

**EXECUTIVE SUMMARY - ENFORCEMENT MATTER**

**DOCKET NO.:** 2007-1101-MWD-E **TCEQ ID:** RN102183035 **CASE NO.:** 34180

**RESPONDENT NAME:** Orange County Water Control and Improvement District No. 1

<b>ORDER TYPE:</b>		
<input checked="" type="checkbox"/> 1660 AGREED ORDER	<input type="checkbox"/> FINDINGS AGREED ORDER	<input type="checkbox"/> FINDINGS ORDER FOLLOWING SOAH HEARING
<input type="checkbox"/> FINDINGS DEFAULT ORDER	<input type="checkbox"/> SHUTDOWN ORDER	<input type="checkbox"/> IMMINENT AND SUBSTANTIAL ENDANGERMENT ORDER
<input type="checkbox"/> AMENDED ORDER	<input type="checkbox"/> EMERGENCY ORDER	
<b>CASE TYPE:</b>		
<input type="checkbox"/> AIR	<input type="checkbox"/> MULTI-MEDIA (check all that apply)	<input type="checkbox"/> INDUSTRIAL AND HAZARDOUS WASTE
<input type="checkbox"/> PUBLIC WATER SUPPLY	<input type="checkbox"/> PETROLEUM STORAGE TANKS	<input type="checkbox"/> OCCUPATIONAL CERTIFICATION
<input checked="" type="checkbox"/> WATER QUALITY	<input type="checkbox"/> SEWAGE SLUDGE	<input type="checkbox"/> UNDERGROUND INJECTION CONTROL
<input type="checkbox"/> MUNICIPAL SOLID WASTE	<input type="checkbox"/> RADIOACTIVE WASTE	<input type="checkbox"/> DRY CLEANER REGISTRATION
<p><b>SITE WHERE VIOLATION(S) OCCURRED:</b> Tiger Lake Plant, approximately 3,500 feet southwest of the intersection of Farm-to-Market Road 1132 and State Highway 105, Orange County</p> <p><b>TYPE OF OPERATION:</b> Wastewater treatment facility</p> <p><b>SMALL BUSINESS:</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><b>OTHER SIGNIFICANT MATTERS:</b> There are no complaints. There is no record of additional pending enforcement actions regarding this facility location.</p> <p><b>INTERESTED PARTIES:</b> No one other than the ED and the Respondent has expressed an interest in this matter.</p> <p><b>COMMENTS RECEIVED:</b> The <i>Texas Register</i> comment period expired on December 17, 2007. No comments were received.</p> <p><b>CONTACTS AND MAILING LIST:</b>  <b>TCEQ Attorney/SEP Coordinator:</b> Ms. Melissa Keller, SEP Coordinator, Enforcement Division, MC 219, (512) 239-1768  <b>TCEQ Enforcement Coordinator:</b> Ms. Merrilee Hupp, Enforcement Division, Team 1, MC 169, (512) 239-4490; Mr. Bryan Sinclair, Enforcement Division, MC 219, (512) 239-2171  <b>Respondent:</b> Ms. Darlene Jackson, District Manager, Orange County Water Control and Improvement District No. 1, 460 East Bolivar Street, Vidor, Texas 77662                      Mr. Charles B. Pierce, President, Orange County Water Control and Improvement District No. 1, 460 East Bolivar Street, Vidor, Texas 77662  <b>Respondent's Attorney:</b> Not represented by counsel on this enforcement matter</p>		

VIOLATION SUMMARY CHART:		
VIOLATION INFORMATION	PENALTY CONSIDERATIONS	CORRECTIVE ACTIONS TAKEN/REQUIRED
<p><b>Type of Investigation:</b>  <input type="checkbox"/> Complaint  <input checked="" type="checkbox"/> Routine  <input type="checkbox"/> Enforcement Follow-up  <input type="checkbox"/> Records Review</p> <p><b>Date(s) of Complaints Relating to this Case:</b> None</p> <p><b>Date of Investigation Relating to this Case:</b> June 25, 2007</p> <p><b>Date of NOV/NOE Relating to this Case:</b> July 5, 2007 (NOE)</p> <p><b>Background Facts:</b> This was a routine investigation. One violation was documented.</p> <p><b>WATER</b></p> <p>Failure to comply with permitted effluent limitations for pH, Ammonia Nitrogen, Flow, and Total Suspended Solids. [30 TEX. ADMIN. CODE § 305.125(1), TEX. WATER CODE § 26.121(a), TPDES Permit No. WQ10875003, Effluent Limitations and Monitoring Requirements Nos. 1 and 3].</p>	<p><b>Total Assessed:</b> \$4,500</p> <p><b>Total Deferred:</b> \$900  <input checked="" type="checkbox"/> Expedited Settlement  <input type="checkbox"/> Financial Inability to Pay</p> <p><b>SEP Conditional Offset:</b> \$0</p> <p><b>Total Paid to General Revenue:</b> \$3,600</p> <p><b>Site Compliance History Classification</b>  <input type="checkbox"/> High <input checked="" type="checkbox"/> Average <input type="checkbox"/> Poor</p> <p><b>Person Compliance History Classification</b>  <input type="checkbox"/> High <input checked="" type="checkbox"/> Average <input type="checkbox"/> Poor</p> <p><b>Major Source:</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><b>Applicable Penalty Policy:</b> September 2002</p>	<p><b>Ordering Provisions:</b></p> <p>1) The Order will require the Respondent to implement and complete a Supplemental Environmental Project (SEP). (See SEP Attachment A)</p> <p>2) The Order will also require the Respondent to, within 180 days after the effective date of this Agreed Order, submit written certification of compliance with the effluent limits of TPDES Permit No. WQ10875003. The certification shall include detailed supporting documentation including receipts, and/or other records to demonstrate compliance.</p>

**Attachment A**  
**Docket Number: 2007-1101-MWD-E**

**SUPPLEMENTAL ENVIRONMENTAL PROJECT**

**Respondent:** Orange County Water Control Improvement District No. 1  
**Payable Penalty Amount:** Three Thousand Six Hundred Dollars (\$3,600)  
**SEP Amount:** Three Thousand Six Hundred Dollars (\$3,600)  
**Type of SEP:** Pre-approved  
**Third-Party Recipient:** Texas Association of Resource Conservation and Development Areas, Inc. ("RC&D")- Wastewater Treatment Assistance  
**Location of SEP:** Orange County

The Texas Commission on Environmental Quality ("TCEQ") agrees to offset a portion of the administrative Penalty Amount assessed in this Agreed Order for the Respondent to contribute to a Supplemental Environmental Project ("SEP"). The offset is equal to the SEP Amount set forth above and is conditioned upon completion of the project in accordance with the terms of this Attachment A.

**1. Project Description**

A. Project

The Respondent shall contribute to the Third-Party Recipient pursuant to the agreement between the Third-Party Recipient and the TCEQ. Specifically, the contribution will be used to provide low income rural homeowners with assistance to enable the repair or replacement of their failing on-site wastewater systems. SEP monies will be used to pay for the labor and materials costs related to repairing or replacing the failing systems. The recipients will not be charged for the cost of replacing or repairing the failing systems

The Respondent certifies that there is no prior commitment to do this project and that it is being performed solely in an effort to settle this enforcement action.

B. Environmental Benefit

This SEP will provide a discernible environmental benefit by protecting water sources for drinking, recreation, and wildlife from contamination from failing treatment systems

C. Minimum Expenditure

The Respondent shall contribute at least the SEP Amount to the Third-Party Recipient and comply with all other provisions of this SEP.



**2. Performance Schedule**

Within 30 days after the effective date of this Agreed Order, the Respondent must contribute the SEP Amount to the Third-Party Recipient. The Respondent shall mail the contribution, with a copy of the Agreed Order, to:

Texas Association of Resource Conservation and Development Areas, Inc.  
1716 Briarcrest Drive, Suite 510  
Bryan, Texas 77802-2700

**3. Records and Reporting**

Concurrent with the payment of the SEP Amount, the Respondent shall provide the TCEQ SEP Coordinator with a copy of the check and transmittal letter indicating full payment of the SEP Amount to the Third-Party Recipient. The Respondent shall mail a copy of the check and transmittal letter to:

Enforcement Division  
Attention: SEP Coordinator, MC 219  
Texas Commission on Environmental Quality  
P.O. Box 13087  
Austin, Texas 78711-3087

**4. Failure to Fully Perform**

If the Respondent does not perform its obligations under this SEP in any way, including full payment of the SEP Amount and submittal of the required reporting described in Section 3 above, the Executive Director may require immediate payment of all or part of the SEP Amount.

The check for any amount due shall be made out to "Texas Commission on Environmental Quality" and mailed to:

Texas Commission on Environmental Quality  
Financial Administration Division, Revenues  
Attention: Cashier, MC 214  
P.O. Box 13088  
Austin, Texas 78711-3088

The Respondent shall also mail a copy of the check to the TCEQ SEP Coordinator at the address in Section 3 above.

**5. Publicity**

Any public statements concerning this SEP made by or on behalf of the Respondent must include a clear statement that the project was performed as part of the settlement of an enforcement action brought by the TCEQ. Such statements include advertising, public relations, and press releases.



**6. Clean Texas Program**

The Respondent shall not include this SEP in any application made to TCEQ under the "Clean Texas" (or any successor) program(s). Similarly, the Respondent may not seek recognition for this contribution in any other state or federal regulatory program.

**7. Other SEPs by TCEQ or Other Agencies**

The SEP identified in this Agreed Order has not been, and shall not be, included as an SEP for the Respondent under any other Agreed Order negotiated with the TCEQ or any other agency of the state or federal government.





# Penalty Calculation Worksheet (PCW)

Policy Revision 2 (September 2002)

PCW Revision June 26, 2007

<b>DATES</b>	Assigned	9-Jul-2007	Screening	12-Jul-2007	EPA Due	
	PCW	12-Jul-2007				

<b>RESPONDENT/FACILITY INFORMATION</b>			
Respondent	Orange County Water Control and Improvement District No. 1		
Reg. Ent. Ref. No.	RN102183035		
Facility/Site Region	10-Beaumont	Major/Minor Source	Minor

<b>CASE INFORMATION</b>			
Enf./Case ID No.	34180	No. of Violations	1
Docket No.	2007-1101-MWD-E	Order Type	1660
Media Program(s)	Water Quality	Enf. Coordinator	Merrilee Hupp
Multi-Media		EC's Team	EnforcementTeam 1
Admin. Penalty \$	Limit Minimum	\$0	Maximum
			\$10,000

## Penalty Calculation Section

<b>TOTAL BASE PENALTY (Sum of violation base penalties)</b>	<b>Subtotal 1</b>	\$3,000
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### ADJUSTMENTS (+/-) TO SUBTOTAL 1

Subtotals 2-7 are obtained by multiplying the Total Base Penalty (Subtotal 1) by the indicated percentage.

<b>Compliance History</b>	50% Enhancement	<b>Subtotals 2, 3, &amp; 7</b>	\$1,500
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Notes: The Respondent self-reported nine effluent violations and received one NOV for same or similar violations.

<b>Culpability</b>	No	0% Enhancement	<b>Subtotal 4</b>	\$0
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Notes: The Respondent does not meet the culpability criteria.

<b>Good Faith Effort to Comply</b>	0% Reduction	<b>Subtotal 5</b>	\$0
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Before NOV      NOV to EDRP/Settlement Offer

Extraordinary		
Ordinary		
N/A	X	(mark with x)

Notes: The Respondent does not meet the good faith criteria.

<b>Total EB Amounts</b>	\$4,426	0% Enhancement*	<b>Subtotal 6</b>	\$0
<b>Approx. Cost of Compliance</b>	\$40,000	*Capped at the Total EB \$ Amount		

<b>SUM OF SUBTOTALS 1-7</b>	<b>Final Subtotal</b>	\$4,500
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<b>OTHER FACTORS AS JUSTICE MAY REQUIRE</b>	0%	<b>Adjustment</b>	\$0
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Reduces or enhances the Final Subtotal by the indicated percentage. (Enter number only; e.g. -30 for -30%.)

Notes:

<b>Final Penalty Amount</b>	\$4,500
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<b>STATUTORY LIMIT ADJUSTMENT</b>	<b>Final Assessed Penalty</b>	\$4,500
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<b>DEFERRAL</b>	20% Reduction	<b>Adjustment</b>	-\$900
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Reduces the Final Assessed Penalty by the indicated percentage. (Enter number only; e.g. 20 for 20% reduction.)

Notes:

Deferral offered for expedited settlement.

<b>PAYABLE PENALTY</b>	\$3,600
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**Screening Date** 12-Jul-2007 **Docket No.** 2007-1101-MWD-E

**PCW**

**Respondent** Orange County Water Control and Improvement District I

Policy Revision 2 (September 2002)

**Case ID No.** 34180

PCW Revision, June 26, 2007

**Reg. Ent. Reference No.** RN102183035

**Media [Statute]** Water Quality

**Enf. Coordinator** Merrilee Hupp

**Compliance History Worksheet**

>> **Compliance History Site Enhancement (Subtotal 2)**

Component	Number of...	Enter Number Here	Adjust.
NOVs	Written NOVs with same or similar violations as those in the current enforcement action (number of NOVs meeting criteria)	10	50%
	Other written NOVs	0	0%
Orders	Any agreed final enforcement orders containing a denial of liability (number of orders meeting criteria)	0	0%
	Any adjudicated final enforcement orders, agreed final enforcement orders without a denial of liability, or default orders of this state or the federal government, or any final prohibitory emergency orders issued by the commission	0	0%
Judgments and Consent Decrees	Any non-adjudicated final court judgments or consent decrees containing a denial of liability of this state or the federal government (number of judgements or consent decrees meeting criteria)	0	0%
	Any adjudicated final court judgments and default judgments, or non-adjudicated final court judgments or consent decrees without a denial of liability, of this state or the federal government	0	0%
Convictions	Any criminal convictions of this state or the federal government (number of counts)	0	0%
Emissions	Chronic excessive emissions events (number of events)	0	0%
Audits	Letters notifying the executive director of an intended audit conducted under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (number of audits for which notices were submitted)	0	0%
	Disclosures of violations under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (number of audits for which violations were disclosed)	0	0%
<i>Please Enter Yes or No</i>			
Other	Environmental management systems in place for one year or more	No	0%
	Voluntary on-site compliance assessments conducted by the executive director under a special assistance program	No	0%
	Participation in a voluntary pollution reduction program	No	0%
	Early compliance with, or offer of a product that meets future state or federal government environmental requirements	No	0%

**Adjustment Percentage (Subtotal 2)** 50%

>> **Repeat Violator (Subtotal 3)**

No

**Adjustment Percentage (Subtotal 3)** 0%

>> **Compliance History Person Classification (Subtotal 7)**

Average Performer

**Adjustment Percentage (Subtotal 7)** 0%

>> **Compliance History Summary**

**Compliance History Notes**

The Respondent self-reported nine effluent violations and received one NOV for same or similar violations.

**Total Adjustment Percentage (Subtotals 2, 3, & 7)** 50%

Screening Date 12-Jul-2007

Docket No. 2007-1101-MWD-E

PCW

Respondent Orange County Water Control and Improvement District No. 1

Policy Revision 2 (September 2002)

Case ID No. 34180

PCW Revision June 26, 2007

Reg. Ent. Reference No. RN102183035

Media [Statute] Water Quality

Enf. Coordinator Merrilee Hupp

Violation Number

Rule Cite(s) 30 Tex. Admin. Code § 305.125(1), Tex. Water Code § 26.121(a), TPDES Permit No. WQ10875003, Effluent Limitations and Monitoring Requirements Nos. 1 and 3

Violation Description Failed to comply with permitted effluent limitations. (See Effluent Violation Table).

Base Penalty

>> Environmental, Property and Human Health Matrix

Release	Harm			Percent
	Major	Moderate	Minor	
Actual	<input type="text"/>	<input type="text"/>	<input checked="" type="checkbox"/>	<input type="text" value="10%"/>
Potential	<input type="text"/>	<input type="text"/>	<input type="text"/>	

>> Programmatic Matrix

Falsification	Major	Moderate	Minor	Percent
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="0%"/>

Matrix Notes

A simplified model was used to evaluate ammonia-nitrogen to determine whether the discharged amounts of pollutants exceeded levels protective of human health or the environment. TSS, flow, and pH values were also considered. As a result of these discharges, human health or the environment has been exposed to insignificant amounts of pollutants which do not exceed levels that are protective of human health or environmental receptors.

Adjustment

Violation Events

Number of Violation Events   Number of violation days

mark only one with an x	daily	<input type="text"/>
	monthly	<input type="text"/>
	quarterly	<input checked="" type="checkbox"/>
	semiannual	<input type="text"/>
	annual	<input type="text"/>
	single event	<input type="text"/>

Violation Base Penalty

Three quarterly events are recommended.

Economic Benefit (EB) for this violation

Statutory Limit Test

Estimated EB Amount

Violation Final Penalty Total

This violation Final Assessed Penalty (adjusted for limits)

### Economic Benefit Worksheet

**Respondent** Orange County Water Control and Improvement District No. 1  
**Case ID No.** 34180  
**Reg. Ent. Reference No.** RN102183035  
**Media** Water Quality  
**Violation No.** 1

<b>Percent Interest</b>	<b>Years of Depreciation</b>
5.0	15

Item Description	Item Cost	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
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No commas or \$

**Delayed Costs**

Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0
Engineering/construction	\$40,000	31-Jul-2006	28-Feb-2008	1.6	\$211	\$4,216	\$4,426
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (as needed)				0.0	\$0	n/a	\$0

**Notes for DELAYED costs**

Estimated cost is for the assessment of the collection system and treatment units of the wastewater treatment plant to determine the corrective actions to take to resolve effluent noncompliances. Date required is the first noncompliant month and final date is when compliance is expected to be achieved.

**Avoided Costs**

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equipment				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

**Notes for AVOIDED costs**

**Approx. Cost of Compliance**

	\$40,000	<b>TOTAL</b>	\$4,426
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Orange County Water Control and Improvement District No. 1  
 RN102183035  
 Docket No. 2007-1101-MWD-E

Effluent Violation Table

<b>Effluent Characteristic</b>	<b>pH Minimum</b>	<b>Daily Average NH<sub>3</sub>-N Conc. (mg/L)</b>	<b>Daily Average NH<sub>3</sub>-N Loading (lbs/day)</b>	<b>Daily Average Flow (MGD)</b>	<b>Daily Average TSS Loading (lbs/day)</b>	<b>Daily Average Conc. TSS (mg/L)</b>
<b>Units</b>	<b>(s.u.)</b>					
<b>Permit Limit April 1, 2002- August 15, 2006:</b>	<b>6.0</b>	<b>3.0</b>	<b>4.8</b>	<b>0.190</b>	<b>24.0</b>	<b>15</b>
<b>August 16, 2006- August 1, 2011:</b>	<b>6.0</b>	<b>3.0</b>	<b>6.0</b>	<b>0.255</b>	<b>32.0</b>	<b>15</b>
<b>Month Year</b>						
July 31, 2006	c	c	c	c	28.84	c
October 31, 2006	c	c	c	0.2751	52.56	c
January 31, 2007	c	4.22	c	0.2715	c	15.96
February 28, 2007	5.5	c	10.42	c	33.03	c

c: compliant  
 s.u.: standard units

TSS: total suspended solids  
 MGD: million gallons per day

NH<sub>3</sub>-N: ammonia-nitrogen    conc: concentration  
 lbs/day: pounds per day    mg/L: milligrams per liter

THE UNIVERSITY OF CHICAGO  
DEPARTMENT OF CHEMISTRY  
RESEARCH REPORT

RESEARCH REPORT

1. Introduction  
2. Experimental  
3. Results  
4. Discussion  
5. Conclusions  
6. References  
7. Appendix

Author: [Name]  
Date: [Date]

## Compliance History

Customer/Respondent/Owner-Operator:	CN601441850	Orange County Water Control and Improvement District No. 1	Classification: AVERAGE	Rating: 3.60
Regulated Entity:	RN102183035	TIGER LAKE PLANT	Classification: AVERAGE	Site Rating: 0.41
ID Number(s):	WASTEWATER	PERMIT		WQ0010875003
	WASTEWATER	PERMIT		TPDES0108073
	WASTEWATER	PERMIT		TX0108073
	WASTEWATER LICENSING	LICENSE		WQ0010875003
Location:	approx. 3,500 ft. SW of the intersec. of FM Road 1132 & State Hwy. 105, Orange County		Rating Date: 9/1/2006	Repeat Violator: NO
TCEQ Region:	REGION 10 - BEAUMONT			
Date Compliance History Prepared:	July 11, 2007			
Agency Decision Requiring Compliance History:	Enforcement			
Compliance Period:	July 11, 2002 to July 11, 2007			

TCEQ Staff Member to Contact for Additional Information Regarding this Compliance History

Name: Merrilee G. Hupp Phone: 512-239-4490

### Site Compliance History Components

- |  |            |
|--|------------|
| 1. Has the site been in existence and/or operation for the full five year compliance period? | Yes        |
| 2. Has there been a (known) change in ownership of the site during the compliance period?    | No         |
| 3. If Yes, who is the current owner?   | <u>N/A</u> |
| 4. If Yes, who was/were the prior owner(s)?  | N/A        |
| 5. When did the change(s) in ownership occur?  | N/A        |

#### Components (Multimedia) for the Site :

A. Final Enforcement Orders, court judgements, and consent decrees of the state of Texas and the federal government.

N/A

B. Any criminal convictions of the state of Texas and the federal government.

N/A

C. Chronic excessive emissions events.

N/A

D. The approval dates of investigations. (CCEDS Inv. Track. No.)

- |    |            |          |
|----|------------|----------|
| 1  | 07/23/2002 | (225783) |
| 2  | 08/19/2002 | (225786) |
| 3  | 09/23/2002 | (225789) |
| 4  | 10/14/2002 | (225792) |
| 5  | 11/18/2002 | (225796) |
| 6  | 12/30/2002 | (225800) |
| 7  | 01/27/2003 | (225803) |
| 8  | 02/24/2003 | (225768) |
| 9  | 03/14/2003 | (225771) |
| 10 | 04/22/2003 | (323780) |
| 11 | 05/22/2003 | (323782) |
| 12 | 06/12/2003 | (323783) |
| 13 | 07/23/2003 | (323784) |
| 14 | 08/22/2003 | (323785) |
| 15 | 09/17/2003 | (323786) |
| 16 | 10/16/2003 | (323788) |
| 17 | 12/22/2003 | (323790) |
| 18 | 01/05/2004 | (323789) |
| 19 | 01/21/2004 | (323791) |
| 20 | 02/20/2004 | (323778) |
| 21 | 03/18/2004 | (323779) |
| 22 | 04/21/2004 | (323781) |
| 23 | 05/21/2004 | (364832) |
| 24 | 06/15/2004 | (364833) |
| 25 | 07/19/2004 | (364834) |
| 26 | 08/16/2004 | (364835) |
| 27 | 09/16/2004 | (364836) |
| 28 | 10/21/2004 | (364837) |

29	11/23/2004	(388944)
30	12/15/2004	(388945)
31	01/14/2005	(388946)
32	02/10/2005	(426543)
33	03/21/2005	(388943)
34	04/26/2005	(426544)
35	05/23/2005	(426545)
36	06/20/2005	(426546)
37	07/18/2005	(446802)
38	08/19/2005	(446803)
39	09/14/2005	(446804)
40	10/09/2005	(490574)
41	11/18/2005	(490575)
42	12/19/2005	(490576)
43	01/23/2006	(490577)
44	02/07/2006	(440201)
45	02/27/2006	(490572)
46	03/21/2006	(490573)
47	04/19/2006	(505388)
48	05/22/2006	(505389)
49	05/30/2006	(479801)
50	06/21/2006	(505390)
51	07/24/2006	(527675)
52	08/22/2006	(527676)
53	09/22/2006	(527674)
54	11/10/2006	(551333)
55	11/27/2006	(551334)
56	12/22/2006	(551335)
57	03/15/2007	(543431)
58	07/06/2007	(565464)

E. Written notices of violations (NOV). (CCEDS Inv. Track. No.)

Date	12/31/2002	(225803)		
Self Report?	YES		Classification:	Moderate
Citation:	30 TAC Chapter 305, SubChapter F 305.125(1) TWC Chapter 26 26.121(a)[G]			
Description:	Failure to meet the limit for one or more permit parameter			
Date	11/30/2003	(323790)		
Self Report?	YES		Classification:	Moderate
Citation:	30 TAC Chapter 305, SubChapter F 305.125(1) TWC Chapter 26 26.121(a)[G]			
Description:	Failure to meet the limit for one or more permit parameter			
Date	02/28/2005	(388943)		
Self Report?	YES		Classification:	Moderate
Citation:	30 TAC Chapter 305, SubChapter F 305.125(1) TWC Chapter 26 26.121(a)[G]			
Description:	Failure to meet the limit for one or more permit parameter			
Date	03/31/2005	(426544)		
Self Report?	YES		Classification:	Moderate
Citation:	30 TAC Chapter 305, SubChapter F 305.125(1) TWC Chapter 26 26.121(a)[G]			
Description:	Failure to meet the limit for one or more permit parameter			
Date	12/31/2005	(490577)		
Self Report?	YES		Classification:	Moderate
Citation:	30 TAC Chapter 305, SubChapter F 305.125(1) TWC Chapter 26 26.121(a)[G]			
Description:	Failure to meet the limit for one or more permit parameter			
Date	02/07/2006	(440201)		
Self Report?	NO		Classification:	Minor
Rqmt Prov:	PERMIT IEL&MR 2			
Description:	The effluent total chlorine residual was 0.83 mg/l.			
Self Report?	NO		Classification:	Minor
Rqmt Prov:	PERMIT M&RR 5			
Description:	Flow accuracy check revealed a flow error of 13.8%.			
Self Report?	NO		Classification:	Minor
Rqmt Prov:	PERMIT OpR 1			
Description:	Heavy algae growth on clarifier weirs.			
Self Report?	NO		Classification:	Moderate
Rqmt Prov:	PERMIT IEL&MR 1			
Description:	Daily average flow limits were exceeded during the months of 12/2002, 11/2003, and 02/2005.			

Self Report?	NO	Classification:	Minor
Rqmt Prov:	PERMIT OpR 1		
Description:	Solids levels within the system were higher than generally accepted industry standards for a complete mix system.		
Self Report?	NO	Classification:	Moderate
Rqmt Prov:	PERMIT OpR 1 PERMIT PC 2g		
Description:	On 01/31/2005, the lift station serving Dundee street failed, causing an unauthorized discharge of an estimated 9,000 gallons. On 12/25/2005 through 12/26/2005, the District reported that a switch failure on the automatic bar screen caused a discharge of an estimated 60,000 gallons of raw sewage.		
Date	07/31/2006	(527676)	
Self Report?	YES	Classification:	Moderate
Citation:	30 TAC Chapter 305, SubChapter F 305.125(1) TWC Chapter 26 26.121(a)[G]		
Description:	Failure to meet the limit for one or more permit parameter		
Date	10/31/2006	(551334)	
Self Report?	YES	Classification:	Moderate
Citation:	30 TAC Chapter 305, SubChapter F 305.125(1) TWC Chapter 26 26.121(a)[G]		
Description:	Failure to meet the limit for one or more permit parameter		
Date	01/31/2007		
Self Report?	YES	Classification:	Moderate
Citation:	30 TAC Chapter 305, SubChapter F 305.125(1) TWC Chapter 26 26.121(a)[G]		
Description:	Failure to meet the limit for one or more permit parameter		
Date	02/28/2007		
Self Report?	YES	Classification:	Moderate
Citation:	30 TAC Chapter 305, SubChapter F 305.125(1)  TWC Chapter 26 26.121(a)[G]		

F. Environmental audits

N/A

G. Type of environmental management systems (EMSs).

N/A

H. Voluntary on-site compliance assessment dates.

N/A

I. Participation in a voluntary pollution reduction program.

N/A

J. Early compliance.

N/A

Sites Outside of Texas

N/A



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



IN THE MATTER OF AN  
ENFORCEMENT ACTION  
CONCERNING  
ORANGE COUNTY WATER  
CONTROL AND IMPROVEMENT  
DISTRICT NO. 1  
RN102183035

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BEFORE THE  
  
TEXAS COMMISSION ON  
  
ENVIRONMENTAL QUALITY

**AGREED ORDER**  
**DOCKET NO. 2007-1101-MWD-E**

**I. JURISDICTION AND STIPULATIONS**

At its \_\_\_\_\_ agenda, the Texas Commission on Environmental Quality ("the Commission" or "TCEQ") considered this agreement of the parties, resolving an enforcement action regarding Orange County Water Control and Improvement District No. 1 ("the WCID") under the authority of TEX. WATER CODE chs. 7 and 26. The Executive Director of the TCEQ, through the Enforcement Division, and the WCID appear before the Commission and together stipulate that:

1. The WCID owns and operates a wastewater treatment facility approximately 3,500 feet southwest of the intersection of Farm-to-Market Road 1132 and State Highway 105 in Orange County, Texas (the "Facility").
2. The WCID has discharged municipal waste into or adjacent to any water in the state under TEX. WATER CODE ch. 26.
3. The Commission and the WCID agree that the Commission has jurisdiction to enter this Agreed Order, and that the WCID is subject to the Commission's jurisdiction.
4. The WCID received notice of the violations alleged in Section II ("Allegations") on or about July 10, 2007.
5. The occurrence of any violation is in dispute and the entry of this Agreed Order shall not constitute an admission by the WCID of any violation alleged in Section II ("Allegations"), nor of any statute or rule.



6. An administrative penalty in the amount of Four Thousand Five Hundred Dollars (\$4,500) is assessed by the Commission in settlement of the violations alleged in Section II ("Allegations"). Nine Hundred Dollars (\$900) is deferred contingent upon the WCID's timely and satisfactory compliance with all the terms of this Agreed Order. The deferred amount will be waived upon full compliance with the terms of this Agreed Order. If the WCID fails to timely and satisfactorily comply with all requirements of this Agreed Order, the Executive Director may require the WCID to pay all or part of the deferred penalty. Three Thousand Six Hundred Dollars (\$3,600) shall be conditionally offset by the WCID's completion of a Supplemental Environmental Project.
7. Any notice and procedures, which might otherwise be authorized or required in this action, are waived in the interest of a more timely resolution of the matter.
8. The Executive Director of the TCEQ and the WCID have agreed on a settlement of the matters alleged in this enforcement action, subject to the approval of the Commission.
9. The Executive Director may, without further notice or hearing, refer this matter to the Office of the Attorney General of the State of Texas ("OAG") for further enforcement proceedings if the Executive Director determines that the WCID has not complied with one or more of the terms or conditions in this Agreed Order.
10. This Agreed Order shall terminate five years from its effective date or upon compliance with all the terms and conditions set forth in this Agreed Order, whichever is later.
11. The provisions of this Agreed Order are deemed severable and, if a court of competent jurisdiction or other appropriate authority deems any provision of this Agreed Order unenforceable, the remaining provisions shall be valid and enforceable.

## **II. ALLEGATIONS**

As owner and operator of the Facility, the WCID is alleged to have failed to comply with permitted effluent limitations, in violation of 30 TEX. ADMIN. CODE § 305.125(1), TEX. WATER CODE § 26.121(a), Texas Pollutant Discharge Elimination System ("TPDES") Permit No. WQ10875003, Effluent Limitations and Monitoring Requirements Nos. 1 and 3, as documented during a record review conducted on June 25, 2007 and shown in the following table:



Effluent Characteristic	pH Minimum	Daily Average NH <sub>3</sub> -N Conc. (mg/L)	Daily Average NH <sub>3</sub> -N Loading (lbs/day)	Daily Average Flow (MGD)	Daily Average TSS Loading (lbs/day)	Daily Average Conc. TSS (mg/L)
Units	(s.u.)	(mg/L)	(lbs/day)	(MGD)	(lbs/day)	(mg/L)
<b>Permit Limit April 1, 2002-August 15, 2006:</b>	6.0	3.0	4.8	0.190	24.0	15
<b>August 16, 2006-August 1, 2011:</b>	6.0	3.0	6.0	0.255	32.0	15
<b>Month Year</b>						
July 31, 2006	c	c	c	c	28.84	c
October 31, 2006	c	c	c	0.2751	52.56	c
January 31, 2007	c	4.22	c	0.2715	c	15.96
February 28, 2007	5.5	c	10.42	c	33.03	c

c: compliant      TSS: total suspended solids      NH<sub>3</sub>-N: ammonia-nitrogen      conc: concentration  
s.u.: standard units      MGD: million gallons per day      lbs/day: pounds per day      mg/L: milligrams per liter

**III. DENIALS**

The WCID generally denies each allegation in Section II ("Allegations").

**IV. ORDERING PROVISIONS**

1. It is, therefore, ordered by the TCEQ that the WCID pay an administrative penalty as set forth in Section I, Paragraph 6 above. The payment of this administrative penalty and the WCID's compliance with all the terms and conditions set forth in this Agreed Order resolve only the allegations in Section II. The Commission shall not be constrained in any manner from requiring corrective action or penalties for violations, which are not raised here. Administrative penalty payments shall be made payable to "TCEQ" and shall be sent with the notation "Re: Orange County Water Control and Improvement District No. 1, Docket No. 2007-1101-MWD-E" to:

Financial Administration Division, Revenues Section  
Attention: Cashier's Office, MC 214  
Texas Commission on Environmental Quality  
P.O. Box 13088  
Austin, Texas 78711-3088

Sample No.	Concn. (g/l)	Viscosity (poise)	Temperature (°C)	Notes
1	0.1	0.015	25	
2	0.2	0.030	25	
3	0.5	0.075	25	
4	1.0	0.150	25	
5	2.0	0.300	25	
6	5.0	0.750	25	
7	10.0	1.500	25	
8	20.0	3.000	25	
9	50.0	7.500	25	
10	100.0	15.000	25	
11	0.1	0.015	30	
12	0.2	0.030	30	
13	0.5	0.075	30	
14	1.0	0.150	30	
15	2.0	0.300	30	
16	5.0	0.750	30	
17	10.0	1.500	30	
18	20.0	3.000	30	
19	50.0	7.500	30	
20	100.0	15.000	30	

RESULTS

The viscosity of the solutions was measured at various concentrations and temperatures. The results show that the viscosity increases with both concentration and temperature. The data is summarized in the table above.

The following table shows the calculated values for the intrinsic viscosity  $[\eta]$  and the limiting viscosity number  $[\eta]_0$  for the solutions at different temperatures.

Concn. (g/l)	$[\eta]$ (ml/g)	$[\eta]_0$ (ml/g)
0.1	0.15	0.15
0.2	0.15	0.15
0.5	0.15	0.15
1.0	0.15	0.15
2.0	0.15	0.15
5.0	0.15	0.15
10.0	0.15	0.15
20.0	0.15	0.15
50.0	0.15	0.15
100.0	0.15	0.15

2. The WCID shall implement and complete a Supplemental Environmental Project ("SEP") in accordance with TEX. WATER CODE § 7.067. As set forth in Section I, Three Thousand Six Hundred Dollars (\$3,600) of the assessed administrative penalty shall be offset with the condition that the WCID implements the SEP defined in Attachment A, incorporated herein by reference. The WCID's obligation to pay the conditionally offset portion of the administrative penalty assessed shall be discharged upon final completion of all provisions of the SEP agreement.
3. It is further ordered that the WCID shall, within 180 days after the effective date of this Agreed Order, submit written certification of compliance with the effluent limits of TPDES Permit No. WQ10875003. The certification shall include detailed supporting documentation including receipts, and/or other records to demonstrate compliance, be notarized by a State of Texas Notary Public and include the following certification language:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

The certification shall be submitted to:

Order Compliance Team  
Enforcement Division, MC 149A  
Texas Commission on Environmental Quality  
P.O. Box 13087  
Austin, Texas 78711-3087

with a copy to:

Water Section, Manager  
Beaumont Regional Office  
Texas Commission on Environmental Quality  
3870 Eastex Freeway  
Beaumont, Texas 77703-1892

4. The provisions of this Agreed Order shall apply to and be binding upon the WCID. The WCID is ordered to give notice of the Agreed Order to personnel who maintain day-to-day control over the Facility operations referenced in this Agreed Order.
5. If the WCID fails to comply with any of the Ordering Provisions in this Agreed Order within the prescribed schedules, and that failure is caused solely by an act of God, war, strike, riot, or other catastrophe, the WCID's failure to comply is not a violation of this Agreed Order. The WCID shall have the burden of establishing to the Executive Director's satisfaction that such an event has occurred. The WCID shall notify the Executive Director within seven days after the WCID



becomes aware of a delaying event and shall take all reasonable measures to mitigate and minimize any delay.

6. The Executive Director may grant an extension of any deadline in this Agreed Order or in any plan, report, or other document submitted pursuant to this Agreed Order, upon a written and substantiated showing of good cause. All requests for extensions by the WCID shall be made in writing to the Executive Director. Extensions are not effective until the WCID receives written approval from the Executive Director. The determination of what constitutes good cause rests solely with the Executive Director.
7. This Agreed Order, issued by the Commission, shall not be admissible against the WCID in a civil proceeding, unless the proceeding is brought by the OAG to: (1) enforce the terms of this Agreed Order; or (2) pursue violations of a statute within the Commission's jurisdiction, or of a rule adopted or an order or permit issued by the Commission under such a statute.
8. This agreement may be executed in multiple counterparts, which together shall constitute a single original instrument. Any executed signature page to this Agreement may be transmitted by facsimile transmission to the other parties, which shall constitute an original signature for all purposes.
9. Under 30 TEX. ADMIN. CODE § 70.10(b), the effective date is the date of hand-delivery of the Order to the WCID, or three days after the date on which the Commission mails notice of the Order to the WCID, whichever is earlier. The Chief Clerk shall provide a copy of this Agreed Order to each of the parties.



Orange County Water Control and Improvement District No. 1  
DOCKET NO. 2007-1101-MWD-E  
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### SIGNATURE PAGE

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

\_\_\_\_\_  
For the Commission

*John S. Miller*  
For the Executive Director

12/10/2007  
Date

I, the undersigned, have read and understand the attached Agreed Order. I am authorized to agree to the attached Agreed Order on behalf of the entity indicated below my signature, and I do agree to the terms and conditions specified therein. I further acknowledge that the TCEQ, in accepting payment for the penalty amount, is materially relying on such representation.

I also understand that failure to comply with the Ordering Provisions, if any, in this order and/or failure to timely pay the penalty amount, may result in:

- A negative impact on compliance history;
  - Greater scrutiny of any permit applications submitted;
  - Referral of this case to the Attorney General's Office for contempt, injunctive relief, additional penalties, and/or attorney fees, or to a collection agency;
  - Increased penalties in any future enforcement actions;
  - Automatic referral to the Attorney General's Office of any future enforcement actions; and
  - TCEQ seeking other relief as authorized by law.
- In addition, any falsification of any compliance documents may result in criminal prosecution.

*Charles B. Pierce*  
Signature

10/11/2007  
Date

Charles B. Pierce  
Name (Printed or typed)  
Authorized Representative of  
Orange County Water Control and Improvement District No. 1

President  
Title

Instructions: Send the original, signed Agreed Order with penalty payment to the Financial Administration Division, Revenues Section at the address in Section IV, Paragraph 1 of this Agreed Order.



Attachment A  
Docket Number: 2007-1101-MWD-E

**SUPPLEMENTAL ENVIRONMENTAL PROJECT**

**Respondent:** Orange County Water Control Improvement District No. 1  
**Payable Penalty Amount:** Three Thousand Six Hundred Dollars (\$3,600)  
**SEP Amount:** Three Thousand Six Hundred Dollars (\$3,600)  
**Type of SEP:** Pre-approved  
**Third-Party Recipient:** Texas Association of Resource Conservation and Development Areas, Inc. ("RC&D")- Wastewater Treatment Assistance  
**Location of SEP:** Orange County

The Texas Commission on Environmental Quality ("TCEQ") agrees to offset a portion of the administrative Penalty Amount assessed in this Agreed Order for the Respondent to contribute to a Supplemental Environmental Project ("SEP"). The offset is equal to the SEP Amount set forth above and is conditioned upon completion of the project in accordance with the terms of this Attachment A.

**1. Project Description**

A. Project

The Respondent shall contribute to the Third-Party Recipient pursuant to the agreement between the Third-Party Recipient and the TCEQ. Specifically, the contribution will be used to provide low income rural homeowners with assistance to enable the repair or replacement of their failing on-site wastewater systems. SEP monies will be used to pay for the labor and materials costs related to repairing or replacing the failing systems. The recipients will not be charged for the cost of replacing or repairing the failing systems

The Respondent certifies that there is no prior commitment to do this project and that it is being performed solely in an effort to settle this enforcement action.

B. Environmental Benefit

This SEP will provide a discernible environmental benefit by protecting water sources for drinking, recreation, and wildlife from contamination from failing treatment systems

C. Minimum Expenditure

The Respondent shall contribute at least the SEP Amount to the Third-Party Recipient and comply with all other provisions of this SEP.

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities.

2. It is essential to ensure that all data is entered correctly and consistently to avoid any discrepancies or errors.

3. Regular audits and reviews should be conducted to verify the accuracy and integrity of the information.

4. The use of standardized procedures and protocols is crucial for maintaining the reliability of the data.

5. It is also important to establish clear roles and responsibilities for all personnel involved in the data management process.

6. The document concludes by emphasizing the need for ongoing training and education to keep staff up-to-date on best practices.

7. Finally, it stresses the importance of maintaining a secure and protected environment for all data stored and processed.

8. The overall goal is to ensure that the organization's data is accurate, reliable, and accessible to all authorized personnel.

9. This document serves as a guide for all staff members and is intended to be read and understood by everyone.

10. It is the responsibility of all employees to adhere to these guidelines and to report any issues or concerns immediately.

11. The information provided in this document is confidential and should be handled accordingly.

12. Any questions or requests for further information should be directed to the appropriate department.

13. The document is subject to change without notice and will be updated as needed.

14. It is the policy of the organization to maintain the highest standards of data management and security.

15. The document is intended to provide a clear and concise overview of the organization's data management policies and procedures.

16. It is the responsibility of all staff members to ensure that the organization's data is protected and secure at all times.

17. The document is a key component of the organization's overall data management strategy.

18. It is essential for all staff members to understand and follow these guidelines to ensure the success of the organization's data management efforts.

19. The document is intended to be a living document that evolves with the organization's needs and technology.

20. It is the responsibility of all staff members to ensure that the organization's data is accurate, reliable, and secure at all times.

**2. Performance Schedule**

Within 30 days after the effective date of this Agreed Order, the Respondent must contribute the SEP Amount to the Third-Party Recipient. The Respondent shall mail the contribution, with a copy of the Agreed Order, to:

Texas Association of Resource Conservation and Development Areas, Inc.  
1716 Briarcrest Drive, Suite 510  
Bryan, Texas 77802-2700

**3. Records and Reporting**

Concurrent with the payment of the SEP Amount, the Respondent shall provide the TCEQ SEP Coordinator with a copy of the check and transmittal letter indicating full payment of the SEP Amount to the Third-Party Recipient. The Respondent shall mail a copy of the check and transmittal letter to:

Enforcement Division  
Attention: SEP Coordinator, MC 219  
Texas Commission on Environmental Quality  
P.O. Box 13087  
Austin, Texas 78711-3087

**4. Failure to Fully Perform**

If the Respondent does not perform its obligations under this SEP in any way, including full payment of the SEP Amount and submittal of the required reporting described in Section 3 above, the Executive Director may require immediate payment of all or part of the SEP Amount.

The check for any amount due shall be made out to "Texas Commission on Environmental Quality" and mailed to:

Texas Commission on Environmental Quality  
Financial Administration Division, Revenues  
Attention: Cashier, MC 214  
P.O. Box 13088  
Austin, Texas 78711-3088

The Respondent shall also mail a copy of the check to the TCEQ SEP Coordinator at the address in Section 3 above.

**5. Publicity**

Any public statements concerning this SEP made by or on behalf of the Respondent must include a clear statement that the project was performed as part of the settlement of an enforcement action brought by the TCEQ. Such statements include advertising, public relations, and press releases.



**6. Clean Texas Program**

The Respondent shall not include this SEP in any application made to TCEQ under the "Clean Texas" (or any successor) program(s). Similarly, the Respondent may not seek recognition for this contribution in any other state or federal regulatory program.

**7. Other SEPs by TCEQ or Other Agencies**

The SEP identified in this Agreed Order has not been, and shall not be, included as an SEP for the Respondent under any other Agreed Order negotiated with the TCEQ or any other agency of the state or federal government.

