

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL VALLEY REGION

ADMINISTRATIVE CIVIL LIABILITY ORDER NO. R5-2006-0003

MANDATORY MINIMUM PENALTY
IN THE MATTER OF
MALAGA COUNTY WATER DISTRICT
WASTEWATER TREATMENT FACILITY
FRESNO COUNTY

This Order for Administrative Civil Liability (hereafter Order) is issued to the Malaga County Water District (MCWD) based on a finding of violations of Waste Discharge Requirements (WDRs) Order No. 99-100 (NPDES Permit No. CA0084239). Imposition of Administrative Civil Liability is authorized pursuant to California Water Code (CWC) Sections 13385(h) and (i).

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

1. On 28 July 1999, the Regional Board adopted WDRs Order No. 99-100 (NPDES Permit No. CA0084239) authorizing MCWD to discharge pollutants from its wastewater treatment facility (WWTF) to Fresno Irrigation District's Central Canal, a water of the United States.
2. WDRs Order No. 99-100 includes the following effluent limitations:

B. General Discharge Specifications:

* * *

2. Effluent shall have a pH between 6.0 and 9.0 pH units.
3. Effluent EC shall not exceed that of the source water plus 500 μ mhos/cm, or 1,000 μ mhos/cm, whichever is less.

C. Discharge 001 (Central Canal) Specifications:

* * *

3. Effluent concentrations shall not exceed the following limits:

<u>Constituent</u>	<u>Units</u>	<u>Monthly Average</u>	<u>Daily Maximum</u>

TSS	mg/L	20	40
Turbidity	NTU	2	5
Total Residual Chlorine	mg/L		0.1

3. CWC Section 13385(a) subjects any person who violates any waste discharge requirements issued pursuant to Chapter 5.5 of the CWC to civil liability.
4. CWC Section 13385(h)(1) requires the Regional Board to assess a mandatory minimum penalty of three thousand dollars (\$3,000) for each serious violation. Section 13385(h)(2) defines a serious violation as "any waste discharge that violates the effluent limitations contained in 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.”

5. CWC Section 13385(i)(1) requires the Regional Board to assess a mandatory minimum penalty of three thousand dollars (\$3,000) for each violation, not counting the first three violations, if a discharger violates a waste discharge requirement effluent limitation four or more times in any period of six consecutive months. Section 13385(i)(2) defines a period of six consecutive months as “the period commencing on the date that one of the violations described in this subdivision occurs and ending 180 days after that date.” Violations of this frequency are termed chronic violations.
6. According to monitoring reports submitted by MCWD, it committed four (4) serious violations between 1 February 2000 and 30 June 2004. Two serious violations involved discharge of total suspended solids (TSS), a Group I waste, in concentrations exceeding the effluent daily maximum limitation. One involved exceeding the monthly average limitation by 40 percent or more. The one remaining serious violation involved discharge of total residual chlorine, a Group II pollutant, at a concentration exceeding the effluent daily maximum limitation by 20 percent or more. A summary of these serious violations is shown in Attachment A, a part of this Order. Pursuant to CWC section 13385(h)(1), the MMPs for these serious violations is twelve thousand dollars (\$12,000).
7. Based upon monitoring reports submitted by MCWD covering the period of 1 February 2000 through 30 June 2004, it also violated the EC effluent maximum limitation 360 times, the daily maximum turbidity limit twice, the monthly average turbidity limit nine times, and the pH limitation once for a total number of chronic violations of 372.

The total number of chronic violations subject to MMPs, pursuant to CWC section 13385, subtracting the seven excluded chronic violations (violation numbers 2,3,6-10), is 365 (Attachment A). A summary of the violations is shown in Attachment A. The mandatory penalty for these chronic violations is one million ninety-five thousand dollars (\$1,095,000).

8. The MMPs from Findings Nos. 6 and 7 total one million one hundred seven thousand dollars (\$1,107,000).
9. CWC Section 13385(k) allows the Regional Board an alternative to assessing all or a portion of the mandatory penalties pursuant to Sections 13385(h)(1) and (i)(1) against publicly owned treatment works (POTW) that serve small communities, as defined by CWC Section 79084(b). All or part of the mandatory penalties may be suspended by requiring such a POTW to spend an

equivalent amount towards completion of a compliance project (CP)¹ proposed by the POTW if the Regional Board finds all of the following:

- a. The CP is designed to correct the violations within five years;
 - b. The CP is in accordance with the State Water Resources Control Board (State Board) *Water Quality Enforcement Policy* (Enforcement Policy or WQEP); and
 - c. The POTW has demonstrated that it has sufficient funding to complete the CP.
10. The WQEP, Section V, subsection D, states that a small community with a financial hardship is a municipality with a Year 2000 population of fewer than 10,000 and a Year 1999 median household income of less than 80 percent of the State's 1999 median household income. The State Board maintains a list of designated small communities with a financial hardship. Small communities not on the list may apply to the State Board to be included on the list.
 11. Regional Board staff forwarded a 2 April 2004 MCWD letter to the State Board for evaluation of MCWD as a small community with financial hardship and on 30 June 2004, the State Board confirmed that MCWD qualified and was so designated. Accordingly, MCWD meets the qualifications for proposing to complete a compliance project in lieu of being assessed all or part of the MMPs pursuant to CWC section 13385(k).
 12. The WQEP, Section X, subsection C, provides the general conditions applicable to all compliance projects. Compliance projects must have clearly defined goals, costs, milestones, and completion dates. If the compliance project is not completed on time and to the satisfaction of the Regional Board or the Executive Officer, the suspended amount becomes due and payable to the *State Water Resources Control Board*. Payment of the suspended amount does not relieve MCWD of the independent obligation to take necessary actions to achieve compliance.
 13. The Executive Officer on 15 April 2005 issued Administrative Civil Liability Complaint No. R5-2005-0510 proposing to assess \$1,107,000 (one million one hundred seven thousand dollars) against the Discharger. The Complaint and a Notice of Public Hearing notified the Discharger and interested agencies and persons that a public hearing would be held on 23 or 24 June 2005 unless the Discharger agreed to waive the hearing and pay in full the \$1,107,000 liability or enter into a stipulated administrative civil liability order to spend at least \$1,107,000 to complete a CP to achieve compliance with Order No. 99-100, or any order that supersedes it.
 14. The Discharger submitted a letter waiving its right to hearing and proposing CPs on 2 April 2005, and it submitted amendments thereto dated 20 May 2005 and 14 July 2005. The CPs are broadly comprised of 2 components: a) construction of a new potable water well to provide lower EC

¹ The statute does not specifically allow nor prohibit crediting a discharger for costs expended toward appropriate compliance projects. In response to violations, MCWD made certain timely improvements to address violations. It is appropriate to allow credit for otherwise acceptable compliance project costs on a retroactive basis where failure to do so would penalize a small community for undertaking prompt compliance projects to address violations.

source water; and b) a series of six additional projects to reduce the EC gain as the water makes its way from the source well, through use, treatment and disposal.

15. As shown in Attachment B, MCWD reports it has spent \$975,835 towards correcting WWTF deficiencies that led to MMP violations. The expenditures include the costs associated with the analysis and determination of sources of EC (Projects 1a and 1b), establishing a pretreatment ordinance (Project 2a and 2b), and the cost of constructing a new potable water well (Project 3).
16. MCWD reports it spent \$102,906 on the analysis and determination of the sources of WWTF effluent EC (Project 1a). This includes \$17,751 for laboratory services and \$85,154 for engineering services to analyze the results of those laboratory services. The analysis has determined that: a) supplying high EC Well 4 water to its customers increases EC in the resulting WWTF effluent; b) supplying high EC water to its customers may cause them to install water softening devices which further increases the EC in the resulting WWTF effluent; and c) implementing a pretreatment program (required by Cease and Desist Order No. 5-01-001 adopted on 26 January 2001) to reduce the EC of industrial discharges to the collection system will result in a decrease of the EC in the resulting WWTF effluent. Project 1b proposes the expenditure of \$10,000 annually to monitor selected industries suspected of discharging or known to discharge high EC waste to MCWD's collection system. This annual pretreatment effort (Project 1b) is also required by the Cease and Desist Order (CDO) and federal pretreatment regulations. It would be inappropriate to credit the Discharger for required pretreatment costs.
17. Project 2a includes expenditures of \$11,910.00 to establish a pretreatment ordinance, with an additional \$5,000 to be spent to complete the ordinance (Project 2b). As the District was required to implement a pretreatment ordinance by October 2001 under the CDO, it would be inappropriate to credit MCWD for the \$11,910 and \$5,000 cost of developing this ordinance four years after being ordered to do so by this Regional Board.
18. MCWD reports it has spent \$872,929 on a water well to replace the high EC Well 4 (Project 3). Of this amount, \$726,929 has been paid to Smith Construction and the balance includes costs of design services, property acquisition and the drilling of a test well. The well was completed on 14 September 2005. MCWD expects this project to reduce EC by 75 µmhos/cm.
19. MCWD proposes to spend \$10,000 to establish a water softener ordinance (Project 4) by June 2008. MCWD expects that this ordinance to limit and control the number and type of residential water softeners will reduce the WWTF effluent EC by 50 µmhos/cm, helping the District achieve compliance with effluent limitations in the WDRs at issue. The source of revenue to pay for the project is MCWD's operating budget.
20. The District proposes to gain a 10 µmhos/cm reduction in EC by exercising tighter control over chlorination and dechlorination processes (Project 5). To do so it proposes to install continuous monitoring devices and automation of chemical dosage systems for chlorination and dechlorination agents. It proposes to complete this \$70,000 project by November 2006. The system will be operational until the chlorination/dechlorination system is replaced by a UV disinfection

system in October 2008. Funding is from the District’s operations budget and a financing agreement with Municipal Finance Corporation.

21. MCWD expects to reduce WWTF effluent EC by 40 µmhos/cm (Project 6) by switching disinfection to a UV system. The EC reduction will be a result of discontinuing the addition of chlorination and dechlorination chemicals. MCWD proposes to secure the required \$330,000 funding through SWRCB grant programs and complete this project by October 2008.
22. MCWD intends to install by December 2006, equipment to continuously monitor EC, turbidity, pH and total residual chlorine (Project 7) at a cost of \$100,000. While this project does not result in a reduction in effluent EC, it is expected to reduce future effluent limit violations by giving MCWD the ability to rapidly react to changes in influent or effluent characteristics or cease effluent discharge by diverting effluent flow to temporary storage before violations can occur. This gives the District the opportunity to perform additional treatment as necessary to ensure that the stored effluent meets all effluent limitations before it is discharged.
23. The Discharger, in 14 July 2005 and 30 September 2005 updates to its 20 May 2005 Compliance Project Report, proposes the following schedule:

Item	Description	Completion Date
1.a	Analysis and determination of EC sources	On going
2	Establish pretreatment ordinance	On going
3	Construct new well	Completed
		14 September 2005
4	Establish water softener ordinance	1 June 2008
5	Automate chemical feed	1 November 2006
6	Construction of UV disinfection	1 October 2008
7	Continuous monitoring of EC, turbidity, pH, Cl ₂	1 December 2006

24. MCWD has not demonstrated that it has sufficient funding to complete CPs 4, 5, 6 and 7 within the timeframe approved by the Board. However, it appears that MCWD has legitimate chances of securing the necessary funding and it is preferable not to postpone adoption of this Order pending the securing of necessary funding. Moreover, in accordance with the WQEP, if the compliance projects are not satisfactorily completed as set forth in the above schedule, the amounts associated with the uncompleted compliance projects will be due and payable as set forth below.
25. The Regional Board considered the Discharger’s stated lack of available funding, the time required to obtain funding, and this Order’s proposed 27 January 2006 adoption date in the completion dates for this Order.
26. Section 13267 of the CWC states, in part, “..., *the Regional Board may require that any person who...discharges...waste...that could affect the quality of waters within its region shall furnish, under penalty of perjury, technical or monitoring program reports which the regional board*

requires. The burden, including costs, of these reports shall bear a reasonable relationship to the need for the report and the benefits to be obtained from the reports. In requiring those reports, the Regional Board shall provide the person with a written explanation with regard to the need for the reports, and shall identify the evidence that supports requiring that person to provide the reports.”

The monitoring and reporting required herein is necessary to provide documentation that MCWD has complied with the schedule and terms set forth herein sufficiently to enable the Regional Board to suspend permanently the amount of MMP not already permanently suspended by this Order and to require timely payment of any unpaid amount that cannot be permanently suspended.

27. The MCWD and interested agencies and persons were notified of the intent to adopt this Order and provided with an opportunity for a public hearing and an opportunity to submit their written views and recommendations.
28. In a public meeting, all comments pertaining to the Order were heard and considered.
29. Issuance of this enforcement action is exempt from the provisions of the California Environmental Quality Act (Public Resource Code Section 21000, et seq.), in accordance with Section 15321(a)(2), Title 14, California Code of Regulations.
30. Any person affected by this action of the Regional Board may petition the State Water Resources Control Board (State Board) to review this action. The petition must be received by the State Board within 30 days of the date on which this Order was adopted by the Regional Board. Copies of the law and regulations applicable to filing petitions are available at www.waterboards.ca.gov/water_laws/index.html and will be provided on request.

IT IS HEREBY ORDERED, pursuant to California Water Code sections 13267, 13385(a), (h)(1), (i)(1), and (k), that:

1. Malaga County Water District (hereafter District), its agents, successors, and assigns, shall be assessed a MMP of **one million and one hundred and seven thousand dollars (\$1,107,000)**.
2. **Nine hundred seventy-five thousand, eight hundred thirty five dollars (\$975,835) of the MMP is permanently suspended as follows:**
 - a. **One hundred and two thousand, nine hundred and six dollars (\$102,906)** shall be credited toward the MMP amount as having been spent by the District to complete compliance Project No.1.a (Finding 16) and correct the WWTF effluent limit violations; and
 - b. **Eight hundred and seventy-two thousand nine hundred and twenty-nine dollars (\$872,929)** shall be credited toward the MMP amount as having been spent by the District in completing the new well (Compliance Project No. 3, Finding 18) designed to correct the WWTF effluent limit violations.
3. Actual costs up to a maximum of **the remaining one hundred thirty-one thousand, one hundred sixty-five dollars (\$131,165)** shall be permanently suspended if the District satisfactorily

completes all or a combination of Compliance Projects 4, 5, 6, and 7 as described above that total or exceed the remaining MMP amount.

4. The District shall submit written progress reports describing the status of each incomplete compliance project by the 15th day of July 2006, January 2007, July 2007, January 2008, and July 2008.
5. Within 15 days of the completion date specified above for each compliance project, the District shall submit a written monitoring report certifying the completion date if complete, and the circumstances if not complete. If certifying completion, the report shall include a listed accounting of actual costs of completing the compliance project for which the District is requesting credit toward the unpaid balance of the mandatory penalty not yet permanently suspended.
6. The Executive Officer is authorized to determine whether a compliance project has been completed in accordance with the compliance schedule, above, and to determine the corresponding amount of actual expenditures that can be permanently suspended. After each submittal pursuant to paragraph 9, above, the Executive Officer shall notify the District of his determination and the remaining MMP balance eligible for permanent suspension. The Executive Officer may, at his discretion and for good cause, grant extensions of up to three months of any of the completion dates specified above. If the District fails to timely complete a combination of approved Compliance Projects that meets or exceeds **one hundred thirty-one thousand one hundred sixty-five dollars (\$131,165)** by **1 October 2008**, the then-remaining MMP balance (amounts not permanently suspended) shall be due within 30 days of written notification from the Executive Officer. The Districts' failure or inability to acquire sufficient funds shall not be an acceptable defense against a demand for payment.

If payment becomes due, it shall be in the form of a check payable to the State Water Resources Control Board and submitted to the Regional Board's main office at 11020 Sun Center Drive, Suite 200, Rancho Cordova, CA 95670, (to the attention of Janice Tanaka). The check shall contain a reference to this Order.

I, KENNETH D. LANDAU, Acting Executive Officer, do hereby certify the foregoing is a full, true, and correct copy of an Order adopted by the Regional Water Quality Control Board, Central Valley Region, 26 January 2006.

KENNETH D. LANDAU, Acting Executive Officer

ITEM:

SUBJECT: Malaga County Water District, Wastewater Treatment Facility,
Fresno County

BOARD ACTION: *Consideration of Administrative Civil Liability Order*

BACKGROUND: The District owns and operates a WWTF that provides sewage service to approximately 1,000 residents and various light industries in the unincorporated community of Malaga. The State Board has designated the District as a small community with a financial hardship. The Executive Officer, on 15 April 2005, issued Complaint No. R5-2005-0510 proposing to assess \$1,107,000 in mandatory minimum penalties (MMP) pursuant to California Water Code (CWC) sections 13385(h) and (i) for 369 serious and chronic (non-serious) violations. The violations involve pH, TSS, turbidity, conductivity (EC), and chlorine residual effluent limitations in Waste Discharge Requirements Order No. 99-100 (NPDES Permit No. CA0084239) that occurred between 1 February 2000 and 30 June 2004.

For a community with a financial hardship, CWC Section 13385(k) allows the Regional Board to suspend all or a portion of the mandatory penalties contingent upon the Discharger spending an equivalent amount towards completion of approved compliance projects (CPs). To be approved, a CP must help control or eliminate future violations. If a CP is not completed on time and to the satisfaction of the Regional Board, the suspended amount becomes due.

The proposed Order would allow compliance projects and would credit the District the \$102,906 it expended to analyze and determine the sources of EC. The proposed Order would also credit the District the \$872,929 it expended on the construction of a low EC water supply well. Only \$131,165 of the MMP would remain. Other proposed CPs include automation of an interim chlorination and dechlorination process, a UV disinfection system, and instrumentation for continuous effluent monitoring with remote alarm systems designed to prevent further violations. Projected costs for these pending CPs total \$500,000. The proposed Order would suspend payment of the remaining \$131,165 and allow the Discharger more time to complete additional CPs. The proposed Order would permanently suspend from the MMP balance the actual cost of any CP satisfactorily completed by the date specified in the proposed Order up to a total of \$131,165. Any amount of the MMP not satisfactorily completed in accordance with this Order by 1 October 2008 would be due and payable within 30 days upon notification from the Executive Officer.

The District reviewed the proposed Order and concurs with it.

ISSUES: None.

Mgmt. Review_____

Legal Review_____

27 October 2005

Central Valley Regional Water Quality Control Board
11020 Sun Center Drive. #200
Rancho Cordova, CA 95670

ATTACHMENT A
TERTIARY EFFLUENT VIOLATIONS
MALAGA COUNTY WATER DISTRICT
WASTEWATER TREATMENT FACILITY
FRESNO COUNTY

Violation Number	Reporting Period	Violation Date	Constituent	Limit Type	Units	Period	Category	Limit	Reported Value	Mandatory Penalty (Chronic)	Mandatory Penalty (Serious)	
1	Feb-00	5	Residual Chlorine	Concentration	µg/L	Daily Maximum	2	100	200	**	\$3,000	
2	Feb-00	10	Turbidity	Concentration	NTU	Daily Maximum	1	5	5.6	E		
3	Feb-00	16	Turbidity	Concentration	NTU	Daily Maximum	1	5	5.4	E		
4	Feb-00	29	Turbidity	Concentration	NTU	Monthly Average	1	2	4.3	\$3,000		
5	Mar-00	31	Turbidity	Concentration	NTU	Monthly Average	1	2	3.3	\$3,000		
6	Dec-00	31	Turbidity	Concentration	NTU	Monthly Average	1	2	2.2	E		
7	Jan-01	31	Turbidity	Concentration	NTU	Monthly Average	1	2	2.23	E		
8	Nov-01	30	Turbidity	Concentration	NTU	Monthly Average	1	2	2.25	E		
-9	Dec-01	1	pH	Concentration	pH units	Daily Maximum		9	9.3	E		
10	Dec-01	6	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1080	E		
11	Dec-01	7	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1120	\$3,000		
12	Dec-01	8	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1143	\$3,000		
13	Dec-01	9	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1192	\$3,000		
14	Dec-01	10	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1270	\$3,000		
15	Dec-01	11	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1070	\$3,000		
16	Dec-01	12	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1208	\$3,000		
17	Dec-01	13	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1030	\$3,000		
18	Dec-01	14	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1108	\$3,000		
19	Dec-01	31	Turbidity	Concentration	NTU	Monthly Average	1	2	2.4	\$3,000		
20	Jan-02	23	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1051	\$3,000		
21	Jan-02	30	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1120	\$3,000		
22	Jan-02	31	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1040	\$3,000		
23	Jan-02	31	Turbidity	Concentration	NTU	Monthly Average	1	2	2.28	\$3,000		
24	Feb-02	9	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1040	\$3,000		
25	Feb-02	11	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1040	\$3,000		
26	Feb-02	11	Suspended Solids	Concentration	mg/L	Daily Maximum	1	40	61			\$3,000

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27	Feb-02	12	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1070	\$3,000	
28	Feb-02	16	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1040	\$3,000	
29	Feb-02	20	Suspended Solids	Concentration	mg/L	Daily Maximum	1	40	57		\$3,000
30	Feb-02	28	Suspended Solids	Concentration	mg/L	Monthly Average	1	20	43		\$3,000
31	Feb-02	28	Turbidity	Concentration	NTU	Monthly Average	1	2	2.7	\$3,000	
32	Mar-02	3	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1050	\$3,000	
33	Mar-02	4	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1040	\$3,000	
34	Mar-02	5	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1070	\$3,000	
35	Mar-02	6	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1060	\$3,000	
36	Mar-02	7	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1030	\$3,000	
37	Mar-02	13	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1090	\$3,000	
38	Mar-02	14	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1180	\$3,000	
39	Mar-02	15	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1190	\$3,000	
40	Mar-02	16	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1180	\$3,000	
41	Mar-02	17	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1180	\$3,000	
42	Mar-02	25	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1210	\$3,000	
43	Mar-02	26	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1140	\$3,000	
44	Mar-02	27	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1180	\$3,000	
45	Mar-02	28	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1240	\$3,000	
46	Mar-02	29	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1100	\$3,000	
47	Apr-02	2	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1100	\$3,000	
48	Apr-02	3	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1130	\$3,000	
49	Apr-02	4	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1190	\$3,000	
50	Apr-02	5	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1150	\$3,000	
51	Apr-02	6	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1200	\$3,000	
52	Apr-02	7	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1070	\$3,000	

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53	Apr-02	8	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1050	\$3,000	
54	Apr-02	11	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1140	\$3,000	
55	Apr-02	13	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1140	\$3,000	
56	Apr-02	14	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1180	\$3,000	
57	Apr-02	16	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1130	\$3,000	
58	Apr-02	17	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1090	\$3,000	
59	Apr-02	18	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1210	\$3,000	
60	Apr-02	19	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1100	\$3,000	
61	Apr-02	20	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1230	\$3,000	
62	Apr-02	21	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1200	\$3,000	
63	Apr-02	22	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1120	\$3,000	
64	Apr-02	23	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1200	\$3,000	
65	Apr-02	24	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1110	\$3,000	
66	Apr-02	25	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1160	\$3,000	
67	Apr-02	26	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1130	\$3,000	
68	Apr-02	27	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1110	\$3,000	
69	Apr-02	28	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1090	\$3,000	
70	Apr-02	29	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1060	\$3,000	
71	Apr-02	30	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1030	\$3,000	
72	Apr-02	30	Turbidity	Concentration	NTU	Monthly Average	1	2	2.44	\$3,000	
73	May-02	2	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1070	\$3,000	
74	May-02	5	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1060	\$3,000	
75	May-02	7	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1130	\$3,000	
76	May-02	8	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1140	\$3,000	
77	May-02	9	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1180	\$3,000	
78	May-02	10	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1190	\$3,000	

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FRESNO COUNTY

Violation Number	Reporting Period	Violation Date	Constituent	Limit Type	Units	Period	Category	Limit	Reported Value	Mandatory Penalty (Chronic)	Mandatory Penalty (Serious)
79	May-02	11	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1258	\$3,000	
80	May-02	12	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1052	\$3,000	
81	May-02	13	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1100	\$3,000	
82	May-02	14	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1137	\$3,000	
83	May-02	15	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1030	\$3,000	
84	May-02	16	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1080	\$3,000	
85	May-02	17	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1130	\$3,000	
86	May-02	18	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1250	\$3,000	
87	May-02	19	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1230	\$3,000	
88	May-02	20	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1160	\$3,000	
89	May-02	21	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1130	\$3,000	
90	May-02	22	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1190	\$3,000	
91	May-02	23	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1180	\$3,000	
92	May-02	24	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1200	\$3,000	
93	May-02	25	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1140	\$3,000	
94	May-02	26	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1100	\$3,000	
95	May-02	27	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1110	\$3,000	
96	May-02	28	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1050	\$3,000	
97	May-02	30	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1080	\$3,000	
98	May-02	31	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1120	\$3,000	
99	Jun-02	1	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1090	\$3,000	
100	Jun-02	2	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1070	\$3,000	
101	Jun-02	3	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1070	\$3,000	
102	Jun-02	4	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1160	\$3,000	
103	Jun-02	5	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1160	\$3,000	
104	Jun-02	6	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1080	\$3,000	

ATTACHMENT A
TERTIARY EFFLUENT VIOLATIONS
MALAGA COUNTY WATER DISTRICT
WASTEWATER TREATMENT FACILITY
FRESNO COUNTY

Violation Number	Reporting Period	Violation Date	Constituent	Limit Type	Units	Period	Category	Limit	Reported Value	Mandatory Penalty (Chronic)	Mandatory Penalty (Serious)
105	Jun-02	7	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1130	\$3,000	
106	Jun-02	8	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1130	\$3,000	
107	Jun-02	9	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1080	\$3,000	
108	Jun-02	10	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1090	\$3,000	
109	Jun-02	11	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1130	\$3,000	
110	Jun-02	12	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1060	\$3,000	
111	Jun-02	13	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1040	\$3,000	
112	Jun-02	15	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1060	\$3,000	
113	Jun-02	17	EC	Concentration	µmhos/cm	Daily Maximum	1	866	970	\$3,000	
114	Jun-02	20	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1050	\$3,000	
115	Jun-02	21	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1090	\$3,000	
116	Jun-02	22	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1080	\$3,000	
117	Jun-02	23	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1060	\$3,000	
118	Jun-02	24	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1088	\$3,000	
119	Jun-02	27	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1030	\$3,000	
120	Jun-02	28	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1040	\$3,000	
121	Jun-02	29	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1070	\$3,000	
122	Jul-02	2	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1060	\$3,000	
123	Jul-02	3	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1110	\$3,000	
124	Jul-02	4	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1240	\$3,000	
125	Jul-02	5	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1120	\$3,000	
126	Jul-02	6	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1130	\$3,000	
127	Jul-02	7	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1140	\$3,000	
128	Jul-02	8	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1040	\$3,000	
129	Jul-02	9	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1110	\$3,000	
130	Jul-02	10	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1110	\$3,000	

ATTACHMENT A
TERTIARY EFFLUENT VIOLATIONS
MALAGA COUNTY WATER DISTRICT
WASTEWATER TREATMENT FACILITY
FRESNO COUNTY

Violation Number	Reporting Period	Violation Date	Constituent	Limit Type	Units	Period	Category	Limit	Reported Value	Mandatory Penalty (Chronic)	Mandatory Penalty (Serious)
131	Jul-02	11	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1070	\$3,000	
132	Jul-02	12	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1030	\$3,000	
133	Jul-02	16	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1110	\$3,000	
134	Jul-02	17	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1140	\$3,000	
135	Jul-02	18	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1100	\$3,000	
136	Jul-02	19	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1200	\$3,000	
137	Jul-02	20	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1190	\$3,000	
138	Jul-02	22	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1070	\$3,000	
139	Jul-02	23	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1060	\$3,000	
140	Jul-02	24	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1090	\$3,000	
141	Jul-02	27	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1110	\$3,000	
142	Jul-02	29	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1100	\$3,000	
143	Jul-02	30	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1150	\$3,000	
144	Jul-02	31	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1060	\$3,000	
145	Aug-02	1	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1280	\$3,000	
146	Aug-02	2	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1230	\$3,000	
147	Aug-02	3	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1170	\$3,000	
148	Aug-02	4	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1100	\$3,000	
149	Aug-02	5	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1140	\$3,000	
150	Aug-02	7	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1240	\$3,000	
151	Aug-02	8	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1110	\$3,000	
152	Aug-02	9	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1120	\$3,000	
153	Aug-02	12	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1200	\$3,000	
154	Aug-02	13	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1280	\$3,000	
155	Aug-02	14	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1120	\$3,000	
156	Aug-02	15	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1100	\$3,000	

ATTACHMENT A
TERTIARY EFFLUENT VIOLATIONS
MALAGA COUNTY WATER DISTRICT
WASTEWATER TREATMENT FACILITY
FRESNO COUNTY

Violation Number	Reporting Period	Violation Date	Constituent	Limit Type	Units	Period	Category	Limit	Reported Value	Mandatory Penalty (Chronic)	Mandatory Penalty (Serious)
157	Aug-02	16	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1110	\$3,000	
158	Aug-02	19	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1140	\$3,000	
159	Aug-02	20	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1150	\$3,000	
160	Aug-02	21	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1060	\$3,000	
161	Aug-02	22	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1070	\$3,000	
162	Aug-02	23	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1100	\$3,000	
163	Aug-02	26	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1040	\$3,000	
164	Aug-02	27	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1040	\$3,000	
165	Aug-02	28	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1080	\$3,000	
166	Aug-02	29	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1110	\$3,000	
167	Aug-02	30	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1100	\$3,000	
168	Sep-02	2	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1070	\$3,000	
169	Sep-02	4	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1080	\$3,000	
170	Sep-02	5	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1120	\$3,000	
171	Sep-02	6	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1160	\$3,000	
172	Sep-02	7	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1170	\$3,000	
173	Sep-02	8	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1190	\$3,000	
174	Sep-02	9	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1150	\$3,000	
175	Sep-02	10	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1030	\$3,000	
176	Sep-02	11	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1280	\$3,000	
177	Sep-02	12	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1230	\$3,000	
178	Sep-02	13	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1120	\$3,000	
179	Sep-02	14	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1110	\$3,000	
180	Sep-02	15	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1080	\$3,000	
181	Sep-02	20	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1110	\$3,000	
182	Sep-02	21	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1060	\$3,000	

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TERTIARY EFFLUENT VIOLATIONS
MALAGA COUNTY WATER DISTRICT
WASTEWATER TREATMENT FACILITY
FRESNO COUNTY

Violation Number	Reporting Period	Violation Date	Constituent	Limit Type	Units	Period	Category	Limit	Reported Value	Mandatory Penalty (Chronic)	Mandatory Penalty (Serious)
183	Sep-02	25	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1100	\$3,000	
184	Sep-02	26	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1050	\$3,000	
185	Sep-02	27	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1090	\$3,000	
186	Sep-02	28	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1130	\$3,000	
187	Sep-02	29	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1050	\$3,000	
188	Sep-02	30	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1070	\$3,000	
189	Oct-02	3	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1138	\$3,000	
190	Oct-02	4	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1080	\$3,000	
191	Oct-02	5	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1170	\$3,000	
192	Oct-02	6	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1070	\$3,000	
193	Oct-02	7	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1080	\$3,000	
194	Oct-02	8	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1080	\$3,000	
195	Oct-02	9	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1080	\$3,000	
196	Oct-02	10	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1060	\$3,000	
197	Oct-02	12	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1050	\$3,000	
198	Oct-02	31	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1030	\$3,000	
199	Nov-02	2	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1100	\$3,000	
200	Nov-02	3	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1130	\$3,000	
201	Nov-02	4	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1040	\$3,000	
202	Nov-02	5	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1050	\$3,000	
203	Nov-02	7	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1060	\$3,000	
204	Dec-02	1	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1150	\$3,000	
205	Dec-02	2	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1050	\$3,000	
206	Dec-02	3	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1156	\$3,000	
207	Dec-02	5	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1141	\$3,000	
208	Dec-02	6	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1151	\$3,000	

ATTACHMENT A
TERTIARY EFFLUENT VIOLATIONS
MALAGA COUNTY WATER DISTRICT
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Violation Number	Reporting Period	Violation Date	Constituent	Limit Type	Units	Period	Category	Limit	Reported Value	Mandatory Penalty (Chronic)	Mandatory Penalty (Serious)
209	Dec-02	7	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1040	\$3,000	
210	Dec-02	8	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1052	\$3,000	
211	Dec-02	11	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1056	\$3,000	
212	Dec-02	12	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1100	\$3,000	
213	Dec-02	13	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1066	\$3,000	
214	Dec-02	14	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1150	\$3,000	
215	Dec-02	15	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1096	\$3,000	
216	Dec-02	20	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1033	\$3,000	
217	Dec-02	21	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1041	\$3,000	
218	Dec-02	22	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1139	\$3,000	
219	Dec-02	24	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1062	\$3,000	
220	Dec-02	28	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1074	\$3,000	
221	Jan-03	2	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1049	\$3,000	
222	Jan-03	3	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1090	\$3,000	
223	Jan-03	4	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1054	\$3,000	
224	Jan-03	5	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1052	\$3,000	
225	Jan-03	6	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1041	\$3,000	
226	Jan-03	7	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1060	\$3,000	
227	Jan-03	8	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1070	\$3,000	
228	Jan-03	9	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1116	\$3,000	
229	Jan-03	10	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1120	\$3,000	
230	Jan-03	14	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1118	\$3,000	
231	Jan-03	15	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1105	\$3,000	
232	Jan-03	16	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1225	\$3,000	
233	Jan-03	17	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1079	\$3,000	
234	Jan-03	18	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1138	\$3,000	

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TERTIARY EFFLUENT VIOLATIONS
MALAGA COUNTY WATER DISTRICT
WASTEWATER TREATMENT FACILITY
FRESNO COUNTY

Violation Number	Reporting Period	Violation Date	Constituent	Limit Type	Units	Period	Category	Limit	Reported Value	Mandatory Penalty (Chronic)	Mandatory Penalty (Serious)
235	Jan-03	22	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1243	\$3,000	
236	Jan-03	23	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1197	\$3,000	
237	Jan-03	24	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1235	\$3,000	
238	Jan-03	25	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1224	\$3,000	
239	Jan-03	26	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1190	\$3,000	
240	Jan-03	27	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1165	\$3,000	
241	Jan-03	28	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1179	\$3,000	
242	Jan-03	29	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1166	\$3,000	
243	Jan-03	30	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1117	\$3,000	
244	Jan-03	31	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1110	\$3,000	
245	Feb-03	2	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1045	\$3,000	
246	Feb-03	3	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1033	\$3,000	
247	Feb-03	4	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1155	\$3,000	
248	Feb-03	6	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1186	\$3,000	
249	Feb-03	7	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1092	\$3,000	
250	Feb-03	8	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1080	\$3,000	
251	Feb-03	9	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1058	\$3,000	
252	Feb-03	14	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1105	\$3,000	
253	Feb-03	15	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1117	\$3,000	
254	Feb-03	16	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1048	\$3,000	
255	Feb-03	17	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1035	\$3,000	
256	Feb-03	19	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1040	\$3,000	
257	Feb-03	21	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1037	\$3,000	
258	Feb-03	22	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1150	\$3,000	
259	Feb-03	23	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1090	\$3,000	
260	Feb-03	26	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1108	\$3,000	

ATTACHMENT A
TERTIARY EFFLUENT VIOLATIONS
MALAGA COUNTY WATER DISTRICT
WASTEWATER TREATMENT FACILITY
FRESNO COUNTY

Violation Number	Reporting Period	Violation Date	Constituent	Limit Type	Units	Period	Category	Limit	Reported Value	Mandatory Penalty (Chronic)	Mandatory Penalty (Serious)
261	Feb-03	27	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1065	\$3,000	
262	Feb-03	28	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1081	\$3,000	
263	Mar-03	1	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1092	\$3,000	
264	Mar-03	2	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1079	\$3,000	
265	Mar-03	10	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1006	\$3,000	
266	Mar-03	11	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1137	\$3,000	
267	Mar-03	12	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1120	\$3,000	
268	Mar-03	13	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1280	\$3,000	
269	Mar-03	14	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1213	\$3,000	
270	Mar-03	15	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1147	\$3,000	
271	Mar-03	16	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1104	\$3,000	
272	Mar-03	17	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1136	\$3,000	
273	Mar-03	18	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1140	\$3,000	
274	Mar-03	19	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1168	\$3,000	
275	Mar-03	20	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1117	\$3,000	
276	Mar-03	21	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1107	\$3,000	
277	Mar-03	22	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1103	\$3,000	
278	Mar-03	23	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1077	\$3,000	
279	Mar-03	24	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1106	\$3,000	
280	Mar-03	25	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1195	\$3,000	
281	Mar-03	26	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1139	\$3,000	
282	Mar-03	27	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1143	\$3,000	
283	Mar-03	28	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1173	\$3,000	
284	Mar-03	29	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1075	\$3,000	
285	Mar-03	31	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1106	\$3,000	
286	Apr-03	1	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1111	\$3,000	

ATTACHMENT A
TERTIARY EFFLUENT VIOLATIONS
MALAGA COUNTY WATER DISTRICT
WASTEWATER TREATMENT FACILITY
FRESNO COUNTY

Violation Number	Reporting Period	Violation Date	Constituent	Limit Type	Units	Period	Category	Limit	Reported Value	Mandatory Penalty (Chronic)	Mandatory Penalty (Serious)
287	Apr-03	2	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1114	\$3,000	
288	Apr-03	3	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1146	\$3,000	
289	Apr-03	4	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1051	\$3,000	
290	Apr-03	5	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1101	\$3,000	
291	Apr-03	6	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1110	\$3,000	
292	Apr-03	7	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1111	\$3,000	
293	Apr-03	8	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1063	\$3,000	
294	Apr-03	9	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1048	\$3,000	
295	Apr-03	10	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1079	\$3,000	
296	Apr-03	11	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1168	\$3,000	
297	Apr-03	12	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1153	\$3,000	
298	Apr-03	13	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1124	\$3,000	
299	Apr-03	14	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1059	\$3,000	
300	Apr-03	15	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1100	\$3,000	
301	Apr-03	16	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1137	\$3,000	
302	Apr-03	17	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1171	\$3,000	
303	Apr-03	18	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1123	\$3,000	
304	Apr-03	19	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1127	\$3,000	
305	Apr-03	20	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1075	\$3,000	
306	Apr-03	28	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1129	\$3,000	
307	Apr-03	29	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1164	\$3,000	
308	Apr-03	30	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1064	\$3,000	
309	May-03	1	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1125	\$3,000	
310	May-03	2	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1111	\$3,000	
311	May-03	8	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1176	\$3,000	
312	May-03	9	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1126	\$3,000	

ATTACHMENT A
TERTIARY EFFLUENT VIOLATIONS
MALAGA COUNTY WATER DISTRICT
WASTEWATER TREATMENT FACILITY
FRESNO COUNTY

Violation Number	Reporting Period	Violation Date	Constituent	Limit Type	Units	Period	Category	Limit	Reported Value	Mandatory Penalty (Chronic)	Mandatory Penalty (Serious)
313	May-03	11	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1102	\$3,000	
314	May-03	27	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1119	\$3,000	
315	May-03	28	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1288	\$3,000	
316	May-03	29	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1276	\$3,000	
317	May-03	30	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1228	\$3,000	
318	May-03	31	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1195	\$3,000	
319	Jun-03	4	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1067	\$3,000	
320	Jun-03	5	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1076	\$3,000	
321	Jun-03	6	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1182	\$3,000	
322	Jun-03	9	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1036	\$3,000	
323	Jun-03	10	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1083	\$3,000	
324	Jun-03	11	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1147	\$3,000	
325	Jun-03	12	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1054	\$3,000	
326	Jun-03	13	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1064	\$3,000	
327	Jun-03	16	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1170	\$3,000	
328	Jun-03	17	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1036	\$3,000	
329	Jun-03	18	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1057	\$3,000	
330	Jun-03	19	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1113	\$3,000	
331	Jun-03	20	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1100	\$3,000	
332	Jun-03	23	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1144	\$3,000	
333	Jun-03	24	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1133	\$3,000	
334	Jun-03	25	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1190	\$3,000	
335	Jun-03	26	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1168	\$3,000	
336	Jun-03	27	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1246	\$3,000	
337	Jun-03	30	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1106	\$3,000	

ATTACHMENT A
TERTIARY EFFLUENT VIOLATIONS
MALAGA COUNTY WATER DISTRICT
WASTEWATER TREATMENT FACILITY
FRESNO COUNTY

Violation Number	Reporting Period	Violation Date	Constituent	Limit Type	Units	Period	Category	Limit	Reported Value	Mandatory Penalty (Chronic)	Mandatory Penalty (Serious)
338	Jul-03	1	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1194	\$3,000	
339	Jul-03	2	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1173	\$3,000	
340	Jul-03	3	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1160	\$3,000	
341	Jul-03	4	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1131	\$3,000	
342	Jul-03	8	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1169	\$3,000	
343	Jul-03	9	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1281	\$3,000	
344	Jul-03	10	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1095	\$3,000	
345	Jul-03	11	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1169	\$3,000	
346	Jul-03	15	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1280	\$3,000	
347	Jul-03	17	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1266	\$3,000	
348	Jul-03	18	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1210	\$3,000	
349	Jul-03	21	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1220	\$3,000	
350	Jul-03	22	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1332	\$3,000	
351	Jul-03	23	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1083	\$3,000	
352	Jul-03	24	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1082	\$3,000	
353	Jul-03	25	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1265	\$3,000	
354	Jul-03	28	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1230	\$3,000	
355	Jul-03	29	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1159	\$3,000	
356	Jul-03	31	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1198	\$3,000	
357	Aug-03	1	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1337	\$3,000	
358	Aug-03	4	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1146	\$3,000	
359	Aug-03	5	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1063	\$3,000	
360	Aug-03	6	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1206	\$3,000	
361	Aug-03	12	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1087	\$3,000	

ATTACHMENT A
TERTIARY EFFLUENT VIOLATIONS
MALAGA COUNTY WATER DISTRICT
WASTEWATER TREATMENT FACILITY
FRESNO COUNTY

Violation Number	Reporting Period	Violation Date	Constituent	Limit Type	Units	Period	Category	Limit	Reported Value	Mandatory Penalty (Chronic)	Mandatory Penalty (Serious)
362	Aug-03	25	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1049	\$3,000	
363	Aug-03	26	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1092	\$3,000	
364	Aug-03	28	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1098	\$3,000	
365	Sep-03	2	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1068	\$3,000	
366	Sep-03	4	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1132	\$3,000	
367	Sep-03	5	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1094	\$3,000	
368	Sep-03	6	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1033	\$3,000	
369	Sep-03	8	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1184	\$3,000	
370	Sep-03	9	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1132	\$3,000	
371	Sep-03	13	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1075	\$3,000	
372	Sep-03	23	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1293	\$3,000	
373	Sep-03	24	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1041	\$3,000	
374	Dec-03	15	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1168	\$3,000	
375	Dec-03	20	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1032	\$3,000	
376	Jan-04	18	EC	Concentration	µmhos/cm	Daily Maximum	1	1000	1044	\$3,000	
Total										\$1,095,000	\$12,000
Total Liability											\$1,107,000

ATTACHMENT A
TERTIARY EFFLUENT VIOLATIONS
MALAGA COUNTY WATER DISTRICT
WASTEWATER TREATMENT FACILITY
FRESNO COUNTY

SUMMARY						
Violation	Chronic		Serious		Net Number	Net Liability
	Number	Amount	Number	Amount		
Chlorine Residual			1	\$3,000	1	\$3,000
pH	1	\$3,000			1	\$3,000
Suspended Solids			3	\$9,000	3	\$9,000
Turbidity	11	\$33,000			11	\$33,000
EC	360	\$1,080,000			360	\$1,080,000
Total Violations	372	\$1,116,000	4	\$12,000	376	\$1,128,000
Excluded (E)	7	<\$21,000>			7	<\$21,000>
Net	365	\$1,095,000	4	\$12,000	369	\$1,107,000

* According to CWC section 13385, if a nonserious violation is counted as one of the first three violations it will not receive a mandatory penalty, but a serious violation will always receive a mandatory penalty whether or not it is one of the first three violations.

ATTACHMENT B

MALAGA COUNTY WATER DISTRICT

ADMINISTRATIVE CIVIL LIABILITY ORDER


COMPLIANCE PROJECT COMPONENTS

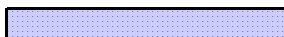
ANTICIPATED SCHEDULE, COST AND EFFECT

Updated 7-14-05

	Method	Description	Reduced	MCWD Costs to date	MCWD Planned Costs (within 5 years)	Annual O&M	Duration
			EC (µs/cm)				
	Current discharge						
1 a&b	Analysis and Determination of Sources of Electroconductivity	Studies, monitoring, testing, engineering	50 through 300	\$102,905.81	\$10,000.00		on-going
2 a&b	Establish Pretreatment Ordinance	Establish Pretreatment Ordinance	50 through 300		\$5,000.00		on-going
3	New well	Design and construct new well for water source with lower EC	75	\$872,929.00			14-Sep-2005
4	Establish Water Softener Ordinance	Establish Water Softener Ordinance	50		\$10,000.00		1-Jun-2008
5	Automated Chemical Feed	Continuous monitoring and automated feed of chlorination and dechlorination chemicals	10		\$70,000.00	\$ 2,000	1-Nov-2006
6	UV disinfection	Use UV instead of chlorination / dechlorination	40		\$330,000.00	\$ 8,000	1-Oct-2008
7	Continuous Monitoring of Ec, turbidity, pH, total residual chlorine	Monitors constituents and issues an alarm when limits are reached			\$100,000.00	\$ 2,000	1-Dec-2006
Subtotal				\$ 975,835	\$525,000.00		
Compliance Project Total				\$ 1,500,835			

KEY

 Expenditures not eligible for credit towards ACL penalty amount.

 Expenditures credited in this Order towards ACL. \$975,834.81