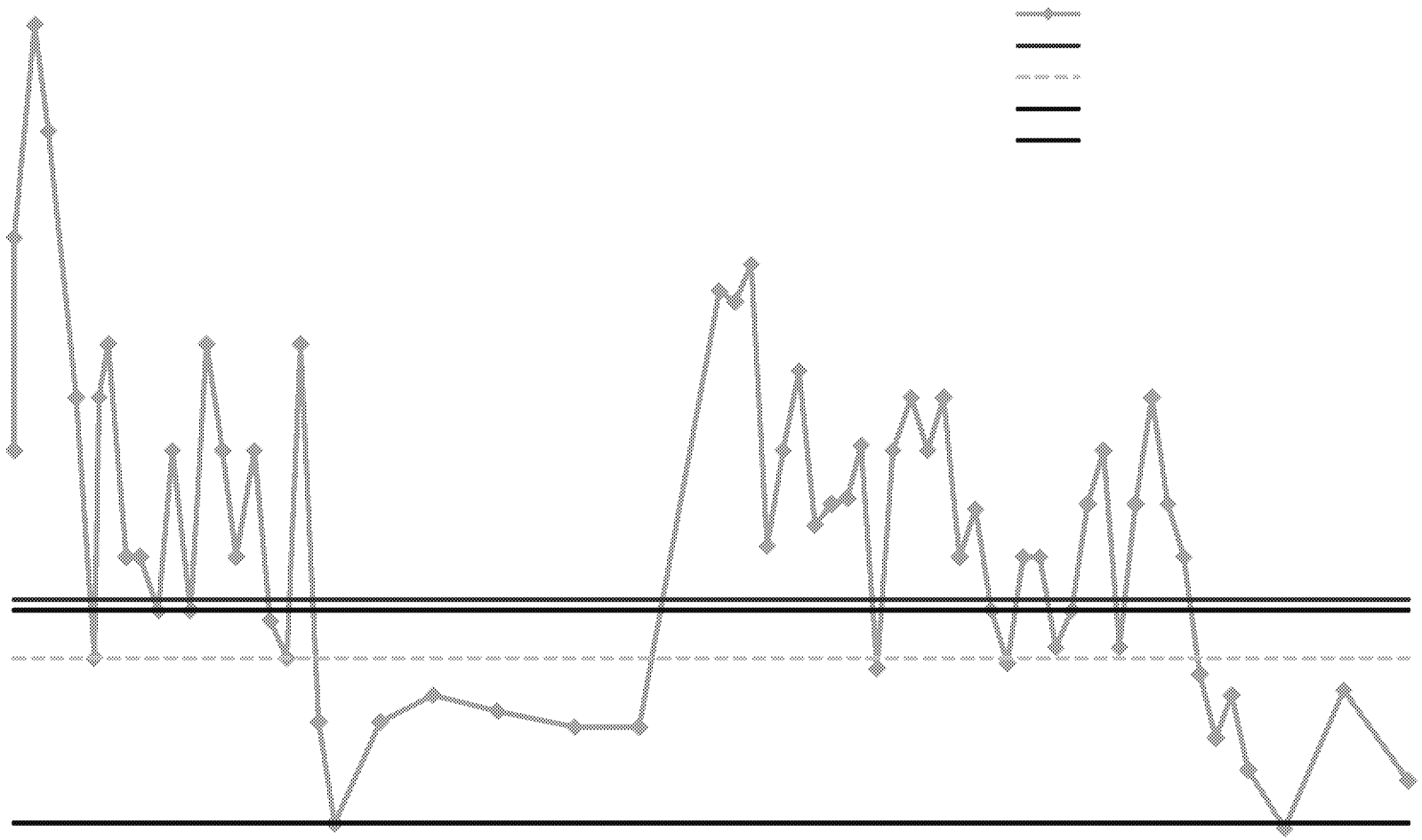

Date	Final Grab pH 12	Final Immed. Anal.	Arsen. Dechlor	Final Grab pH 11	Final Grab pH 10	Outfall pH 12	Outfall Immed. Anal.	Interim Limit, 5.2 µg/L	Limit after 10/2009	Reporting Limit, 5 µg/L
04-Feb-04	8					5		5.2	4.1	5
04-Feb-04	12					8		5.2	4.1	5
13-Feb-04	16					7		5.2	4.1	5
19-Feb-04	14					8		5.2	4.1	5
02-Mar-04	9					4.1		5.2	4.1	5
10-Mar-04	4.1					8		5.2	4.1	5
12-Mar-04	9					6		5.2	4.1	5
16-Mar-04	10					7		5.2	4.1	5
24-Mar-04	6					5		5.2	4.1	5
30-Mar-04	6					4.5		5.2	4.1	5
07-Apr-04	5					6		5.2	4.1	5
13-Apr-04	8					4.9		5.2	4.1	5
21-Apr-04	5					8		5.2	4.1	5
28-Apr-04	10					6		5.2	4.1	5
05-May-04	8					6		5.2	4.1	5
11-May-04	6					4.1		5.2	4.1	5
19-May-04	8					3.1		5.2	4.1	5
26-May-04	4.8					3.7		5.2	4.1	5
02-Jun-04	4.1					4.7		5.2	4.1	5
08-Jun-04	10					7		5.2	4.1	5
16-Jun-04	2.9					2.6		5.2	4.1	5
23-Jun-04	1					0.9		5.2	4.1	5
13-Jul-04	2.9					0.9		5.2	4.1	5
05-Aug-04	3.4				1.1	3.9		5.2	4.1	5
02-Sep-04	3.1				1.4	4.2		5.2	4.1	5
06-Oct-04	2.8			0.9	1	3.6		5.2	4.1	5
03-Nov-04	2.8			2.1	7	6		5.2	4.1	5
08-Dec-04	11			4.7	2.9	8		5.2	4.1	5
15-Dec-04	10.8			6	4	6.3		5.2	4.1	5
22-Dec-04	11.5			2.7	4	8.8		5.2	4.1	5
29-Dec-04	6.2			3	2.4	4.9		5.2	4.1	5
05-Jan-05	8			3.5	3.5	6.4		5.2	4.1	5
12-Jan-05	9.5			3.9	2.5	3.6		5.2	4.1	5
19-Jan-05	6.6			4.7	3.3	7.2		5.2	4.1	5
26-Jan-05	7			2.4	1.5	3.6		5.2	4.1	5
02-Feb-05	7.1			2.2	2.2	4.7		5.2	4.1	5
08-Feb-05	8.1			3.3	2.5	7		5.2	4.1	5
15-Feb-05	3.9			3.1	2.8	5		5.2	4.1	5
22-Feb-05	8			2.3	2	4.2		5.2	4.1	5
02-Mar-05	9			3.2	2.3	5		5.2	4.1	5
09-Mar-05	8			4.3	2.6	4.3		5.2	4.1	5
16-Mar-05	9			2.5	1.1	4.1		5.2	4.1	5
23-Mar-05	6			3	1.4	3.6		5.2	4.1	5
30-Mar-05	6.9			1.7	1.1	4.7		5.2	4.1	5
06-Apr-05	5		35			4		5.2	4.1	5
13-Apr-05	4		38			0.9		5.2	4.1	5
20-Apr-05	6		7			4.5		5.2	4.1	5
27-Apr-05	6		36			4.5		5.2	4.1	5

MDL, 1 µg/L
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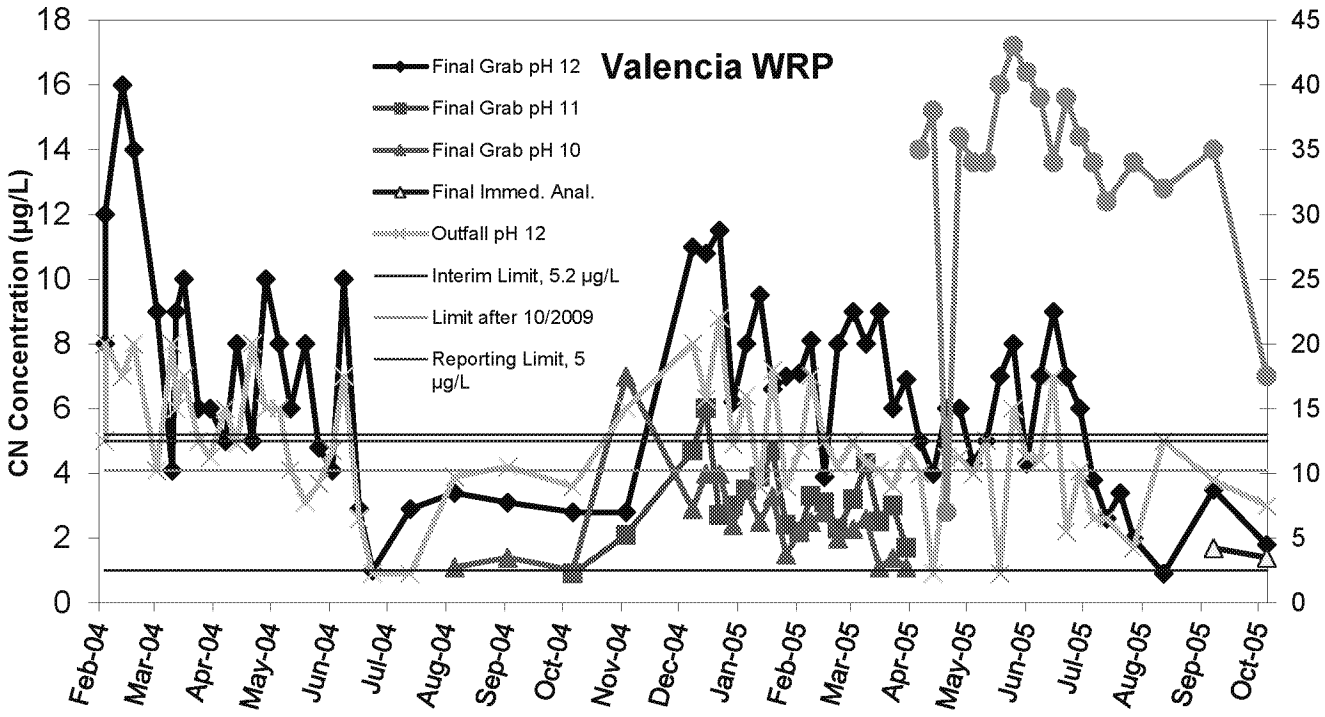
04-May-05	4.3		34	4		5.2	4.1	5
11-May-05	5		34	5		5.2	4.1	5
18-May-05	7		40	0.9		5.2	4.1	5
25-May-05	8		43	6		5.2	4.1	5
01-Jun-05	4.3		41	4.5		5.2	4.1	5
08-Jun-05	7		39	4.4		5.2	4.1	5
15-Jun-05	9		34	7		5.2	4.1	5
22-Jun-05	7		39	2.2		5.2	4.1	5
29-Jun-05	6		36	4.1		5.2	4.1	5
06-Jul-05	3.8		34	2.6		5.2	4.1	5
13-Jul-05	2.6		31	2.6		5.2	4.1	5
20-Jul-05	3.4					5.2	4.1	5
27-Jul-05	2		34	1.7		5.2	4.1	5
12-Aug-05	0.9		32	5		5.2	4.1	5
07-Sep-05	3.5	1.7	35	3.8		5.2	4.1	5
05-Oct-05	1.8	1.4	17.5	3	0.99	5.2	4.1	5
						5.2	4.1	5

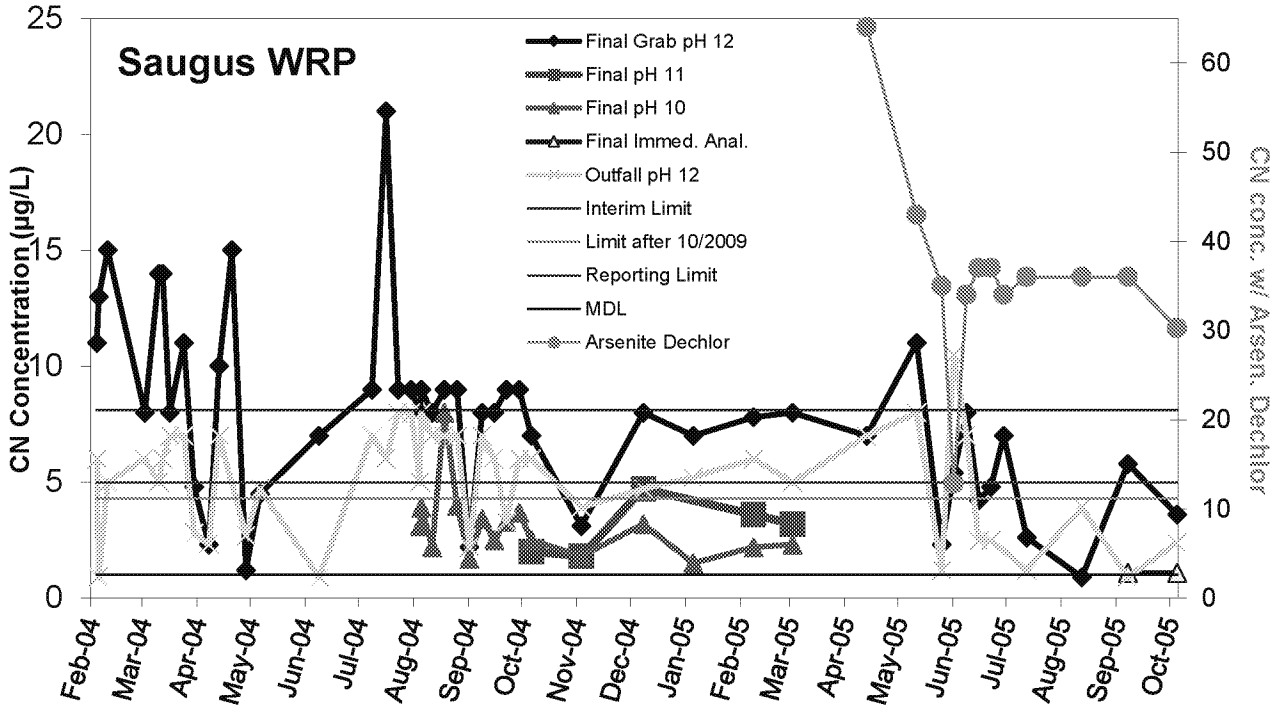


5.2	4.1	5
5.2	4.1	5
5.2	4.1	5
5.2	4.1	5
5.2	4.1	5
5.2	4.1	5
5.2	4.1	5
5.2	4.1	5
5.2	4.1	5
5.2	4.1	5
5.2	4.1	5
5.2	4.1	5

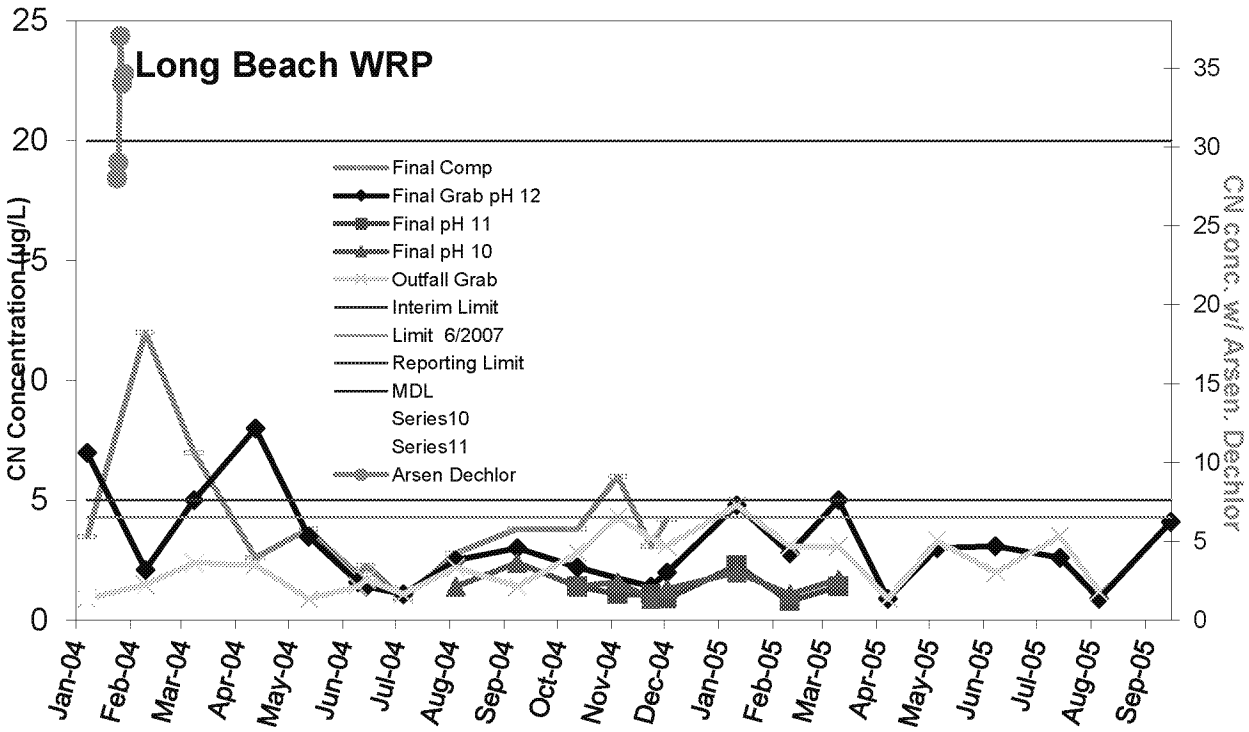
CN conc. w/ Arsen. Dechlor

ED_002551_00001507-00005

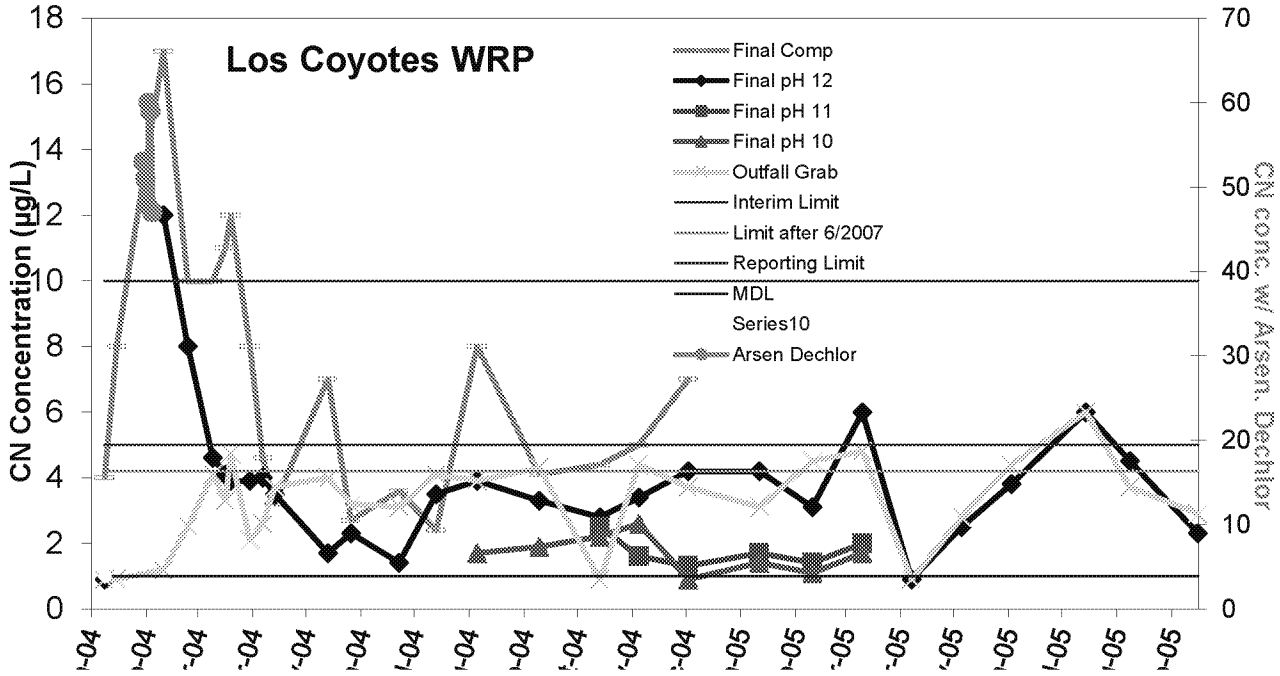
Date	Final Grab pH 12	Final Immed. Anal.	Arsenite Dechlor	Final pH 11	Final pH 10	Outfall pH 12	Outfall Immed. Anal.	Interim Limit	Limit after 10/2009	Reporting Limit	MDL
04-Feb-04	11					6		8.1	4.3	5	1
05-Feb-04	13					0.9		8.1	4.3	5	1
10-Feb-04	15					5		8.1	4.3	5	1
02-Mar-04	8					6		8.1	4.3	5	1
10-Mar-04	14					5		8.1	4.3	5	1
12-Mar-04	14					6		8.1	4.3	5	1
16-Mar-04	8					7		8.1	4.3	5	1
24-Mar-04	11					7		8.1	4.3	5	1
30-Mar-04	4.8					2.8		8.1	4.3	5	1
07-Apr-04	2.3					2.3		8.1	4.3	5	1
13-Apr-04	10					7		8.1	4.3	5	1
20-Apr-04	15							8.1	4.3	5	1
28-Apr-04	1.2					2.7		8.1	4.3	5	1
06-May-04	4.5					4.7		8.1	4.3	5	1
08-Jun-04	7					0.9		8.1	4.3	5	1
08-Jul-04	9					7		8.1	4.3	5	1
16-Jul-04	21					6		8.1	4.3	5	1
23-Jul-04	9					8		8.1	4.3	5	1
30-Jul-04	9					8		8.1	4.3	5	1
04-Aug-04	8				3.1	5		8.1	4.3	5	1
05-Aug-04	9				3.9	8		8.1	4.3	5	1
11-Aug-04	8				2.2	7		8.1	4.3	5	1
18-Aug-04	9				8	7		8.1	4.3	5	1
25-Aug-04	9				4	7		8.1	4.3	5	1
01-Sep-04	2.2				1.7	2.2		8.1	4.3	5	1
08-Sep-04	8				3.4	7		8.1	4.3	5	1
15-Sep-04	8				2.5	6		8.1	4.3	5	1
22-Sep-04	9				3.3	3.3		8.1	4.3	5	1
29-Sep-04	9				3.7	6		8.1	4.3	5	1
06-Oct-04	7			2	2.5	6		8.1	4.3	5	1
03-Nov-04	3.1			1.8	1.8	3.9		8.1	4.3	5	1
08-Dec-04	8			4.7	3.2	4.7		8.1	4.3	5	1
05-Jan-05	7				1.5	5.2		8.1	4.3	5	1
08-Feb-05	7.8			3.6	2.2	6		8.1	4.3	5	1
02-Mar-05	8			3.2	2.3	5		8.1	4.3	5	1
13-Apr-05	7		64			7		8.1	4.3	5	1
11-May-05	11		43			8		8.1	4.3	5	1
25-May-05	2.3		35			1.2		8.1	4.3	5	1
01-Jun-05	5.4		12.8			10.5		8.1	4.3	5	1
08-Jun-05	8		34			7		8.1	4.3	5	1
15-Jun-05	4.2		37			2.5		8.1	4.3	5	1
22-Jun-05	4.8		37			2.5		8.1	4.3	5	1
29-Jun-05	7		34					8.1	4.3	5	1
12-Jul-05	2.6		36			1.2		8.1	4.3	5	1
12-Aug-05	0.9		36			3.9		8.1	4.3	5	1
07-Sep-05	5.8	1.1	36			0.9		8.1	4.3	5	1
05-Oct-05	3.6	1.1	30.3			2.4	0.99	8.1	4.3	5	1
								8.1	4.3	5	1


Saugus WRP
Final Grab pH 12
Final pH 11
Final pH 10
Final Immed. Anal.
Outfall pH 12
Interim Limit
Limit after 10/2009
Reporting Limit
MDL
Arsenite Dechlor
CN Concentration (µg/L)
CN conc. w/ Arsen. Dechlor
25
20
15
10
5
0
60
50
40
30
20
10
0
Feb-04
Mar-04
Apr-04
May-04
Jun-04
Jul-04
Aug-04
Sep-04
Oct-04
Nov-04
Dec-04
Jan-05
Feb-05
Mar-05
Apr-05
May-05
Jun-05
Jul-05
Aug-05
Sep-05
Oct-05

Date	Final Comp	Final Grab pH 12	Arsen Dechlor	Final pH 11	Final pH 10	Outfall Grab	Interim Limit	Limit 6/2007	Reporting Limit	MDL
7-Jan-04	3.5	7.0				0.9	20	4.3	5	1
9-Feb-04	12	2.1				1.5	20	4.3	5	1
8-Mar-04	7	5.0				2.4	20	4.3	5	1
12-Apr-04	2.6	8.0				2.3	20	4.3	5	1
12-May-04	3.8	3.5				0.9	20	4.3	5	1
9-Jun-04	1.9	1.6				1.4	20	4.3	5	1
14-Jun-04	2.3	1.4				1.7	20	4.3	5	1
5-Jul-04	0.9	1.1				1.1	20	4.3	5	1
4-Aug-04	2.8	2.5			1.4	2.2	20	4.3	5	1
8-Sep-04	3.8	3.0			2.4	1.4	20	4.3	5	1
12-Oct-04	3.8	2.2		1.4	1.4	2.8	20	4.3	5	1
4-Nov-04	6	1.8		1.1	1.6	4.3	20	4.3	5	1
23-Nov-04	3.1	1.4		1.1	0.9	3.4	20	4.3	5	1
2-Dec-04	4.2	2.0		0.9	1.3	3.1	20	4.3	5	1
11-Jan-05		4.8		2.3	2	4.8	20	4.3	5	1
10-Feb-05		2.8		0.8	1.1	3.1	20	4.3	5	1
10-Mar-05		5.0		1.4	1.7	3.1	20	4.3	5	1
7-Apr-05		0.9	28			0.9	20	4.3	5	1
5-May-05		3.0	29			3.3	20	4.3	5	1
7-Jun-05		3.1	37			2.0	20	4.3	5	1
14-Jul-05		2.6	34			3.5	20	4.3	5	1
5-Aug-05		0.9	34.6			1.2	20	4.3	5	1
15-Sep-05		4.1					20	4.3	5	1
							20	4.3	5	1
							20	4.3	5	1
							20	4.3	5	1



Date	Final Comp	Final pH 12	Arsen Dechlor	Final pH 11	Final pH 10	Outfall Grab	Interim Limit	Limit after 6/2007	Reporting Limit	MDL
8-Jan-04	4	0.9				0.9	10	4.2	5	1
15-Jan-04	8					0.9	10	4.2	5	1
10-Feb-04	17	12.0				1.2	10	4.2	5	1
24-Feb-04	10	8.0				2.5	10	4.2	5	1
9-Mar-04	10	4.6				4.1	10	4.2	5	1
16-Mar-04	11	4.1				3.3	10	4.2	5	1
19-Mar-04	12	3.9				4.7	10	4.2	5	1
30-Mar-04	8	3.9				2.1	10	4.2	5	1
6-Apr-04	4.6	4.0				2.6	10	4.2	5	1
13-Apr	3.2	3.5				3.7	10	4.2	5	1
13-May-04	7	1.7				4	10	4.2	5	1
26-May-04	2.7	2.3				3.2	10	4.2	5	1
22-Jun-04	3.6	1.4				3.1	10	4.2	5	1
13-Jul-04	2.4	3.5				4.1	10	4.2	5	1
5-Aug-04	8	3.9			1.7	3.9	10	4.2	5	1
9-Sep-04	4.1	3.3			1.9	4.3	10	4.2	5	1
13-Oct-04	4.4	2.8		2.5	2.2	0.9	10	4.2	5	1
04-Nov-04	5	3.4		1.6	2.6	4.4	10	4.2	5	1
02-Dec-04	7	4.2		1.3	0.9	3.7	10	4.2	5	1
11-Jan-05		4.2		1.7	1.4	3.1	10	4.2	5	1
10-Feb-05		3.1		1.4	1.1	4.5	10	4.2	5	1
10-Mar-05		6.0		2	1.7	4.8	10	4.2	5	1
07-Apr-05		0.9	53			0.9	10	4.2	5	1
05-May-05		2.5	51			2.8	10	4.2	5	1
02-Jun-05		3.8	48			4.4	10	4.2	5	1
14-Jul-05		6.0	60			6	10	4.2	5	1
08-Aug-05		4.5	59			3.7	10	4.2	5	1
15-Sep-05		2.3	47			2.9	10	4.2	5	1



Jan
Feb
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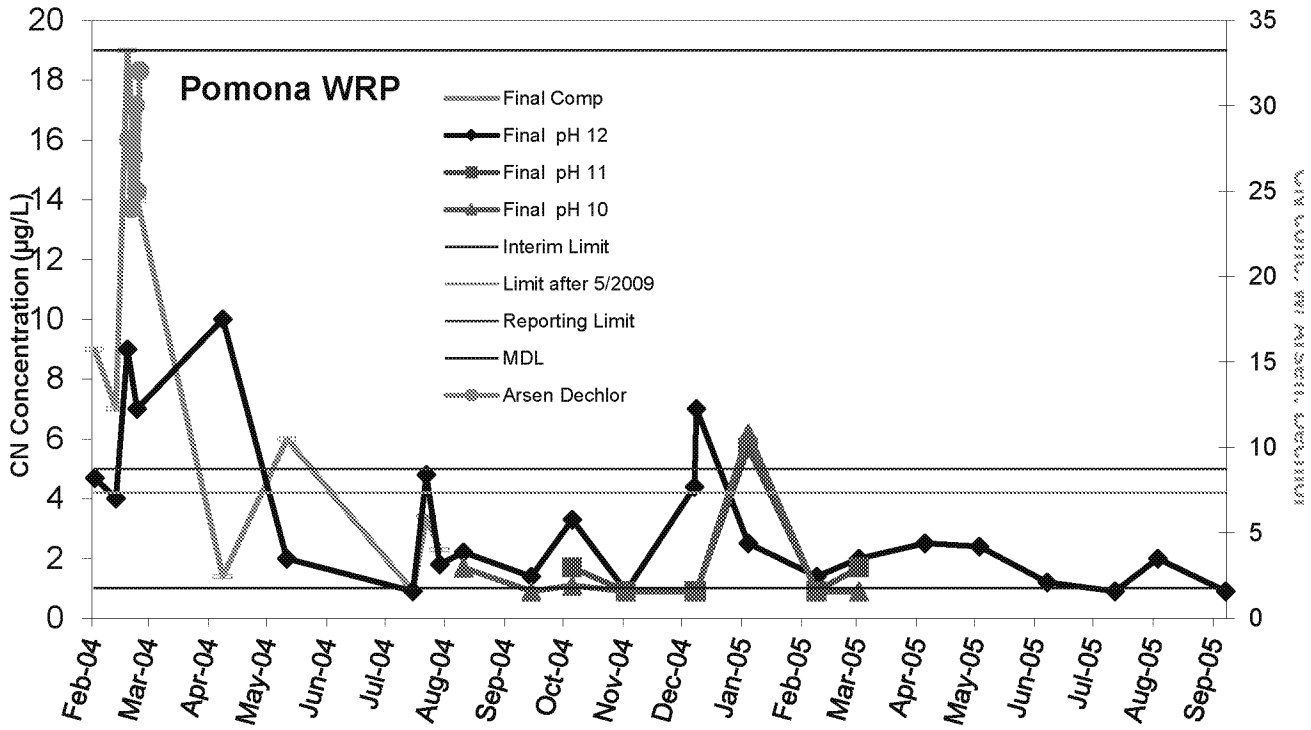
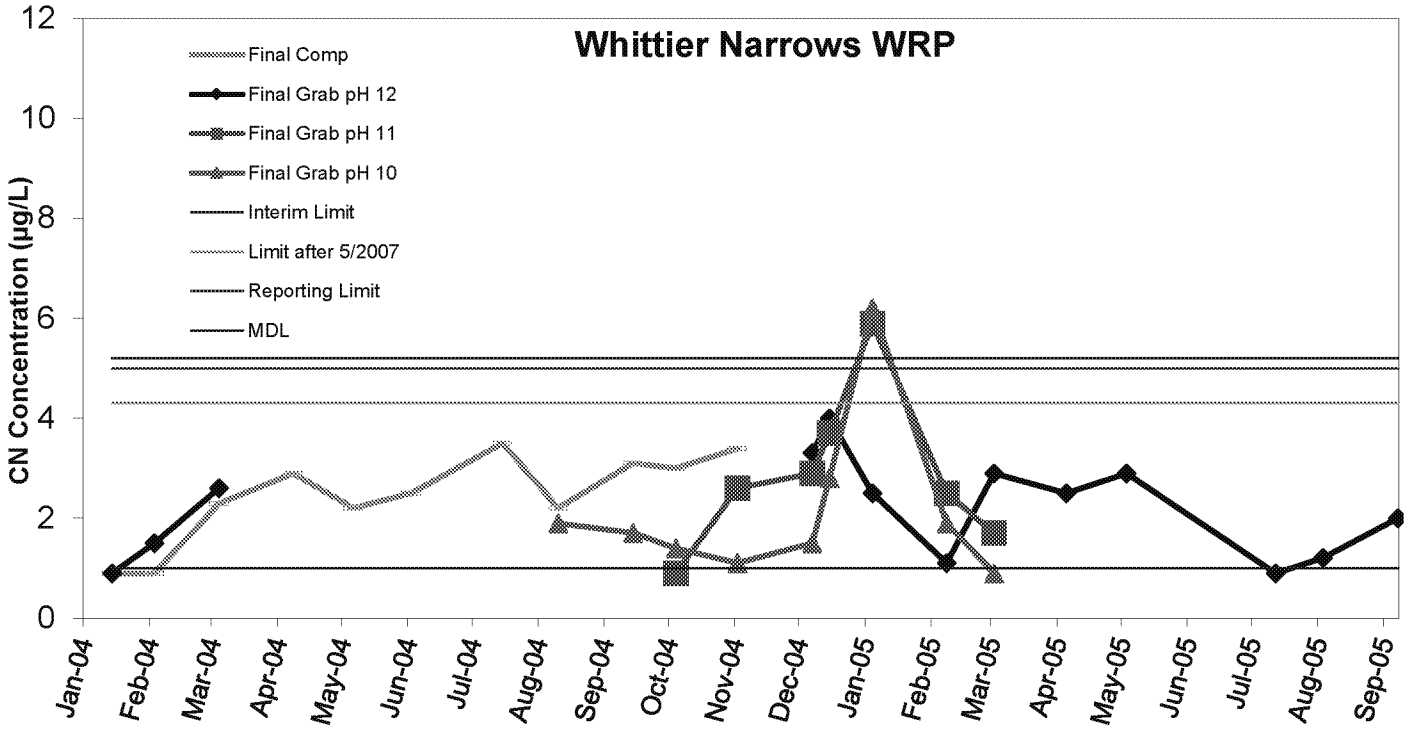
Date	Final Comp	Final pH 12	Arsen Dechlor	Final pH 11	Final pH 10	Interim Limit	Limit after 5/2009	Reporting Limit	MDL
2-Feb-04	9	4.7				19	4.2	5	1
13-Feb-04	7	4				19	4.2	5	1
19-Feb-04	19	9				19	4.2	5	1
24-Feb-04	14	7				19	4.2	5	1
8-Apr-04	1.4	10				19	4.2	5	1
11-May-04	6	2				19	4.2	5	1
15-Jul-04	0.9	0.9				19	4.2	5	1
22-Jul-04	3.4	4.8				19	4.2	5	1
29-Jul-04	2.3	1.8				19	4.2	5	1
10-Aug-04		2.2			1.7	19	4.2	5	1
14-Sep-04		1.4			0.9	19	4.2	5	1
5-Oct-04		3.3		1.7	1.1	19	4.2	5	1
2-Nov-04		0.9		0.9	0.9	19	4.2	5	1
7-Dec-04		4.4		0.9	0.9	19	4.2	5	1
8-Dec-04		7		0.9	0.9	19	4.2	5	1
4-Jan-05		2.5		5.7	6.2	19	4.2	5	1
8-Feb-05		1.4		0.9	0.9	19	4.2	5	1
2-Mar-05		2		1.7	0.9	19	4.2	5	1
5-Apr-05		2.5	28			19	4.2	5	1
3-May-05		2.4	24			19	4.2	5	1
7-Jun-05		1.2	27			19	4.2	5	1
12-Jul-05		0.9	30			19	4.2	5	1
3-Aug-05		2	25			19	4.2	5	1
7-Sep-05		0.9	32			19	4.2	5	1
						19	4.2	5	1
						19	4.2	5	1



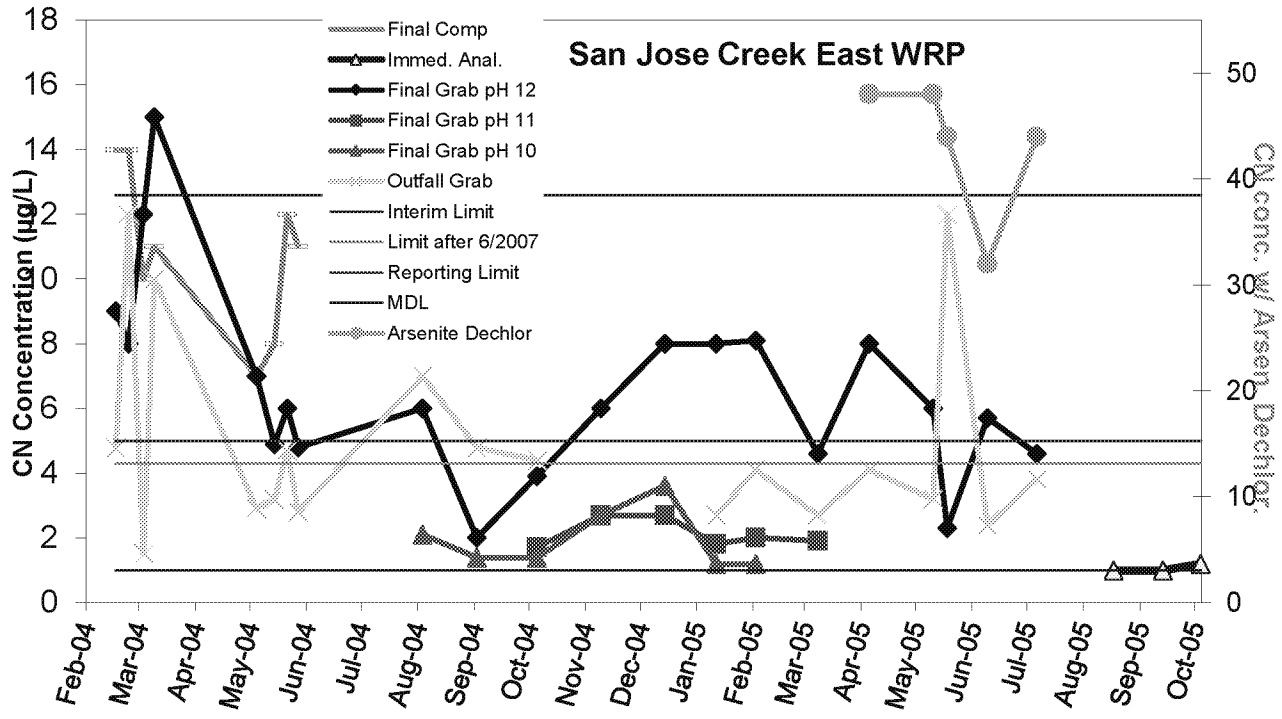
Privileged and Confidential

Date	Final Comp	Final Grab pH 12	Final Grab pH 11	Final Grab pH 10	Interim Limit	Limit after 5/2007	Reporting Limit	MDL
14-Jan-04	0.9	0.9			5.2	4.3	5	1
3-Feb-04	0.9	1.5			5.2	4.3	5	1
4-Mar-04	2.3	2.6			5.2	4.3	5	1
8-Apr-04	2.9				5.2	4.3	5	1
6-May-04	2.2				5.2	4.3	5	1
2-Jun-04	2.5				5.2	4.3	5	1
15-Jul-04	3.5				5.2	4.3	5	1
10-Aug-04	2.2			1.9	5.2	4.3	5	1
14-Sep-04	3.1			1.7	5.2	4.3	5	1
4-Oct-04	3		0.9	1.4	5.2	4.3	5	1
2-Nov-04	3.4		2.6	1.1	5.2	4.3	5	1
7-Dec-04		3.3	2.9	1.5	5.2	4.3	5	1
15-Dec-04		4	3.7	2.8	5.2	4.3	5	1
4-Jan-05		2.5	5.9	6.2	5.2	4.3	5	1
8-Feb-05		1.1	2.5	1.9	5.2	4.3	5	1
2-Mar-05		2.9	1.7	0.9	5.2	4.3	5	1
5-Apr-05		2.5			5.2	4.3	5	1
3-May-05		2.9			5.2	4.3	5	1
			Plant Shut-down in June		5.2	4.3	5	1
12-Jul-05		0.9			5.2	4.3	5	1
3-Aug-05		1.2			5.2	4.3	5	1
7-Sep-05		2			5.2	4.3	5	1
					5.2	4.3	5	1
					5.2	4.3	5	1



5.2 4.3 5 1

Date	Final Comp	Final Grab pH 12	Immed. Anal.	Arsenite Dechlor	Final Grab pH 11	Final Grab pH 10	Outfall Grab	Interim Limit	Limit after 6/2007	Reporting Limit	MDL
17-Feb-04	14	9					4.8	12.6	4.3	5	1
24-Feb-04	14	8					12	12.6	4.3	5	1
3-Mar-04	10	12					1.5	12.6	4.3	5	1
9-Mar-04	11	15					10	12.6	4.3	5	1
4-May-04	7	7					2.9	12.6	4.3	5	1
14-May-04	8	4.9					3.2	12.6	4.3	5	1
21-May-04	12	6					4.7	12.6	4.3	5	1
27-May-04	11	4.8					2.8	12.6	4.3	5	1
3-Aug-04		6				2.1	7	12.6	4.3	5	1
2-Sep-04		2				1.4	4.8	12.6	4.3	5	1
5-Oct-04		3.9			1.7	1.4	4.4	12.6	4.3	5	1
9-Nov-04		6			2.7	2.7		12.6	4.3	5	1
14-Dec-04		8			2.7	3.6		12.6	4.3	5	1
11-Jan-05		8			1.8	1.2	2.7	12.6	4.3	5	1
2-Feb-05		8.1			2	1.2	4.1	12.6	4.3	5	1
8-Mar-05		4.6			1.9		2.7	12.6	4.3	5	1
5-Apr-05		8		48			4.1	12.6	4.3	5	1
10-May-05		6		48			3.2	12.6	4.3	5	1
18-May-05		2.3		44			12	12.6	4.3	5	1
9-Jun-05		5.7		32			2.4	12.6	4.3	5	1
6-Jul-05		4.6		44			3.8	12.6	4.3	5	1
17-Aug-05			0.99					12.6	4.3	5	1
13-Sep-05			0.99					12.6	4.3	5	1
4-Oct-05			1.2					12.6	4.3	5	1



Date	Final Comp	Final Grab pH 12	Immed. Anal.	Arsenite Dechlor.	Final Grab pH 11	Final Grab pH 10	Interim Limit	Limit after 5/2009	Reporting Limit	MDL
12-Feb-04	10	0.9					17	4.3	5	1
26-Feb-04	8	7					17	4.3	5	1
4-May-04	6	3.4					17	4.3	5	1
14-May-04	6	6					17	4.3	5	1
21-May-04	6	1.7					17	4.3	5	1
27-May-04	8	2.7					17	4.3	5	1
3-Aug-04		3				1.2	17	4.3	5	1
2-Sep-04		9				4.8	17	4.3	5	1
5-Oct-04		4.1			1.1	2.2	17	4.3	5	1
9-Nov-04		2.9			0.9	0.9	17	4.3	5	1
14-Dec-04		6			2.5	1.6	17	4.3	5	1
13-Jan-05		10			2.1	1.5	17	4.3	5	1
2-Feb-05		4.1			1.4	1.7	17	4.3	5	1
8-Mar-05		10			2.7	2.2	17	4.3	5	1
5-Apr-05		6		33			17	4.3	5	1
10-May-05		3.9		30			17	4.3	5	1
9-Jun-05		4.3		30.1			17	4.3	5	1
6-Jul-05		8		37			17	4.3	5	1
17-Aug-05			0.99				17	4.3	5	1
13-Sep-05			0.99				17	4.3	5	1
4-Oct-05			0.99				17	4.3	5	1
							17	4.3	5	1
							17	4.3	5	1
							17	4.3	5	1
										1
										1
										1
										1
										1
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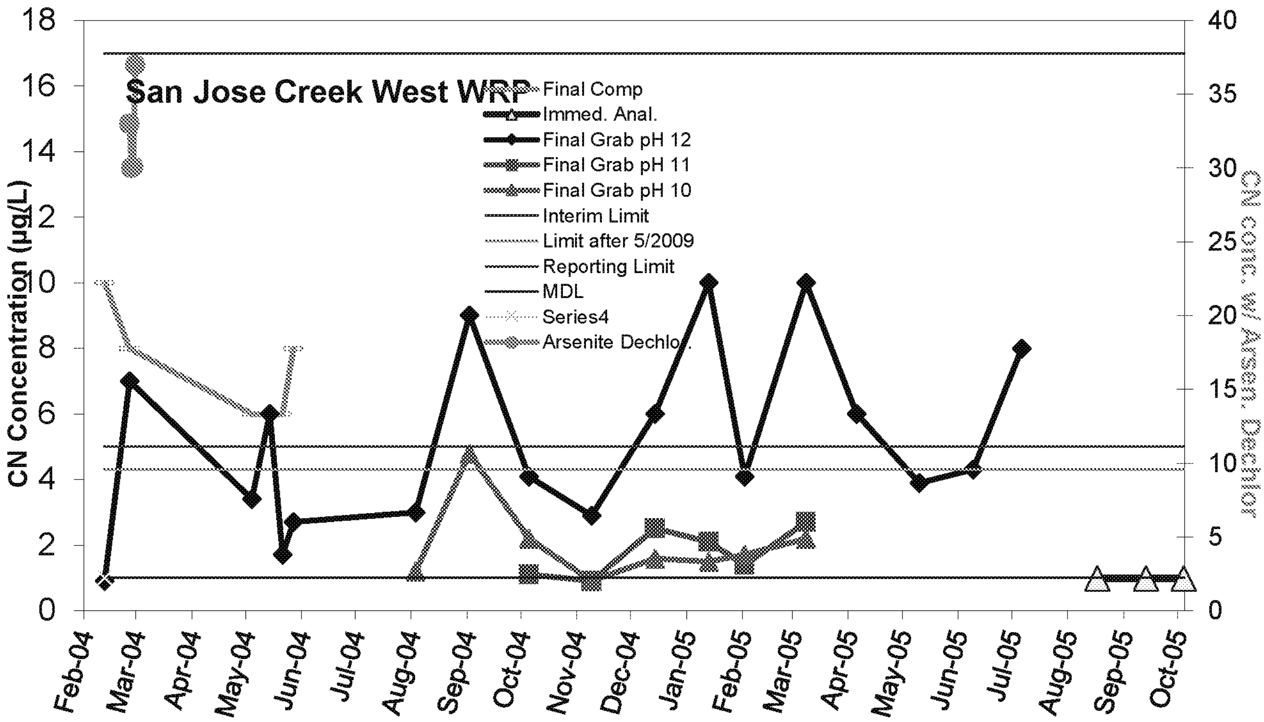
										1
										1
										1
							17	4.3	5	1



Date	Final Comp	Thio. dechlor pH 12	Thio. dechlor. - No pH adj	Arsen dechlor pH 12	Arsen dechlor - No pH adj.	Interim Limit	Limit after 5/2009	Reporting Limit	MDL
17-Mar-04	23					17	4.3	5	1
14-Apr-04		11				17	4.3	5	1
15-Apr-04		8				17	4.3	5	1
16-Apr-04		7				17	4.3	5	1
18-Apr-04		23				17	4.3	5	1
19-Apr-04		11				17	4.3	5	1
30-Apr-04		3.5				17	4.3	5	1
3-May-04		16				17	4.3	5	1
4-May-04		18				17	4.3	5	1
5-May-04		13				17	4.3	5	1
6-May-04		8				17	4.3	5	1
17-Mar-05		7	1.7	9	2.5	17	4.3	5	1
20-Jul-05		10				17	4.3	5	1
						17	4.3	5	1
						17	4.3	5	1
								5	1
								5	1
								5	1
								5	1
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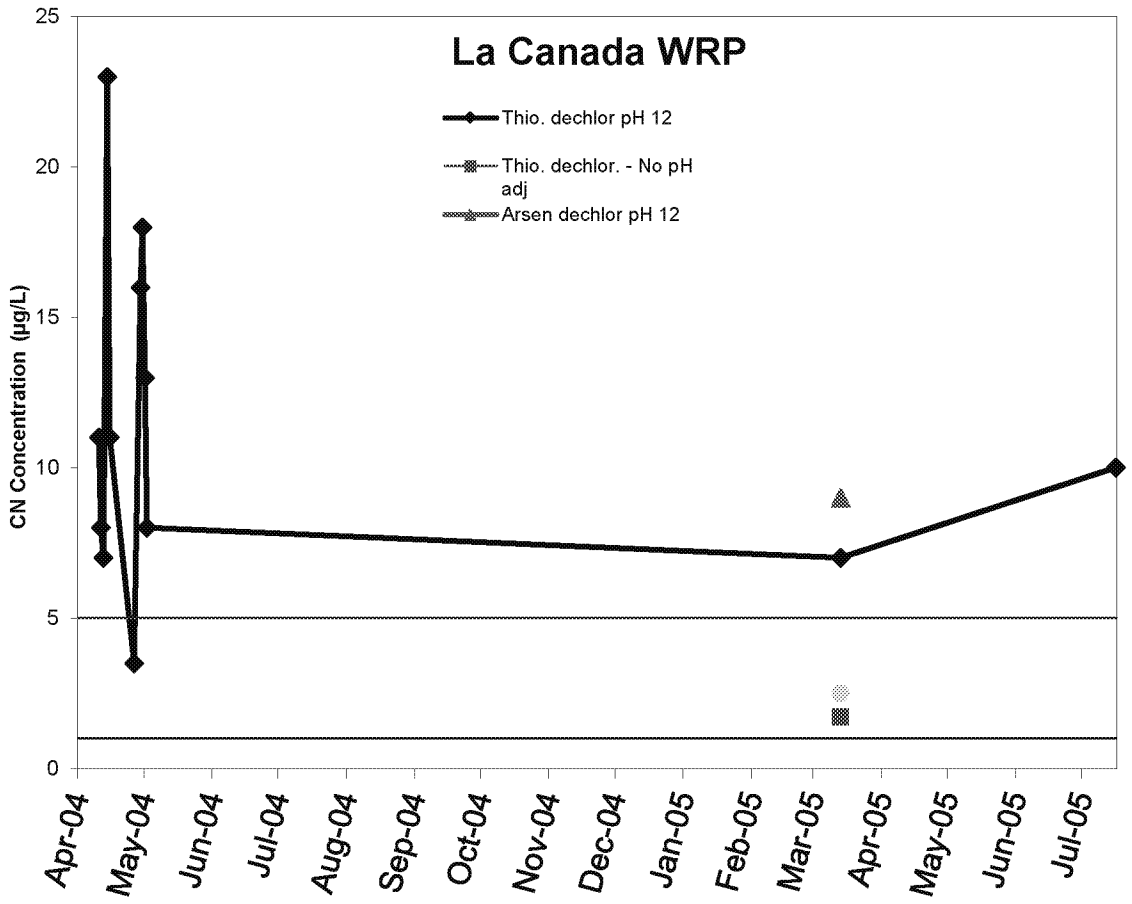
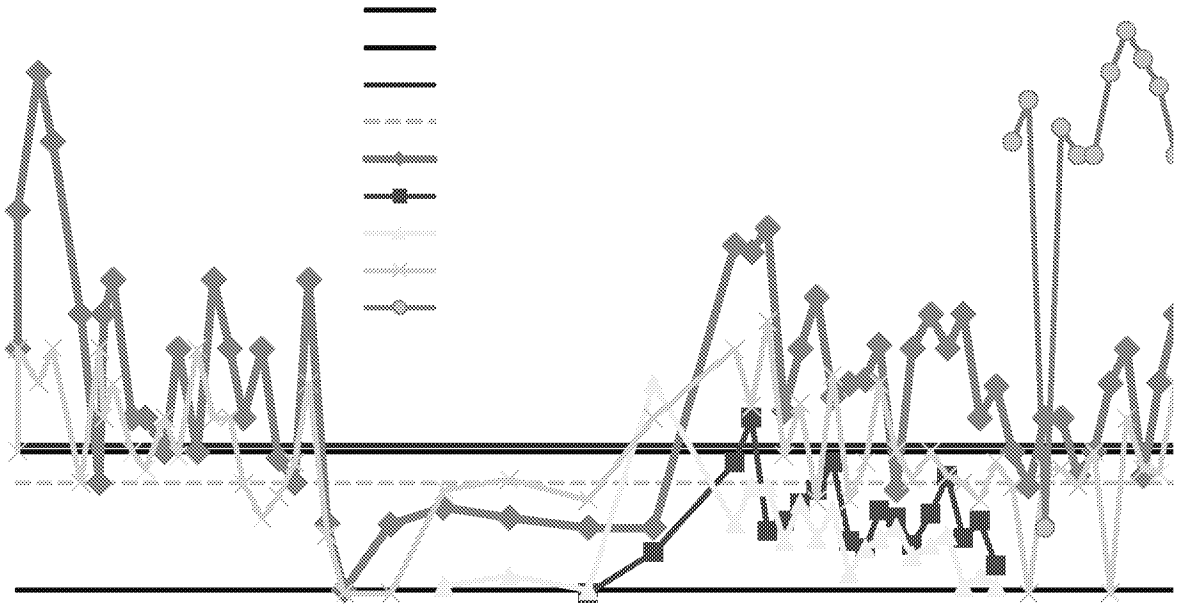
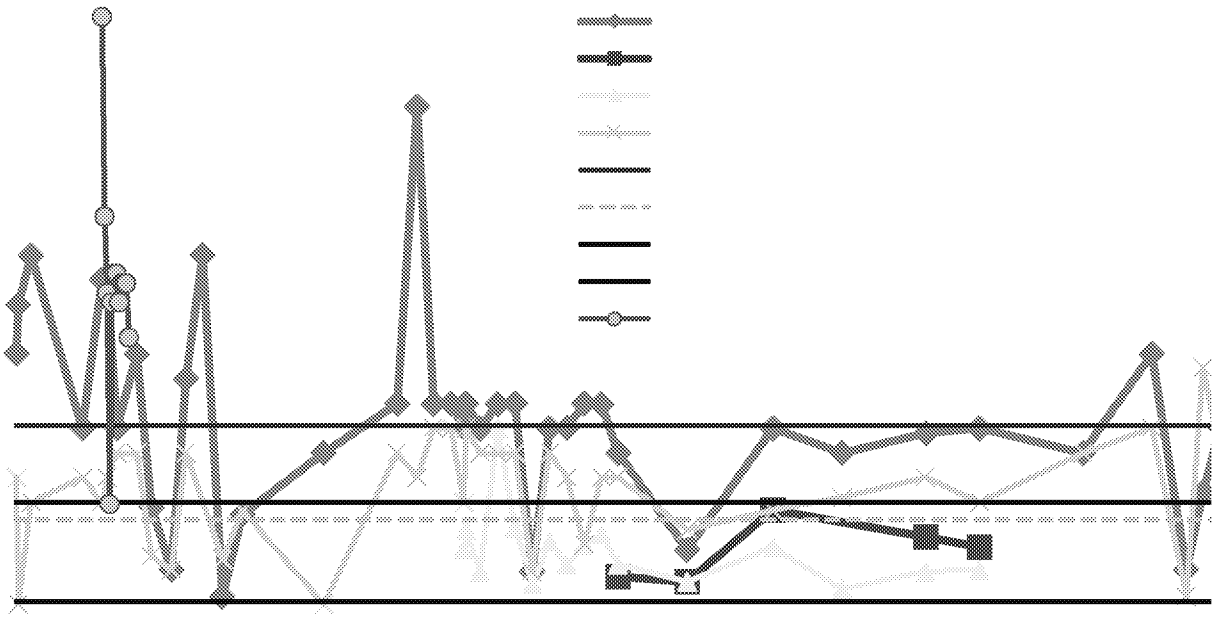
								5	1
								5	1
								5	1
								5	1
								5	1
								5	1
						17	4.3	5	1
						17	4.3	5	1
						17	4.3	5	1
						17	4.3	5	1
						17	4.3	5	1

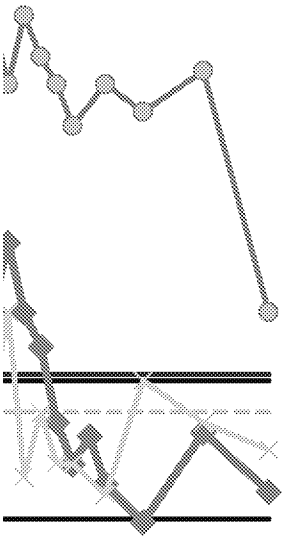


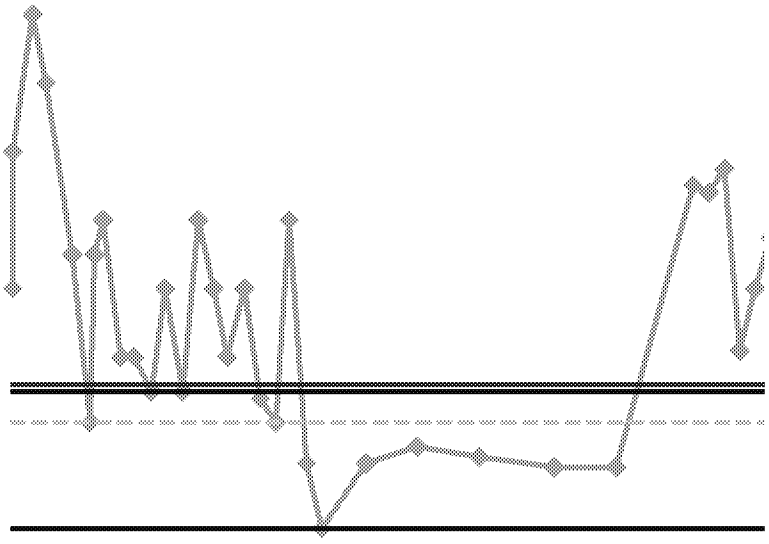
Valencia

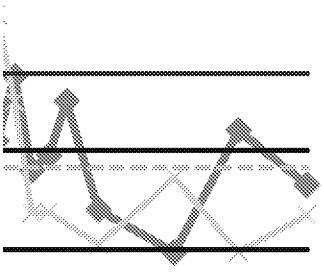


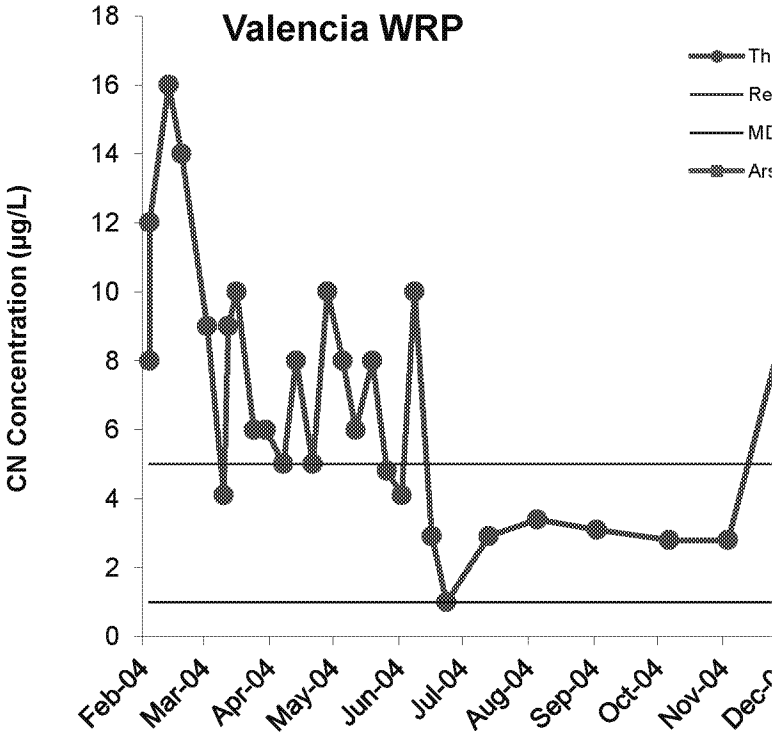
Saugus

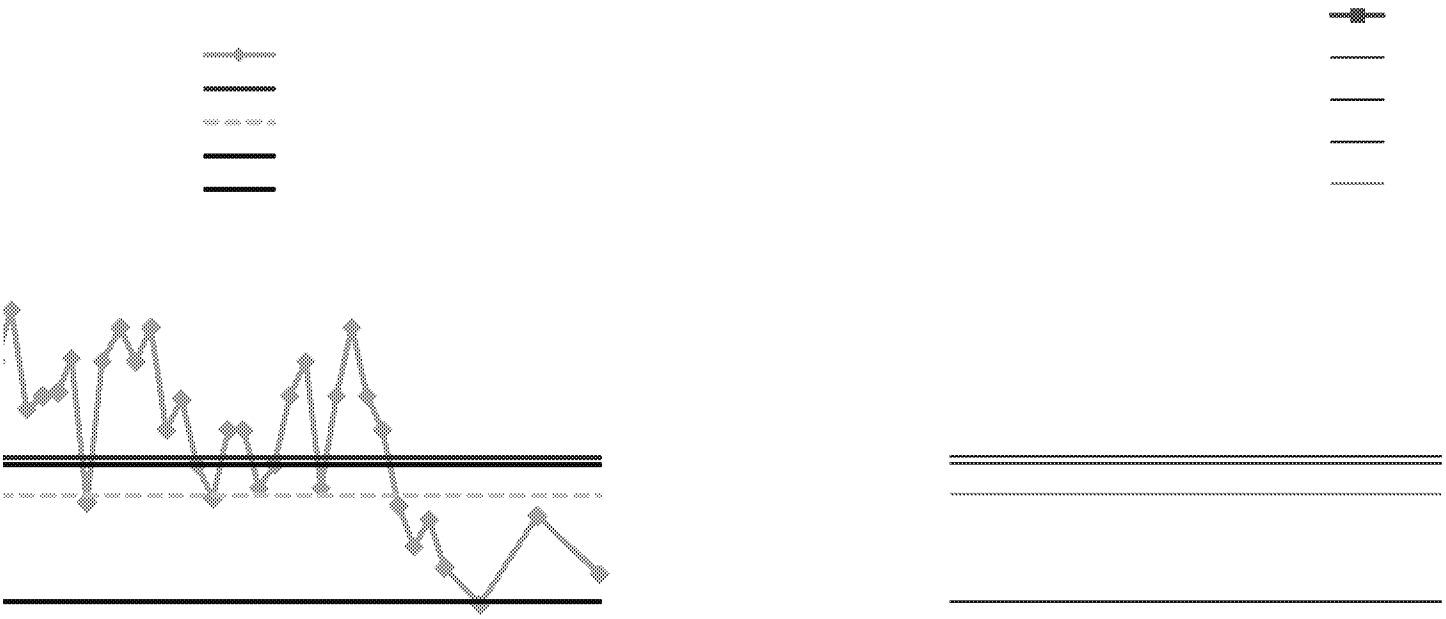


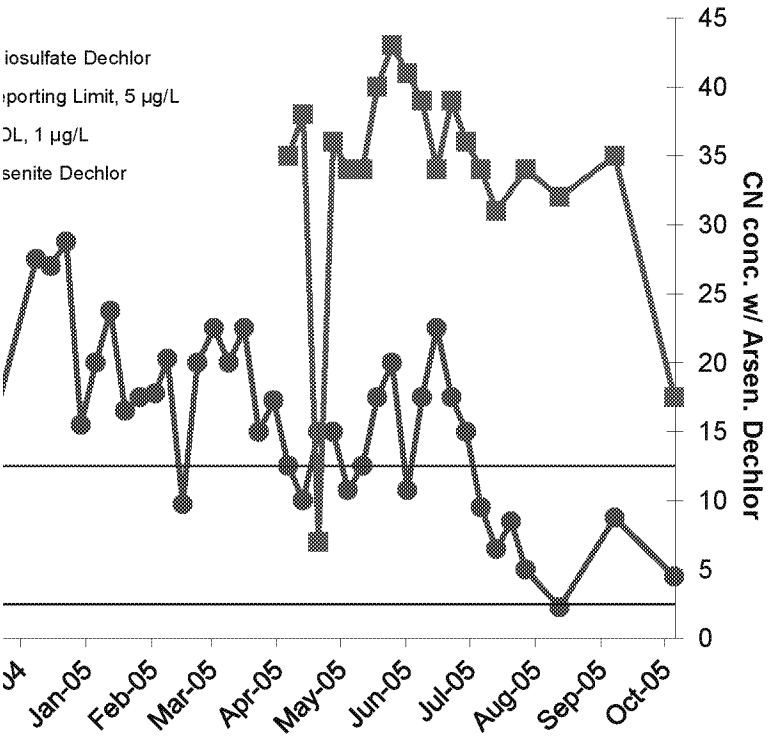


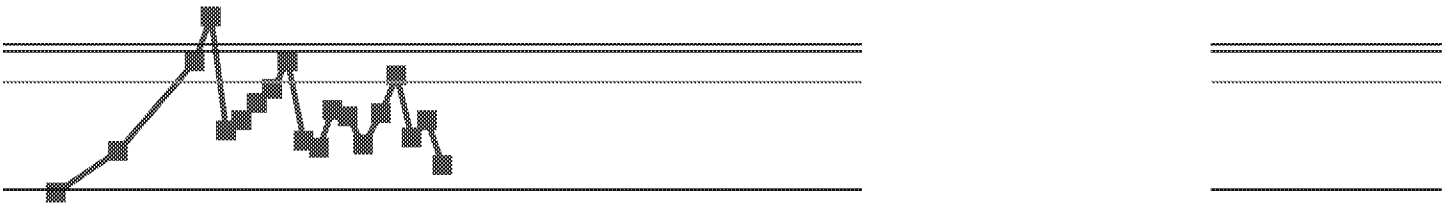


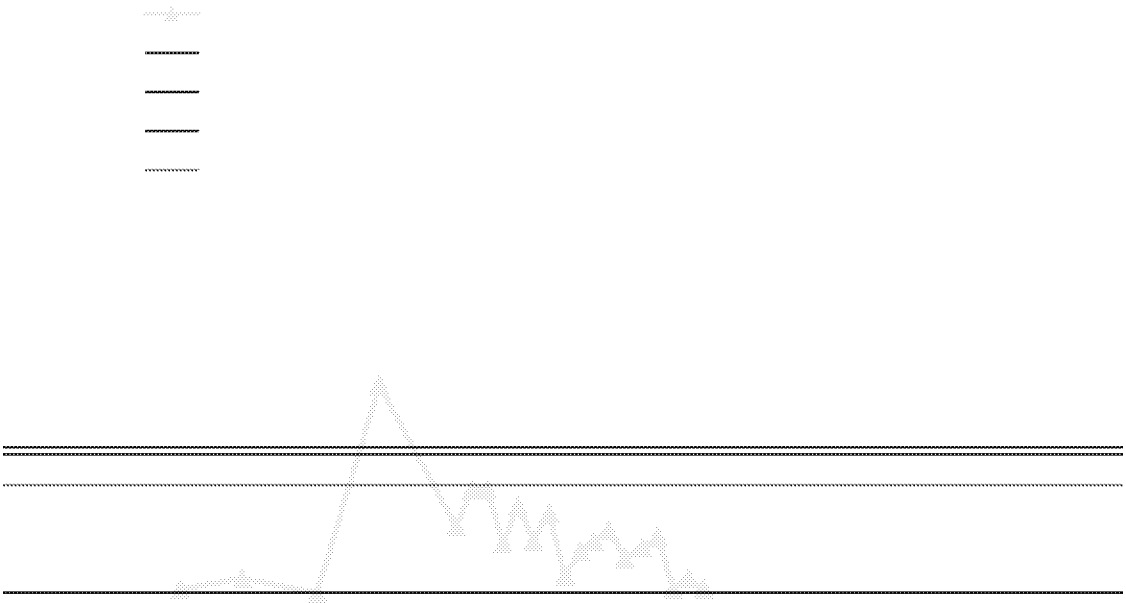


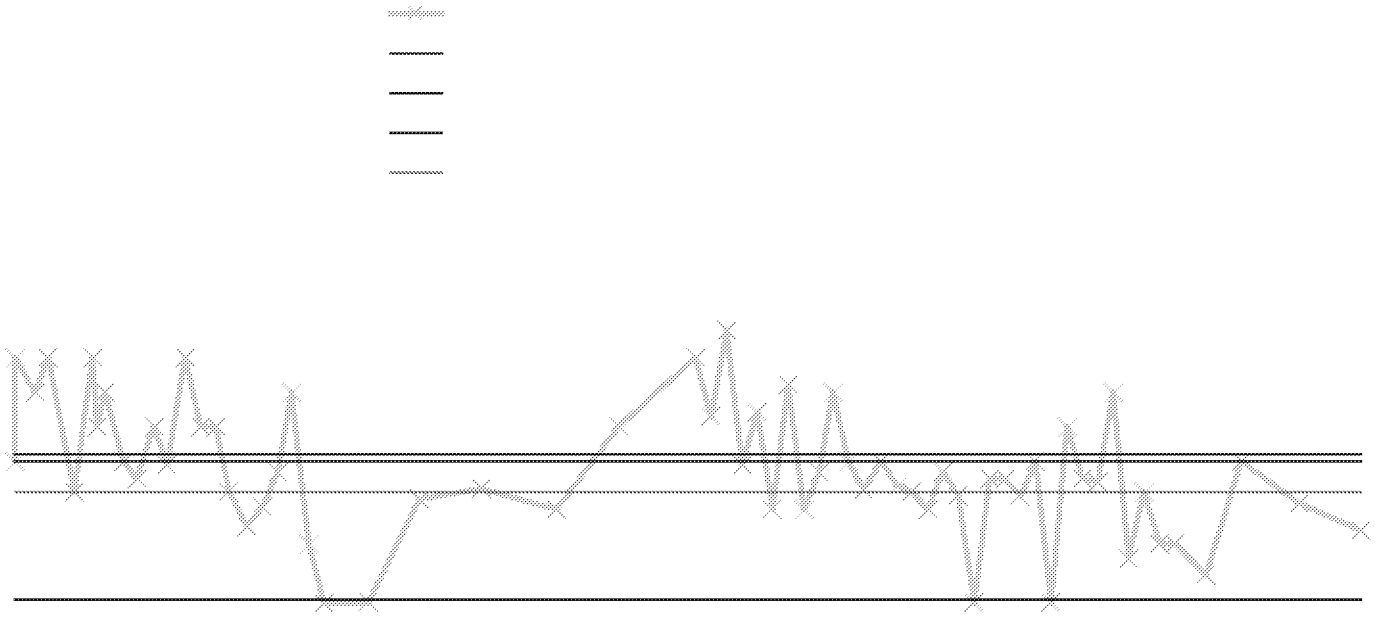

Valencia WRP
CN Concentration (µg/L)
0
2
4
6
8
10
12
14
16
18
Feb-04
Mar-04
Apr-04
May-04
Jun-04
Jul-04
Aug-04
Sep-04
Oct-04
Nov-04

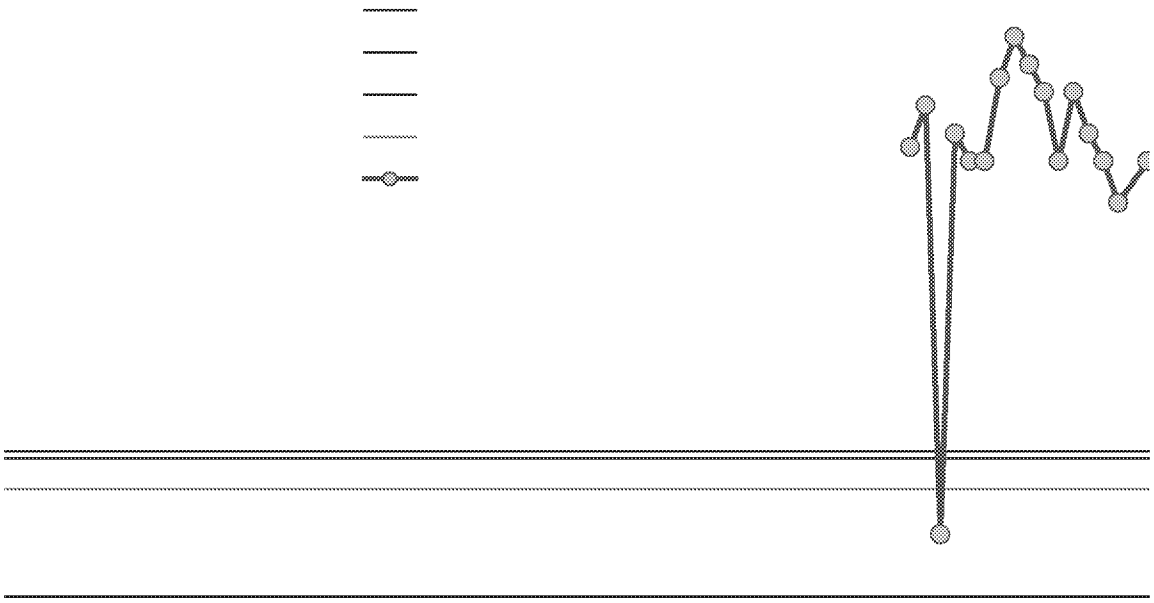



iosulfate Dechlor
porting Limit, 5 µg/L
DL, 1 µg/L
senite Dechlor
45
40
35
30
25
20
15
10
5
0
CN conc. w/ Arsen. Dechlor
J4
Jan-05
Feb-05
Mar-05
Apr-05
May-05
Jun-05
Jul-05
Aug-05
Sep-05
Oct-05

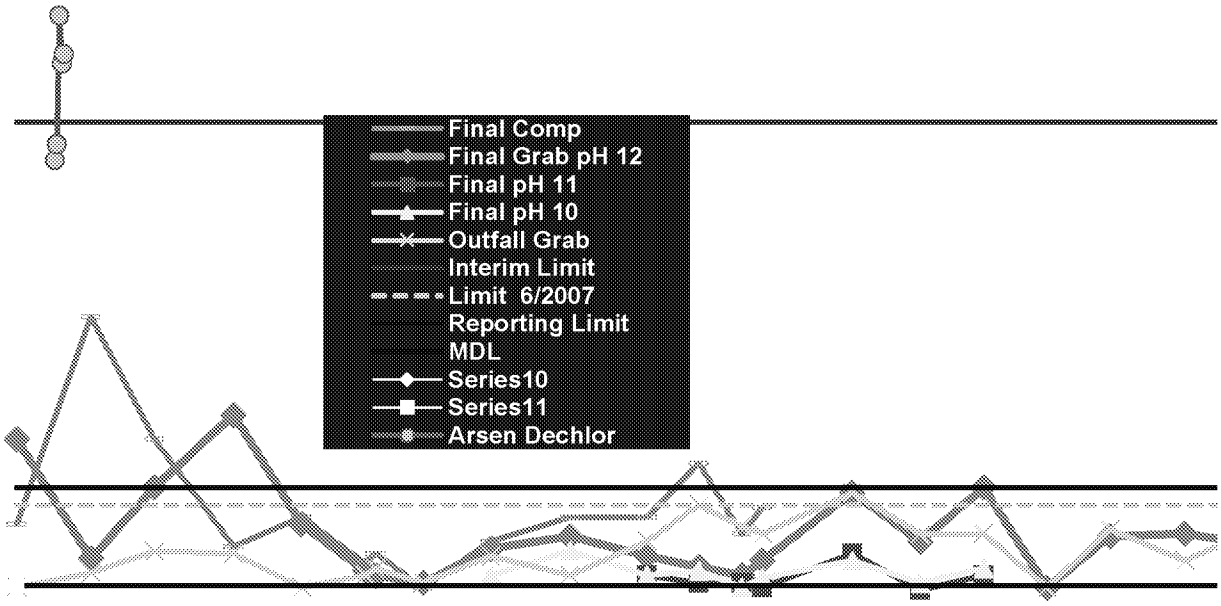




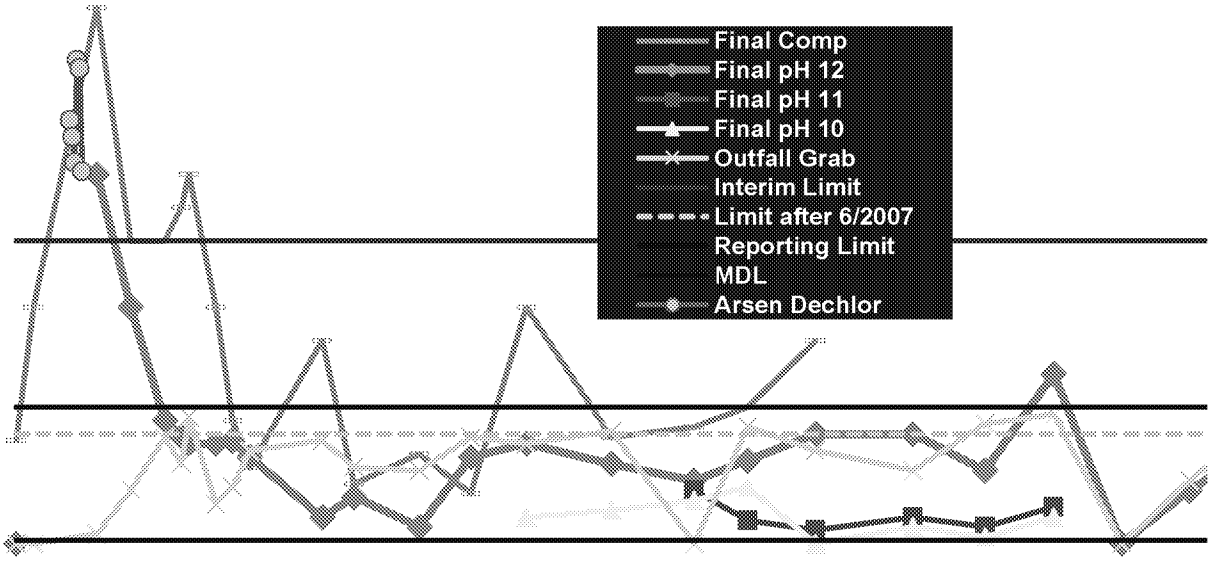


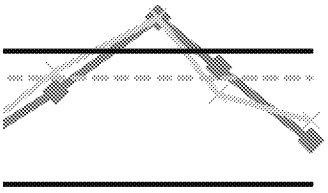


long beach

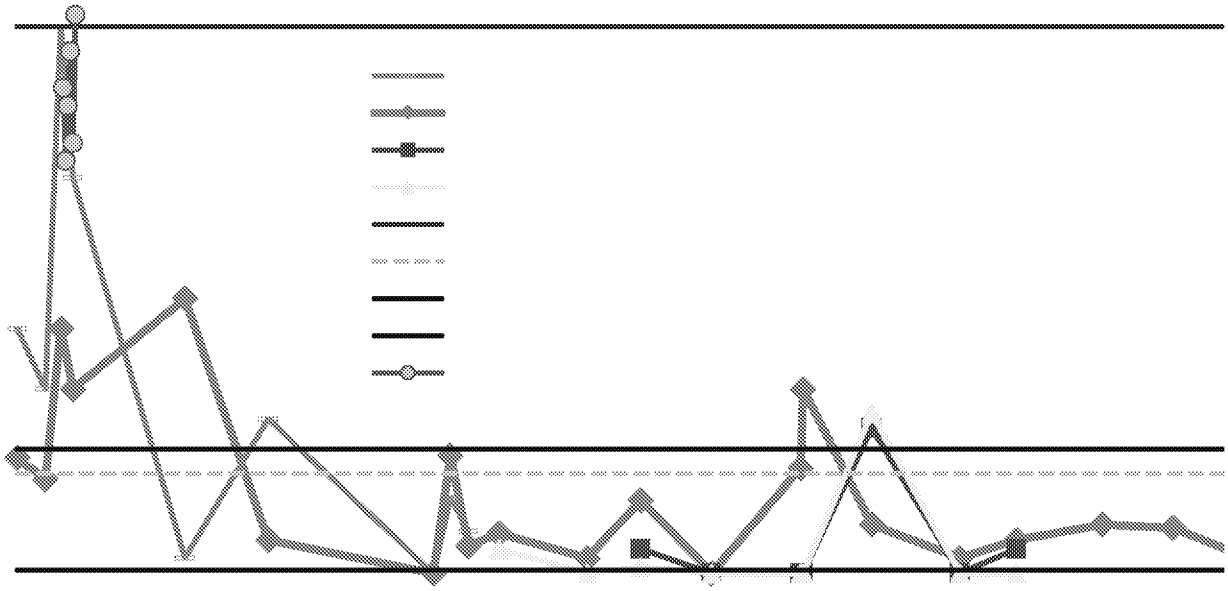


Los Coyotes

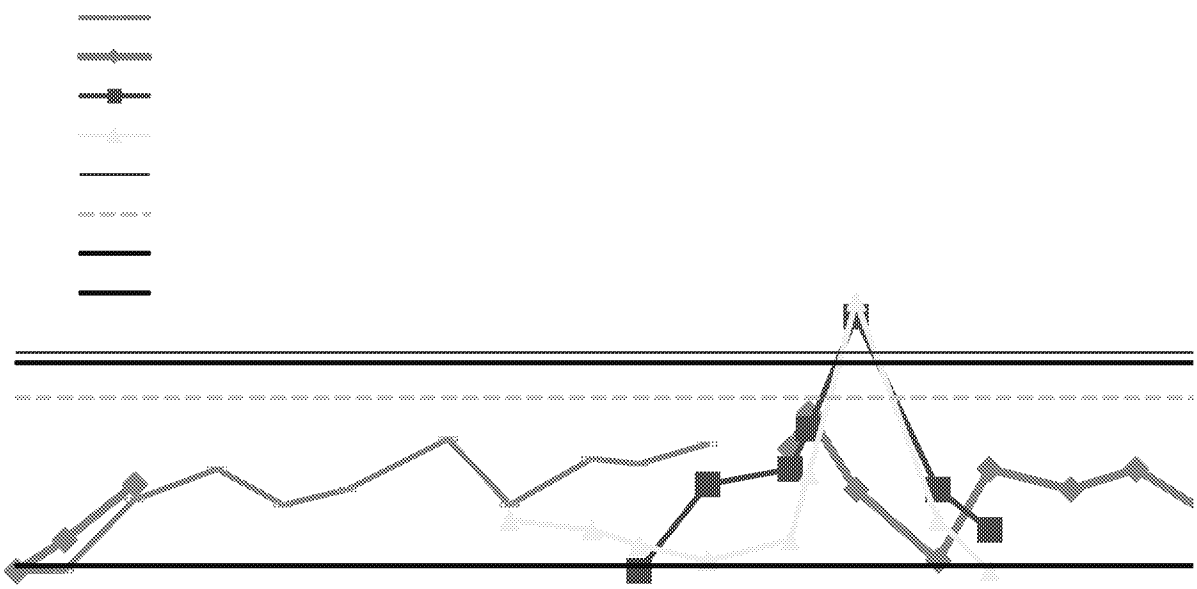


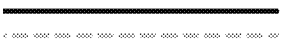


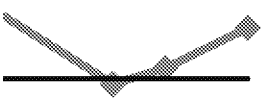
Pomona



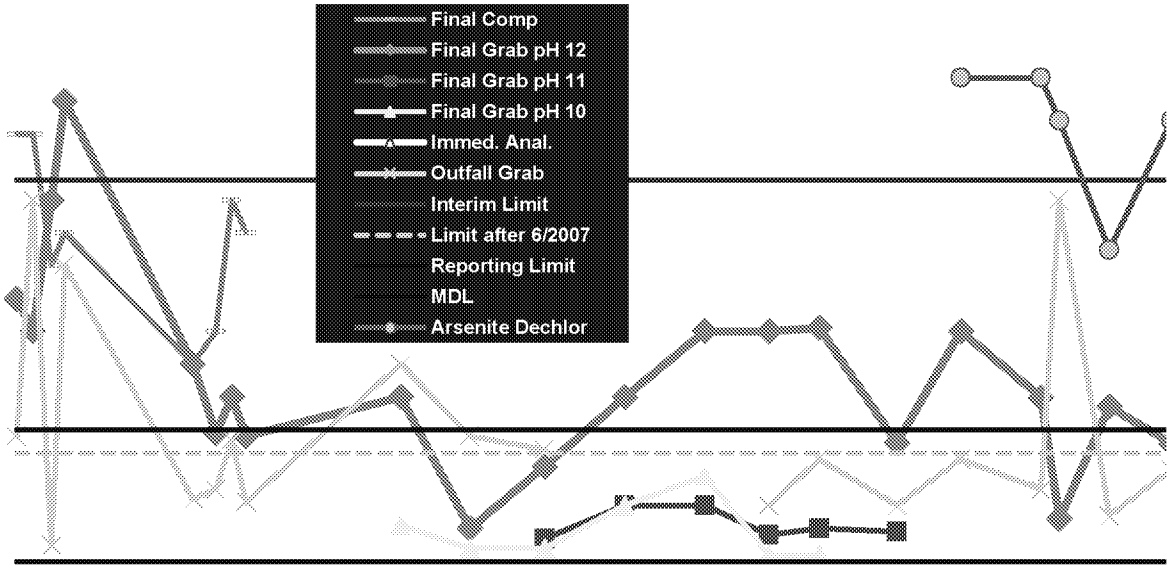
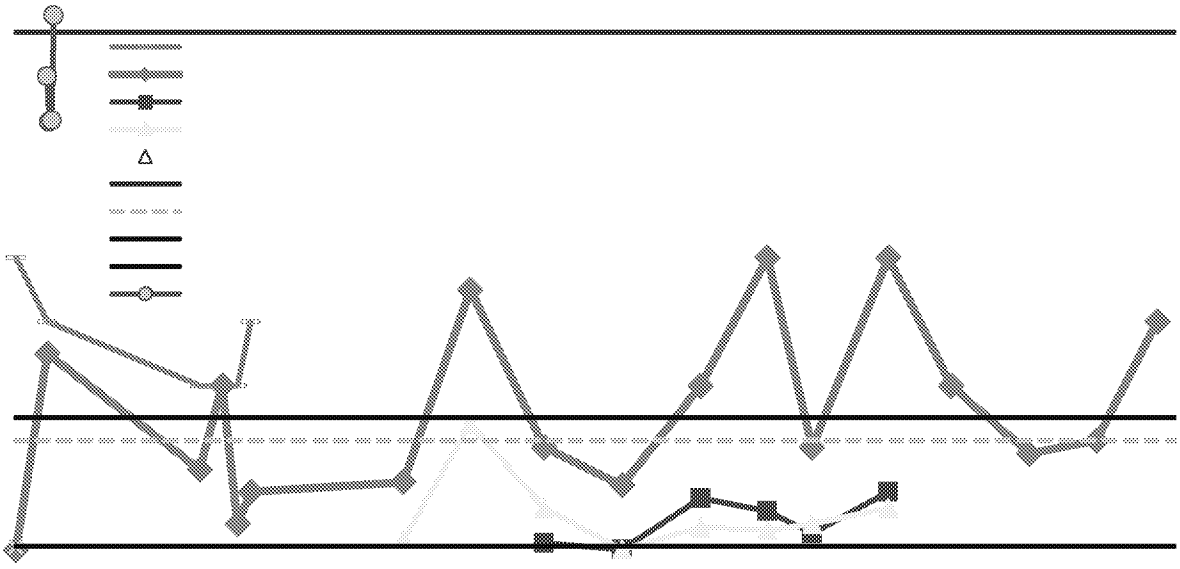
Whittier Narrows WRP







SJC East



SJC West