

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
CENTRAL VALLEY REGION

ADMINISTRATIVE CIVIL LIABILITY ORDER NO. R5-2008-0561

MANDATORY PENALTY  
IN THE MATTER OF

MAXWELL PUBLIC UTILITIES DISTRICT  
WASTEWATER TREATMENT FACILITY  
COLUSA COUNTY

This Order is issued to the Maxwell Public Utilities District (hereafter referred to as Discharger) pursuant to California Water Code (CWC) section 13385, which authorizes the imposition of Administrative Civil Liability (ACL). This Order is based on findings that the Discharger violated provisions of Waste Discharge Requirements (WDRs) Order Nos. 96-071 and R5-2002-0022 (NPDES No. CA0079987) and Time Schedule Order (TSO) No. R5-2007-0073.

The Executive Officer of the California Regional Water Quality Control Board, Central Valley Region (Central Valley Water Board) finds the following:

1. The Discharger owns and operates a wastewater collection, treatment, and disposal system, and provides sewerage service to the community of Maxwell. Treated municipal wastewater is discharged to an unnamed tributary to Lurline Creek, tributary to the Colusa Basin Drain, a water of the United States.
2. On 23 March 1996, the Central Valley Water Board adopted WDRs Order No. 96-071 to regulate discharges of waste from the WWTP. On 1 March 2002, the Central Valley Water Board adopted WDRs Order No. R5-2002-0022, which contained new regulations and rescinded Order No. 96-071. The WDRs include effluent limitations and other requirements regarding the wastewater discharges, including requirements and a time schedule to comply with tertiary treatment requirements by 1 February 2007. Because the Discharger could not consistently comply with the Effluent Limitations for ammonia and chlorine residual contained in the WDRs, the Central Valley Water Board also adopted Cease and Desist Order (CDO) No. R5-2002-0023 on 1 March 2002. The CDO required the Discharger to comply with effluent limitations for chlorine residual immediately and ammonia by 1 February 2007.
3. On 5 August 2003, the Executive Officer issued Administrative Civil Liability Complaint (ACLC) No. R5-2003-0505 for \$588,000 in mandatory minimum penalties (MMPs) pursuant to CWC sections 13385 (h) and (i) for violations of Waste Discharge Requirement Order No. 96-071 and Order No. R5-2002-0022 for the period 1 January 2000 through 25 March 2003. The ACLC provided that, because the Discharger is a small community with a financial hardship, that it could complete a compliance project in lieu of paying the penalty if it complied with certain timelines.
4. In response to the ACLC, the Discharger entered into a Stipulated Settlement Agreement with the Executive Officer on 22 October 2003. The Agreement allowed the Discharger to

complete a compliance project in lieu of paying the penalty in accordance with the following schedule:

- a. Submit the signed Stipulated Settlement Agreement by 30 October 2003.
  - b. Submit the project report and time schedule by 30 November 2003.
  - c. Complete the project and achieve full compliance by 1 February 2007.
5. The Discharger proposed land disposal as its compliance project, and submitted a Wastewater Facilities Plan dated December 2005. By letter dated 14 February 2006, the Discharger requested that the compliance time schedule be extended to 31 December 2009 because of difficulties acquiring land. In February 2007, the Discharger requested the deadline be moved to 18 May 2010, which coincides with the full compliance deadline in the California Toxics Rule.
  6. On 22 June 2007, the Central Valley Water Board adopted Time Schedule Order (TSO) No. R5-2007-0073. The TSO allows the Discharger until 18 May 2010 to comply with final effluent limitations, and includes interim effluent limitations for BOD, suspended solids, and total coliform organisms. The interim effluent limitations remain in effect until 18 May 2010, or when the Discharger is able to come into compliance with the final effluent limitations, whichever is sooner. This Order considered the interim effluent limitations and the protection from Mandatory Minimum Penalties provided by TSO No. R5-2007-0073.
  7. The Discharger is working to construct the project contained in the Stipulated Agreement. This Order rescinds ACLC R5-2003-0505, replaces the Stipulated Agreement, incorporates those violations into this Order, extends the Record of Violations through 30 April 2008, and allows the Discharger until 18 May 2010 to complete the project.
  8. Compliance with the TSO exempts the Discharger from MMPs for violations of effluent limitations for BOD, total suspended solids, and total coliform organisms only in accordance with CWC section 13385(j)(3) beginning 22 June 2007 through 18 May 2010. Because CDO No. R5-2002-0023 provided the Discharger with five years to comply with effluent limitations for ammonia, the exemption from mandatory minimum penalties pursuant to CWC section 13385(j)(3) does not apply for this constituent after 1 February 2007.
  9. CWC section 13385(h) and (i) require assessment of mandatory penalties and state, in part, the following:

*CWC section 13385(h)(1) states, "Notwithstanding any other provision of this division, and except as provided in subdivisions (j), (k), and (l), a mandatory minimum penalty of three thousand dollars (\$3,000) shall be assessed for each serious violation."*

*CWC section 13385 (h)(2) states, "For the purposes of this section, a 'serious violation' means any waste discharge that violates the effluent limitations contained in the applicable waste discharge requirements for a Group II pollutant, as specified in Appendix*

*A to Section 123.45 of Title 40 of the Code of Federal Regulations, by 20 percent or more or for a Group I pollutant, as specified in Appendix A to Section 123.45 of Title 40 of the Code of Federal Regulations, by 40 percent or more.”*

CWC section 13385(i)(1) states, “Notwithstanding any other provision of this division, and except as provided in subdivisions (j), (k), and (l), a mandatory minimum penalty of three thousand dollars (\$3,000) shall be assessed for each violation whenever the person does any of the following four or more times in any period of six consecutive months, except that the requirement to assess the mandatory minimum penalty shall not be applicable to the first three violations:

- A) *Violates a waste discharge requirement effluent limitation.*
- B) *Fails to file a report pursuant to Section 13260.*
- C) *Files an incomplete report pursuant to Section 13260.*
- D) *Violates a toxicity effluent limitation contained in the applicable waste discharge requirements where the waste discharge requirements do not contain pollutant-specific effluent limitations for toxic pollutants.”*

- 10. CWC section 13323 states, in part: “Any executive officer of a regional board may issue a complaint to any person on whom administrative civil liability may be imposed pursuant to this article. The complaint shall allege the act or failure to act that constitutes a violation of law, the provision authorizing civil liability to be imposed pursuant to this article, and the proposed civil liability.”
- 11. WDRs Order No. 96-071 Effluent Limitations No. B.2. states: “The discharge shall not have a pH less than 6.5 nor greater than 9.0.”
- 12. WDRs Order No. R5-2002-0022 Effluent Limitations No. B.1a. states in part: “Effluent shall not exceed the following limits (from adoption until 31 January 2007):”

<u>Constituent</u>	<u>Units</u>	<u>Average Monthly</u>	<u>Average Weekly</u>	<u>30-Day Median</u>	<u>Average Daily</u>	<u>Daily Maximum</u>
Total Suspended Solids	mg/L	160 <sup>2</sup>	240 <sup>2</sup>		320 <sup>2</sup>	
	lbs/day <sup>3</sup>	267	401		534	
Settleable Solids	mL/L	0.1			0.2	
Total Coliform Organisms	MPN/100 mL			23		500

<sup>2</sup> To be ascertained by a 24-hour composite

<sup>3</sup> Based upon a design treatment capacity of 0.20 mgd (x mg/L x 8.345 x 0.20 mgd = y lbs/day)

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<u>Constituents</u>	<u>Units</u>	<u>Average Monthly</u>	<u>Average 4-Day</u>	<u>Average Daily</u>	<u>Average 1-Hour</u>
Total Residual Chlorine	mg/L	0.010	0.011	0.012	0.019
	lb/day <sup>1</sup>	0.017	0.018	0.020	0.032

<sup>1</sup> Based upon a design treatment capacity of 0.20 mgd (x mg/L x 8.345 x 0.20 mgd = y lbs/day)

13. WDRs Order No. R5-2002-0022 Effluent Limitations No. B.1b. states in part: “Effluent shall not exceed the following limits (after 31 January 2007):”

<u>Constituent</u>	<u>Units</u>	<u>Average Monthly</u>	<u>Average Weekly</u>	<u>7-Day Median</u>	<u>Average Daily</u>	<u>Daily Maximum</u>
BOD <sup>1</sup>	mg/L	10 <sup>2</sup>	15 <sup>2</sup>		20 <sup>2</sup>	
	lbs/day <sup>3</sup>	17	25		33	
Total Suspended Solids	mg/L	10 <sup>2</sup>	15 <sup>2</sup>		20 <sup>2</sup>	
	lbs/day <sup>3</sup>	17	25		33	
Total Coliform Organisms	MPN/100 mL			2.2	--	23 <sup>4</sup>
Turbidity	NTU				2	5 <sup>5</sup>

<sup>1</sup> 5-day, 20°C biochemical oxygen demand (BOD)

<sup>2</sup> To be ascertained by a 24-hour composite

<sup>3</sup> Based upon a design treatment capacity of 0.20 mgd (x mg/L x 8.345 x 0.20 mgd = y lbs/day)

<sup>4</sup> The total coliform organisms concentration shall not exceed 23 MPN/100 mL more than once in any 30-day period. No sample shall exceed a concentration of 240 MPN/100 mL.

<sup>5</sup> The turbidity shall not exceed 5 NTU more than 5 percent of the time within a 24-hour period. At no time shall the turbidity exceed 10 NTU.

<u>Constituents</u>	<u>Units</u>	<u>Average Monthly</u>	<u>Average 4-Day</u>	<u>Average Daily</u>	<u>Average 1-Hour</u>
Ammonia	mg/L	Attachment B	Attachment C	--	Attachment D
	lb/day <sup>2</sup>			--	

<sup>1</sup> Based upon a design treatment capacity of 0.20 mgd (x mg/L x 8.345 x 0.20 mgd = y lbs/day)

<sup>2</sup> The mass limit (lb/day) for ammonia shall be equal to the concentration limit (from Attachments) multiplied by the design flow of 0.20 mgd and the unit conversion factor of 8.345 (see footnote 1 for equation).

14. WDRs Order No. R5-2002-0022 Effluent Limitations No. B.4. states: “The discharge shall not have a pH less than 6.5 nor greater than 8.5.”

15. TSO No. R5-2007-0073 (effective 22 June 2007) Provision No. 2 includes, in part, the following effluent limitations:

“The following interim effluent limitations shall be effective until 18 May 2010 or when the Discharger is able to come into full compliance with Order No. R5-2002-0022, whichever is earlier.”

<u>Constituent</u>	<u>Units</u>	<u>Average Monthly</u>	<u>Average Weekly</u>	<u>30-Day Median</u>	<u>Average Daily</u>	<u>Daily Maximum</u>
Total Coliform Organisms	MPN/100 mL	--	--	23	--	500

16. According to the Discharger's self-monitoring reports, the Discharger committed two hundred thirty-four (234) serious Group I violations of the above effluent limitations contained in Order Nos. 96-071, R5-2002-0022, and R5-2007-0073 during the period beginning 1 January 2000 and ending 30 April 2008. The violations are defined as serious because measured concentrations of Group I constituents exceeded maximum prescribed levels by more than 40 percent on these occasions. The mandatory minimum penalty for these serious violations is **seven hundred two thousand dollars (\$702,000)**.
17. According to the Discharger's self-monitoring reports, the Discharger committed one hundred eighty-three (183) serious violations of the above effluent limitations for Group II constituents contained in Order Nos. 96-071, R5-2002-0022, and R5-2007-0073 during the period beginning 1 January 2000 and ending 30 April 2008. The violations are defined as serious because measured concentrations of Group II constituents exceeded maximum prescribed levels by more than 20 percent on these occasions. The mandatory minimum penalty for these serious violations is **five hundred forty-nine thousand dollars (\$549,000)**.
18. According to the Discharger's self-monitoring reports, the Discharger committed one hundred thirty-four (134) non-serious violations of the above effluent limitations contained in Order Nos. 96-071, R5-2002-0022, and R5-2007-0073 during the period beginning 1 January 2000 and ending 30 April 2008. One hundred twenty-two (122) of the non-serious violations are subject to mandatory penalties under CWC section 13385(i)(1) because these violations were preceded by three or more similar violations within a six-month period. The mandatory minimum penalty for these non-serious violations is **three hundred sixty-six thousand dollars (\$366,000)**.
19. The total amount of the mandatory penalties assessed for the cited effluent violations is **one million six hundred and seventeen thousand dollars (\$1,617,000)**. A detailed list of the cited effluent violations is included in Attachment A, a part of this Order.
20. CWC section 13385 (k) states:

*“(1) In lieu of assessing all or a portion of the mandatory minimum penalties pursuant to subdivisions (h) and (i) against a publicly owned treatment works serving a small community, the state board or the regional board may elect to require the publicly owned treatment works to spend an equivalent amount towards the completion of a compliance project proposed by the publicly owned treatment works, if the state board or the regional board finds all of the following:*

- (A) The compliance project is designed to correct the violations within five years.*
- (B) The compliance project is in accordance with the enforcement policy of the state board, excluding any provision in the policy that is inconsistent with this section.*

*(C) The publicly owned treatment works has prepared a financing plan to complete the compliance project.*

*(2) For the purposes of this subdivision, "a publicly owned treatment works serving a small community" means a publicly owned treatment works serving a population of 10,000 persons or fewer or a rural county, with a financial hardship as determined by the state board after considering such factors as median income of the residents, rate of unemployment, or low population density in the service area of the publicly owned treatment works.*

21. Staff at the State Water Resources Control Board prepared a memorandum dated 6 March 2008, which determined that the Maxwell Public Utilities District Wastewater Treatment Plant is a publicly owned treatment works serving a small community within the meaning of CWC section 13385(k)(2). On 4 August 2008, the Executive Director of the State Water Board confirmed that determination.
22. The Discharger is in the process of spending an estimated \$8,141,000 on the construction of a new wastewater treatment plant, which will meet permitted effluent limitations, thereby correcting the violations that led to the assessment of the ACL penalty. Of this amount, \$2,000,000 of revenue is from a grant and cannot be used to offset the mandatory minimum penalties. The new plant will consist of improvements to the existing mechanical headworks, installation of a second aeration lagoon, installation of constructed wetlands after the oxidation ponds, construction of a pump station to move effluent to a storage pond located at the land application site, and installation of a SCADA system to monitor plant processes and performance. The discharger will construct a new irrigation system for land application of treated effluent at an agricultural parcel. On 11 January 2008, the General Manager submitted a detailed outline of the project, the construction schedule, and a listing of project costs. This project outline is incorporated into this Order by reference. When the compliance project is completed, the Discharger will have expended in excess of the mandatory minimum penalties that have been assessed pursuant to CWC sections 13385(h) and (i).
23. The Central Valley Water Board finds that the Compliance Project has been designed to correct the violations that have led to the issuance of this Administrative Civil Liability Order within five years, that the project is in accordance with the enforcement policy of the State Water Board, and that the Discharger has developed an appropriate financing plan to complete the project.
24. On 15 March 2007, the Central Valley Water Board explicitly delegated to the Executive Officer the authority to issue orders to assess administrative civil liability where the matter is not contested by the discharger. (Resolution R5-2007-0009).
25. Issuance of this Administrative Civil Liability Order to enforce CWC Division 7, Chapter 5.5 is exempt from the provisions of the California Environmental Quality Act (Pub. Resources

Code section 21000 et seq.), in accordance with California Code of Regulations, title 14, section 15321(a)(2).

26. Any person affected by this action of the Central Valley Water Board may petition the State Water Board to review the action in accordance with CWC section 13320 and California Code of Regulations, title 23, section 2050. The petition must be received by the State Water Board, Office of Chief Counsel, P.O. Box 100, Sacramento, 95812 within 30 days of the date of that this tentative Order becomes final. This tentative Order is set to become final on 12 September 2008. Copies of the law and regulations applicable to filing petitions are available at [http://www.waterboards.ca.gov/public\\_notices/petitions/water\\_quality/](http://www.waterboards.ca.gov/public_notices/petitions/water_quality/) and also will be provided upon request.

**IT IS HEREBY ORDERED** pursuant to California Water Code sections 13385(a), (h), (i), and (k), and Resolution R5-2007-0009, that Administrative Civil Liability Complaint No. R5-2003-0505 is rescinded and:

1. The Maxwell Public Utilities District, its agents, successors and assigns, shall be assessed an Administrative Civil Liability in the amount of **one million six hundred and seventeen thousand dollars (\$1,617,000)**.
2. The entire \$1,617,000 penalty shall be deemed satisfied by the Central Valley Water Board through the completion of the compliance project if the Discharger complies with the following time schedule to complete its compliance project:

<u>Task</u>	<u>Compliance Date</u>
Complete Construction of the Land Application Wastewater Treatment Plant	31 January 2010
Full Operation of the Land Application Wastewater Treatment Plant	18 May 2010
Submit final documentation of Compliance Project costs	31 August 2010

3. A progress report shall be submitted on or before each of the above compliance dates. The report shall describe the work undertaken to comply with this Order.
4. The Executive Officer may extend the abovementioned deadlines if the Discharger demonstrates that unforeseeable contingencies have created delays, provided that the Discharger continues to undertake all appropriate measures to meet the deadlines. The discharger shall make any deadline extension request in writing. Under no circumstances may the completion of the Compliance Project extend past five (5) years from the issuance of this Order.
5. The Discharger must obtain explicit approval from the Executive Officer for any significant departures from the project outline submitted by the General Manager on 11 January 2008. Failure to obtain approval for any significant departures will result in the assessment of the full amount of the suspended mandatory minimum penalty.

6. If, in the judgment of the Executive Officer, the Discharger fails to complete the compliance project in accordance with the specified time schedule or fails to construct the compliance project in accordance with the project outline submitted by the General Manager on 11 January 2008 without obtaining Central Valley Water Board approval, the suspended mandatory minimum penalty **(\$1,617,000)** must be paid within 30 days of notification by the Executive Officer of such failure.

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PAMELA CREEDON, Executive Officer

18 September 2008

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Attachment A: Record of Violations  
BLH: 09/18/08

ATTACHMENT A  
ADMINISTRATIVE CIVIL LIABILITY ORDER NO. R5-2008-0561

**Maxwell Public Utility District  
Wastewater Treatment Plant**

RECORD OF VIOLATIONS (1 January 2000 – 30 April 2008) MANDATORY PENALTIES  
(Data reported under Monitoring and Reporting Program Nos. 96-071 and R5-2002-0022)

	<u>Date</u>	<u>Violation Type</u>	<u>Units</u>	<u>Limit</u>	<u>Measured</u>	<u>Period Type</u>	<u>*Flow Rate</u>	<u>Remarks</u>
1	14-Jul-01	pH	pH Unit	6.5	4.1	Daily		3
2	26-Jul-01	pH	pH Unit	6.5	3.5	Daily		3
3	2-Apr-02	Chlorine	mg/L	0.019	2	1-hr Average		2
4	2-Apr-02	Chlorine	lbs/day	0.032	1.5	1-hr Average	0.11	2
5	3-Apr-02	Chlorine	mg/L	0.019	2.2	1-hr Average		2
6	3-Apr-02	Chlorine	lbs/day	0.032	1.7	1-hr Average	0.1	2
7	4-Apr-02	Chlorine	mg/L	0.019	2	1-hr Average		2
8	4-Apr-02	Chlorine	lbs/day	0.032	1.5	1-hr Average	0.1	2
9	4-Apr-02	Chlorine	mg/L	0.011	2.07	4-day Average		2
10	4-Apr-02	Chlorine	lbs/day	0.018	1.55	4-day Average	0.1	2
11	5-Apr-02	Chlorine	mg/L	0.019	2.2	1-hr Average		2
12	5-Apr-02	Chlorine	lbs/day	0.032	1.47	1-hr Average	0.1	2
13	8-Apr-02	Chlorine	mg/L	0.019	1.5	1-hr Average		2
14	8-Apr-02	Chlorine	lbs/day	0.032	1.13	1-hr Average	0.1	2
15	8-Apr-02	Chlorine	mg/L	0.011	1.85	4-day Average		2
16	8-Apr-02	Chlorine	lbs/day	0.018	1.3	4-day Average	0.1	2
17	9-Apr-02	Chlorine	mg/L	0.019	1.8	1-hr Average	0.1	2
18	9-Apr-02	Chlorine	lbs/day	0.032	1.05	1-hr Average	0.1	2
19	10-Apr-02	Chlorine	mg/L	0.019	2	1-hr Average		2
20	10-Apr-02	Chlorine	lbs/day	0.032	1.5	1-hr Average	0.09	2
21	11-Apr-02	Chlorine	mg/L	0.019	2.2	1-hr Average		2
22	11-Apr-02	Chlorine	lbs/day	0.032	1.65	1-hr Average	0.1	2
23	11-Apr-02	Coliform	MPN/100 mL	500	1600	Daily		4
24	12-Apr-02	Chlorine	mg/L	0.019	2.2	1-hr Average		2
25	12-Apr-02	Chlorine	lbs/day	0.032	1.65	1-hr Average	0.1	2
26	12-Apr-02	Chlorine	mg/L	0.011	2.05	4-day Average		2
27	12-Apr-02	Chlorine	lbs/day	0.018	1.46	4-day Average	0.1	2
28	15-Apr-02	Chlorine	mg/L	0.019	>2.5	1-hr Average		2
29	15-Apr-02	Chlorine	lbs/day	0.032	1.04	1-hr Average	0.1	2
30	16-Apr-02	Chlorine	mg/L	0.019	>2.5	1-hr Average		2
31	16-Apr-02	Chlorine	lbs/day	0.032	1.46	1-hr Average	0.1	2
32	16-Apr-02	Chlorine	mg/L	0.011	2.5	4-day Average		2
33	16-Apr-02	Chlorine	lbs/day	0.018	0.626	4-day Average	0.1	2
34	16-Apr-02	Coliform	MPN/100 mL	500	1600	Daily		4
35	17-Apr-07	Chlorine	mg/L	0.019	>2.5	1-hr Average		2
36	17-Apr-02	Chlorine	lbs/day	0.032	1.67	1-hr Average	0.1	2
37	18-Apr-02	Chlorine	mg/L	0.019	>2.5	1-hr Average		2

ATTACHMENT A  
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	<u>Date</u>	<u>Violation Type</u>	<u>Units</u>	<u>Limit</u>	<u>Measured</u>	<u>Period Type</u>	<u>*Flow Rate</u>	<u>Remarks</u>
38	18-Apr-02	Chlorine	lbs/day	0.032	1.46	1-hr Average	0.1	2
39	18-Apr-02	Coliform	MPN/100 mL	500	1600	Daily		4
40	19-Apr-02	Chlorine	mg/L	0.019	>2.5	1-hr Average		2
41	19-Apr-02	Chlorine	lbs/day	0.032	1.25	1-hr Average	0.1	2
42	20-Apr-02	Chlorine	mg/L	0.011	2.5	4-day Average		2
43	20-Apr-02	Chlorine	lbs/day	0.018	1.46	4-day Average	0.09	2
44	22-Apr-02	Chlorine	mg/L	0.019	>2.5	1-hr Average		2
45	22-Apr-02	Chlorine	lbs/day	0.032	1.88	1-hr Average	0.09	2
46	23-Apr-02	Chlorine	mg/L	0.019	>2.5	1-hr Average		2
47	23-Apr-02	Chlorine	lbs/day	0.032	1.67	1-hr Average	0.09	2
48	24-Apr-02	Chlorine	mg/L	0.019	>2.5	1-hr Average		2
49	24-Apr-02	Chlorine	lbs/day	0.032	1.7	1-hr Average	0.09	2
50	24-Apr-02	Chlorine	mg/L	0.011	2.5	4-day Average		2
51	24-Apr-02	Chlorine	lbs/day	0.018	1.74	4-day Average	0.09	2
52	25-Apr-02	Chlorine	mg/L	0.019	>2.5	1-hr Average		2
53	25-Apr-02	Chlorine	lbs/day	0.032	1.67	1-hr Average	0.09	2
54	26-Apr-02	Chlorine	mg/L	0.019	>2.5	1-hr Average		2
55	26-Apr-02	Chlorine	lbs/day	0.032	1.67	1-hr Average	0.09	2
56	28-Apr-02	Chlorine	mg/L	0.011	2.5	4-day Average		2
57	28-Apr-02	Chlorine	lbs/day	0.018	1.67	4-day Average	0.09	2
58	29-Apr-02	Chlorine	mg/L	0.019	>2.5	1-hr Average		2
59	29-Apr-02	Chlorine	lbs/day	0.032	2.09	1-hr Average	0.09	2
60	30-Apr-02	Chlorine	mg/L	0.019	>2.5	1-hr Average		2
61	30-Apr-02	Chlorine	lbs/day	0.032	1.88	1-hr Average	0.09	2
62	30-Apr-02	Coliform	MPN/100 mL	23	300	30-Day Median		4
63	1-May-02	Chlorine	mg/L	0.019	>2.5	1-hr Average		2
64	1-May-02	Chlorine	lbs/day	0.032	1.88	1-hr Average	0.09	2
65	2-May-02	Chlorine	mg/L	0.019	>2.5	1-hr Average		2
66	2-May-02	Chlorine	lbs/day	0.032	1.67	1-hr Average	0.09	2
67	3-May-02	Chlorine	mg/L	0.019	>2.5	1-hr Average		2
68	3-May-02	Chlorine	lbs/day	0.032	1.46	1-hr Average	0.09	2
69	4-May-02	Chlorine	mg/L	0.019	>2.5	1-hr Average		2
70	4-May-02	Chlorine	lbs/day	0.032	1.88	1-hr Average	0.09	2
71	4-May-02	Chlorine	mg/L	0.011	>2.5	4-day Average		2
72	4-May-02	Chlorine	lbs/day	0.018	1.72	4-day Average	0.09	2
73	5-May-02	Chlorine	mg/L	0.019	>2.5	1-hr Average		2
74	5-May-02	Chlorine	lbs/day	0.032	1.88	1-hr Average	0.08	2
75	6-May-02	Chlorine	mg/L	0.019	>2.5	1-hr Average		2
76	6-May-02	Chlorine	lbs/day	0.032	1.67	1-hr Average	0.08	2

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	<u>Date</u>	<u>Violation Type</u>	<u>Units</u>	<u>Limit</u>	<u>Measured</u>	<u>Period Type</u>	<u>*Flow Rate</u>	<u>Remarks</u>
77	7-May-02	Chlorine	mg/L	0.019	>2.5	1-hr Average		2
78	7-May-02	Chlorine	lbs/day	0.032	1.25	1-hr Average	0.08	2
79	8-May-02	Chlorine	mg/L	0.019	>2.5	1-hr Average		2
80	8-May-02	Chlorine	lbs/day	0.032	0.63	1-hr Average	0.08	2
81	8-May-02	Chlorine	mg/L	0.011	>2.5	4-day Average		2
82	8-May-02	Chlorine	lbs/day	0.018	1.36	4-day Average	0.08	2
83	9-May-02	Chlorine	mg/L	0.019	>2.5	1-hr Average		2
84	9-May-02	Chlorine	lbs/day	0.032	1.67	1-hr Average	0.08	2
85	10-May-02	Chlorine	mg/L	0.019	>2.5	1-hr Average		2
86	10-May-02	Chlorine	lbs/day	0.032	1.46	1-hr Average	0.08	2
87	11-May-02	Chlorine	mg/L	0.019	>2.5	1-hr Average		2
88	11-May-02	Chlorine	lbs/day	0.032	1.25	1-hr Average	0.08	2
89	12-May-02	Chlorine	mg/L	0.019	>2.5	1-hr Average		2
90	12-May-02	Chlorine	lbs/day	0.032	1.88	1-hr Average	0.08	2
91	12-May-02	Chlorine	mg/L	0.011	>2.5	4-day Average		2
92	12-May-02	Chlorine	lbs/day	0.018	1.56	4-day Average	0.08	2
93	13-May-02	Chlorine	mg/L	0.019	>2.5	1-hr Average		2
94	13-May-02	Chlorine	lbs/day	0.032	1.67	1-hr Average	0.08	2
95	14-May-02	Chlorine	mg/L	0.019	>2.5	1-hr Average		2
96	14-May-02	Chlorine	lbs/day	0.032	1.67	1-hr Average	0.08	2
97	15-May-02	Chlorine	mg/L	0.019	>2.5	1-hr Average		2
98	15-May-02	Chlorine	lbs/day	0.032	2.09	1-hr Average	0.08	2
99	16-May-02	Chlorine	mg/L	0.019	>2.5	1-hr Average		2
100	16-May-02	Chlorine	lbs/day	0.032	1.67	1-hr Average	0.08	2
101	16-May-02	Chlorine	mg/L	0.011	>2.5	4-day Average		2
102	16-May-02	Chlorine	lbs/day	0.018	1.77	4-day Average	0.08	2
103	17-May-02	Chlorine	mg/L	0.019	>2.5	1-hr Average		2
104	17-May-02	Chlorine	lbs/day	0.032	1.88	1-hr Average	0.09	2
105	18-May-02	Chlorine	mg/L	0.019	>2.5	1-hr Average		2
106	18-May-02	Chlorine	lbs/day	0.032	1.46	1-hr Average	0.09	2
107	19-May-02	Chlorine	mg/L	0.019	>2.5	1-hr Average		2
108	19-May-02	Chlorine	lbs/day	0.032	3.55	1-hr Average	0.1	2
109	20-May-02	Chlorine	mg/L	0.019	>2.5	1-hr Average		2
110	20-May-02	Chlorine	lbs/day	0.032	4.38	1-hr Average	0.12	2
111	20-May-02	Chlorine	mg/L	0.011	>2.5	4-day Average		2
112	20-May-02	Chlorine	lbs/day	0.018	2.82	4-day Average	0.12	2
113	21-May-02	Chlorine	mg/L	0.032	>2.5	1-hr Average		2
114	21-May-02	Chlorine	lbs/day	0.019	3.34	1-hr Average	0.12	2
115	22-May-02	Chlorine	mg/L	0.032	>2.5	1-hr Average		2

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	<u>Date</u>	<u>Violation Type</u>	<u>Units</u>	<u>Limit</u>	<u>Measured</u>	<u>Period Type</u>	<u>*Flow Rate</u>	<u>Remarks</u>
116	22-May-02	Chlorine	lbs/day	0.032	2.5	1-hr Average	0.12	2
117	23-May-02	Chlorine	mg/L	0.019	>2.5	1-hr Average		2
118	23-May-02	Chlorine	lbs/day	0.032	1.88	1-hr Average	0.12	2
119	24-May-02	Chlorine	mg/L	0.019	>2.5	1-hr Average		2
120	24-May-02	Chlorine	lbs/day	0.032	2.09	1-hr Average	0.12	2
121	24-May-02	Chlorine	mg/L	0.011	>2.5	4-day Average		2
122	24-May-02	Chlorine	lbs/day	0.018	2.45	4-day Average	0.12	2
123	25-May-02	Chlorine	mg/L	0.032	>2.5	1-hr Average		2
124	25-May-02	Chlorine	lbs/day	0.019	2.09	1-hr Average	0.12	2
125	26-May-02	Chlorine	mg/L	0.032	>2.5	1-hr Average		2
126	26-May-02	Chlorine	lbs/day	0.032	2.09	1-hr Average	0.12	2
127	27-May-02	Chlorine	mg/L	0.019	>2.5	1-hr Average		2
128	27-May-02	Chlorine	lbs/day	0.032	1.88	1-hr Average	0.12	2
129	28-May-02	Chlorine	mg/L	0.019	>2.5	1-hr Average		2
130	28-May-02	Chlorine	lbs/day	0.032	2.29	1-hr Average	0.12	2
131	28-May-02	Chlorine	mg/L	0.011	>2.5	4-day Average		2
132	28-May-02	Chlorine	lbs/day	0.018	2.09	4-day Average	0.12	2
133	29-May-02	Chlorine	mg/L	0.032	>2.5	1-hr Average		2
134	29-May-02	Chlorine	lbs/day	0.019	2.5	1-hr Average	0.12	2
135	30-May-02	Chlorine	mg/L	0.032	>2.5	1-hr Average		2
136	30-May-02	Chlorine	lbs/day	0.019	2.5	1-hr Average	0.12	2
137	31-May-02	Chlorine	mg/L	0.032	>2.5	1-hr Average		2
138	31-May-02	Chlorine	lbs/day	0.032	2.29	1-hr Average	0.12	2
139	1-Jun-02	Chlorine	mg/L	0.019	>2.5	1-hr Average		2
140	1-Jun-02	Chlorine	lbs/day	0.032	0.188	1-hr Average	0.12	2
141	2-Jun-02	Chlorine	mg/L	0.019	>2.5	1-hr Average		2
142	2-Jun-02	Chlorine	lbs/day	0.032	2.09	1-hr Average	0.12	2
143	3-Jun-02	Chlorine	mg/L	0.019	>2.5	1-hr Average		2
144	3-Jun-02	Chlorine	mg/L	0.032	2.09	1-hr Average		2
145	4-Jun-02	Chlorine	lbs/day	0.019	>2.5	1-hr Average	0.12	2
146	4-Jun-02	Chlorine	mg/L	0.032	1.88	1-hr Average		2
147	4-Jun-02	Chlorine	lbs/day	0.011	>2.5	4-day Average	0.12	2
148	4-Jun-02	Chlorine	mg/L	0.018	1.56	4-day Average		2
149	5-Jun-02	Chlorine	lbs/day	0.019	>2.5	1-hr Average	0.12	2
150	5-Jun-02	Chlorine	mg/L	0.032	2.09	1-hr Average		2
151	6-Jun-02	Chlorine	lbs/day	0.019	>2.5	1-hr Average	0.12	2
152	6-Jun-02	Chlorine	mg/L	0.032	1.88	1-hr Average		2
153	7-Jun-02	Chlorine	lbs/day	0.019	>2.5	1-hr Average	0.12	2
154	7-Jun-02	Chlorine	mg/L	0.032	1.88	1-hr Average		2

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	<u>Date</u>	<u>Violation Type</u>	<u>Units</u>	<u>Limit</u>	<u>Measured</u>	<u>Period Type</u>	<u>*Flow Rate</u>	<u>Remarks</u>
155	8-Jun-02	Chlorine	lbs/day	0.019	>2.5	1-hr Average	0.12	2
156	8-Jun-02	Chlorine	mg/L	0.032	1.04	1-hr Average		2
157	8-Jun-02	Chlorine	lbs/day	0.011	>2.5	4-day Average	0.12	2
158	8-Jun-02	Chlorine	mg/L	0.018	1.72	4-day Average		2
159	9-Jun-02	Chlorine	lbs/day	0.019	>2.5	1-hr Average	0.11	2
160	9-Jun-02	Chlorine	mg/L	0.032	0.835	1-hr Average		2
161	10-Jun-02	Chlorine	lbs/day	0.019	>2.5	1-hr Average	0.11	2
162	10-Jun-02	Chlorine	mg/L	0.032	1.46	1-hr Average		2
163	11-Jun-02	Chlorine	lbs/day	0.019	>2.5	1-hr Average	0.11	2
164	11-Jun-02	Chlorine	mg/L	0.032	2.09	1-hr Average		2
165	12-Jun-02	Chlorine	lbs/day	0.019	>2.5	1-hr Average	0.11	2
166	12-Jun-02	Chlorine	mg/L	0.032	2.5	1-hr Average		2
167	12-Jun-02	Chlorine	lbs/day	0.011	>2.5	4-day Average	0.11	2
168	12-Jun-02	Chlorine	mg/L	0.018	1.72	4-day Average		2
169	13-Jun-02	Chlorine	lbs/day	0.019	>2.5	1-hr Average	0.11	2
170	13-Jun-02	Chlorine	mg/L	0.032	2.09	1-hr Average		2
171	14-Jun-02	Chlorine	lbs/day	0.019	>2.5	1-hr Average	0.11	2
172	14-Jun-02	Chlorine	mg/L	0.032	2.09	1-hr Average		2
173	15-Jun-02	Chlorine	lbs/day	0.019	>2.5	1-hr Average	0.11	2
174	15-Jun-02	Chlorine	mg/L	0.032	2.09	1-hr Average		2
175	16-Jun-02	Chlorine	lbs/day	0.019	>2.5	1-hr Average	0.11	2
176	16-Jun-02	Chlorine	mg/L	0.032	2.09	1-hr Average		2
177	16-Jun-02	Chlorine	lbs/day	0.011	>2.5	4-day Average	0.11	2
178	16-Jun-02	Chlorine	mg/L	0.018	2.09	4-day Average		2
179	17-Jun-02	Chlorine	lbs/day	0.019	>2.5	1-hr Average	0.1	2
180	17-Jun-02	Chlorine	mg/L	0.032	2.09	1-hr Average		2
181	18-Jun-02	Chlorine	lbs/day	0.019	>2.5	1-hr Average	0.1	2
182	18-Jun-02	Chlorine	mg/L	0.032	2.09	1-hr Average		2
183	19-Jun-02	Chlorine	mg/L	0.019	>2.5	1-hr Average		2
184	19-Jun-02	Chlorine	lbs/day	0.032	1.67	1-hr Average	0.1	2
185	20-Jun-02	Chlorine	mg/L	0.019	>2.5	1-hr Average		2
186	20-Jun-02	Chlorine	lbs/day	0.032	2.09	1-hr Average	0.1	2
187	20-Jun-02	Chlorine	mg/L	0.011	>2.5	4-day Average		2
188	20-Jun-02	Chlorine	lbs/day	0.018	1.98	4-day Average	0.1	2
189	30-Jul-02	Coliform	MPN/100 mL	23	27	Monthly Median		4
190	30-Jul-02	TSS	mg/L	160	163	Monthly		4
191	31-Aug-02	TSS	mg/L	160	184	Monthly		4
192	24-Sep-02	pH	pH unit	8.5	8.6	Daily		4
193	27-Nov-02	Coliform	MPN/100 mL	500	1600	Daily		4

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194	21-Mar-03	Coliform	MPN/100 mL	500	900	Daily		3
195	25-Mar-03	Coliform	MPN/100 mL	500	900	Daily		3
196	31-Mar-03	Coliform	MPN/100 mL	23	70	Monthly Median		4
197	17-Jul-03	Coliform	MPN/100 mL	500	1600	Daily		4
198	31-Aug-03	TSS	mg/L	160	195	Monthly		1
199	8-Mar-05	Coliform	MPN/100 mL	500	900	Daily		3
200	21-Apr-05	Sett Slts	mL/L	0.2	1.5	Daily		1
201	30-Apr-05	Sett Slts	mL/L	0.1	0.41	Monthly		1
202	14-Jun-06	Coliform	MPN/100 mL	500	900	Daily		3
203	2-Feb-07	BOD	lbs/day	33	38	Daily	0.15	3
204	2-Feb-07	BOD	lbs/day	25	38	Weekly	0.15	1
205	2-Feb-07	BOD	mg/L	20	48	Daily		1
206	2-Feb-07	BOD	mg/L	15	48	Weekly		1
207	2-Feb-07	TSS	lbs/day	33	79	Daily	0.15	1
208	2-Feb-07	TSS	lbs/day	25	79	Weekly	0.15	1
209	2-Feb-07	TSS	mg/L	20	100	Daily		1
210	2-Feb-07	TSS	mg/L	15	100	Weekly		1
211	2-Feb-07	Turbidity	NTU	2	71	Daily		1
212	2-Feb-07	Turbidity	NTU	5	71	Instant Max		1
213	2-Feb-07	Turbidity	NTU	10	71	Maximum		1
214	9-Feb-07	BOD	lbs/day	33	39	Daily	0.1	4
215	9-Feb-07	BOD	lbs/day	25	39	Weekly	0.1	1
216	9-Feb-07	BOD	mg/L	20	24	Daily		4
217	9-Feb-07	BOD	mg/L	15	24	Weekly		1
218	9-Feb-07	TSS	lbs/day	33	76	Daily	0.1	1
219	9-Feb-07	TSS	lbs/day	25	76	Weekly	0.1	1
220	9-Feb-07	TSS	mg/L	20	47	Daily		1
221	9-Feb-07	TSS	mg/L	15	47	Weekly		1
222	9-Feb-07	Turbidity	NTU	2	26	Daily		1
223	9-Feb-07	Turbidity	NTU	5	26	Instant Max		1
224	9-Feb-07	Turbidity	NTU	10	26	Maximum		1
225	16-Feb-07	BOD	lbs/day	33	49	Daily	0.2	1
226	16-Feb-07	BOD	lbs/day	25	49	Weekly	0.2	1
227	16-Feb-07	BOD	mg/L	20	41	Daily		1
228	16-Feb-07	BOD	mg/L	15	41	Weekly		1
229	16-Feb-07	TSS	lbs/day	33	62	Daily	0.2	1
230	16-Feb-07	TSS	lbs/day	25	62	Weekly	0.2	1
231	16-Feb-07	TSS	mg/L	20	52	Daily		1
232	16-Feb-07	TSS	mg/L	15	52	Weekly		1

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233	16-Feb-07	Turbidity	NTU	2	36	Daily		1
234	16-Feb-07	Turbidity	NTU	5	36	Instant Max		1
235	16-Feb-07	Turbidity	NTU	10	36	Maximum		1
236	23-Feb-07	TSS	lbs/day	33	55	Daily	0.13	1
237	23-Feb-07	TSS	lbs/day	25	55	Weekly	0.13	1
238	23-Feb-07	TSS	mg/L	20	53	Daily		1
239	23-Feb-07	TSS	mg/L	15	53	Weekly		1
240	23-Feb-07	Turbidity	NTU	2	38	Daily		1
241	23-Feb-07	Turbidity	NTU	5	38	Instant Max		1
242	23-Feb-07	Turbidity	NTU	10	38	Maximum		1
243	28-Feb-07	BOD	lbs/day	17	35	Monthly	0.13	1
244	28-Feb-07	BOD	mg/L	10	38	Monthly		1
245	28-Feb-07	TSS	lbs/day	17	68	Monthly	0.13	1
246	28-Feb-07	TSS	mg/L	10	66	Monthly		1
247	2-Mar-07	Turbidity	NTU	2	13	Daily Ave		1
248	2-Mar-07	Turbidity	NTU	5	13	Max		1
249	5-Mar-07	Turbidity	NTU	2	25	Daily Ave		1
250	5-Mar-07	Turbidity	NTU	5	25	Max		1
251	6-Mar-07	Turbidity	NTU	2	71	Daily Ave		1
252	6-Mar-07	Turbidity	NTU	5	71	Max		1
253	9-Mar-07	pH	pH unit	8.5	9	Max		4
254	9-Mar-07	TSS	lbs/day	33	34	Daily	0.12	4
255	9-Mar-07	TSS	mg/L	20	37	Daily		1
256	9-Mar-07	Turbidity	NTU	2	29	Daily Ave		1
257	9-Mar-07	Turbidity	NTU	5	29	Max		1
258	10-Mar-07	Turbidity	NTU	2	39	Daily Ave		1
259	10-Mar-07	Turbidity	NTU	5	39	Max		1
260	11-Mar-07	Turbidity	NTU	2	20	Daily Ave		1
261	11-Mar-07	Turbidity	NTU	5	20	Max		1
262	14-Mar-07	BOD	mg/L	15	22	Weekly		1
263	14-Mar-07	Coliform	MPN/100 mL	2.2	16	7-day Median		4
264	14-Mar-07	Coliform	MPN/100 mL	23	30	Max		4
265	14-Mar-07	TSS	lbs/day	25	34	Weekly	0.11	4
266	14-Mar-07	TSS	mg/L	15	37	Weekly		1
267	14-Mar-07	Turbidity	NTU	2	17	Daily Ave		1
268	14-Mar-07	Turbidity	NTU	5	17	Max		1
269	16-Mar-07	Coliform	MPN/100 mL	2.2	30	7-day Median		4
270	16-Mar-07	Coliform	MPN/100 mL	23	30	Max		4
271	16-Mar-07	Turbidity	NTU	2	36	Daily Ave		1

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272	16-Mar-07	Turbidity	NTU	5	36	Max		1
273	17-Mar-07	Turbidity	NTU	2	27	Daily Ave		1
274	17-Mar-07	Turbidity	NTU	5	27	Max		1
275	21-Mar-07	BOD	mg/L	15	18	Weekly		4
276	21-Mar-07	TSS	lbs/day	25	27	Weekly	0.09	4
277	21-Mar-07	TSS	mg/L	20	27	Daily		4
278	21-Mar-07	Turbidity	NTU	2	24	Daily Ave		1
279	21-Mar-07	Turbidity	NTU	5	24	Max		1
280	23-Mar-07	BOD	mg/L	20	34	Daily		1
281	23-Mar-07	TSS	mg/L	20	31	Daily		1
282	24-Mar-07	TSS	mg/L	15	29	Weekly		1
283	24-Mar-07	Turbidity	NTU	2	26	Daily Ave		1
284	24-Mar-07	Turbidity	NTU	5	26	Max		1
285	25-Mar-07	Turbidity	NTU	2	45	Daily Ave		1
286	25-Mar-07	Turbidity	NTU	5	45	Max		1
287	27-Mar-07	Turbidity	NTU	2	44	Daily Ave		1
288	27-Mar-07	Turbidity	NTU	5	44	Max		1
289	28-Mar-07	BOD	mg/L	15	34	Weekly		1
290	28-Mar-07	TSS	lbs/day	25	31	Weekly	0.09	4
291	30-Mar-07	BOD	mg/L	20	34	Daily		1
292	30-Mar-07	BOD	mg/L	15	34	Weekly		1
293	30-Mar-07	TSS	lbs/day	33	67	Daily	0.09	1
294	30-Mar-07	TSS	lbs/day	25	67	Weekly	0.09	1
295	30-Mar-07	TSS	mg/L	20	89	Daily		1
296	31-Mar-07	BOD	lbs/day	17	21	Monthly	0.1	4
297	31-Mar-07	BOD	mg/L	10	24	Monthly		1
298	31-Mar-07	TSS	lbs/day	17	33	Monthly	0.1	1
299	31-Mar-07	TSS	mg/L	10	39	Monthly		1
300	31-Mar-07	TSS	mg/L	15	89	Weekly		1
301	2-Apr-07	BOD	mg/L	20	38	Daily		1
302	2-Apr-07	TSS	lbs/day	33	56	Daily	0.1	1
303	2-Apr-07	TSS	mg/L	20	71	Daily		1
304	6-Apr-07	pH	pH unit	8.5	9	Max		4
305	7-Apr-07	BOD	lbs/day	25	30	Weekly	0.1	4
306	7-Apr-07	BOD	mg/L	15	38	Weekly		1
307	7-Apr-07	TSS	lbs/day	25	56	Weekly	0.09	1
308	7-Apr-07	TSS	mg/L	15	71	Weekly		1
309	7-Apr-07	Turbidity	NTU	2	33	Daily Ave		1
310	7-Apr-07	Turbidity	NTU	5	33	Max		1

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	<u>Date</u>	<u>Violation Type</u>	<u>Units</u>	<u>Limit</u>	<u>Measured</u>	<u>Period Type</u>	<u>*Flow Rate</u>	<u>Remarks</u>
311	11-Apr-07	Coliform	MPN/100 mL	2.2	1600	7-day Median		4
312	11-Apr-07	Coliform	MPN/100 mL	23	1600	Max		4
313	13-Apr-07	pH	pH unit	8.5	9	Max		4
314	13-Apr-07	TSS	lbs/day	33	75	Daily	0.08	1
315	13-Apr-07	TSS	mg/L	20	116	Daily		1
316	14-Apr-07	TSS	lbs/day	25	75	Weekly	0.09	1
317	14-Apr-07	TSS	mg/L	15	116	Weekly		1
318	14-Apr-07	Turbidity	NTU	2	55	Daily Ave		1
319	14-Apr-07	Turbidity	NTU	5	55	Max		1
320	17-Apr-07	Chlorine	mg/L	0.019	2.5	1-hr Average	0.1	2
321	18-Apr-07	pH	pH unit	8.5	10	Max		4
322	20-Apr-07	pH	pH unit	8.5	9	Max		4
323	20-Apr-07	TSS	lbs/day	33	69	Daily	0.07	1
324	20-Apr-07	TSS	mg/L	20	118	Daily		1
325	21-Apr-07	TSS	lbs/day	25	69	Weekly	0.08	1
326	21-Apr-07	TSS	mg/L	15	118	Weekly		1
327	21-Apr-07	Turbidity	NTU	2	64	Daily Ave		1
328	21-Apr-07	Turbidity	NTU	5	64	Max		1
329	25-Apr-07	pH	pH unit	8.5	9	Max		4
330	25-Apr-07	pH	pH unit	8.5	9	Max		4
331	27-Apr-07	BOD	mg/L	20	36	Daily		1
332	27-Apr-07	TSS	lbs/day	33	53	Daily	0.07	1
333	27-Apr-07	TSS	mg/L	20	92	Daily		1
334	28-Apr-07	BOD	mg/L	15	36	Weekly		1
335	28-Apr-07	TSS	lbs/day	25	53	Weekly	0.09	1
336	28-Apr-07	TSS	mg/L	15	92	Weekly		1
337	28-Apr-07	Turbidity	NTU	2	39	Daily Ave		1
338	28-Apr-07	Turbidity	NTU	5	39	Max		1
339	30-Apr-07	BOD	lbs/day	17	25	Monthly	0.09	1
340	30-Apr-07	BOD	mg/L	10	37	Monthly		1
341	30-Apr-07	TSS	lbs/day	17	63	Monthly	0.09	1
342	30-Apr-07	TSS	mg/L	10	99	Monthly		1
343	4-May-07	BOD	lbs/day	33	64	Daily	0.15	1
344	4-May-07	BOD	mg/L	20	52	Daily		1
345	4-May-07	Coliform	MPN/100 mL	2.2	11	7-day Median		4
346	4-May-07	TSS	lbs/day	33	125	Daily	0.15	1
347	4-May-07	TSS	mg/L	20	102	Daily		1
348	7-May-07	BOD	lbs/day	25	64	Weekly	0.1	1
349	7-May-07	BOD	mg/L	15	52	Weekly		1

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 MANDATORY PENALTY  
 MAXWELL PUBLIC UTILITY DISTRICT WASTEWATER TREATMENT PLANT  
 COLUSA COUNTY

	<u>Date</u>	<u>Violation Type</u>	<u>Units</u>	<u>Limit</u>	<u>Measured</u>	<u>Period Type</u>	<u>*Flow Rate</u>	<u>Remarks</u>
350	7-May-07	TSS	lbs/day	25	125	Weekly	0.1	1
351	7-May-07	TSS	mg/L	15	102	Weekly		1
352	11-May-07	BOD	mg/L	20	26	Daily		4
353	11-May-07	Coliform	MPN/100 mL	2.2	30	7-day Median		4
354	11-May-07	Coliform	MPN/100 mL	23	30	Max		4
355	11-May-07	pH	pH unit	8.5	9	Max		4
356	11-May-07	TSS	mg/L	20	38	Daily		1
357	14-May-07	BOD	mg/L	15	26	Weekly		1
358	14-May-07	TSS	mg/L	15	38	Weekly		1
359	16-May-07	pH	pH unit	8.5	9	Max		4
360	18-May-07	Ammonia	mg/L	0.337	0.67	1-Hour Average		1
361	18-May-07	Ammonia	mg/L	0.269	0.67	4-Day Average		1
362	18-May-07	BOD	mg/L	20	21	Daily		4
363	18-May-07	pH	pH unit	8.5	10	Max		4
364	18-May-07	TSS	mg/L	20	31	Daily		1
365	21-May-07	BOD	mg/L	15	21	Weekly		1
366	21-May-07	TSS	mg/L	15	31	Weekly		1
367	23-May-07	Coliform	MPN/100 mL	2.2	801	7-day Median		4
368	23-May-07	Coliform	MPN/100 mL	23	1600	Max		4
369	25-May-07	Ammonia	mg/L	0.337	0.41	1-Hour Average		4
370	25-May-07	Ammonia	mg/L	0.269	0.41	4-Day Average		1
371	25-May-07	Coliform	MPN/100 mL	2.2	801	7-day Median		4
372	25-May-07	TSS	lbs/day	33	67	Daily	0.09	1
373	25-May-07	TSS	mg/L	20	88	Daily		1
374	28-May-07	BOD	mg/L	15	18	Weekly		4
375	28-May-07	TSS	lbs/day	25	67	Weekly	0.08	1
376	28-May-07	TSS	mg/L	15	88	Weekly		1
377	30-May-07	pH	pH unit	8.5	10	Max		4
378	31-May-07	BOD	lbs/day	17	27	Monthly	0.09	1
379	31-May-07	BOD	mg/L	10	29	Monthly		1
380	31-May-07	TSS	lbs/day	17	59	Monthly	0.09	1
381	31-May-07	TSS	mg/L	10	65	Monthly		1
382	1-Jun-07	BOD	mg/L	20	24	Daily		4
383	1-Jun-07	pH	pH unit	8.5	9	Max		4
384	1-Jun-07	TSS	mg/L	20	48	Daily		1
385	1-Jun-07	Turbidity	NTU	2	45	Daily Ave		1
386	1-Jun-07	Turbidity	NTU	5	45	Max		1
387	6-Jun-07	Coliform	MPN/100 mL	2.2	3	7-day Median		4
388	7-Jun-07	BOD	mg/L	15	24	Weekly		1

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	<u>Date</u>	<u>Violation Type</u>	<u>Units</u>	<u>Limit</u>	<u>Measured</u>	<u>Period Type</u>	<u>*Flow Rate</u>	<u>Remarks</u>
389	7-Jun-07	TSS	mg/L	15	48	Weekly		1
390	8-Jun-07	BOD	mg/L	20	27	Daily		4
391	8-Jun-07	Coliform	MPN/100 mL	2.2	5.5	7-day Median		4
392	8-Jun-07	pH	pH unit	8.5	9	Max		4
393	8-Jun-07	TSS	lbs/day	33	43	Daily	0.08	4
394	8-Jun-07	TSS	mg/L	20	65	Daily		1
395	8-Jun-07	Turbidity	NTU	2	62	Daily Ave		1
396	8-Jun-07	Turbidity	NTU	5	62	Max		1
397	13-Jun-07	Coliform	MPN/100 mL	2.2	4.5	7-day Median		4
398	14-Jun-07	BOD	mg/L	15	27	Weekly		1
399	14-Jun-07	TSS	lbs/day	25	43	Weekly	0.08	1
400	14-Jun-07	TSS	mg/L	15	65	Weekly		1
401	15-Jun-07	Ammonia	mg/L	0.704	0.77	4-Day Average		4
402	15-Jun-07	BOD	mg/L	20	29	Daily		1
403	15-Jun-07	Coliform	MPN/100 mL	2.2	3	7-day Median		4
404	15-Jun-07	pH	pH unit	8.5	9	Max		4
405	15-Jun-07	TSS	lbs/day	33	37	Daily	0.07	4
406	15-Jun-07	TSS	mg/L	20	64	Daily		1
407	15-Jun-07	Turbidity	NTU	2	38	Daily Ave		1
408	15-Jun-07	Turbidity	NTU	5	38	Max		1
409	21-Jun-07	BOD	lbs/day	15	17	Weekly	0.07	4
410	21-Jun-07	BOD	mg/L	15	29	Weekly		1
411	21-Jun-07	Coliform	MPN/100 mL	2.2	7.5	7-day Median		4
412	21-Jun-07	TSS	lbs/day	25	37	Weekly	0.07	1
413	21-Jun-07	TSS	mg/L	15	64	Weekly		1
414	22-Jun-07	Ammonia	mg/L	0.58	0.7	4-Day Average		4
415	22-Jun-07	pH	pH unit	8.5	9	Max		4
416	29-Jun-07	Ammonia	mg/L	0.66	1.96	4-Day Average		1
417	29-Jun-07	Ammonia	mg/L	0.885	1.96	1-Hour Average		1
418	29-Jun-07	pH	pH unit	8.5	9	Instantaneous		4
419	30-Jun-07	Ammonia	mg/L	0.281	0.888	Monthly		1
420	6-Jul-07	pH	pH unit	8.5	9	Instantaneous		4
421	13-Jul-07	Ammonia	mg/L	0.337	1.04	1-Hour Average		1
422	13-Jul-07	Ammonia	mg/L	0.269	1.04	4-Day Average		4
423	13-Jul-07	pH	pH unit	8.5	10	Instantaneous		4
424	20-Jul-07	Ammonia	mg/L	0.885	1.05	1-Hour Average		1
425	20-Jul-07	Ammonia	mg/L	0.801	1.05	4-Day Average		1
426	20-Jul-07	pH	pH unit	8.5	9	Instantaneous		4
427	27-Jul-07	Ammonia	mg/L	0.885	0.94	1-Hour Average		1

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	<u>Date</u>	<u>Violation Type</u>	<u>Units</u>	<u>Limit</u>	<u>Measured</u>	<u>Period Type</u>	<u>*Flow Rate</u>	<u>Remarks</u>
428	27-Jul-07	Ammonia	mg/L	0.751	0.94	4-Day Average		1
429	27-Jul-07	pH	pH unit	8.5	9	Instantaneous		4
430	31-Jul-07	Ammonia	mg/L	0.245	0.782	Monthly		4
431	3-Aug-07	Ammonia	mg/L	0.885	1.02	1-Hour Average		1
432	3-Aug-07	Ammonia	mg/L	0.51	1.02	4-Day Average		4
433	3-Aug-07	pH	pH unit	8.5	9	Instantaneous		4
434	10-Aug-07	Ammonia	mg/L	0.66	0.89	4-Day Average		1
435	10-Aug-07	pH	pH unit	8.5	9	Instantaneous		4
436	17-Aug-07	Ammonia	mg/L	0.337	0.73	1-Hour Average		1
437	17-Aug-07	Ammonia	mg/L	0.269	0.73	4-Day Average		1
438	17-Aug-07	pH	pH unit	8.5	10	Instantaneous		4
439	24-Aug-07	Ammonia	mg/L	0.337	1.1	1-Hour Average		1
440	24-Aug-07	Ammonia	mg/L	0.236	1.1	4-Day Average		4
441	24-Aug-07	pH	pH unit	8.5	10	Instantaneous		4
442	31-Aug-07	Ammonia	mg/L	0.885	1.11	1-Hour Average		1
443	31-Aug-07	Ammonia	mg/L	0.51	1.11	4-Day Average		1
444	31-Aug-07	Ammonia	mg/L	0.177	0.374	Monthly		4
445	31-Aug-07	pH	pH unit	8.5	9	Instantaneous		4
446	7-Sep-07	Ammonia	mg/L	0.885	1.02	1-Hour Average		1
447	7-Sep-07	Ammonia	mg/L	0.66	1.02	4-Day Average		4
448	7-Sep-07	pH	pH unit	8.5	9	Instantaneous		4
449	14-Sep-07	Ammonia	mg/L	0.885	1.18	1-Hour Average		1
450	14-Sep-07	Ammonia	mg/L	0.58	1.18	4-Day Average		4
451	14-Sep-07	pH	pH unit	8.5	9	Instantaneous		4
452	21-Sep-07	Ammonia	mg/L	0.885	1.03	1-Hour Average		1
453	21-Sep-07	Ammonia	mg/L	0.58	1.03	4-Day Average		1
454	21-Sep-07	pH	pH unit	8.5	9	Instantaneous		4
455	28-Sep-07	Ammonia	mg/L	0.885	2.66	1-Hour Average		1
456	28-Sep-07	Ammonia	mg/L	0.66	2.66	4-Day Average		1
457	28-Sep-07	pH	pH unit	8.5	9	Instantaneous		4
458	30-Sep-07	Ammonia	mg/L	0.247	1.47	Monthly		1
459	30-Sep-07	TSS	mg/L	160	168	Monthly		4
460	5-Oct-07	Ammonia	mg/L	0.66	0.67	4-Day Average		1
461	5-Oct-07	pH	pH unit	8.5	9	Instantaneous		4
462	12-Oct-07	Ammonia	mg/L	0.885	1.79	1-Hour Average		1
463	12-Oct-07	Ammonia	mg/L	0.58	1.79	4-Day Average		1
464	12-Oct-07	pH	pH unit	8.5	9	Instantaneous		4
465	19-Oct-07	Ammonia	mg/L	0.885	2.69	1-Hour Average		1
466	19-Oct-07	Ammonia	mg/L	0.66	2.69	4-Day Average		1

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	<u>Date</u>	<u>Violation Type</u>	<u>Units</u>	<u>Limit</u>	<u>Measured</u>	<u>Period Type</u>	<u>*Flow Rate</u>	<u>Remarks</u>
467	19-Oct-07	pH	pH unit	8.5	9	Instantaneous		4
468	26-Oct-07	Ammonia	mg/L	0.885	1.91	1-Hour Average		1
469	26-Oct-07	Ammonia	mg/L	0.66	1.91	4-Day Average		1
470	26-Oct-07	pH	pH unit	8.5	9	Instantaneous		4
471	31-Oct-07	Ammonia	mg/L	0.24	1.77	Monthly		1
472	2-Nov-07	Ammonia	mg/L	0.885	2.38	1-Hour Average		1
473	2-Nov-07	Ammonia	mg/L	0.66	2.38	4-Day Average		1
474	2-Nov-07	pH	pH unit	8.5	9	Instantaneous		4
475	9-Nov-07	Ammonia	mg/L	0.337	2.97	1-Hour Average		1
476	9-Nov-07	Ammonia	mg/L	0.495	2.97	4-Day Average		1
477	9-Nov-07	pH	pH unit	8.5	10	Instantaneous		4
478	16-Nov-07	Ammonia	mg/L	0.337	4.01	1-Hour Average		1
479	16-Nov-07	Ammonia	mg/L	0.495	4.01	4-Day Average		1
480	16-Nov-07	pH	pH unit	8.5	10	Instantaneous		4
481	21-Nov-07	Ammonia	mg/L	0.337	5.63	1-Hour Average		1
482	21-Nov-07	Ammonia	mg/L	0.495	5.63	4-Day Average		1
483	21-Nov-07	pH	pH unit	8.5	10	Instantaneous		4
484	29-Nov-07	Ammonia	mg/L	0.337	5.38	1-Hour Average		1
485	29-Nov-07	Ammonia	mg/L	0.495	5.38	4-Day Average		1
486	29-Nov-07	pH	pH unit	8.5	10	Instantaneous		4
487	30-Nov-07	Ammonia	mg/L	0.248	1.77	Monthly		1
488	7-Dec-07	Ammonia	mg/L	5.62	8.32	1-Hour Average		1
489	7-Dec-07	Ammonia	mg/L	0.337	8.32	4-Day Average		1
490	14-Dec-07	Ammonia	mg/L	0.337	9.66	1-Hour Average		1
491	14-Dec-07	Ammonia	mg/L	6.08	9.66	4-Day Average		1
492	14-Dec-07	pH	pH unit	8.5	10	Instantaneous		4
493	21-Dec-07	Ammonia	mg/L	0.337	9.8	1-Hour Average		1
494	21-Dec-07	Ammonia	mg/L	0.495	9.8	4-Day Average		1
495	21-Dec-07	pH	pH unit	8.5	10	Instantaneous		4
496	28-Dec-07	Ammonia	mg/L	0.337	6.78	1-Hour Average		1
497	28-Dec-07	Ammonia	mg/L	0.495	6.78	4-Day Average		1
498	28-Dec-07	pH	pH unit	8.5	10	Instantaneous		4
499	31-Dec-07	Ammonia	mg/L	0.92	8.64	Monthly		1
500	2-Jan-08	pH	pH unit	8.5	10	Instantaneous		4
501	9-Jan-08	Coliform	MPN/100 mL	500	1600	Daily Max.		4
502	11-Jan-08	Ammonia	mg/L	0.337	9.85	1-Hour Average		1
503	11-Jan-08	Ammonia	mg/L	0.495	9.85	4-Day Average		1
504	11-Jan-08	Coliform	MPN/100 mL	500	1600	Daily Max.		4
505	11-Jan-08	pH	pH unit	8.5	10	Instantaneous		4

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	<u>Date</u>	<u>Violation Type</u>	<u>Units</u>	<u>Limit</u>	<u>Measured</u>	<u>Period Type</u>	<u>*Flow Rate</u>	<u>Remarks</u>
506	18-Jan-08	Ammonia	mg/L	0.337	5.79	1-Hour Average		1
507	18-Jan-08	Ammonia	mg/L	0.495	5.79	4-Day Average		1
508	18-Jan-08	pH	pH unit	8.5	10	Instantaneous		4
509	25-Jan-08	Ammonia	mg/L	0.337	3.89	1-Hour Average		1
510	25-Jan-08	Ammonia	mg/L	0.495	3.89	4-Day Average		1
511	25-Jan-08	Coliform	MPN/100 mL	500	1600	Daily Max.		4
512	25-Jan-08	pH	pH unit	8.5	10	Instantaneous		4
513	31-Jan-08	Ammonia	mg/L	0.198	6.51	Monthly		1
514	31-Jan-08	Coliform	MPN/100 mL	23	400	30-day Median		4
515	1-Feb-08	Ammonia	mg/L	0.337	4.35	1-Hour Average		1
516	1-Feb-08	Ammonia	mg/L	0.495	4.35	4-Day Average		1
517	1-Feb-08	pH	pH unit	8.5	10	Instantaneous		4
518	8-Feb-08	Ammonia	mg/L	0.337	2.94	1-Hour Average		1
519	8-Feb-08	Ammonia	mg/L	0.495	2.94	4-Day Average		1
520	8-Feb-08	pH	pH unit	8.5	10	Instantaneous		4
521	13-Feb-08	Coliform	MPN/100 mL	500	1600	Daily Max.		4
522	15-Feb-08	Ammonia	mg/L	0.337	1.77	1-Hour Average		1
523	15-Feb-08	Ammonia	mg/L	0.495	1.77	4-Day Average		1
524	15-Feb-08	pH	pH unit	8.5	10	Instantaneous		4
525	22-Feb-08	Ammonia	mg/L	0.337	2.22	1-Hour Average		1
526	22-Feb-08	Ammonia	mg/L	0.495	2.22	4-Day Average		1
527	22-Feb-08	pH	pH unit	8.5	10	Instantaneous		4
528	29-Feb-08	Ammonia	mg/L	0.337	2.11	1-Hour Average		1
529	29-Feb-08	Ammonia	mg/L	0.495	2.11	4-Day Average		1
530	29-Feb-08	Ammonia	mg/L	0.198	2.68	Monthly		1
531	29-Feb-08	Coliform	MPN/100 mL	23	130	30-day Median		4
532	29-Feb-08	pH	pH unit	8.5	10	Instantaneous		4
533	7-Mar-08	Ammonia	mg/L	0.337	0.35	1-Hour Average		4
534	7-Mar-08	pH	pH unit	8.5	10	Instantaneous		4
535	12-Mar-08	Coliform	MPN/100 mL	500	1600	Daily Max.		4
536	14-Mar-08	Ammonia	mg/L	0.337	3.65	1-Hour Average		1
537	14-Mar-08	Ammonia	mg/L	0.495	3.65	4-Day Average		1
538	14-Mar-08	pH	pH unit	8.5	10	Instantaneous		4
539	17-Mar-08	Ammonia	mg/L	0.337	5.14	1-Hour Average		1
540	17-Mar-08	Ammonia	mg/L	0.495	4.4	4-Day Average		1
541	17-Mar-08	Coliform	MPN/100 mL	500	1600	Daily Max.		4
542	21-Mar-08	pH	pH unit	8.5	10	Instantaneous		4
543	28-Mar-08	Ammonia	mg/L	0.337	0.39	1-Hour Average		4
544	28-Mar-08	pH	pH unit	8.5	10	Instantaneous		4

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	<u>Date</u>	<u>Violation Type</u>	<u>Units</u>	<u>Limit</u>	<u>Measured</u>	<u>Period Type</u>	<u>*Flow Rate</u>	<u>Remarks</u>
545	31-Mar-08	Ammonia	mg/L	0.198	2.38	Monthly		1
546	31-Mar-08	Coliform	MPN/100 mL	23	235	30-day Median		4
547	4-Apr-08	pH	pH unit	8.5	10	Instantaneous		3
548	11-Apr-08	pH	pH unit	8.5	10	Instantaneous		3
549	18-Apr-08	pH	pH unit	8.5	10	Instantaneous		3
550	25-Apr-08	pH	pH unit	8.5	10	Instantaneous		3
551	30-Apr-08	Coliform	MPN/100 mL	23	50	30-day Median		3

Remarks:

1. Serious Violation: For Group 1 pollutants that exceed the effluent limitation by 40 percent or more.
2. Serious Violation: For Group 2 pollutants that exceed the effluent limitation by 20 percent or more.
3. Non-serious violations falls within the first three violations in a six-month period, thus is exempt.
4. Non-serious violation subject to mandatory penalties

**VIOLATIONS AS OF: 04/30/2008**

Group 1 Serious Violations:	234
Group 2 Serious Violations:	183
Non-serious Violations Exempt from MMPs:	12
Non-serious Violations Subject to MMPs:	122
<b><u>Total Violations Subject to MMPs:</u></b>	<b>539</b>

**Mandatory Minimum Penalty = (417 Serious Violations + 122 Non-Serious Violations) x \$3,000 = \$1,617,000**