND	ND
BHC, Gamma isomer	10	NG/L	ND	12	ND	ND	ND
Alpha (cis) Chlordane	30	NG/L	ND	ND	ND	ND	ND
Gamma (trans) Chlordane	80	NG/L	ND	ND	ND	ND	ND
Alpha Chlordene		NG/L	NA	NA	NA	NA	NA
Gamma Chlordene		NG/L	NA	NA	NA	NA	NA
Cis Nonachlor	20	NG/L	ND	ND	ND	ND	ND
Dieldrin	50	NG/L	ND	ND	ND	ND	ND
Endosulfan Sulfate	20	NG/L	ND	ND	ND	ND	ND
Alpha Endosulfan	30	NG/L	ND	ND	ND	ND	ND
Beta Endosulfan	20	NG/L	ND	ND	ND	ND	ND
Endrin	50	NG/L	ND	ND	ND	ND	ND
Endrin aldehyde	20	NG/L	ND	ND	ND	ND	ND
Heptachlor	20	NG/L	ND	ND	ND	ND	ND
Heptachlor epoxide	20	NG/L	ND	ND	ND	ND	ND
Methoxychlor	60	NG/L	ND	ND	ND	ND	ND
Mirex	20	NG/L	ND	ND	ND	ND	ND
o,p-DDD	20	NG/L	ND	ND	ND	ND	ND
o,p-DDE	100	NG/L	ND	ND	ND	ND	ND
o,p-DDT	20	NG/L	ND	ND	ND	ND	ND
Oxychlordane	20	NG/L	ND	ND	ND	ND	ND
PCB 1016	4000	NG/L	ND	ND	ND	ND	ND
PCB 1221	4000	NG/L	ND	ND	ND	ND	ND
PCB 1232	4000	NG/L	ND	ND	ND	ND	ND
PCB 1242	4000	NG/L	ND	ND	ND	ND	ND
PCB 1248	2000	NG/L	ND	ND	ND	ND	ND
PCB 1254	2000	NG/L	ND	ND	ND	ND	ND
PCB 1260	2000	NG/L	ND	ND	ND	ND	ND
PCB 1262	2000	NG/L	ND	ND	ND	ND	ND
p,p-DDD	20	NG/L	ND	ND	ND	ND	ND
p,p-DDE	20	NG/L	ND	ND	ND	ND	ND
p,p-DDT	50	NG/L	ND	ND	ND	ND	ND
Toxaphene	4000	NG/L	ND	ND	ND	ND	ND
Trans Nonachlor	20	NG/L	ND	ND	ND	ND	ND
Heptachlors	20	NG/L	0	0	0	0	0
Endosulfans	30	NG/L	0	0	0	0	0
Polychlorinated biphenyls	4000	NG/L	0	0	0	0	0
Chlordane + related cmpds.	80	NG/L	0	0	0	0	0
DDT and derivatives	100	NG/L	0	0	0	0	0
Hexachlorocyclohexanes	20	NG/L	0	12	0	0	0
Aldrin + Dieldrin	60	NG/L	0	0	0	0	0
Chlorinated Hydrocarbons	4000	NG/L	0	12	0	0	0

NA= Not Analyzed
ND= Not Detected
NR= Not Required

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Chlorinated Pesticides

Analyte	MDL	Units	N01-PEN 10-MAY-2005 P295118	N01-PEN 04-OCT-2005 P314609	N10-EFF 08-FEB-2005 P285802	N10-EFF 10-MAY-2005 P295123	N10-EFF 09-AUG-2005 P305452
Aldrin	60	NG/L	ND	ND	ND	ND	ND
BHC, Alpha isomer	20	NG/L	ND	ND	ND	ND	ND
BHC, Beta isomer	20	NG/L	ND	ND	ND	ND	ND
BHC, Delta isomer	20	NG/L	ND	ND	ND	ND	ND
BHC, Gamma isomer	10	NG/L	ND	14	ND	10	ND
Alpha (cis) Chlordane	30	NG/L	ND	ND	ND	ND	ND
Gamma (trans) Chlordane	80	NG/L	ND	ND	ND	ND	ND
Alpha Chlordene		NG/L	NA	NA	NA	NA	NA
Gamma Chlordene		NG/L	NA	NA	NA	NA	NA
Cis Nonachlor	20	NG/L	ND	ND	ND	ND	ND
Dieldrin	50	NG/L	ND	ND	ND	ND	ND
Endosulfan Sulfate	20	NG/L	ND	ND	ND	ND	ND
Alpha Endosulfan	30	NG/L	ND	ND	ND	ND	ND
Beta Endosulfan	20	NG/L	ND	ND	ND	ND	ND
Endrin	50	NG/L	ND	ND	ND	ND	ND
Endrin aldehyde	20	NG/L	ND	ND	ND	ND	ND
Heptachlor	20	NG/L	ND	ND	ND	ND	ND
Heptachlor epoxide	20	NG/L	ND	ND	ND	ND	ND
Methoxychlor	60	NG/L	ND	ND	ND	ND	ND
Mirex	20	NG/L	ND	ND	ND	ND	ND
o,p-DDD	20	NG/L	ND	ND	ND	ND	ND
o,p-DDE	100	NG/L	ND	ND	ND	ND	ND
o,p-DDT	20	NG/L	ND	ND	ND	ND	ND
Oxychlordane	20	NG/L	ND	ND	ND	ND	ND
PCB 1016	4000	NG/L	ND	ND	ND	ND	ND
PCB 1221	4000	NG/L	ND	ND	ND	ND	ND
PCB 1232	4000	NG/L	ND	ND	ND	ND	ND
PCB 1242	4000	NG/L	ND	ND	ND	ND	ND
PCB 1248	2000	NG/L	ND	ND	ND	ND	ND
PCB 1254	2000	NG/L	ND	ND	ND	ND	ND
PCB 1260	2000	NG/L	ND	ND	ND	ND	ND
PCB 1262	2000	NG/L	ND	ND	ND	ND	ND
p,p-DDD	20	NG/L	ND	ND	ND	ND	ND
p,p-DDE	20	NG/L	ND	ND	ND	ND	ND
p,p-DDT	50	NG/L	ND	ND	ND	ND	ND
Toxaphene	4000	NG/L	ND	ND	ND	ND	ND
Trans Nonachlor	20	NG/L	ND	ND	ND	ND	ND
Heptachlors	20	NG/L	0	0	0	0	0
Endosulfans	30	NG/L	0	0	0	0	0
Polychlorinated biphenyl	4000	NG/L	0	0	0	0	0
Chlordane + related cmpd.	80	NG/L	0	0	0	0	0
DDT and derivatives	100	NG/L	0	0	0	0	0
Hexachlorocyclohexanes	20	NG/L	0	14	0	10	0
Aldrin + Dieldrin	60	NG/L	0	0	0	0	0
Chlorinated Hydrocarbons	4000	NG/L	0	14	0	10	0

NA= Not Analyzed
ND= Not Detected
NR= Not Required

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Chlorinated Pesticides

Analyte	MDL	Units	N10-EFF 04-OCT-2005 P314614	N34-REC WATER 08-FEB-2005 P285807	N34-REC WATER 10-MAY-2005 P295128	N34-REC WATER 09-AUG-2005 P305457	N34-REC WATER 04-OCT-2005 P314619
Aldrin	60	NG/L	ND	ND	ND	ND	ND
BHC, Alpha isomer	20	NG/L	ND	ND	ND	ND	ND
BHC, Beta isomer	20	NG/L	ND	ND	ND	ND	ND
BHC, Delta isomer	20	NG/L	ND	ND	ND	ND	ND
BHC, Gamma isomer	10	NG/L	21	ND	ND	ND	ND
Alpha (cis) Chlordane	30	NG/L	ND	ND	ND	ND	ND
Gamma (trans) Chlordane	80	NG/L	ND	ND	ND	ND	ND
Alpha Chlordene		NG/L	NA	NA	NA	NA	NA
Gamma Chlordene		NG/L	NA	NA	NA	NA	NA
Cis Nonachlor	20	NG/L	ND	ND	ND	ND	ND
Dieldrin	50	NG/L	ND	ND	ND	ND	ND
Endosulfan Sulfate	20	NG/L	ND	ND	ND	ND	ND
Alpha Endosulfan	30	NG/L	ND	ND	ND	ND	ND
Beta Endosulfan	20	NG/L	ND	ND	ND	ND	ND
Endrin	50	NG/L	ND	ND	ND	ND	ND
Endrin aldehyde	20	NG/L	ND	ND	ND	ND	ND
Heptachlor	20	NG/L	ND	ND	ND	ND	ND
Heptachlor epoxide	20	NG/L	ND	ND	ND	ND	ND
Methoxychlor	60	NG/L	ND	ND	ND	ND	ND
Mirex	20	NG/L	ND	ND	ND	ND	ND
o,p-DDD	20	NG/L	ND	ND	ND	ND	ND
o,p-DDE	100	NG/L	ND	ND	ND	ND	ND
o,p-DDT	20	NG/L	ND	ND	ND	ND	ND
Oxychlordane	20	NG/L	ND	ND	ND	ND	ND
PCB 1016	4000	NG/L	ND	ND	ND	ND	ND
PCB 1221	4000	NG/L	ND	ND	ND	ND	ND
PCB 1232	4000	NG/L	ND	ND	ND	ND	ND
PCB 1242	4000	NG/L	ND	ND	ND	ND	ND
PCB 1248	2000	NG/L	ND	ND	ND	ND	ND
PCB 1254	2000	NG/L	ND	ND	ND	ND	ND
PCB 1260	2000	NG/L	ND	ND	ND	ND	ND
PCB 1262	2000	NG/L	ND	ND	ND	ND	ND
p,p-DDD	20	NG/L	ND	ND	ND	ND	ND
p,p-DDE	20	NG/L	ND	ND	ND	ND	ND
p,p-DDT	50	NG/L	ND	ND	ND	ND	ND
Toxaphene	4000	NG/L	ND	ND	ND	ND	ND
Trans Nonachlor	20	NG/L	ND	ND	ND	ND	ND
Heptachlors	20	NG/L	0	0	0	0	0
Endosulfans	30	NG/L	0	0	0	0	0
Polychlorinated biphenyls	4000	NG/L	0	0	0	0	0
Chlordane + related cmpds.	80	NG/L	0	0	0	0	0
DDT and derivatives	100	NG/L	0	0	0	0	0
Hexachlorocyclohexanes	20	NG/L	21	0	0	0	0
Aldrin + Dieldrin	60	NG/L	0	0	0	0	0
Chlorinated Hydrocarbons	4000	NG/L	21	0	0	0	0

NA= Not Analyzed
ND= Not Detected
NR= Not Required

2005
Base/Neutral Compounds

Analyte	MDL	Units	N01-PS_INF 08-FEB-2005 P285792	N01-PS_INF 10-MAY-2005 P295113	N01-PS_INF 09-AUG-2005 P305442	N01-PS_INF 04-OCT-2005 P314604	N01-PEN 08-FEB-2005 P285797
1,2,4-trichlorobenzene	1.44	UG/L	ND	ND	ND	ND	ND
1,2-dichlorobenzene	1.63	UG/L	ND	ND	ND	ND	ND
1,2-diphenylhydrazine	2.49	UG/L	ND	ND	ND	ND	ND
1,3-dichlorobenzene	1.65	UG/L	ND	ND	ND	ND	ND
1,4-dichlorobenzene	2.3	UG/L	ND	ND	ND	ND	ND
2,4-dinitrotoluene	1.49	UG/L	ND	ND	ND	ND	ND
2,6-dinitrotoluene	1.93	UG/L	ND	ND	ND	ND	ND
Dibenzo(A,H)anthracene	6.19	UG/L	ND	ND	ND	ND	ND
Diethyl phthalate	6.97	UG/L	ND	ND	ND	ND	ND
Dimethyl phthalate	3.26	UG/L	ND	ND	ND	ND	ND
Di-n-butyl phthalate	6.49	UG/L	ND	ND	ND	ND	ND
Di-n-octyl phthalate	8.59	UG/L	ND	ND	ND	ND	ND
2-chloronaphthalene	2.41	UG/L	ND	ND	ND	ND	ND
3,3-dichlorobenzidine	2.43	UG/L	ND	ND	ND	ND	ND
3,4-benzo(B)fluoranthene	6.63	UG/L	ND	ND	ND	ND	ND
4-bromophenyl phenyl ether	4.04	UG/L	ND	ND	ND	ND	ND
4-chlorophenyl phenyl ether	3.62	UG/L	ND	ND	ND	ND	ND
Hexachloroethane	3.55	UG/L	ND	ND	ND	ND	ND
Hexachlorobenzene	4.8	UG/L	ND	ND	ND	ND	ND
Hexachlorobutadiene	2.87	UG/L	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene		UG/L	ND	ND	ND	ND	ND
Acenaphthene	2.2	UG/L	ND	ND	ND	ND	ND
Acenaphthylene	2.02	UG/L	ND	ND	ND	ND	ND
Anthracene	4.04	UG/L	ND	ND	ND	ND	ND
Bis-(2-chloroisopropyl) ether	8.95	UG/L	ND	ND	ND	ND	ND
Bis-(2-ethylhexyl) phthalate	10.43	UG/L	ND	22.0	13.9	18.1	ND
Benzidine	1.02	UG/L	ND	ND	ND	ND	ND
Benzo[A]anthracene	7.68	UG/L	ND	ND	ND	ND	ND
Benzo[A]pyrene	6.53	UG/L	ND	ND	ND	ND	ND
Benzo[G,H,I]perylene	6.5	UG/L	ND	ND	ND	ND	ND
Benzo[K]fluoranthene	7.36	UG/L	ND	ND	ND	ND	ND
bis(2-chloroethoxy)methane	1.57	UG/L	ND	ND	ND	ND	ND
bis(2-chloroethyl) ether	2.62	UG/L	ND	ND	ND	ND	ND
Butyl benzyl phthalate	4.77	UG/L	ND	ND	ND	ND	ND
Chrysene	7.49	UG/L	ND	ND	ND	ND	ND
Fluoranthene	6.9	UG/L	ND	ND	ND	ND	ND
Fluorene	2.43	UG/L	ND	ND	ND	ND	ND
Indeno(1,2,3-CD)pyrene	6.27	UG/L	ND	ND	ND	ND	ND
Isophorone	1.93	UG/L	ND	ND	ND	ND	ND
Naphthalene	1.52	UG/L	ND	ND	ND	ND	ND
Nitrobenzene	1.52	UG/L	ND	ND	ND	ND	ND
N-nitrosodimethylamine	2.01	UG/L	ND	ND	ND	ND	ND
N-nitrosodiphenylamine	2.96	UG/L	ND	ND	ND	ND	ND
N-nitrosodi-n-propylamine	1.63	UG/L	ND	ND	ND	ND	ND
Phenanthrene	4.15	UG/L	ND	ND	ND	ND	ND
Pyrene	5.19	UG/L	ND	ND	ND	ND	ND
Polynuc. Aromatic Hydrocarbons	7.68	UG/L	0.0	0.0	0.0	0.0	0.0
Total Dichlorobenzenes	1.65	UG/L	0.0	0.0	0.0	0.0	0.0
Base/Neutral Compounds	10.43	UG/L	0.0	22.0	13.9	18.1	0.0
Additional Analytes Determined							
1-methylnaphthalene	2.18	UG/L	ND	ND	ND	ND	ND
2-methylnaphthalene	2.25	UG/L	ND	ND	ND	ND	ND
2,6-dimethylnaphthalene	3.31	UG/L	ND	ND	ND	ND	ND
2,3,5-trimethylnaphthalene	4.4	UG/L	ND	ND	ND	ND	ND
1-methylphenanthrene	6.29	UG/L	ND	ND	ND	ND	ND
Benzo[e]pyrene	7.67	UG/L	ND	ND	ND	ND	ND
Perylene	6.61	UG/L	ND	ND	ND	ND	ND
Biphenyl	2.43	UG/L	ND	ND	ND	ND	ND

NA= Not Analyzed ND= Not Detected NR= Not Required

2005
Base/Neutral Compounds

Analyte	MDL	Units	N01-PEN 10-MAY-2005 P295118	N01-PEN 04-OCT-2005 P314609	N10-EFF 08-FEB-2005 P285802	N10-EFF 10-MAY-2005 P295123	N10-EFF 09-AUG-2005 P305452
1,2,4-trichlorobenzene	1.44	UG/L	ND	ND	ND	ND	ND
1,2-dichlorobenzene	1.63	UG/L	ND	ND	ND	ND	ND
1,2-diphenylhydrazine	2.49	UG/L	ND	ND	ND	ND	ND
1,3-dichlorobenzene	1.65	UG/L	ND	ND	ND	ND	ND
1,4-dichlorobenzene	2.3	UG/L	ND	ND	ND	ND	ND
2,4-dinitrotoluene	1.49	UG/L	ND	ND	ND	ND	ND
2,6-dinitrotoluene	1.93	UG/L	ND	ND	ND	ND	ND
Dibenzo(A,H)anthracene	6.19	UG/L	ND	ND	ND	ND	ND
Diethyl phthalate	6.97	UG/L	ND	ND	ND	16.5	ND
Dimethyl phthalate	3.26	UG/L	ND	ND	ND	ND	ND
Di-n-butyl phthalate	6.49	UG/L	ND	ND	ND	ND	ND
Di-n-octyl phthalate	8.59	UG/L	ND	ND	ND	ND	ND
2-chloronaphthalene	2.41	UG/L	ND	ND	ND	ND	ND
3,3-dichlorobenzidine	2.43	UG/L	ND	ND	ND	ND	ND
3,4-benzo(B)fluoranthene	6.63	UG/L	ND	ND	ND	ND	ND
4-bromophenyl phenyl ether	4.04	UG/L	ND	ND	ND	ND	ND
4-chlorophenyl phenyl ether	3.62	UG/L	ND	ND	ND	ND	ND
Hexachloroethane	3.55	UG/L	ND	ND	ND	ND	ND
Hexachlorobenzene	4.8	UG/L	ND	ND	ND	ND	ND
Hexachlorobutadiene	2.87	UG/L	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene		UG/L	ND	ND	ND	ND	ND
Acenaphthene	2.2	UG/L	ND	ND	ND	ND	ND
Acenaphthylene	2.02	UG/L	ND	ND	ND	ND	ND
Anthracene	4.04	UG/L	ND	ND	ND	ND	ND
Bis-(2-chloroisopropyl) ether	8.95	UG/L	ND	ND	ND	ND	ND
Bis-(2-ethylhexyl) phthalate	10.43	UG/L	ND	11.5	ND	ND	ND
Benzidine	1.02	UG/L	ND	ND	ND	ND	ND
Benzo[A]anthracene	7.68	UG/L	ND	ND	ND	ND	ND
Benzo[A]pyrene	6.53	UG/L	ND	ND	ND	ND	ND
Benzo[G,H,I]perylene	6.5	UG/L	ND	ND	ND	ND	ND
Benzo[K]fluoranthene	7.36	UG/L	ND	ND	ND	ND	ND
bis(2-chloroethoxy)methane	1.57	UG/L	ND	ND	ND	ND	ND
bis(2-chloroethyl) ether	2.62	UG/L	ND	ND	ND	ND	ND
Butyl benzyl phthalate	4.77	UG/L	ND	ND	ND	ND	ND
Chrysene	7.49	UG/L	ND	ND	ND	ND	ND
Fluoranthene	6.9	UG/L	ND	ND	ND	ND	ND
Fluorene	2.43	UG/L	ND	ND	ND	ND	ND
Indeno(1,2,3-CD)pyrene	6.27	UG/L	ND	ND	ND	ND	ND
Isophorone	1.93	UG/L	ND	ND	ND	ND	ND
Naphthalene	1.52	UG/L	ND	ND	ND	ND	ND
Nitrobenzene	1.52	UG/L	ND	ND	ND	ND	ND
N-nitrosodimethylamine	2.01	UG/L	ND	ND	ND	ND	ND
N-nitrosodiphenylamine	2.96	UG/L	ND	ND	ND	ND	ND
N-nitrosodi-n-propylamine	1.63	UG/L	ND	ND	ND	ND	ND
Phenanthrene	4.15	UG/L	ND	ND	ND	ND	ND
Pyrene	5.19	UG/L	ND	ND	ND	ND	ND
Polynuc. Aromatic Hydrocarbons	7.68	UG/L	0.0	0.0	0.0	0.0	0.0
Total Dichlorobenzenes	1.65	UG/L	0.0	0.0	0.0	0.0	0.0
Base/Neutral Compounds	10.43	UG/L	0.0	11.5	0.0	16.5	0.0

Additional Analytes Determined

1-methylnaphthalene	2.18	UG/L	ND	ND	ND	ND	ND
2-methylnaphthalene	2.25	UG/L	ND	ND	ND	ND	ND
2,6-dimethylnaphthalene	3.31	UG/L	ND	ND	ND	ND	ND
2,3,5-trimethylnaphthalene	4.4	UG/L	ND	ND	ND	ND	ND
1-methylphenanthrene	6.29	UG/L	ND	ND	ND	ND	ND
Benzo[e]pyrene	7.67	UG/L	ND	ND	ND	ND	ND
Perylene	6.61	UG/L	ND	ND	ND	ND	ND
Biphenyl	2.43	UG/L	ND	ND	ND	ND	ND

NA= Not Analyzed ND= Not Detected NR= Not Required

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Organophosphorous Pesticides

Analyte	MDL	Units	N01-PS_INF 10-MAY-2005 P295113	N01-PS_INF 04-OCT-2005 P314604	N01-PEN 10-MAY-2005 P295118	N01-PEN 04-OCT-2005 P314609
Demeton O	.15	UG/L	ND	ND	ND	ND
Demeton S	.08	UG/L	ND	ND	ND	ND
Diazinon	.03	UG/L	ND	ND	ND	0.040
Guthion	.15	UG/L	ND	ND	ND	ND
Malathion	.03	UG/L	ND	ND	ND	ND
Parathion	.03	UG/L	ND	ND	ND	ND
Thiophosphorus Pesticides	.15	UG/L	0.000	0.000	0.000	0.000
Demeton -O, -S	.15	UG/L	0.000	0.000	0.000	0.000
Total Organophosphorus Pesticides	.3	UG/L	0.000	0.000	0.000	0.040
Tetraethylpyrophosphate		UG/L	NA	NA	NA	NA
Dichlorvos	.05	UG/L	ND	ND	ND	ND
Dibrom	.2	UG/L	ND	ND	ND	ND
Ethoprop	.04	UG/L	ND	ND	ND	ND
Phorate	.04	UG/L	ND	ND	ND	ND
Sulfotepp	.04	UG/L	ND	ND	ND	ND
Disulfoton	.02	UG/L	ND	ND	ND	ND
Monocrotophos		UG/L	NA	NA	NA	NA
Dimethoate	.04	UG/L	ND	ND	ND	ND
Ronnel	.03	UG/L	ND	ND	ND	ND
Trichloronate	.04	UG/L	ND	ND	ND	ND
Merphos	.09	UG/L	ND	ND	ND	ND
Dichlofenthion	.03	UG/L	ND	ND	ND	ND
Tokuthion	.06	UG/L	ND	ND	ND	ND
Stirophos	.03	UG/L	ND	ND	ND	ND
Bolstar	.07	UG/L	ND	ND	ND	ND
Fensulfothion	.07	UG/L	ND	ND	ND	ND
EPN	.09	UG/L	ND	ND	ND	ND
Coumaphos	.15	UG/L	ND	ND	ND	ND
Mevinphos, e isomer	.05	UG/L	ND	ND	ND	ND
Mevinphos, z isomer	.3	UG/L	ND	ND	ND	ND
Chlorpyrifos	.03	UG/L	ND	ND	ND	ND

NA= Not Analyzed
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Organophosphorous Pesticides

Analyte	MDL	Units	N10-EFF 10-MAY-2005 P295123	N10-EFF 04-OCT-2005 P314614	N34-REC WATER 10-MAY-2005 P295128	N34-REC WATER 04-OCT-2005 P314619
Demeton O	.15	UG/L	ND	ND	ND	ND
Demeton S	.08	UG/L	ND	ND	ND	ND
Diazinon	.03	UG/L	ND	ND	0.100	ND
Guthion	.15	UG/L	ND	ND	ND	ND
Malathion	.03	UG/L	ND	ND	ND	ND
Parathion	.03	UG/L	ND	ND	ND	ND
Thiophosphorus Pesticides	.15	UG/L	0.000	0.000	0.000	0.000
Demeton -O, -S	.15	UG/L	0.000	0.000	0.000	0.000
Total Organophosphorus Pesticides	.3	UG/L	0.000	0.000	0.100	0.000
Tetraethylpyrophosphate		UG/L	NA	NA	NA	NA
Dichlorvos	.05	UG/L	ND	ND	ND	ND
Dibrom	.2	UG/L	ND	ND	ND	ND
Ethoprop	.04	UG/L	ND	ND	ND	ND
Phorate	.04	UG/L	ND	ND	ND	ND
Sulfotepp	.04	UG/L	ND	ND	ND	ND
Disulfoton	.02	UG/L	ND	ND	ND	ND
Monocrotophos		UG/L	NA	NA	NA	NA
Dimethoate	.04	UG/L	ND	ND	ND	ND
Ronnel	.03	UG/L	ND	ND	ND	ND
Trichloronate	.04	UG/L	ND	ND	ND	ND
Merphos	.09	UG/L	ND	ND	ND	ND
Dichlofenthion	.03	UG/L	ND	ND	ND	ND
Tokuthion	.06	UG/L	ND	ND	ND	ND
Stirophos	.03	UG/L	ND	ND	ND	ND
Bolstar	.07	UG/L	ND	ND	ND	ND
Fensulfothion	.07	UG/L	ND	ND	ND	ND
EPN	.09	UG/L	ND	ND	ND	ND
Coumaphos	.15	UG/L	ND	ND	ND	ND
Mevinphos, e isomer	.05	UG/L	ND	ND	ND	ND
Mevinphos, z isomer	.3	UG/L	ND	ND	ND	ND
Chlorpyrifos	.03	UG/L	ND	ND	ND	ND

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Benzidines

Source:			N01-PS_INF 08-FEB-2005	N01-PS_INF 10-MAY-2005	N01-PS_INF 09-AUG-2005	N01-PS_INF 04-OCT-2005
Date:	MDL	Units	P285792	P295113	P305442	P314604
3,3-dichlorobenzidine	2.43	UG/L	ND	ND	ND	ND
Benzidine	1.02	UG/L	ND	ND	ND	ND

Source:			N01-PEN 08-FEB-2005	N01-PEN 10-MAY-2005	N01-PEN 04-OCT-2005	N10-EFF 08-FEB-2005
Date:	MDL	Units	P285797	P295118	P314609	P285802
3,3-dichlorobenzidine	2.43	UG/L	ND	ND	ND	ND
Benzidine	1.02	UG/L	ND	ND	ND	ND

Source:			N10-EFF 10-MAY-2005	N10-EFF 09-AUG-2005	N10-EFF 04-OCT-2005	N34-REC WATER 08-FEB-2005
Date:	MDL	Units	P295123	P305452	P314614	P285807
3,3-dichlorobenzidine	2.43	UG/L	ND	ND	ND	ND
Benzidine	1.02	UG/L	ND	ND	ND	ND

Source:			N34-REC WATER 10-MAY-2005	N34-REC WATER 09-AUG-2005	N34-REC WATER 04-OCT-2005
Date:	MDL	Units	P295128	P305457	P314619
3,3-dichlorobenzidine	2.43	UG/L	ND	ND	ND
Benzidine	1.02	UG/L	ND	ND	ND

NA= Not Analyzed
ND= Not Detected
NR= Not Required

2005

Phenolic Compounds

Analyte	MDL	Units	N01-PS_INF 08-FEB-2005 P285792	N01-PS_INF 10-MAY-2005 P295113	N01-PS_INF 09-AUG-2005 P305442	N01-PS_INF 04-OCT-2005 P314604
2,4,6-trichlorophenol	1.75	UG/L	ND	ND	ND	ND
2,4-dichlorophenol	1.95	UG/L	ND	ND	ND	ND
2,4-dimethylphenol	1.32	UG/L	ND	ND	ND	ND
2,4-dinitrophenol	6.07	UG/L	ND	ND	ND	ND
2-methyl-4,6-dinitrophenol	4.29	UG/L	ND	ND	ND	ND
2-chlorophenol	1.76	UG/L	ND	ND	ND	ND
2-nitrophenol	1.88	UG/L	ND	ND	ND	ND
4-chloro-3-methylphenol	1.34	UG/L	ND	ND	ND	ND
4-nitrophenol	3.17	UG/L	ND	ND	ND	ND
Pentachlorophenol	5.87	UG/L	ND	ND	ND	ND
Phenol	2.53	UG/L	21.50	31.50	11.60	15.60
Total Non-Chlorinated Phenols	6.07	UG/L	21.50	31.50	11.60	15.60
Total Chlorinated Phenols	5.87	UG/L	0.00	0.00	0.00	0.00
Phenols	6.07	UG/L	21.50	31.50	11.60	15.60
2-methylphenol	1.51	UG/L	ND	ND	ND	ND
3-methylphenol(4-MP is unresolved)	4.4	UG/L	ND	ND	ND	ND
4-methylphenol(3-MP is unresolved)	4.22	UG/L	55.70	59.00	31.20	63.20
2,4,5-trichlorophenol	1.66	UG/L	ND	ND	ND	ND

Analyte	MDL	Units	N01-PEN 08-FEB-2005 P285797	N01-PEN 10-MAY-2005 P295118	N01-PEN 04-OCT-2005 P314609	N10-EFF 08-FEB-2005 P285802
2,4,6-trichlorophenol	1.75	UG/L	ND	ND	ND	ND
2,4-dichlorophenol	1.95	UG/L	ND	ND	ND	ND
2,4-dimethylphenol	1.32	UG/L	ND	ND	ND	ND
2,4-dinitrophenol	6.07	UG/L	ND	ND	ND	ND
2-methyl-4,6-dinitrophenol	4.29	UG/L	ND	ND	ND	ND
2-chlorophenol	1.76	UG/L	ND	ND	ND	ND
2-nitrophenol	1.88	UG/L	ND	ND	ND	ND
4-chloro-3-methylphenol	1.34	UG/L	ND	ND	ND	ND
4-nitrophenol	3.17	UG/L	ND	ND	ND	ND
Pentachlorophenol	5.87	UG/L	ND	ND	ND	ND
Phenol	2.53	UG/L	8.60	5.60	2.80	28.20
Total Non-Chlorinated Phenols	6.07	UG/L	8.60	5.60	2.80	28.20
Total Chlorinated Phenols	5.87	UG/L	0.00	0.00	0.00	0.00
Phenols	6.07	UG/L	8.60	5.60	2.80	28.20
2-methylphenol	1.51	UG/L	ND	ND	ND	ND
3-methylphenol(4-MP is unresolved)	4.4	UG/L	ND	ND	ND	ND
4-methylphenol(3-MP is unresolved)	4.22	UG/L	23.40	16.70	4.50	43.70
2,4,5-trichlorophenol	1.66	UG/L	ND	ND	ND	ND

NA= Not Analyzed
ND= Not Detected
NR= Not Required

2005

Phenolic Compounds

Analyte	MDL	Units	N10-EFF 10-MAY-2005 P295123	N10-EFF 09-AUG-2005 P305452	N10-EFF 04-OCT-2005 P314614	N34-REC WATER 08-FEB-2005 P285807
2,4,6-trichlorophenol	1.75	UG/L	ND	ND	ND	ND
2,4-dichlorophenol	1.95	UG/L	ND	ND	ND	ND
2,4-dimethylphenol	1.32	UG/L	ND	ND	ND	ND
2,4-dinitrophenol	6.07	UG/L	ND	ND	ND	ND
2-methyl-4,6-dinitrophenol	4.29	UG/L	ND	ND	ND	ND
2-chlorophenol	1.76	UG/L	ND	ND	ND	ND
2-nitrophenol	1.88	UG/L	ND	ND	ND	ND
4-chloro-3-methylphenol	1.34	UG/L	ND	ND	ND	ND
4-nitrophenol	3.17	UG/L	ND	ND	ND	ND
Pentachlorophenol	5.87	UG/L	ND	ND	ND	ND
Phenol	2.53	UG/L	10.70	10.50	12.90	ND
Total Non-Chlorinated Phenols	6.07	UG/L	10.70	10.50	12.90	0.00
Total Chlorinated Phenols	5.87	UG/L	0.00	0.00	0.00	0.00
Phenols	6.07	UG/L	10.70	10.50	12.90	0.00
2-methylphenol	1.51	UG/L	ND	ND	ND	ND
3-methylphenol(4-MP is unresolved)	4.4	UG/L	ND	ND	ND	ND
4-methylphenol(3-MP is unresolved)	4.22	UG/L	34.90	26.90	47.80	ND
2,4,5-trichlorophenol	1.66	UG/L	ND	ND	ND	ND

Analyte	MDL	Units	N34-REC WATER 10-MAY-2005 P295128	N34-REC WATER 09-AUG-2005 P305457	N34-REC WATER 04-OCT-2005 P314619
2,4,6-trichlorophenol	1.75	UG/L	ND	ND	ND
2,4-dichlorophenol	1.95	UG/L	ND	ND	ND
2,4-dimethylphenol	1.32	UG/L	ND	ND	ND
2,4-dinitrophenol	6.07	UG/L	ND	ND	ND
2-methyl-4,6-dinitrophenol	4.29	UG/L	ND	ND	ND
2-chlorophenol	1.76	UG/L	ND	ND	ND
2-nitrophenol	1.88	UG/L	ND	ND	ND
4-chloro-3-methylphenol	1.34	UG/L	ND	ND	ND
4-nitrophenol	3.17	UG/L	ND	ND	ND
Pentachlorophenol	5.87	UG/L	ND	ND	ND
Phenol	2.53	UG/L	ND	ND	ND
Total Non-Chlorinated Phenols	6.07	UG/L	0.00	0.00	0.00
Total Chlorinated Phenols	5.87	UG/L	0.00	0.00	0.00
Phenols	6.07	UG/L	0.00	0.00	0.00
2-methylphenol	1.51	UG/L	ND	ND	ND
3-methylphenol(4-MP is unresolved)	4.4	UG/L	ND	ND	ND
4-methylphenol(3-MP is unresolved)	4.22	UG/L	ND	ND	ND
2,4,5-trichlorophenol	1.66	UG/L	ND	ND	ND

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Priority Pollutants Purgeable Compounds, EPA Method 624

Analyte	MDL	Units	N01-PS_INF 09-FEB-2005 P285795	N01-PS_INF 11-MAY-2005 P295116	N01-PS_INF 10-AUG-2005 P305445	N01-PS_INF 05-OCT-2005 P314607	N01-PEN 09-FEB-2005 P285800
Chloromethane	1	UG/L	ND	ND	ND	ND	ND
Bromomethane	1	UG/L	ND	ND	ND	ND	ND
Vinyl chloride	1	UG/L	ND	ND	ND	ND	ND
Chloroethane	1	UG/L	ND	ND	ND	ND	ND
1,1-dichloroethane	1	UG/L	ND	ND	ND	ND	ND
Trichlorofluoromethane	1	UG/L	ND	ND	ND	ND	ND
Methylene chloride	1	UG/L	2.7	4.3	1.6	2.8	2.7
1,1-dichloroethene	1	UG/L	ND	ND	ND	ND	ND
trans-1,2-dichloroethene	1	UG/L	ND	ND	ND	ND	ND
Chloroform	1	UG/L	52.3	8.1	8.9	33.6	4.1
1,2-dichloroethane	1	UG/L	ND	ND	ND	ND	ND
1,1,1-trichloroethane	1	UG/L	ND	ND	ND	ND	ND
Carbon tetrachloride	1	UG/L	ND	ND	ND	ND	ND
Bromodichloromethane	1	UG/L	ND	ND	ND	ND	1.1
1,2-dichloropropane	1	UG/L	ND	ND	ND	ND	ND
trans-1,3-dichloropropene	1	UG/L	ND	ND	ND	ND	ND
Trichloroethene	1	UG/L	ND	ND	ND	ND	ND
Benzene	1	UG/L	ND	ND	ND	ND	ND
Dibromochloromethane	1	UG/L	ND	ND	ND	ND	ND
1,1,2-trichloroethane	1	UG/L	ND	ND	ND	ND	ND
cis-1,3-dichloropropene	1	UG/L	ND	ND	ND	ND	ND
2-chloroethylvinyl ether	1	UG/L	ND	ND	ND	ND	ND
Bromoform	1	UG/L	ND	ND	ND	ND	ND
1,1,2,2-tetrachloroethane	1	UG/L	ND	ND	ND	ND	ND
Tetrachloroethene	1	UG/L	ND	ND	ND	ND	5.7
Chlorobenzene	1	UG/L	ND	ND	ND	ND	ND
Toluene	1	UG/L	1.7	ND	ND	2.1	1.1
Ethylbenzene	1	UG/L	ND	ND	ND	ND	ND
Acrylonitrile	13.8	UG/L	ND	ND	ND	ND	ND
Acrolein	11.4	UG/L	ND	ND	ND	ND	ND
Halomethane Purgeable Cmpnds	1	UG/L	0.0	0.0	0.0	0.0	1.1
Purgeable Compounds	13.8	UG/L	56.7	12.4	10.5	38.5	14.7
Allyl chloride	1	UG/L	ND	ND	ND	ND	ND
4-methyl-2-pentanone	6.1	UG/L	ND	ND	ND	ND	ND
meta,para xylenes	3.1	UG/L	ND	ND	ND	ND	ND
Additional Purgeable Compounds determined, not in permit.							
Styrene	4.7	UG/L	ND	49.4	ND	ND	ND
1,2,4-trichlorobenzene	4.9	UG/L	ND	ND	ND	ND	ND
Methyl Iodide	1	UG/L	ND	ND	ND	ND	ND
Chloroprene	1.4	UG/L	ND	ND	ND	ND	ND
Methyl methacrylate	4.6	UG/L	ND	ND	ND	ND	ND
2-nitropropane	10	UG/L	ND	ND	ND	ND	ND
1,2-dibromoethane	3.3	UG/L	ND	ND	ND	ND	ND
Isopropylbenzene	4.4	UG/L	ND	ND	ND	ND	ND
Benzyl chloride	7.2	UG/L	ND	ND	ND	ND	ND
ortho-xylene	3.4	UG/L	ND	ND	ND	ND	ND
Acetone	20	UG/L	1640.0	1000.0	821.0	1140.0	262.0
Carbon disulfide	1	UG/L	1.5	25.2	1.6	2.3	2.3
2-butanone	4	UG/L	5.6	ND	ND	8.8	ND
Methyl tert-butyl ether	1	UG/L	ND	ND	ND	ND	ND
1,4-dichlorobenzene	1	UG/L	1.3	1.3	ND	1.2	ND

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Priority Pollutants Purgeable Compounds, EPA Method 624

Analyte	MDL	Units	N01-PEN 11-MAY-2005 P295121	N01-PEN 05-OCT-2005 P314612	N10-EFF 09-FEB-2005 P285805	N10-EFF 11-MAY-2005 P295126	N10-EFF 10-AUG-2005 P305455
Chloromethane	1	UG/L	ND	ND	ND	ND	ND
Bromomethane	1	UG/L	ND	ND	ND	ND	ND
Vinyl chloride	1	UG/L	ND	ND	ND	ND	ND
Chloroethane	1	UG/L	ND	ND	ND	ND	ND
1,1-dichloroethane	1	UG/L	ND	ND	ND	ND	ND
Trichlorofluoromethane	1	UG/L	ND	ND	ND	ND	ND
Methylene chloride	1	UG/L	2.4	3.1	4.7	2.8	3.1
1,1-dichloroethene	1	UG/L	ND	ND	ND	ND	ND
trans-1,2-dichloroethene	1	UG/L	ND	ND	ND	ND	ND
Chloroform	1	UG/L	3.8	3.0	9.6	9.5	14.4
1,2-dichloroethane	1	UG/L	ND	ND	ND	ND	ND
1,1,1-trichloroethane	1	UG/L	ND	ND	ND	ND	ND
Carbon tetrachloride	1	UG/L	ND	ND	ND	ND	ND
Bromodichloromethane	1	UG/L	ND	ND	1.2	1.1	ND
1,2-dichloropropane	1	UG/L	ND	ND	ND	ND	ND
trans-1,3-dichloropropene	1	UG/L	ND	ND	ND	ND	ND
Trichloroethene	1	UG/L	1.2	ND	ND	ND	ND
Benzene	1	UG/L	ND	ND	ND	ND	ND
Dibromochloromethane	1	UG/L	ND	ND	ND	ND	ND
1,1,2-trichloroethane	1	UG/L	ND	ND	ND	ND	ND
cis-1,3-dichloropropene	1	UG/L	ND	ND	ND	ND	ND
2-chloroethylvinyl ether	1	UG/L	ND	ND	ND	ND	ND
Bromoform	1	UG/L	ND	ND	ND	ND	ND
1,1,2,2-tetrachloroethane	1	UG/L	ND	ND	ND	ND	ND
Tetrachloroethene	1	UG/L	5.6	ND	1.7	1.8	ND
Chlorobenzene	1	UG/L	ND	ND	ND	ND	ND
Toluene	1	UG/L	ND	1.4	2.4	1.2	ND
Ethylbenzene	1	UG/L	ND	ND	ND	ND	ND
Acrylonitrile	13.8	UG/L	ND	ND	ND	ND	ND
Acrolein	11.4	UG/L	ND	ND	ND	ND	ND
Halomethane Purgeable Cmpnds	1	UG/L	0.0	0.0	1.2	1.1	0.0
Purgeable Compounds	13.8	UG/L	13.0	7.5	19.6	16.4	17.5
Allyl chloride	1	UG/L	ND	ND	ND	ND	ND
4-methyl-2-pentanone	6.1	UG/L	ND	ND	ND	ND	ND
meta,para xylenes	3.1	UG/L	ND	ND	ND	ND	ND

Additional Purgeable Compounds determined, not in permit.

Styrene	4.7	UG/L	ND	ND	ND	ND	ND
1,2,4-trichlorobenzene	4.9	UG/L	ND	ND	ND	ND	ND
Methyl Iodide	1	UG/L	ND	ND	ND	ND	ND
Chloroprene	1.4	UG/L	ND	ND	ND	ND	ND
Methyl methacrylate	4.6	UG/L	ND	ND	ND	ND	ND
2-nitropropane	10	UG/L	ND	ND	ND	ND	ND
1,2-dibromoethane	3.3	UG/L	ND	ND	ND	ND	ND
Isopropylbenzene	4.4	UG/L	ND	ND	ND	ND	ND
Benzyl chloride	7.2	UG/L	ND	ND	ND	ND	ND
ortho-xylene	3.4	UG/L	ND	ND	ND	ND	ND
Acetone	20	UG/L	263.0	265.0	1080.0	920.0	667.0
Carbon disulfide	1	UG/L	1.5	2.0	2.3	8.7	4.1
2-butanone	4	UG/L	11.5	10.7	11.5	7.7	7.6
Methyl tert-butyl ether	1	UG/L	ND	ND	ND	ND	ND
1,4-dichlorobenzene	1	UG/L	1.4	2.1	ND	1.1	1.3

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Priority Pollutants Purgeable Compounds, EPA Method 624

Analyte	MDL	Units	N10-EFF 05-OCT-2005 P314617	N34-REC WATER 09-FEB-2005 P285810	N34-REC WATER 11-MAY-2005 P295131	N34-REC WATER 10-AUG-2005 P305460	N34-REC WATER 05-OCT-2005 P314622
Chloromethane	1	UG/L	ND	ND	ND	ND	ND
Bromomethane	1	UG/L	ND	ND	ND	ND	ND
Vinyl chloride	1	UG/L	ND	ND	ND	ND	ND
Chloroethane	1	UG/L	ND	ND	ND	ND	ND
1,1-dichloroethane	1	UG/L	ND	ND	ND	ND	ND
Trichlorofluoromethane	1	UG/L	ND	ND	ND	ND	ND
Methylene chloride	1	UG/L	4.2	1.2	ND	2.1	ND
1,1-dichloroethene	1	UG/L	ND	ND	ND	ND	ND
trans-1,2-dichloroethene	1	UG/L	ND	ND	ND	ND	ND
Chloroform	1	UG/L	13.3	57.5	67.2	59.8	54.3
1,2-dichloroethane	1	UG/L	ND	ND	ND	ND	ND
1,1,1-trichloroethane	1	UG/L	ND	ND	ND	ND	ND
Carbon tetrachloride	1	UG/L	ND	ND	ND	ND	ND
Bromodichloromethane	1	UG/L	ND	47.1	49.9	47.8	45.9
1,2-dichloropropane	1	UG/L	ND	ND	ND	ND	ND
trans-1,3-dichloropropene	1	UG/L	ND	ND	ND	ND	ND
Trichloroethene	1	UG/L	ND	ND	ND	ND	ND
Benzene	1	UG/L	ND	ND	ND	ND	ND
Dibromochloromethane	1	UG/L	ND	26.3	31.8	27.7	32.8
1,1,2-trichloroethane	1	UG/L	ND	ND	ND	ND	ND
cis-1,3-dichloropropene	1	UG/L	ND	ND	ND	ND	ND
2-chloroethylvinyl ether	1	UG/L	ND	ND	ND	ND	ND
Bromoform	1	UG/L	ND	3.1	3.3	2.8	4.4
1,1,2,2-tetrachloroethane	1	UG/L	ND	ND	ND	ND	ND
Tetrachloroethene	1	UG/L	1.1	ND	ND	ND	ND
Chlorobenzene	1	UG/L	ND	ND	ND	ND	ND
Toluene	1	UG/L	2.5	ND	ND	ND	ND
Ethylbenzene	1	UG/L	ND	ND	ND	ND	ND
Acrylonitrile	13.8	UG/L	ND	ND	ND	ND	ND
Acrolein	11.4	UG/L	ND	ND	ND	ND	ND
Halomethane Purgeable Cmpnds	1	UG/L	0.0	76.5	85.0	78.3	83.1
Purgeable Compounds	13.8	UG/L	21.1	135.2	152.2	140.2	137.4
Allyl chloride	1	UG/L	ND	ND	ND	ND	ND
4-methyl-2-pentanone	6.1	UG/L	ND	ND	ND	ND	ND
meta,para xylenes	3.1	UG/L	ND	ND	ND	ND	ND

Additional Purgeable Compounds determined, not in permit.

Styrene	4.7	UG/L	ND	ND	ND	ND	ND
1,2,4-trichlorobenzene	4.9	UG/L	ND	ND	ND	ND	ND
Methyl Iodide	1	UG/L	ND	ND	ND	ND	ND
Chloroprene	1.4	UG/L	ND	ND	ND	ND	ND
Methyl methacrylate	4.6	UG/L	ND	ND	ND	ND	ND
2-nitropropane	10	UG/L	ND	ND	ND	ND	ND
1,2-dibromoethane	3.3	UG/L	ND	ND	ND	ND	ND
Isopropylbenzene	4.4	UG/L	ND	ND	ND	ND	ND
Benzyl chloride	7.2	UG/L	ND	ND	ND	ND	ND
ortho-xylene	3.4	UG/L	ND	ND	ND	ND	ND
Acetone	20	UG/L	1120.0	ND	ND	ND	ND
Carbon disulfide	1	UG/L	7.2	ND	ND	ND	ND
2-butanone	4	UG/L	15.8	ND	ND	ND	ND
Methyl tert-butyl ether	1	UG/L	1.2	ND	ND	ND	ND
1,4-dichlorobenzene	1	UG/L	2.1	ND	ND	1.0	ND

NA= Not Analyzed
ND= Not Detected
NR= Not Required