

EXECUTIVE SUMMARY - ENFORCEMENT MATTER
DOCKET NO.: 2006-2228-IWD-E **TCEQ ID:** RN102586088 **CASE NO.:** 32003
RESPONDENT NAME: Weatherford U.S., L.P.

ORDER TYPE:		
<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	

CASE TYPE:		
<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

SITE WHERE VIOLATION(S) OCCURRED: Weatherford U.S., L.P., approximately 0.75 mile west of U.S. Highway 290 and two miles east of Eldridge Road on Spencer Road, Houston, Harris County

TYPE OF OPERATION: Research, development, and oilfield equipment testing

SMALL BUSINESS: Yes No

OTHER SIGNIFICANT MATTERS: No complaints were received. There is no record of additional pending enforcement actions regarding this facility location.

INTERESTED PARTIES: No one other than the ED and the Respondent has expressed an interest in this matter.

COMMENTS RECEIVED: The *Texas Register* comment period expired on May 14, 2007. No comments were received.

CONTACTS AND MAILING LIST:

TCEQ Attorney/SEP Coordinator: None

TCEQ Enforcement Coordinator: Mr. Samuel Short, Enforcement Division, Enforcement Team 3, MC 149, (512) 239-5363; Mr. Steven Lopez, Enforcement Division, MC 219, (512) 239-1896

Respondent: Mr. Scott Robinson, Vice President QHSSE, Weatherford U.S., L.P., P.O. Box 27608, Houston, Texas 77227-7608
 Mr. Patrick Ford, Environmental Project Manager, Weatherford U.S., L.P., 515 Post Oak Boulevard, Suite 600, Houston, Texas 77027

Respondent's Attorney: Not represented by counsel on this enforcement matter

VIOLATION SUMMARY CHART:

VIOLATION INFORMATION	PENALTY CONSIDERATIONS	CORRECTIVE ACTIONS TAKEN/REQUIRED
<p>Type of Investigation: <input type="checkbox"/> Complaint <input type="checkbox"/> Routine <input type="checkbox"/> Enforcement Follow-up <input checked="" type="checkbox"/> Records Review</p> <p>Date of Complaint Relating to this Case: None</p> <p>Date of Investigation Relating to this Case: November 8, 2006</p> <p>Date of NOE Relating to this Case: December 4, 2006 (NOE)</p> <p>Background Facts: This was a routine record review. One violation was documented.</p> <p>WATER</p> <p>Failed to comply with the permitted effluent limits [TEX. WATER CODE § 26.121(a), 30 TEX. ADMIN. CODE § 305.125(1), and TPDES Permit No. WQ0004760000, Effluent Limitations and Monitoring Requirement for Outfall 001A Nos. 1 and 3, and for Outfall 002A Nos. 1 and 2].</p>	<p>Total Assessed: \$8,800</p> <p>Total Deferred: \$1,760 <input checked="" type="checkbox"/> Expedited Settlement <input type="checkbox"/> Financial Inability to Pay</p> <p>SEP Conditional Offset: \$0</p> <p>Total Paid to General Revenue: \$7,040</p> <p>Site Compliance History Classification <input type="checkbox"/> High <input checked="" type="checkbox"/> Average <input type="checkbox"/> Poor</p> <p>Person Compliance History Classification <input type="checkbox"/> High <input checked="" type="checkbox"/> Average <input type="checkbox"/> Poor</p> <p>Major Source: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Applicable Penalty Policy: September 2002</p>	<p>Corrective Actions Taken:</p> <p>The Executive Director recognizes that Weatherford plugged the line containing liquid wastes that was causing the upsets on July 11, 2006 and returned to compliance with their permitted effluent limits on September 30, 2006.</p>



Penalty Calculation Worksheet (PCW)

Policy Revision 2 (September 2002)

PCW Revision December 8, 2006

DATES	Assigned	11-Dec-2006		
	PCW	20-Dec-2006	Screening	18-Dec-2006
			EPA Due	

RESPONDENT/FACILITY INFORMATION	
Respondent	Weatherford U.S., L.P.
Reg. Ent. Ref. No.	RN102586088
Facility/Site Region	12-Houston
Major/Minor Source	Minor

CASE INFORMATION				
Enf./Case ID No.	32003	No. of Violations	1	
Docket No.	2006-2228-IWD-E	Order Type	1660	
Media Program(s)	Water Quality	Enf. Coordinator	Samuel Short	
Multi-Media		EC's Team	Enforcement Team 4	
Admin. Penalty \$	Limit Minimum	\$0	Maximum	\$10,000

Penalty Calculation Section

TOTAL BASE PENALTY (Sum of violation base penalties) *Subtotal 1*

ADJUSTMENTS (+/-) TO SUBTOTAL 1

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

Compliance History 165% Enhancement *Subtotals 2, 3, & 7*

Notes: A 165% enhancement is recommended for having 26 NOV's for self-reported effluent data, three NOV's for the same or similar violations, and one Agreed Order with denial within the last five years.

Culpability No 0% Enhancement *Subtotal 4*

Notes: The Respondent does not meet the culpability criteria.

Good Faith Effort to Comply 25% Reduction *Subtotal 5*

	Before NOV	NOV to EDRP/Settlement Offer
Extraordinary		
Ordinary	X	
N/A		(mark with x)

Notes: The respondent came into compliance by plugging the line containing liquid wastes that was causing the upsets on July 11, 2006 and returned into compliance with their permitted effluent limits on September 30, 2006.

Total EB Amounts \$92 0% Enhancement* *Subtotal 6*
 Approx. Cost of Compliance \$2,000 *Capped at the Total EB \$ Amount

SUM OF SUBTOTALS 1-7 *Final Subtotal*

OTHER FACTORS AS JUSTICE MAY REQUIRE -8% *Adjustment*

Reduces or enhances the Final Subtotal by the indicated percentage. (Enter number only; e.g. -30 for -30%.)

Notes: Recommended reduction in the penalty so that monthly self reported effluent violations do not overly-impact the penalty amount and to prevent double-enhancement of the penalty amount for same violations that were not self-reported.

Final Penalty Amount

STATUTORY LIMIT ADJUSTMENT *Final Assessed Penalty*

DEFERRAL 20% Reduction *Adjustment*

Reduces the Final Assessed Penalty by the indicated percentage. (Enter number only; e.g. 20 for 20% reduction.)

Notes: Deferral offered for expedited settlement.

PAYABLE PENALTY

Screening Date 18-Dec-2006

Docket No. 2006-2228-IWD-E

PCW

Respondent Weatherford U.S., L.P.

Policy Revision 2 (September 2002)

Case ID No. 32003

PCW Revision December 8, 2006

Reg. Ent. Reference No. RN102586088

Media [Statute] Water Quality

Enf. Coordinator Samuel Short

Compliance History Worksheet

>> Compliance History Site Enhancement (Subtotal 2)

Component	Number of...	Enter Number Here	Adjust.
NOVs	Written NOV's with same or similar violations as those in the current enforcement action (number of NOV's meeting criteria)	29	145%
	Other written NOV's	0	0%
Orders	Any agreed final enforcement orders containing a denial of liability (number of orders meeting criteria)	1	20%
	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 judgments 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%

Please Enter Yes or No

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) 165%

>> 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

A 165% enhancement is recommended for having 26 NOV's for self-reported effluent data, three NOV's for the same or similar violations, and one Agreed Order with denial within the last five years.

Total Adjustment Percentage (Subtotals 2, 3, & 7) 165%

Screening Date 18-Dec-2006

Docket No. 2006-2228-IWD-E

PCW

Respondent Weatherford U.S., L.P.

Policy Revision 2 (September 2002)

Case ID No. 32003

PCW Revision December 8, 2006

Reg. Ent. Reference No. RN102586088

Media [Statute] Water Quality

Enf. Coordinator Samuel Short

Violation Number 1

Rule Cite(s) Tex. Water Code § 26.121(a), 30 Tex. Admin. Code § 305.125(1), and TPDES Permit No. WQ0004760000, Effluent Limitations and Monitoring Requirement for Outfall 001A Nos. 1 and 3, and for Outfall 002A Nos. 1 and 2

Violation Description Failed to comply with the permitted effluent limits as documented during a record review conducted on November 8, 2006. See attached table.

Base Penalty \$10,000

>> Environmental, Property and Human Health Matrix

Release	Harm			Percent
	Major	Moderate	Minor	
Actual			X	10%
Potential				

>> Programmatic Matrix

Falsification	Major	Moderate	Minor	Percent
				0%

Matrix Notes

A simplified model was used to evaluate ammonia nitrogen ("NH3-N") to determine whether the discharged amounts of pollutants exceeded levels protective of human health or the environment. Daily average flow, Total Suspended Solids ("TSS"), Chlorine residual, pH, Oil and Grease, and carbonaceous biochemical oxygen demand ("CBOD") 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 as a result of the violation.

Adjustment \$9,000

\$1,000

Violation Events

Number of Violation Events 4 Number of violation days 242

daily	
monthly	
quarterly	X
semiannual	
annual	
single event	

mark only one with an x

Violation Base Penalty \$4,000

Four quarterly events are recommended (three events for outfall 001 and one for outfall 002).

Economic Benefit (EB) for this violation

Statutory Limit Test

Estimated EB Amount \$92

Violation Final Penalty Total \$8,800

This violation Final Assessed Penalty (adjusted for limits) \$8,800

Economic Benefit Worksheet

Respondent Weatherford U.S., L.P.
Case ID No. 32003
Reg. Ent. Reference No. RN102586088
Media Water Quality
Violation No. 1

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
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				0.0	\$0	\$0	\$0
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)	\$2,000	31-Oct-2005	30-Sep-2006	0.9	\$92	n/a	\$92

Notes for DELAYED costs

The estimated cost for additional oversight and sampling which could have reduced or alleviated the exceedances. Date required is the date the noncompliance started and the final date is the date that the respondent returned to compliance with their permitted effluent limits.

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	\$2,000	TOTAL	\$92
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Effluent Violation Table
Weatherford U.S., L.P.
TPDES Permit No. WQ0004760000
Docket No. 2006-2228-IWD-E

Permitted Effluent Limits Outfall 001A	Monitoring Period End Date								Permitted Effluent Limits Outfall 002A	Monitoring Period End Date		
	10/31/05	11/30/05	12/31/05	02/28/06	03/31/06	04/30/06	05/31/06	06/30/06		03/31/06	04/30/06	05/31/06
pH Min 6.0 Su	C	C	C	C	C	4.05	3.7	C	TSS Daily Avg. 30 mg/L (conc.)	63.5	C	350
TSS Daily Avg. 1.4 lbs/dy (loading)	C	C	C	2.475	C	3.29	C	C	TSS Daily Max 65 mg/L (conc.)	110	C	554
TSS Daily Max 3.6 lbs/dy (loading)	C	C	C	7.182	C	6.085	4.17	C	Oil & Grease Daily Avg. 15 mg/L	C	55.75	43
TSS Daily Avg. 15 mg/L (conc.)	19.6	28.75	18.75	50.40	C	77.5	28.286	31.8	Oil & Grease Daily Max 20 mg/L	C	78.4	74
TSS Daily Max 40 mg/L (conc.)	C	48	C	121	C	114	50	57	Cl Residual Min. 1.0 mg/L	0.0	0.0	0.0
NH3-N Daily Avg. 0.18 lbs/dy (loading)	C	0.19	0.732	C	C	C	C	C				
NH3-N Daily Max 0.90 lbs/dy (loading)	C	C	3.888	C	C	C	C	C				
NH3-N Daily Avg. 2 mg/L (conc.)	C	5.233	21.917	3.267	4.326	3.325	C	C				
NH3-N Daily Max 10 mg/L (conc.)	C	10.7	71.7	13	20.4	C	C	C				

TSS = Total Suspended Solids	NH3-N = Ammonia Nitrogen	Cl = Chlorine
Su- Standard Unit	lbs/dy = Pounds per day	mg/L = Milligrams per liter
Min. = Minimum	Max. = Maximum	conc. = concentration
C = Compliant		

THE UNIVERSITY OF CHICAGO
DEPARTMENT OF CHEMISTRY
RESEARCH REPORT

The following text is extremely faint and illegible due to low contrast and high noise. It appears to be a multi-paragraph document, possibly a research report or a set of lecture notes. The text is arranged in several columns across the page.

CHICAGO, ILLINOIS
MAY 1964

Compliance History

Customer/Respondent/Owner-Operator: CN600288302 Weatherford U.S., L.P. Classification: AVERAGE Rating: 2.80
 Regulated Entity: RN102586088 WEATHERFORD US LP Classification: AVERAGE Site Rating: 2.38

ID Number(s): INDUSTRIAL AND HAZARDOUS WASTE GENERATION EPA ID TXD102692241
 INDUSTRIAL AND HAZARDOUS WASTE GENERATION SOLID WASTE REGISTRATION # (SWR) 38164
 INDUSTRIAL AND HAZARDOUS WASTE GENERATION EPA ID TXR000027722
 INDUSTRIAL AND HAZARDOUS WASTE GENERATION SOLID WASTE REGISTRATION # (SWR) 85668
 PUBLIC WATER SYSTEM/SUPPLY REGISTRATION 1011850
 WASTEWATER PERMIT TX0089940000
 WASTEWATER PERMIT WQ0014070001
 WASTEWATER PERMIT WQ14070001
 WASTEWATER PERMIT WQ0014070001
 WASTEWATER PERMIT WQ0004760000
 WASTEWATER PERMIT TX0089940
 STORMWATER PERMIT TXR05Q048

Location: APPROXIMATELY 0.75 MILES WEST OF U.S. HIGHWAY 290 AND TWO MILES EAST OF ELDRIDGE ROAD ON SPENCER ROAD IN HOUSTON, HARRIS COUNTY, TEXAS Rating Date: September 01 06 Repeat Violator: NO

TCEQ Region: REGION 12 - HOUSTON

Date Compliance History Prepared: January 09, 2007

Agency Decision Requiring Compliance History: Enforcement

Compliance Period: January 09, 2002 to January 09, 2007

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

Name: Samuel Short Phone: (512) 239-5363

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? N/A
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 judgments, and consent decrees of the state of Texas and the federal government.

Effective Date: 08/20/2006 ADMINORDER 2006-0426-WQ-E
 Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
 40 CFR Chapter 122, SubChapter D, PT 122, SubPT B 122.26[G]

Rqmt Prov: TPDES MSGP Part II, Sec. D., Nos. 1 & 2 PERMIT
 Description: Failure to conduct the annual storm water discharge sampling for hazardous metals for 2005.

- 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 11/26/2002 (212224)
- 2 07/12/2002 (139379)
- 3 12/27/2002 (212227)
- 4 01/27/2003 (212229)
- 5 12/05/2006 (518864)
- 6 01/28/2005 (344710)
- 7 02/10/2005 (425066)
- 8 03/15/2005 (425067)
- 9 04/15/2005 (425068)
- 10 05/16/2005 (425069)
- 11 08/30/2002 (259473)
- 12 05/05/2006 (464910)
- 13 12/31/2003 (255696)
- 14 07/13/2006 (479783)
- 15 07/13/2005 (445696)
- 16 05/17/2004 (361732)

17 08/09/2005 (445697)
 18 06/09/2004 (361733)
 19 07/26/2004 (361734)
 20 02/05/2004 (254211)
 21 08/26/2004 (361735)
 22 10/18/2004 (361736)
 23 02/20/2004 (318175)
 24 03/24/2004 (318176)
 25 04/28/2004 (318177)
 26 03/03/2005 (372949)
 27 05/27/2003 (318178)
 28 04/21/2006 (504063)
 29 06/24/2003 (318179)
 30 05/17/2006 (504064)
 31 07/23/2003 (318180)
 32 06/19/2006 (504065)
 33 08/22/2003 (318181)
 34 12/05/2003 (251723)
 35 09/25/2003 (318182)
 36 07/15/2006 (504066)
 37 12/17/2003 (257055)
 38 10/23/2003 (318183)
 39 11/12/2003 (318184)
 40 12/19/2003 (318185)
 41 01/22/2004 (318186)
 42 02/19/2002 (212199)
 43 02/24/2003 (212200)
 44 03/27/2002 (212202)
 45 08/13/2006 (526429)
 46 03/25/2003 (212203)
 47 04/24/2002 (212205)
 48 09/19/2006 (526430)
 49 04/07/2003 (212206)
 50 10/13/2006 (526431)
 51 05/13/2002 (212208)
 52 03/27/2006 (454507)
 53 06/24/2002 (212210)
 54 04/07/2006 (454857)
 55 02/27/2006 (477478)
 56 03/22/2006 (477479)
 57 07/29/2002 (212213)
 58 11/29/2004 (387310)
 59 10/05/2005 (477480)
 60 12/13/2004 (387311)
 61 10/24/2005 (477481)
 62 01/24/2005 (387312)
 63 08/28/2002 (212215)
 64 12/07/2005 (477482)
 65 12/27/2005 (477483)
 66 09/24/2002 (212218)
 67 01/27/2006 (477484)
 68 10/08/2002 (212221)

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

Date: 01/27/2005 (344710)

Self Report? NO

Classification: Major

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

Description: Failure to comply with the daily average permit limits for Ammonia Nitrogen, Dissolved Oxygen, and Total Suspended Solids.

Date: 04/07/2006 (454857)

Self Report? NO

Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

Description: Failure to maintain compliance with the permitted effluent limitations.

Date: 02/28/2005 (425067)

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: 12/31/2003 (255696)

Self Report? NO

Classification: Moderate

Rqmt Prov: PERMIT IA

Description: Failure to conduct quarterly site inspections in January to March 2002, April to June 2002, July to September 2002, and October to December 2002.

Self Report? NO

Classification: Moderate

Rqmt Prov: PERMIT IA

Description: Failure to conduct quarterly visual monitoring in January to March 2002, April to June

2002, July to September 2002, October to December 2002, January to March 2003, and April to June 2003, and July to September 2003.

Self Report? NO Classification: Moderate
Rqmt Prov: PERMIT IA
Description: Failure to conduct the annual comprehensive site evaluation in 2002.

Self Report? NO Classification: Moderate
Rqmt Prov: PERMIT IA
Description: Failure to conduct the annual hazardous metals monitoring in 2002.

Self Report? NO Classification: Major
Citation: TWC Chapter 26 26.121(a)(1)
Description: Failure to prevent the unauthorized discharge of process wastewater.
Date: 04/30/2005 (425069)

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: 04/30/2004 (361732)

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: 06/30/2004 (361734)

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: 07/31/2004 (361735)

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: 07/31/2005 (445697)

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: 01/31/2004 (318175)

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: 02/29/2004 (318176)

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: 03/31/2006 (504063)

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: 05/31/2003 (318179)

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: 04/30/2006 (504064)

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: 06/30/2003 (318180)

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: 05/31/2006 (504065)
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: 08/31/2003 (318182)
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: 06/30/2006 (504066)
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: 09/30/2003 (318183)
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: 10/31/2003 (318184)
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: 12/31/2003 (318186)
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: 07/31/2006 (526429)
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: 08/31/2006 (526430)
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: 05/31/2002 (212210)
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: 02/28/2006 (477479)
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: 07/31/2002 (212215)
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: 10/31/2005 (477482)
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: 11/30/2005 (477483)
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 (477484)
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

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

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
WEATHERFORD U.S., L.P.
RN102586088**

§ **BEFORE THE**
§
§ **TEXAS COMMISSION ON**
§
§ **ENVIRONMENTAL QUALITY**

**AGREED ORDER
DOCKET NO. 2006-2228-IWD-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 Weatherford U.S., L.P. ("Weatherford") under the authority of TEX. WATER CODE chs. 7 and 26. The Executive Director of the TCEQ, through the Enforcement Division, and Weatherford appear before the Commission and together stipulate that:

1. Weatherford owns and operates a research, development, and oilfield equipment testing facility located approximately 0.75 mile west of U.S. Highway 290 and two miles east of Eldridge Road on Spencer Road in Houston, Harris County, Texas (the "Facility").
2. Weatherford has discharged industrial waste into or adjacent to any water in the state under TEX. WATER CODE ch. 26.
3. The Commission and Weatherford agree that the Commission has jurisdiction to enter this Agreed Order, and that Weatherford is subject to the Commission's jurisdiction.
4. Weatherford received notice of the violations alleged in Section II ("Allegations") on or about December 9, 2006.
5. The occurrence of any violation is in dispute and the entry of this Agreed Order shall not constitute an admission by Weatherford of any violation alleged in Section II ("Allegations"), nor of any statute or rule.
6. An administrative penalty in the amount of Eight Thousand Eight Hundred Dollars (\$8,800) is assessed by the Commission in settlement of the violations alleged in Section II ("Allegations"). Weatherford has paid Seven Thousand Forty Dollars (\$7,040) of the administrative penalty and

One Thousand Seven Hundred Sixty Dollars (\$1,760) is deferred contingent upon Weatherford'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 Weatherford fails to timely and satisfactorily comply with all requirements of this Agreed Order, the Executive Director may require Weatherford to pay all or part of the deferred penalty.

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 Weatherford have agreed on a settlement of the matters alleged in this enforcement action, subject to the approval of the Commission.
9. The Executive Director recognizes that Weatherford plugged the line containing liquid wastes that was causing the upsets on July 11, 2006 and returned to compliance with their permitted effluent limits on September 30, 2006.
10. 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 Weatherford has not complied with one or more of the terms or conditions in this Agreed Order.
11. 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.
12. 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, Weatherford is alleged to have failed to comply with the permitted effluent limits, in violation of TEX. WATER CODE § 26.121(a), 30 TEX. ADMIN. CODE § 305.125(1), and TPDES Permit No. WQ0004760000, Effluent Limitations and Monitoring Requirement for Outfall 001A Nos. 1 and 3, and for Outfall 002A Nos. 1 and 2, as documented during a record review conducted on November 8, 2006, as depicted in the table below.

Effluent Violation Table												
Permitted Effluent Limits Outfall 001A	Monitoring Period End Date								Permitted Effluent Limits Outfall 002A	Monitoring Period End Date		
	10/31/05	11/30/05	12/31/05	02/28/06	03/31/06	04/30/06	05/31/06	06/30/06		03/31/06	04/30/06	05/31/06
pH Min 6.0 Su	C	C	C	C	C	4.05	3.7	C	TSS Daily Avg. 30 mg/L (conc.)	63.5	C	350
TSS Daily Avg. 1.4 lbs/dy (loading)	C	C	C	2.475	C	3.29	C	C	TSS Daily Max 65 mg/L (conc.)	110	C	554
TSS Daily Max 3.6 lbs/dy (loading)	C	C	C	7.182	C	6.085	4.17	C	Oil & Grease Daily Avg. 15 mg/L	C	55.75	43
TSS Daily Avg. 15 mg/L (conc.)	19.6	28.75	18.75	50.40	C	77.5	28.286	31.8	Oil & Grease Daily Max 20 mg/L	C	78.4	74
TSS Daily Max 40 mg/L (conc.)	C	48	C	121	C	114	50	57	Cl Residual Min. 1.0 mg/L	0.0	0.0	0.0
NH3-N Daily Avg. 0.18 lbs/dy (loading)	C	0.19	0.732	C	C	C	C	C				
NH3-N Daily Max 0.90 lbs/dy (loading)	C	C	3.888	C	C	C	C	C				
NH3-N Daily Avg. 2 mg/L (conc.)	C	5.233	21.917	3.267	4.326	3.325	C	C				
NH3-N Daily Max 10 mg/L (conc.)	C	10.7	71.7	13	20.4	C	C	C				

TSS = Total Suspended Solids	NH3-N = Ammonia Nitrogen	Cl = Chlorine
Su- Standard Unit	lbs/dy = Pounds per day	mg/L = Milligrams per liter
Min. = Minimum	Max. = Maximum	conc. = concentration
C = Compliant		

III. DENIALS

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

IV. ORDERING PROVISIONS

1. It is, therefore, ordered by the TCEQ that Weatherford pay an administrative penalty as set forth in Section I, Paragraph 6 above. The payment of this administrative penalty and Weatherford'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: Weatherford U.S., L.P., Docket No. 2006-2228-IWD-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
2. The provisions of this Agreed Order shall apply to and be binding upon Weatherford. Weatherford 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.
3. This Agreed Order, issued by the Commission, shall not be admissible against Weatherford 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.
4. 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.
5. Under 30 TEX. ADMIN. CODE § 70.10(b), the effective date is the date of hand-delivery of the Order to Weatherford, or three days after the date on which the Commission mails notice of the Order to Weatherford, whichever is earlier. The Chief Clerk shall provide a copy of this Agreed Order to each of the parties.

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SIGNATURE PAGE

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

For the Commission



For the Executive Director

7/11/07

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

- A negative impact on my compliance history;
- Greater scrutiny of any permit applications submitted by me;
- 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 against me;
- Automatic referral to the Attorney General's Office of any future enforcement actions against me;
- and
- TCEQ seeking other relief as authorized by law.

In addition, any falsification of any compliance documents may result in criminal prosecution.



Signature

3/8/2007

Date

SCOTT ROBINSON

Name (Printed or typed)
Authorized Representative of
Weatherford U.S., L.P.

VP QMSSE

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.

1. Introduction

The purpose of this document is to provide a detailed overview of the project's objectives and scope.

1.1. Objectives

The primary objective of this project is to develop a comprehensive system that meets the needs of the organization. This includes identifying key requirements, conducting thorough research, and implementing a solution that is both effective and efficient.

The secondary objective is to ensure that the system is scalable and can accommodate future growth. This involves designing a flexible architecture that can be easily modified as the organization's needs evolve.

1.2. Scope

The scope of this project is limited to the development and deployment of the core system. It does not include the design of user interfaces or the integration of external systems. The project will focus on the core functionality and data management aspects of the system.

The project will be completed by the end of the fiscal year.

The project budget is estimated to be \$1,000,000.



1.3. Summary

This document provides a clear and concise overview of the project's goals and objectives. It serves as a guide for the project team and stakeholders, ensuring that everyone is aligned on the project's purpose and scope.

The project team is committed to delivering a high-quality solution that meets the organization's needs and exceeds expectations.