SFUND RECORDS CTR
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yclable and made from recycled paper.

APPENDIX A

FIELD DATA SHEETS

A.1 RCRA SUBTITLE C-EQUIVALENT COVER AND SUBTITLE D-EQUIVALENT COVER O&M INSPECTION SHEETS
A.2 RESERVOIR GAS COLLECTION SYSTEM MONITORING AND INSPECTION DATA SHEETS
A.3 O&M PARCEL INSPECTION SHEETS
A.4 SENTINEL BIOVENT WELL O&M INSPECTION SHEETS
A.5 GROUND WATER WELL MONITORING AND INSPECTION DATA SHEETS
A.6 VAPOR WELL MONITORING AND INSPECTION DATA SHEETS
A.7 STORMWATER DRAINAGE SYSTEM O&M INSPECTION SHEET
A.8 LEACHATE COLLECTION WELL MONITORING AND INSPECTION DATA SHEETS
A.9 SITE SECURITY INSPECTION SHEETS
A.10 LANDSCAPE AND VEGETATION MAINTENANCE INSPECTION SHEETS
A.11 SUMMA CANISTER LABORATORY QUALITY CONTROL DATA SHEETS
A.12 IN-BUSINESS AIR AND AMBIENT AIR MONITORING DATA SHEETS

APPENDIX A.1

RCRA SUBTITLE C-EQUIVALENT COVER AND SUBTITLE D-EQUIVALENT COVER O&M INSPECTION SHEETS

APPENDIX B.1

RCRA SUBTITLE C-EQUIVALENT CAP
O&M INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

INSPECTORS NAME	INSPECTORS SIGNATURE	INSPECTION TIME	INSPECTION DATE
STEVEN CRAWFORD	Steven Crawford	1425	1-25-07

ITEM OF POTENTIAL CONCERN	COMMENTS	CHECK (√) WHEN INSPECTED
Erosion	NONE OBSERVED.	✓
Settling	NONE OBSERVED.	✓
Cracks	NONE OBSERVED.	✓

APPENDIX B.1

RCRA SUBTITLE C-EQUIVALENT CAP
O&M INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE
(Continued)

ITEM OF POTENTIAL CONCERN	COMMENTS	CHECK (√) WHEN INSPECTED
Vegetation Growth	DEAD GRASS AND WEEDS.	✓
Weed Growth	NO WEED GROWTH AT TIME OF INSPECTION.	✓
Animal burrows	NONE OBSERVED.	✓

APPENDIX B.1

RCRA SUBTITLE C-EQUIVALENT CAP
O&M INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE
(Continued)

ITEM OF POTENTIAL CONCERN	COMMENTS	CHECK (√) WHEN INSPECTED
Vectors (Mosquitoes, rats, mice)	NONE OBSERVED.	✓
Anchor Trench (Blockage, liquid flow)	NONE OBSERVED.	✓
Road Condition	OK.	✓
Other:		

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APPENDIX B.2

RCRA SUBTITLE D-EQUIVALENT CAP
O&M INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

INSPECTORS NAME	INSPECTORS SIGNATURE	INSPECTION TIME	INSPECTION DATE
STEVEN CRAWFORD	Steven Crawford	1130	1-25-07

ITEM OF POTENTIAL CONCERN	COMMENTS	CHECK (√) WHEN INSPECTED
Erosion	NONE OBSERVED.	✓
Settling	NONE OBSERVED.	✓
Cracks	NONE OBSERVED.	✓
Damage/ Penetrations	NONE OBSERVED.	✓
Weed Growth	NO WEED GROWTH AT TIME OF INSPECTION.	✓

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APPENDIX B.2

RCRA SUBTITLE D-EQUIVALENT CAP
O&M INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE
(Continued)

ITEM OF POTENTIAL CONCERN	COMMENTS	CHECK (√) WHEN INSPECTED
Animal burrows	NONE OBSERVED.	✓
Vectors (Mosquitoes, rats, mice)	NONE OBSERVED.	✓
Other:		
Other:		
Other:		

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APPENDIX A.2

RESERVOIR GAS COLLECTION SYSTEM MONITORING AND INSPECTION DATA SHEETS

APPENDIX B.15

RESERVOIR GAS COLLECTION AND TREATMENT SYSTEM MONITORING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

TECHNICIAN: STEVEN CRAWFORD

LFG INSTRUMENT – MODEL NO.: GA-90
LFG INSTRUMENT – SERIAL NO.: G 1556

PID/FID INSTRUMENT – MODEL NO.: TVA-1000B-81040
PID/FID INSTRUMENT – SERIAL NO.: 0418206857

AMBIENT AIR TEMPERATURE @ START: 65.7 °F AMBIENT BAROMETRIC PRESSURE @ START: 30.07 in. Hg

AMBIENT AIR TEMPERATURE @ END: 65.1 °F AMBIENT BAROMETRIC PRESSURE @ END: 30.07 in. Hg

WEATHER: SUNNY

DATE	TIME	IN-LINE SYSTEM PRESSURE AT BLOWER OUTLET (in. H_2O)	IN-LINE SYSTEM TEMPERATURE AT BLOWER OUTLET (°F)	PITOT TUBE DIFFERENTIAL PRESSURE (in. H_2O)	FLOW VELOCITY AT BLOWER OUTLET (ft/min)(1)	FLOW RATE AT BLOWER OUTLET (ACFM)(2)	FIELD INSTRUMENT GAS READINGS AT BLOWER OUTLET(3)				FIELD INSTRUMENT GAS READINGS AT CARBON VESSEL OUTLET(3)				SUMMA CANISTER DATA(4)								CARBON CANISTER CHANGE-OUT (Yes/No)	COMMENTS
															INLET CANISTER				OUTLET CANISTER					
							CH_4 (%)	CO_2 (%)	O_2 (%)	VOCs (ppmv)	CH_4 (%)	CO_2 (%)	O_2 (%)	VOCs (ppmv)	Sample Start Time	Initial Pressure (in. Hg)	Sample Stop Time	Final Pressure (in. Hg)	Sample Start Time	Initial Pressure (in. Hg)	Sample Stop Time	Final Pressure (in. Hg)		
4-23-07	1838	2.2	70°	PITOT TUBE ON ORDER.			0%	2.0%	15.0%	147	0%	2.1%	15.0%	162					1838	29.6	1908	6.9	NO	
4-23-07	1912	2.2	70°	"			0%	2.0%	15.0%	143	0%	2.0%	15.0%	163	1912	29.6	1942	5.7					NO	

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(1) Flow Velocity is calculated using Dwyer "velocity" calculator.
(2) Flow Rate calculated based on flow velocity and 4-inch diameter pipe.
(3) CH_4, CO_2, and O_2 to be sampled using LFG Instrument (Landtec GEM 2000 or equivalent). TGNMO (VOCs) to be field analyzed by the PID/FID (Foxboro TVA 1000 or equivalent).
(4) Summa samples to be analyzed by EPA Method TO-15 (VOCs) and SCAQMD Method 25.1 (TGNMO (VOCs), CH_4, CO_2 and O_2).

LFG = Landfill Gas
PID = Photoinization Detector
FID = Flameionization Detector

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Customer-Focused Solutions

RESERVOIR GAS COLLECTION SYSTEM
O&M INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

INSPECTORS NAME	INSPECTORS SIGNATURE	INSPECTION TIME	INSPECTION DATE
STEVEN CRAWFORD	Steven Crawford	1723	4-23-07

SYSTEM STATUS UPON ARRIVAL	On: ✓	Off:	SYSTEM STATUS UPON DEPARTURE	On: ✓	Off:

ITEMS TO INSPECT	COMMENTS	CHECK (√) WHEN INSPECTED
Gate	OK	✓
Lock	YES	✓
Fence	OK	✓
Record Electrical Meter Reading	3863	✓
Electrical Controls	OK	✓

RESERVOIR GAS COLLECTION SYSTEM
O&M INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE
(Continued)

ITEMS TO INSPECT	COMMENTS	CHECK (√) WHEN INSPECTED
Auto-Dialer	OK.	✓
Vent Stack	OK.	✓
Knockout Pot – Check level and drain as necessary	DRAINED	✓
Check integrity of all hoses, fittings, piping	OK.	✓
Measure Blower Running Amperage	2.1	✓
Check Carbon Canisters	OK.	✓

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DAILY FIELD REPORT

OB NAME: WDI	PROJECT NUMBER: 29-0316-01	DAY: MONDAY
..ION: GREENLEAF / LOS NIETOS	WEATHER: SUNNY	DATE: 4-23-07
:ONTRACTOR: TRC	FOREMAN: TOM DEEN	
	SAMPLE COLLECTION OF THE GAS COLLECTION SYSTEM.	
IELD TECHNICIAN: STEVE CRAWFORD	INSPECTION/TESTING OF:	

:UMMARY OF OPERATIONS: ARRIVED ON-SITE AT 1630. RECORDED READINGS FOR CH4 AND VOC'S. SETUP SUMMA CANISTER AT INLET @ 1838. STOPPED SAMPLE @ 1908. SETUP SUMMA CANISTER AT OUTLET @ 1912. STOPPED SAMPLE @ 1942. TRIED TO INSTALL PITOT TUBE, BUT DID NOT HAVE COMPRESSION FITTING. PART ON ORDER FOR NEXT VISIT. OUT AT 2000.

Calibration Certificate

CERTIFICATE NUMBER: **31815**

ASSET NUMBER:	**R3388**
ASSET DESCRIPTION:	**LANDTEC GA90 LANDFILL GAS MONI**
MANUFACTURER:	**LANTEC**
SERIAL NUMBER:	**G1556**
CALIBRATION DATE:	**06 Apr 2007**
CALIBRATION DUE:	**Refer to manufacturers instructions.**
CALIBRATION PROCEDURE:	**4.161 Specialty Instruments**
ACCURACY OF UNIT:	**Manufacturers Specifications**
WORKSHOP TEMPERATURE:	**23 *Degrees C***
HUMIDITY:	**40 %**
CALIBRATION ENGINEER:	**VICTOR VEGA**
RESULTS FORM:	**Ref Workshop Manual**

Page 1 of 2

Measurement Equipment	Calibration Reference
50%CH4, 35% CO2, 15% N2	MAE-399-1

The measurement equipment used during the calibration procedure is traceable to National Standards.
Details on any limitations to the use of the equipment:

Calibration Engineer: VICTOR VEGA

Calibration Certificate

CERTIFICATE NUMBER: **31895**

ASSET NUMBER:	**R6245**
ASSET DESCRIPTION:	**FOXBORO TVA1000B PID/FID**
MANUFACTURER:	**QUEST**
SERIAL NUMBER:	**0418206857**
CALIBRATION DATE:	**09 Apr 2007**
CALIBRATION DUE:	**Refer to manufacturers instructions.**
CALIBRATION PROCEDURE:	**4.155 Hazardous Waste Investigation**
ACCURACY OF UNIT:	**Manufacturers Specifications**
WORKSHOP TEMPERATURE:	**23** ***Degrees C***
HUMIDITY:	**40 %**
CALIBRATION ENGINEER:	**VICTOR VEGA**
RESULTS FORM:	**Ref Workshop Manual**

Page 1 of 2

Measurement Equipment	Calibration Reference
ISOBUTYLENE 100 PPM	103L-248
100 ppm Methane / Air	DAF-150A-1
ZERO AIR 20.9%	HAF-1-10

The measurement equipment used during the calibration procedure is traceable to National Standards.
Details on any limitations to the use of the equipment:

Calibration Engineer: VICTOR VEGA

APPENDIX B.15

RESERVOIR GAS COLLECTION AND TREATMENT SYSTEM MONITORING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

TECHNICIAN: STEVEN CRAWFORD

LFG INSTRUMENT – MODEL NO.: GA-90

LFG INSTRUMENT – SERIAL NO.: G1549

PID/FID INSTRUMENT – MODEL NO.: TVA-1000B

PID/FID INSTRUMENT – SERIAL NO.: 67209599

AMBIENT AIR TEMPERATURE @ START: 76.2 °F AMBIENT BAROMETRIC PRESSURE @ START: 29.95 in. Hg

AMBIENT AIR TEMPERATURE @ END: 75.8 °F AMBIENT BAROMETRIC PRESSURE @ END: 29.95 in. Hg

WEATHER: SUNNY

DATE	TIME	IN-LINE SYSTEM PRESSURE AT BLOWER OUTLET (in. H_2O)	IN-LINE SYSTEM TEMPERATURE AT BLOWER OUTLET (°F)	PITOT TUBE DIFFERENTIAL PRESSURE (in. H_2O)	FLOW VELOCITY AT BLOWER OUTLET (ft/min)(1)	FLOW RATE AT BLOWER OUTLET (ACFM)(2)	FIELD INSTRUMENT GAS READINGS AT BLOWER OUTLET(3)				FIELD INSTRUMENT GAS READINGS AT CARBON VESSEL OUTLET(3)				SUMMA CANISTER DATA(4)								CARBON CANISTER CHANGE-OUT (Yes/No)	COMMENTS
															INLET CANISTER				OUTLET CANISTER					
							CH_4 (%)	CO_2 (%)	O_2 (%)	VOCs (ppmv)	CH_4 (%)	CO_2 (%)	O_2 (%)	VOCs (ppmv)	Sample Start Time	Initial Pressure (in. Hg)	Sample Stop Time	Final Pressure (in. Hg)	Sample Start Time	Initial Pressure (in. Hg)	Sample Stop Time	Final Pressure (in. Hg)		
5-29-07	1630	2.2	77°	.02	569		0%	3.6%	14.6%	141	0%	3.5%	14.7%	140					1650	29.1	1720	6.1	NO	
5-29-07	1630	2.2	77°	.02	569		0%	3.5%	14.7%	135	0%	3.5%	14.6%	137	1725	29.5	1755	5.8				5.4	NO	

(1) Flow Velocity is calculated using Dwyer "velocity" calculator.
(2) Flow Rate calculated based on flow velocity and 4-inch diameter pipe.
(3) CH_4, CO_2, and O_2 to be sampled using LFG Instrument (Landtec GEM 2000 or equivalent). TGNMO (VOCs) to be field analyzed by the PID/FID (Foxboro TVA 1000 or equivalent).
(4) Summa samples to be analyzed by EPA Method TO-15 (VOCs) and SCAQMD Method 25.1 (TGNMO (VOCs), CH_4, CO_2 and O_2).

LFG = Landfill Gas
PID = Photoinization Detector
FID = Flameionization Detector

RESERVOIR GAS COLLECTION SYSTEM
O&M INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

INSPECTORS NAME	INSPECTORS SIGNATURE	INSPECTION TIME	INSPECTION DATE
STEVEN CRAWFORD	Steven Crawford	1630	5-29-07

SYSTEM STATUS UPON ARRIVAL	On: ✓	Off:	SYSTEM STATUS UPON DEPARTURE	On: ✓	Off:

ITEMS TO INSPECT	COMMENTS	CHECK (√) WHEN INSPECTED
Gate	OK	✓
Lock	OK	✓
Fence	OK	✓
Record Electrical Meter Reading	3891	✓
Electrical Controls	OK	✓

RESERVOIR GAS COLLECTION SYSTEM
O&M INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE
(Continued)

ITEMS TO INSPECT	COMMENTS	CHECK (√) WHEN INSPECTED
Auto-Dialer	OK	✓
Vent Stack	OK.	✓
Knockout Pot – Check level and drain as necessary	DRAINED	✓
Check integrity of all hoses, fittings, piping	OK	✓
Measure Blower Running Amperage	2.1	✓
Check Carbon Canisters	OK	✓

DAILY FIELD REPORT

JOB NAME: WDI	PROJECT NUMBER: 125154.0000.0000	DATE: 5/29/07
LOCATION: LOS NIETOS & GREENLEAF	WEATHER: SUNNY	DAY: TUESDAY
CONTRACTOR: TRC	FOREMAN:	
FIELD TECHNICIAN: STEVEN CRAWFORD	INSPECTION/TESTING OF: O&M OF GAS COLLECTION SYSTEM AND COLLECT SAMPLES.	

SUMMARY OF OPERATIONS:

ARRIVED ON-SITE AT 1630. PERFORMED O&M OF GAS COLLECTION SYSTEM. COLLECTED INLET SAMPLE AT 1720. RECORDED READINGS FOR CH_4, CO_2, O_2, AND VOCS. COLLECTED OUTLET SAMPLE AT 1755. RECORDED READINGS FOR CH_4, CO_2, O_2, AND VOCS. OFFSITE AT 1838.

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ASHTEAD Technology RENTALS

CALIBRATION CERTIFICATE

CUSTOMER:
MANUFACTURER: LANTEC
MODEL: GA-90
SERIAL:
ID#: R 3420

CALIBRATION DATA:

INSTRUMENT FLOW RATE: 619 ml LPM

CHARGER OUTPUT VOLTAGE: 26.17 V

GAS	PRE-CAL READ	POST-CAL READ	STANDARD	REF#
CARBON Dioxide		35.0 % CO2	35.0 %	913739
Methane		50 % CH4	50.0 %	"
Nitrogen BAL		Ø % O2	N2 Bal.	"

THIS INSTRUMENT HAS BEEN CALIBRATED IN ACCORDANCE WITH THE MANUFACTURER'S PROCEDURES AS DETAILED IN THE OPERATIONS MANUAL.

CALIBRATED BY

5/29/07
CALIBRATION DATE

18195 McDURMOTT EAST, SUITE A/B
IRVINE, CA 92614
(800) 2423910

ASHTEAD Technology RENTALS

Measurement Record

Equipment Information:

CUSTOMER: _____
INSTRUMENT: Foxboro PID/FID
MODEL: TVA-1000
SERIAL #: R3227

Calibration Standards:

STANDARD:	Zero Air # 913574	RESPONSE:	0 ppm PID 0 ppm FID
STANDARD:	100 ppm Isobutylene # 913893	RESPONSE:	101 ppm PID
STANDARD:	100 ppm Methane # DAG-150A-1	RESPONSE:	100 ppm FID
STANDARD:	_____	RESPONSE:	_____

TECHNICIAN: VICTOR VEGA
DATE: 5/29/07

NOTES:

Unit performs within specifications: ☒. Flow check: ☒. Batter fully charged: ☒.

This instrument has been calibrated according to the calibration procedure as described in the operation manual.

APPENDIX B.15

RESERVOIR GAS COLLECTION AND TREATMENT SYSTEM MONITORING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

TECHNICIAN: STEVEN CRAWFORD

LFG INSTRUMENT – MODEL NO.: GA-90

LFG INSTRUMENT – SERIAL NO.: G1556

PID/FID INSTRUMENT – MODEL NO.: TVA-1000B 81040

PID/FID INSTRUMENT – SERIAL NO.: 0520012546

AMBIENT AIR TEMPERATURE @ START: 83.1 °F AMBIENT BAROMETRIC PRESSURE @ START: 29.81 in. Hg

AMBIENT AIR TEMPERATURE @ END: 82.3 °F AMBIENT BAROMETRIC PRESSURE @ END: 29.81 in. Hg

WEATHER: SUNNY

DATE	TIME	IN-LINE SYSTEM PRESSURE AT BLOWER OUTLET (in. H_2O)	IN-LINE SYSTEM TEMPERATURE AT BLOWER OUTLET (°F)	PITOT TUBE DIFFERENTIAL PRESSURE (in. H_2O)	FLOW VELOCITY AT BLOWER OUTLET (ft/min)(1)	FLOW RATE AT BLOWER OUTLET (ACFM)(2)	FIELD INSTRUMENT GAS READINGS AT BLOWER OUTLET(3)				FIELD INSTRUMENT GAS READINGS AT CARBON VESSEL OUTLET(3)				SUMMA CANISTER DATA(4)								CARBON CANISTER CHANGE-OUT (Yes/No)	COMMENTS
															INLET CANISTER				OUTLET CANISTER					
							CH_4 (%)	CO_2 (%)	O_2 (%)	VOCs (ppmv)	CH_4 (%)	CO_2 (%)	O_2 (%)	VOCs (ppmv)	Sample Start Time	Initial Pressure (in. Hg)	Sample Stop Time	Final Pressure (in. Hg)	Sample Start Time	Initial Pressure (in. Hg)	Sample Stop Time	Final Pressure (in. Hg)		
7-25-07	1825	2.2	86°	.03	696		0%	3.3%	13.7%	125	0%	3.3%	13.6%	128	[redacted]				1852	28.7	1922	6.0	NO	
7-25-07	1825	2.2	86°	.03	696		0%	3.3%	13.6%	126	0%	3.3%	13.6%	131	1925	28.0	1955	.5					NO	

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(1) Flow Velocity is calculated using Dwyer "velocity" calculator.
(2) Flow Rate calculated based on flow velocity and 4-inch diameter pipe.
(3) CH_4, CO_2, and O_2 to be sampled using LFG Instrument (Landtec GEM 2000 or equivalent). TGNMO (VOCs) to be field analyzed by the PID/FID (Foxboro TVA 1000 or equivalent).
(4) Summa samples to be analyzed by EPA Method TO-15 (VOCs) and SCAQMD Method 25.1 (TGNMO (VOCs), CH_4, CO_2 and O_2).

LFG = Landfill Gas
PID = Photoinization Detector
= Flameionization Detector

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RESERVOIR GAS COLLECTION SYSTEM
O&M INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

INSPECTORS NAME	INSPECTORS SIGNATURE	INSPECTION TIME	INSPECTION DATE
STEVEN CRAWFORD	Steven Crawford	1800	7/25/07

SYSTEM STATUS UPON ARRIVAL	On: ✓	Off:	SYSTEM STATUS UPON DEPARTURE	On: ✓	Off:

ITEMS TO INSPECT	COMMENTS	CHECK (√) WHEN INSPECTED
Gate	OK	✓
Lock	OK	✓
Fence	OK	✓
Record Electrical Meter Reading	3917	✓
Electrical Controls	OK	✓

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RESERVOIR GAS COLLECTION SYSTEM
O&M INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE
(Continued)

ITEMS TO INSPECT	COMMENTS	CHECK (√) WHEN INSPECTED
Auto-Dialer	OK	✓
Vent Stack	OK	✓
Knockout Pot – Check level and drain as necessary	DRAINED	✓
Check integrity of all hoses, fittings, piping	OK	✓
Measure Blower Running Amperage	2.1	✓
Check Carbon Canisters	O.K	✓

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DAILY FIELD REPORT

B NAME: WDI	PROJECT NUMBER: 125154.0000.0000	DATE: 7-25-07
LOCATION: LOS NIETOS & GREENLEAF	WEATHER: SUNNY	DAY: WEDNESDAY
CONTRACTOR: TRC	FOREMAN: TOM DEEN	
FIELD TECHNICIAN: STEVE CRAWFORD	INSPECTION/TESTING OF: O&M AND SAMPLING OF GAS COLLECTION SYSTEM	

SUMMARY OF OPERATIONS:

PICKED UP INSTRUMENTS FROM ASHTEAD RENTALS. ON-SITE AT 1800. PERFORMED O&M. SET SAMPLE FOR OUTLET AT 1852. COLLECTED SAMPLE AT 1922. SET SAMPLE FOR INLET AT 1925. COLLECTED SAMPLE AT 1955. INSPECTION COMPLETED AT 2010. LABELED AND PACKED SAMPLES AT SANTA FE SPRINGS. OUT AT 2035.

Steven Crawford
7/25/07

TRC Alton Geoscience

ASHTEAD Technology
RENTALS

Measurement Record

Equipment Information:

CUSTOMER: _____
INSTRUMENT: Foxboro PID/FID
MODEL: TVA-1000
SERIAL #: R6322

Calibration Standards:

STANDARD:	Zero Air # 913574	RESPONSE:	0 ppm PID 0 ppm FID
STANDARD:	100 ppm Isobutylene # 913893	RESPONSE:	100 ppm PID
STANDARD:	100 ppm Methane # 913121	RESPONSE:	100 ppm FID
.NDARD:	_____	RESPONSE:	_____

TECHNICIAN: VICTOR VEGA
DATE: 7/25/07

NOTES:

Unit performs within specifications: ☒. Flow check: ☒. Batter fully charged: ☒.

This instrument has been calibrated according to the calibration procedure as described in the operation manual.

ASHTEAD Technology RENTALS

Measurement Records

Equipment Information:

CUSTOMER:
INSTRUMENT: LANDTEC
MODEL: GA 90
SERIAL #: G1556 , K3388

Calibration Standards:

STANDARD:	50 % Methane #50	RESPONSE:	50 % LEL 35% ppm CO2 20.9 % O2
STANDARD:	N/A ppm H2S in N2 #N/A	RESPONSE:	N/A ppm H2S
STANDARD:	UHP Nitrogen #90091520	RESPONSE:	20.9% O2

TECHNICIAN: TRAVES NGUYEN
DATE: 07/24/07

NOTES:

Unit performs within specifications: ☒. Flow Check: ☒. Battery fully charged: ☒.

This instrument has been calibrated according to the calibration procedure as described in the operation manual.

APPENDIX B.15

RESERVOIR GAS COLLECTION AND TREATMENT SYSTEM MONITORING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

TECHNICIAN: STEVE CRAWFORD

LFG INSTRUMENT – MODEL NO.: GA-90
LFG INSTRUMENT – SERIAL NO.: G1516

PID/FID INSTRUMENT – MODEL NO.: TVA-1000B-81040
PID/FID INSTRUMENT – SERIAL NO.: 74262-376

AMBIENT AIR TEMPERATURE @ START: 72 °F AMBIENT BAROMETRIC PRESSURE @ START: 29.85 in. Hg

AMBIENT AIR TEMPERATURE @ END: 79.1 °F AMBIENT BAROMETRIC PRESSURE @ END: 29.86 in. Hg

WEATHER: SUNNY

DATE	TIME	IN-LINE SYSTEM PRESSURE AT BLOWER OUTLET (in. H_2O)	IN-LINE SYSTEM TEMPERATURE AT BLOWER OUTLET (°F)	PITOT TUBE DIFFERENTIAL PRESSURE (in. H_2O)	FLOW VELOCITY AT BLOWER OUTLET (ft/min)(1)	FLOW RATE AT BLOWER OUTLET (ACFM)(2)	FIELD INSTRUMENT GAS READINGS AT BLOWER OUTLET(3)				FIELD INSTRUMENT GAS READINGS AT CARBON VESSEL OUTLET(3)				SUMMA CANISTER DATA(4)								CARBON CANISTER CHANGE-OUT (Yes/No)	COMMENTS
															INLET CANISTER				OUTLET CANISTER					
							CH_4 (%)	CO_2 (%)	O_2 (%)	VOCs (ppmv)	CH_4 (%)	CO_2 (%)	O_2 (%)	VOCs (ppmv)	Sample Start Time	Initial Pressure (in. Hg)	Sample Stop Time	Final Pressure (in. Hg)	Sample Start Time	Initial Pressure (in. Hg)	Sample Stop Time	Final Pressure (in. Hg)		
8-30-07	0630	2.0	86°	.03	695		0%	3.4%	15.1%	79.67	0%	3.4%	15.1%	74.26					722	29.0	752	5.6	NO	
8-30-07	0630	2.0	86°	.03	695		0%	3.6%	15.1%	68.43	0%	3.6%	15.2%	64.83	758	29.0	828	6.5					NO	

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(1) Flow Velocity is calculated using Dwyer "velocity" calculator.
(2) Flow Rate calculated based on flow velocity and 4-inch diameter pipe.
(3) CH_4, CO_2, and O_2 to be sampled using LFG Instrument (Landtec GEM 2000 or equivalent). TGNMO (VOCs) to be field analyzed by the PID/FID (Foxboro TVA 1000 or equivalent).
(4) Summa samples to be analyzed by EPA Method TO-15 (VOCs) and SCAQMD Method 25.1 (TGNMO (VOCs), CH_4, CO_2 and O_2).

LFG = Landfill Gas
PID = Photoinization Detector
FID = Flameionization Detector

TRC
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DAILY FIELD REPORT

JOB NAME: WDI	PROJECT NUMBER: 125154.0000.0000	DATE: 8/30/07
LOCATION: LOS NIETOS & GREENLEAF	WEATHER: SUNNY	DAY: THURSDAY
CONTRACTOR: TRC	FOREMAN: TOM DEEN	
FIELD TECHNICIAN: STEVE CRAWFORD	INSPECTION/TESTING OF: O&M AND SAMPLING OF GAS COLLECTION SYSTEM.	

SUMMARY OF OPERATIONS: PICKED UP INSTRUMENTS FROM ASHSTEAD RENTALS. ON-SITE AT 6:30 AM, PERFORMED O&M. SET SAMPLE UP AT OUTLET AT 722 AM. COLLECTED SAMPLE AT 752 AM. TOOK READINGS FOR CH_4, CO_2, AND O_2. SET SAMPLE UP AT INLET AT 758 AM. COLLECTED SAMPLE AT 828 AM. TOOK READINGS FOR CH_4, CO_2, AND O_2. OFF-SITE AT 850 AM. LABELED AND PACKED SAMPLES AT SANTA FE SPRINGS. OUT AT 1000 AM.

Steven Crawford
8/30/07

TRC Alton Geoscience

APPENDIX B.3

RESERVOIR GAS COLLECTION SYSTEM
O&M INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

INSPECTORS NAME	INSPECTORS SIGNATURE	INSPECTION TIME	INSPECTION DATE
STEVEN CRAWFORD	Steven Crawford	0630	8/30/07

SYSTEM STATUS UPON ARRIVAL	On: ✓	Off:	SYSTEM STATUS UPON DEPARTURE	On: ✓	Off:

ITEMS TO INSPECT	COMMENTS	CHECK (√) WHEN INSPECTED
Gate	OK	✓
Lock	OK	✓
Fence	OK	✓
Record Electrical Meter Reading	3934	✓
Electrical Controls	OK	✓

APPENDIX B.3

RESERVOIR GAS COLLECTION SYSTEM
O&M INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE
(Continued)

ITEMS TO INSPECT	COMMENTS	CHECK (√) WHEN INSPECTED
Auto-Dialer	OK	✓
Vent Stack	OK	✓
Knockout Pot – Check level and drain as necessary	DRAINED	✓
Check integrity of all hoses, fittings, piping	OK	✓
Measure Blower Running Amperage	2.1	✓
Check Carbon Canisters	OK	✓

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TECHNICIAN: STEVE CRAWFORD

AMBIENT AIR TEMPERATURE @ START: 78.4 °F

AMBIENT AIR TEMPERATURE @ END: 79.8 °F SUNNY

DATE	TIME	IN-LINE SYSTEM PRESSURE AT BLOWER OUTLET (in. H_2O)	IN-LINE SYSTEM TEMPERA-TURE AT BLOWER OUTLET (°F)	PITOT TUBE DIFFERENTIAL PRESSURE (in. H_2O)	OUTLET CANISTER			CARBON CANISTER CHANGE-OUT (Yes/No)	COMMENTS
					Initial Pressure (in. Hg)	Sample Stop Time	Final Pressure (in. Hg)		
9-26-07	1330	2.0	84°	.02	28.0	1418	6.5	NO	
9-26-07	1330	2.0	84°	.02				NO	

(1) Flow Velocity is calculated using Dwyer "velocity" calcul

(2) Flow Rate calculated based on flow velocity and 4-inch di

(3) CH_4, CO_2, and O_2 to be sampled using LFG Instrument (L

(4) Summa samples to be analyzed by EPA Method TO-15 (V

LFG = Landfill Gas
PID = Photoinization Detector
FID = Flameionization Detector

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APPENDIX B.3

RESERVOIR GAS COLLECTION SYSTEM
O&M INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

INSPECTORS NAME	INSPECTORS SIGNATURE	INSPECTION TIME	INSPECTION DATE
STEVE CRAWFORD	Steven Crawford	1300	9-26-07

SYSTEM STATUS UPON ARRIVAL	On: ✓	Off:	SYSTEM STATUS UPON DEPARTURE	On: ✓	Off:

ITEMS TO INSPECT	COMMENTS	CHECK (√) WHEN INSPECTED
Gate	OK ✓	✓
Lock	OK	✓
Fence	OK	✓
Record Electrical Meter Reading	03946	✓
Electrical Controls	OK	✓

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APPENDIX B.3

RESERVOIR GAS COLLECTION SYSTEM
O&M INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE
(Continued)

ITEMS TO INSPECT	COMMENTS	CHECK (√) WHEN INSPECTED
Auto-Dialer	OK	✓
Vent Stack	OK	✓
Knockout Pot – Check level and drain as necessary	DRAINED	✓
Check integrity of all hoses, fittings, piping	OK	✓
Measure Blower Running Amperage	2.1	✓
Check Carbon Canisters	OK	✓

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DAILY FIELD REPORT

JOB NAME: WDI	PROJECT NUMBER: 125154.0000.0000	DATE: 9-26-07
LOCATION: LOS NIETOS & GREENLEAF	WEATHER: SUNNY	DAY: WEDNESDAY
CONTRACTOR: TRC	FOREMAN: TOM DEEN	
FIELD TECHNICIAN: STEVE CRAWFORD	INSPECTION/TESTING OF: O&M AND SAMPLE COLLECTION OF GAS TREATMENT SYSTEM.	

SUMMARY OF OPERATIONS:

ON-SITE AT 1300. TOOK READINGS FOR CH4 AND VOC'S. PERFORMED O&M TASKS. SET UP SAMPLE CANISTERS. INFLUENT (INLET) SAMPLED AT 1422 TO 1452. EFFLUENT (OUTLET) SAMPLED AT 1348 TO 1418. COMPLETED INSPECTION AND PAPERWORK. OFF SITE AT 1430. PACKED SAMPLES AT SANTA FE SPRINGS. OUT AT 1500.

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APPENDIX B.15

RESERVOIR GAS COLLECTION AND TREATMENT SYSTEM MONITORING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

TECHNICIAN: STEVE CRAWFORD

LFG INSTRUMENT – MODEL NO.: GEM-2000 PID/FID INSTRUMENT – MODEL NO.: TVA-1000

LFG INSTRUMENT – SERIAL NO.: GM07952105 PID/FID INSTRUMENT – SERIAL NO.: 0520012546

AMBIENT AIR TEMPERATURE @ START: 67.2 °F AMBIENT BAROMETRIC PRESSURE @ START: 29.85 in. Hg

AMBIENT AIR TEMPERATURE @ END: 65.1 °F AMBIENT BAROMETRIC PRESSURE @ END: 29.84 in. Hg

WEATHER: SUNNY COOL

DATE	TIME	IN-LINE SYSTEM PRESSURE AT BLOWER OUTLET (in. H_2O)	IN-LINE SYSTEM TEMPERA-TURE AT BLOWER OUTLET (°F)	PITOT TUBE DIFFERENTIAL PRESSURE (in. H_2O)	FLOW VELOCITY AT BLOWER OUTLET (ft/min)(1)	FLOW RATE AT BLOWER OUTLET (ACFM)(2)	FIELD INSTRUMENT GAS READINGS AT BLOWER OUTLET(3)				FIELD INSTRUMENT GAS READINGS AT CARBON VESSEL OUTLET(3)				SUMMA CANISTER DATA(4)								CARBON CANISTER CHANGE-OUT (Yes/No)	COMMENTS
															INLET CANISTER				OUTLET CANISTER					
							CH_4 (%)	CO_2 (%)	O_2 (%)	VOCs (ppmv)	CH_4 (%)	CO_2 (%)	O_2 (%)	VOCs (ppmv)	Sample Start Time	Initial Pressure (in. Hg)	Sample Stop Time	Final Pressure (in. Hg)	Sample Start Time	Initial Pressure (in. Hg)	Sample Stop Time	Final Pressure (in. Hg)		
10-16-07	1600	2.0	77°	.02	569		0%	4.9%	7.0%	163	0%	4.9%	6.9%	159					1537	28.9	1607	6.9	NO	
10-16-07	1600	2.0	77°	.02	569		0%	4.9%	6.9%	164	0%	4.9%	6.9%	156	1610	28.9	1640	6.4					ND	

(1) Flow Velocity is calculated using Dwyer "velocity" calculator.
(2) Flow Rate calculated based on flow velocity and 4-inch diameter pipe.
(3) CH_4, CO_2, and O_2 to be sampled using LFG Instrument (Landtec GEM 2000 or equivalent). TGNMO (VOCs) to be field analyzed by the PID/FID (Foxboro TVA 1000 or equivalent).
(4) Summa samples to be analyzed by EPA Method TO-15 (VOCs) and SCAQMD Method 25.1 (TGNMO (VOCs), CH_4, CO_2 and O_2).

LFG = Landfill Gas
PID = Photoinization Detector
FID = Flameionization Detector

APPENDIX B.3

RESERVOIR GAS COLLECTION SYSTEM
O&M INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

INSPECTORS NAME	INSPECTORS SIGNATURE	INSPECTION TIME	INSPECTION DATE
STEVE CRAWFORD	Steven Crawford	1600	10/16/07

SYSTEM STATUS UPON ARRIVAL	On: ✓	Off:	SYSTEM STATUS UPON DEPARTURE	On: ✓	Off:

ITEMS TO INSPECT	COMMENTS	CHECK (√) WHEN INSPECTED
Gate	OK	✓
Lock	OK	✓
Fence	OK	✓
Record Electrical Meter Reading	03955	✓
Electrical Controls	OK	✓

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APPENDIX B.3

RESERVOIR GAS COLLECTION SYSTEM
O&M INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE
(Continued)

ITEMS TO INSPECT	COMMENTS	CHECK (√) WHEN INSPECTED
Auto-Dialer	OK	✓
Vent Stack	OK	✓
Knockout Pot – Check level and drain as necessary	DRAINED	✓
Check integrity of all hoses, fittings, piping	OK	✓
Measure Blower Running Amperage	2.1	✓
Check Carbon Canisters	OK	✓

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DAILY FIELD REPORT

JOB NAME: WDI	PROJECT NUMBER: 125154.0000.0000	DATE: 10-16-07
LOCATION: LOS NIETOS & GREENLEAF	WEATHER: SUNNY	DAY: TUESDAY
CONTRACTOR: TRC	FOREMAN: TOM DEEN	
FIELD TECHNICIAN: STEVE CRAWFORD	INSPECTION/TESTING OF: O&M AND SAMPLE COLLECTION OF GAS COLLECTION SYSTEM.	

SUMMARY OF OPERATIONS:

ON-SITE AT 1500. COMPLETED INSPECTION. TOOK READINGS WITH INSTRUMENTS. SET INLET SAMPLE AT 1537, COLLECTED SAMPLE AT 1607. SET OUTLET SAMPLE AT 1610, COLLECTED SAMPLE AT 1640. COMPLETED O&M. OFFSITE AT 1700. PACKED SAMPLES AND COMPLETED CHAIN OF CUSTODY. OUT AT 1830.

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DAILY FIELD REPORT

JOB NAME:	PROJECT NUMBER:	DATE:
WDT	ANAND Helekar	12-10-07
LOCATION:	WEATHER:	DAY:
SFS	Great	MON
CONTRACTOR:	FOREMAN:	
FIELD TECHNICIAN:	INSPECTION/TESTING OF:	
Doug H	Vapor System Samples - AND Shut Down	

SUMMARY OF OPERATIONS:

AMBIENT H2S 0
OXY 20.3
CO 0
LEL 0

EFFLUENT
OUTLET START H2S 0
VAC 30 OXY 16.5
11:48 CO 0
VAC 8 12:18 - STOP LEL 0
Reg 6V-5-127 FID 0
SUMA SC00423

INFLUENT H2S 0
Reg 6V-5-155 OXY 13.0
SUMA SC00210 LEL 3
VAC 30 START CO 0
12:24 p FID 658
12:54 p VAC 8 stop

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APPENDIX A.3

O&M PARCEL INSPECTION SHEETS

APPENDIX B.4

PARCEL INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

INSPECTORS NAME	INSPECTORS SIGNATURE	INSPECTION TIME	INSPECTION DATE
STEVEN CRAWFORD	Steven Crawford	1000	12-5-06

PARCEL NUMBER	OWNER	ITEM TO BE INSPECTED	CRACKS OBSERVED	DAMAGE/ PENETRATIONS OBSERVED	EROSION OBSERVED	PID SURVEY READING	COMMENTS	CHECK (√) WHEN INSPECTED
32	DAVID NEPTUNE FAMILY TRUST (JACKS)	REMOVE EXISTING ASPHALT AND REPLACE WITH ENGINEERED ASPHALT COVER ~~RCRA Subtitle D Equivalent Cover~~ (OUTSIDE)	NONE	NONE	NONE	—	OK	✓
32	DAVID NEPTUNE FAMILY TRUST (JACKS)	ENGINEERED CONCRETE COVER WITH SEALED CRACKS. (INSIDE)	NONE	NONE	NONE	5.08	OK	✓

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APPENDIX B.4

PARCEL INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

INSPECTORS NAME	INSPECTORS SIGNATURE	INSPECTION TIME	INSPECTION DATE
STEVEN CRAWFORD	Steven Crawford	900	12-5-06

PARCEL NUMBER	OWNER	ITEM TO BE INSPECTED	CRACKS OBSERVED	DAMAGE/ PENETRATIONS OBSERVED	EROSION OBSERVED	PID SURVEY READING	COMMENTS	CHECK (√) WHEN INSPECTED
41	EUGENE & GERALDINE WELTER TRUST (ROGER)	REMOVE EXISTING ASPHALT AND REPLACE WITH ENGINEERED ASPHALT COVER ~~RCRA Subtitle D Equivalent Cover~~ (OUTSIDE)	NONE	NONE	NONE	5.48 ppm	OK	✓
41	SAME AS ABOVE	ENGINEERED CONCRETE COVER WITH SEALED CRACKS (INSIDE)	NONE (SEE COMMENTS)	NONE	NONE	9.61 ppm	SMALL HAIRLINE CRACKS FOUND IN CRACK SEALING MATERIAL.	✓

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PARCEL INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

INSPECTORS NAME	INSPECTORS SIGNATURE	INSPECTION TIME	INSPECTION DATE
STEVEN CRAWFORD	Steven Crawford	1345	12-6-06

PARCEL NUMBER	OWNER	ITEM TO BE INSPECTED	CRACKS OBSERVED	DAMAGE/ PENETRATIONS OBSERVED	EROSION OBSERVED	PID SURVEY READING	COMMENTS	CHECK (√) WHEN INSPECTED
43	EDDIE EARL TIMMONS	(OUTSIDE) ~~RCRA~~ ~~Subtitle D Equivalent~~ ~~Cover~~ 2" ASPHALT OVERLAY COVER	NONE	NONE	NONE	NO READING TAKEN	INSPECTED ASPHALT	✓
44	SISNEROS FAMILY TRUST	REMOVE EXISTING ASPHALT AND REPLACE WITH ENGINEERED ASPHALT COVER. ENGINEERED CONCRETE COVER WITH SEALED CRACKS.	NONE	NONE	NONE	NO READING TAKEN	INSPECTED ASPHALT AND CRACKS.	✓
42	DANNY R. PEOPLES & DENA PEOPLES	REMOVE EXISTING ASPHALT AND REPLACE WITH ENGINEERED ASPHALT COVER.	NONE	NONE	NONE	NO READING TAKEN	INSPECTED ASPHALT	✓

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APPENDIX B.4

PARCEL INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

INSPECTORS NAME	INSPECTORS SIGNATURE	INSPECTION TIME	INSPECTION DATE
STEVEN CRAWFORD	Steven Crawford	1500	12-9-06

PARCEL NUMBER	OWNER	ITEM TO BE INSPECTED	CRACKS OBSERVED	DAMAGE/ PENETRATIONS OBSERVED	EROSION OBSERVED	PID SURVEY READING	COMMENTS	CHECK (√) WHEN INSPECTED
03B	RAYMOND & DONNIS HOLBROOK TRUST (ROBERT BARRAZA)	~~RCRA~~ ~~Subtitle D Equivalent~~ ~~Cover~~ NONE	NONE	NONE	NONE	4.85 ppm	ONLY AIR MONITORING AND SAMPLING PERFORMED AT THIS LOCATION.	✓
50	JOSE RAZO (BROTHERS)	REMOVE EXISTING ASPHALT AND REPLACE WITH ENGINEERED ASPHALT COVER. (OUTSIDE)	NONE	NONE	NONE	NO READING	OK	✓
50	JOSE RAZO (BROTHERS)	ENGINEERED CONCRETE COVER WITH SEALED CRACKS. (INSIDE)	NONE	NONE	NONE	4.94 ppm	OK	✓

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APPENDIX B.4

PARCEL INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

INSPECTORS NAME	INSPECTORS SIGNATURE	INSPECTION TIME	INSPECTION DATE
STEVEN CRAWFORD	Steven Crawford	1640	12-9-06

PARCEL NUMBER	OWNER	ITEM TO BE INSPECTED	CRACKS OBSERVED	DAMAGE/ PENETRATIONS OBSERVED	EROSION OBSERVED	PID SURVEY READING	COMMENTS	CHECK (√) WHEN INSPECTED
28	TOM MERSITS	~~RCRA Subtitle D-Equivalent Cover~~ ENGINEERED CONCRETE COVER WITH SEALED CRACKS.	NONE	NONE	NONE	NO READING TAKEN	OK.	✓
29	TOM MERSITS	SAME AS ABOVE	NONE	NONE	NONE	4.48 PPM	OK.	✓

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APPENDIX B.4

PARCEL INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

INSPECTORS NAME	INSPECTORS SIGNATURE	INSPECTION TIME	INSPECTION DATE
STEVEN CRAWFORD	Steven Crawford	1305	12-10-06

PARCEL NUMBER	OWNER	ITEM TO BE INSPECTED	CRACKS OBSERVED	DAMAGE/ PENETRATIONS OBSERVED	EROSION OBSERVED	PID SURVEY READING	COMMENTS	CHECK (√) WHEN INSPECTED
		RCRA Subtitle D-Equivalent Cover						
24B	HOLBROOK	ENGINEERED CONCRETE COVER WITH SEALED CRACKS.	YES	NONE	NONE OBSERVED	4.78	SEALED CRACKS LOOK GOOD.	✓
	TENANT BUFFALO BULLET	2" ASPHALT OVER LAY COVER	NONE	NONE	NONE OBSERVED	2.41	OVERLAY LOOKS GOOD.	✓

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APPENDIX B.4

PARCEL INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

INSPECTORS NAME	INSPECTORS SIGNATURE	INSPECTION TIME	INSPECTION DATE
STEVEN CRAWFORD	Steven Crawford	1700	12-27-06

PARCEL NUMBER	OWNER	ITEM TO BE INSPECTED	CRACKS OBSERVED	DAMAGE/ PENETRATIONS OBSERVED	EROSION OBSERVED	PID SURVEY READING	COMMENTS	CHECK (√) WHEN INSPECTED
26	MARVIN PITTS	RCRA Subtitle D-Equivalent Cover	NONE	NONE	NONE	NO READING TAKEN	OK.	✓
30	MARVIN PITTS	ENGINEERED CONCRETE COVER WITH SEALED CRACKS.	NONE	NONE	NONE	NO READING TAKEN	OK	✓

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APPENDIX B.4

PARCEL INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

INSPECTORS NAME	INSPECTORS SIGNATURE	INSPECTION TIME	INSPECTION DATE
STEVEN CRAWFORD	Steven Crawford	1830	12-27-06

PARCEL NUMBER	OWNER	ITEM TO BE INSPECTED	CRACKS OBSERVED	DAMAGE/ PENETRATIONS OBSERVED	EROSION OBSERVED	PID SURVEY READING	COMMENTS	CHECK (√) WHEN INSPECTED
51	MARVIN PITTS	RCRA Subtitle D-Equivalent Cover	NONE	NONE	NONE	NO READING TAKEN	OK	✓
25	MARVIN PITTS	SAME AS ABOVE	NONE	NONE	NONE	NO READING TAKEN	OK	✓
49	PHIL CAMPBELL & DIANE COTE FAMILY TRUST GWEN CAMPBELL	SAME AS ABOVE	NONE	NONE	NONE	NO READING TAKEN	OK	✓

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APPENDIX B.4

PARCEL INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

INSPECTORS NAME	INSPECTORS SIGNATURE	INSPECTION TIME	INSPECTION DATE
STEVEN CRAWFORD	Steven Crawford	1600	1-5-07

PARCEL NUMBER	OWNER	ITEM TO BE INSPECTED	CRACKS OBSERVED	DAMAGE/ PENETRATIONS OBSERVED	EROSION OBSERVED	PID SURVEY READING	COMMENTS	CHECK (√) WHEN INSPECTED
03	RAYMOND & DONNIS HOLBROOK TRUST	REMOVE EXISTING ~~[illegible]~~ CONCRETE AND REPLACE WITH ENGINEERED CONCRETE COVER. ~~RCRA Subtitle D Equivalent Cover~~ (OUTSIDE)	NONE	NONE	NONE	1.68 ppm	OK	✓
03	RAYMOND & DONNIS HOLBROOK TRUST	ENGINEERED CONCRETE COVER AND SEALED CRACKS. (INSIDE)	NONE	NONE	NONE	0.86 ppm	OK	✓

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APPENDIX B.4

PARCEL INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

INSPECTORS NAME	INSPECTORS SIGNATURE	INSPECTION TIME	INSPECTION DATE
STEVEN CRAWFORD	Steven Crawford	1630	1-5-07

PARCEL NUMBER	OWNER	ITEM TO BE INSPECTED	CRACKS OBSERVED	DAMAGE/ PENETRATIONS OBSERVED	EROSION OBSERVED	PID SURVEY READING	COMMENTS	CHECK (√) WHEN INSPECTED
11	ALBERT CK & BETTY LEUNG	REMOVE EXISTING ASPHALT AND REPLACE WITH ENGINEERED ASPHALT COVER ~~RCRA Subtitle D Equivalent Cover~~	NONE	NONE	NONE	NO READING TAKEN	OK	✓
12	ALBERT CK & BETTY LEUNG	SAME AS ABOVE	NONE	NONE	NONE	NO READING TAKEN	OK	✓

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PARCEL INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

INSPECTORS NAME	INSPECTORS SIGNATURE	INSPECTION TIME	INSPECTION DATE
STEVEN CRAWFORD	Steven Crawford	0600	1-20-07

PARCEL NUMBER	OWNER	ITEM TO BE INSPECTED	CRACKS OBSERVED	DAMAGE/ PENETRATIONS OBSERVED	EROSION OBSERVED	PID SURVEY READING	COMMENTS	CHECK (√) WHEN INSPECTED
		RCRA Subtitle D-Equivalent Cover						
22	MAPLE / TENANT ROBERT BLACK	ENGINEERED CONCRETE COVER WITH SEALED CRACKS.	YES	NONE	NONE OBSERVED	2.63	HAIRLINE FRACTURES OBSERVED BUT, SMALLER THAN A BUSINESS CARD THICKNESS.	✓

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APPENDIX B.4

PARCEL INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

INSPECTORS NAME	INSPECTORS SIGNATURE	INSPECTION TIME	INSPECTION DATE
STEVEN CRAWFORD	Steven Crawford	1400	2-1-07

PARCEL NUMBER	OWNER	ITEM TO BE INSPECTED	CRACKS OBSERVED	DAMAGE/ PENETRATIONS OBSERVED	EROSION OBSERVED	PID SURVEY READING	COMMENTS	CHECK (√) WHEN INSPECTED
		RCRA Subtitle D-Equivalent Cover						
37	GRAZIANO	ENGINEERED A/C COVER	NO	NONE	NONE	2.46	ASPHALT LOOKS GOOD	✓
	TENANT RICHARD STANNARD	ENGINEERED CONCRETE COVER WITH SEALED CRACKS.	YES	NONE	NONE	3.04	HAIRLINE FRACTURES OBSERVED BUT NOT BIGGER THAN A BUSINESS CARD THICKNESS	✓

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APPENDIX A.4

SENTINEL BIOVENT WELL O&M INSPECTION SHEETS

APPENDIX B.5

SENTINEL BIOVENT WELL
O&M INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

INSPECTORS NAME	INSPECTORS SIGNATURE	INSPECTION TIME	INSPECTION DATE
Andy C	[illegible]		9-18-07

WELL ID	WELLHEAD (Vented steel enclosure and cover, concrete, Baroball valve)	WELL LOCK	WELL CASING	EROSION AROUND WELL	COMMENTS	CHECK (√) WHEN INSPECTED
BW-01	OK	yes				9-26-07
BW-02	OK	yes				9-26-07
BW-03	OK	yes				9-26-07
BW-04	OK	yes				9-26-07
BW-05	OK	yes				9-26-07
BW-06	OK	yes				9-26-07
BW-07	OK	yes				9-26-07
BW-08	OK					9-26-07
BW-09	OK					9-26-07
BW-10	OK					9-26-07
BW-11	OK					9-26-07
BW-12	OK					9-26-07
BW-14	OK	yes				9-27-07
BW-15	OK	yes				9-26-07
BW-16	OK	yes				9-18-07
BW-17	OK	yes				9-18-07
BW-18	OK	yes				9-18-07
BW-19	OK	yes				9-18-07
BW-20	OK	yes				9-18-07
BW-21	OK	yes				~~[illegible]~~ 9-18-07
BW-22	OK	yes				9-27-07
BW-23	OK	yes				9-27-07
BW-24	OK	yes				9-27-07
BW-25	OK	yes				9-27-07

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APPENDIX A.5

GROUND WATER WELL MONITORING AND INSPECTION DATA SHEETS

FIELD MONITORING DATA SHEET

Technician: HAFKENSCHEID Job #/Task #: 125154/001308 Date: 8/18/07

Site # WDI Project Manager AF Page 1 of 1

Well #	TOC	Time Gauged	Total Depth	Depth to Water	Depth to Product	Product Thickness (feet)	Time Sampled	Misc. Well Notes
GW-22	X	0900	77.90	60.05	0	0	0935	4"
GW-23	X	1041	63.25	56.50	0	0	1115	GATE LOCKED AT 0700 TO Open at 1040AM
WDI TB-18	—	—	—	—	—	—	N/A	
WDI RB-18	—	—	—	—	—	—	0850	

FIELD DATA COMPLETE ✓ QA/QC ✓ COC ✓ WELL BOX CONDITION SHEETS ✓

MANIFEST DRUM INVENTORY ✓ TRAFFIC CONTROL

APPENDIX B.13

GROUND WATER MONITORING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE: 8/18/07

TECHNICIAN: HAFFENSCHEID

INSTRUMENT SERIAL NO.: 0945

INSTRUMENT MODEL NO.: 0945

WELL ID	START TIME	FINISH TIME	TOTAL WELL DEPTH (ft)	DEPTH TO WATER (ft)		VOLUME PURGED (gallon)	TEMP. (°F)	pH	SPECIFIC CONDUCTIVITY (µS/cm)
				Before Sample	After Sample				
BACKGROUND WELLS									
GW-01									
GW-02									
GW-11									
GW-32									
POINT OF COMPLIANCE WELLS									
GW-22	0900	0935	77.90	60.05	60.05	36	22.9	6.79	1707
GW-23	1041	1115	63.25	56.50	56.50	15	23.1	6.92	1638
GW-26									
NEAR-SOURCE DETECTION WELLS									
GW-10									
GW-33									
VERIFICATION WELLS									
GW-27									
GW-29									
GW-30									

NOTE:

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GROUNDWATER SAMPLING FIELD NOTES

Technician: HAFKENSCHEID

Site: WDI Project No.: 125154 Date: 8/18/07

①

Well No. WDI-UMW-GW-22 Purge Method: SUB

Depth to Water (feet): 60.05 Depth to Product (feet): 0

Total Depth (feet) 77.90 LPH & Water Recovered (gallons): 0

Water Column (feet): 17.85 Casing Diameter (Inches): 4"

80% Recharge Depth(feet): 63.62 1 Well Volume (gallons): 12

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F C)	pH	D.O.	ORP	Turbidity
0914			12	1691	22.6	6.86			
			24	1701	22.8	6.82			
	0931		36	1707	22.9	6.79			

Static at Time Sampled	Total Gallons Purged	Sample Time
60.05	36	0935

Comments:

Well No. WDI UMW-23 Purge Method: SUB

Depth to Water (feet): 56.50 Depth to Product (feet): 0

Total Depth (feet) 63.25 LPH & Water Recovered (gallons): 0

Water Column (feet): 6.75 Casing Diameter (Inches): 4"

80% Recharge Depth(feet): 57.85 1 Well Volume (gallons): 5

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F C)	pH	D.O.	ORP	Turbidity
1053			5	1627	22.7	6.99			
			10	1633	22.9	6.95			
	1101		15	1638	23.1	6.92			

Static at Time Sampled	Total Gallons Purged	Sample Time
56.50	15	1115

Comments:

TRC

FIELD REPORT - DRUM INVENTORY

Project Number: 125154 Date: 8/18/07

Site/Station I.D. WDI

Address: 9905 S Greenleaf

Active Station? ND

Drums Needed: 1 Drums Used: 1

Drums Empty: Drums Full: 1

Drums Labeled: X Not Labeled:

Total Gallons for Today: 51 gallons

Field Notes: left drum at WDI

Drums needed for next event: Scheduled for:

Special Instructions:

METER CALIBRATION LOG

CLIENT NAME: WDI

SITE #: WDI

LOCATION: 9905 S. Greenleaf

METER BRAND NAME: OAKTON

METER MODEL #: 945

ALTON METER #: 945

CALIBRATION STANDARD EXP. DATE: 08

CALIBRATED BY: HAFRENSCHEID

DATE: 8/18/07

METER BRAND NAME:

METER MODEL #:

ALTON METER #:

CALIBRATION STANDARD EXP. DATE:

SITE INITIAL CALIBRATION			POST SAMPLING STANDARD MEASUREMENTS		
	Standard	Final Calibrated Values		Standard	Measured Values
pH	4.00	4.00	pH	4.00	
pH	7.00	7.00	pH	7.00	
pH	10.00	10.04	pH	10.00	
Conductivity	1000		Conductivity	1000	
Conductivity	10000	10000	Conductivity	10000	
Turbidity	1.0		Turbidity	1.0	
Turbidity	10.0		Turbidity	10.0	

REMARKS:

SIGNATURE: [signature]

WELL BOX CONDITION REPORT
(Southern California)

SITE NO. WDI

ADDRESS 9905 S. Greenleaf

DATE 8/18/07

PERFOMED BY: HAKEENSCHEED

PAGE 1 OF 1

Well Name	# of Ears	# of Stripped Ears	# of Broken Ears	# of Broken Bolts	# of Missing Bolts	Seal Damaged	Missing Lid	Broken Lid	Well Box is Exposed	Well Box is Below Grade	Unable to Access	Unable to Locate	Foundation Damaged	Paved Over	Street Well	Comments
GMW 22																OK
GMW 23																OK

RC

DAILY FIELD REPORT

JOB NAME: WDI	PROJECT NUMBER:	DATE: 8/18/07
LOCATION:	WEATHER: Morning	DAY: SAT
CONTRACTOR:	FOREMAN:	
FIELD TECHNICIAN: HAFFENSCHEID	INSPECTION/TESTING OF: GW SAMPLING	

SUMMARY OF OPERATIONS:

I drove to SPS shop load truck with supplies Thing Grundfos VOAs and paperwork. I drove to site to meet client went to gauge GMW-22 with client then to gauge GMW-23 but gate was locked Told client that I need to gauge GMW-23 before we start he stated NO I will call A. Helekar so he did And we started pumping GMW-22 then after got the sample. Then went to try to gauge GMW-23 but gate still locked waited a hour and owner of property showed up so gauged GMW-23 and purged it then sample it. went to WDI to drop off 1 barrel with client. Then client left and I drove to SPS yard to finish paperwork COC and drop off samples and change D-con

8/18/07

TRC Alton Geoscience

FIELD MONITORING DATA SHEET

Technician: HAFKENSCHEID Job #/Task #: 125154/001304 Date: 6/26/07

Site # WDI-048 Project Manager AF Page 1 of 1

Well #	TOC	Time Gauged	Total Depth	Depth to Water	Depth to Product	Product Thickness (feet)	Time Sampled	Misc. Well Notes
GW-01	X	0501	57.99	41.55	Ø	Ø	0050	4"
GW-32	X	0515	125.05	43.00	Ø	Ø	1215	4"
GW-02	X	0540	53.00	37.15	Ø	Ø	0609	4"
GW-22	X	0608	78.00	59.75	Ø	Ø	1020	4"
GW-10	X	0639	58.00	44.20	Ø	Ø	0245	4"
GW-11	X	0647	128.04	44.60	Ø	Ø	0432	4"
GW-26	X	0725	63.00	46.15	Ø	Ø	0659	4"
GW-27	X	0749	63.00	47.15	Ø	Ø	0146	4"
GW-30	X	0815	93.40	47.87	Ø	Ø	0210	4"
GW-29	X	0821	63.57	47.85	Ø	Ø	0315	4"
GW-33	X	0831	59.40	53.20	Ø	Ø	0430	4"
GW-23	X	0845	63.20	56.20	0	Ø	0940	4"

FIELD DATA COMPLETE QA/QC COC WELL BOX CONDITION SHEETS

MANIFEST DRUM INVENTORY TRAFFIC CONTROL

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: ~~HAFFENSCHEAD~~/RUCKA

Site: WDI-048 Project No.: 125154 Date: 6/26/07

①

Well No. GW-23 Purge Method: SUB

Depth to Water (feet): 56.20 Depth to Product (feet): 0

Total Depth (feet) 63.20 LPH & Water Recovered (gallons): 0

Water Column (feet): 7.00 Casing Diameter (Inches): 4"

80% Recharge Depth(feet): 57.60 1 Well Volume (gallons): 5

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F C)	pH	D.O.	ORP	Turbidity
0900			5	2.81	17.1	6.98			
			10	2.73	17.3	7.21			
	0910		15	2.74	17.5	7.23			

Static at Time Sampled	Total Gallons Purged	Sample Time
56.20	15	0940

Comments:

Well No. GW-22 Purge Method: SUB

Depth to Water (feet): 59.75 Depth to Product (feet): 0

Total Depth (feet) 78.00 LPH & Water Recovered (gallons): 0

Water Column (feet): 18.25 Casing Diameter (Inches): 4"

80% Recharge Depth(feet): 63.40 1 Well Volume (gallons): 12

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F C)	pH	D.O.	ORP	Turbidity
0952			12	2.70	17.8	7.12			
			24	2.67	18.1	7.15			
	1003		36	2.62	18.2	7.19			

Static at Time Sampled	Total Gallons Purged	Sample Time
59.75	36	1020

Comments:

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: ~~HAFKENSCHIED/ROCKA~~

Site: WDI-048 Project No.: 125154 Date: 6/26/07

(2)

Well No. GW-32 Purge Method: SUB

Depth to Water (feet): 43.00 Depth to Product (feet): 0

Total Depth (feet) 125.05 LPH & Water Recovered (gallons): 0

Water Column (feet): 82.05 Casing Diameter (Inches): 4"

80% Recharge Depth(feet): 59.41 1 Well Volume (gallons): 55

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F C)	pH	D.O.	ORP	Turbidity
1050			55	1140	17.2	8.06			
			110	1136	17.5	7.90			
	1150		165	1131	17.6	7.84			

Static at Time Sampled	Total Gallons Purged	Sample Time
43.00	165	1215

Comments:

Well No. GW-01 Purge Method: SUB

Depth to Water (feet): 41.55 Depth to Product (feet): 0

Total Depth (feet) 57.99 LPH & Water Recovered (gallons): 0

Water Column (feet): 16.44 Casing Diameter (Inches): 4"

80% Recharge Depth(feet): 44.83 1 Well Volume (gallons): 11

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F C)	pH	D.O.	ORP	Turbidity
0010			11	3.97	16.5	7.32			
			22	3.92	16.8	7.28			
	0035		33	3.86	16.9	7.25			

Static at Time Sampled	Total Gallons Purged	Sample Time
43.57	33	0050

Comments:

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: HAGENSCHEID / ROCKA

Site: WDI-048 Project No.: 125154 Date: 6/27/07

(3)

Well No. GW-27 Purge Method: SUB

Depth to Water (feet): 47.15 Depth to Product (feet): Ø

Total Depth (feet) 63.00 LPH & Water Recovered (gallons): Ø

Water Column (feet): 15.85 Casing Diameter (Inches): 4"

80% Recharge Depth(feet): 50.32 1 Well Volume (gallons): 11

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F C)	pH	D.O	ORP	Turbidity
0120			11	1256	16.6	7.10			
			22	1251	16.9	7.06			
	0135		33	1244	17.1	7.02			

Static at Time Sampled	Total Gallons Purged	Sample Time
47.15	33	0146

Comments:

Well No. GW-10 Purge Method: SUB

Depth to Water (feet): 44.20 Depth to Product (feet): Ø

Total Depth (feet) 58.00 LPH & Water Recovered (gallons): Ø

Water Column (feet): 13.80 Casing Diameter (Inches): 4"

80% Recharge Depth(feet): 46.96 1 Well Volume (gallons): 9

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F C)	pH	D.O	ORP	Turbidity
0210			9	2.43	16.9	7.24			
			18	2.37	17.2	7.18			
	0230		27	2.31	17.3	7.13			

Static at Time Sampled	Total Gallons Purged	Sample Time
44.42	27	0245

Comments:

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: HAFFENSCHEID/ROCKA

Site: WDI-048 Project No.: 125154 Date: 6/27/07

(4)

Well No. GW-11 Purge Method: SUB

Depth to Water (feet): 44.60 Depth to Product (feet): 0

Total Depth (feet) 128.04 LPH & Water Recovered (gallons): 0

Water Column (feet): 83.44 Casing Diameter (Inches): 4"

80% Recharge Depth(feet): 61.28 1 Well Volume (gallons): 56

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D.O.	ORP	Turbidity
0305			56	2.97	17.4	7.62			
			112	2.92	17.5	7.57			
	0407		168	2.91	17.2	7.54			

Static at Time Sampled	Total Gallons Purged	Sample Time
44.60	168	0432

Comments:

Well No. GW-26 Purge Method: SUB

Depth to Water (feet): 46.19 Depth to Product (feet): 0

Total Depth (feet) 63.00 LPH & Water Recovered (gallons): 0

Water Column (feet): 16.85 Casing Diameter (Inches): 4"

80% Recharge Depth(feet): 49.52 1 Well Volume (gallons): 11

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D.O.	ORP	Turbidity
0620			11	1913	17.2	6.97			
			22	1906	17.4	6.94			
	0640		33	1901	17.7	6.92			

Static at Time Sampled	Total Gallons Purged	Sample Time
46.19	33	0659

Comments:

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: HAFKENSCHEID/ROCKA

Site: WDI-048 Project No.: 125154 Date: 6/27/07

(5)

Well No. GW-30 Purge Method: SUB

Depth to Water (feet): 47.87 Depth to Product (feet): 0

Total Depth (feet) 93.40 LPH & Water Recovered (gallons): 0

Water Column (feet): 45.53 Casing Diameter (Inches): 4"

80% Recharge Depth(feet): 56.97 1 Well Volume (gallons): 31

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F C)	pH	D.O.	ORP	Turbidity
0030			31	1649	16.7	7.08			
			62	1643	16.8	7.02			
	0152		93	1637	17.1	6.96			

Static at Time Sampled	Total Gallons Purged	Sample Time
47.88	93	0210

Comments:

Well No. GW-29 Purge Method: SUB

Depth to Water (feet): 47.85 Depth to Product (feet): 0

Total Depth (feet) 63.57 LPH & Water Recovered (gallons): 0

Water Column (feet): 15.72 Casing Diameter (Inches): 4"

80% Recharge Depth(feet): 50.99 1 Well Volume (gallons): 11

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F C)	pH	D.O.	ORP	Turbidity
0237			11	2.71	16.4	6.98			
			22	2.66	16.6	6.94			
	0256		33	2.62	16.8	6.91			

Static at Time Sampled	Total Gallons Purged	Sample Time
47.85	33	0315

Comments:

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: HAFFENSCHEID/RUKA

Site: WDI-048 Project No.: 125154 Date: 6/27/07

(6)

Well No. GW-33 Purge Method: SUB

Depth to Water (feet): 53.20 Depth to Product (feet): 0

Total Depth (feet) 59.40 LPH & Water Recovered (gallons): 0

Water Column (feet): 6.20 Casing Diameter (Inches): 4"

80% Recharge Depth(feet): 54.44 1 Well Volume (gallons): 4

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F C)	pH	D.O.	ORP	Turbidity
0350			4	2.88	16.8	6.97			
			8	2.83	17.2	6.91			
	0405		12	2.78	17.3	6.86			

Static at Time Sampled	Total Gallons Purged	Sample Time
53.25	12	0430

Comments:

Well No. GW-02 Purge Method: SUB

Depth to Water (feet): 37.15 Depth to Product (feet): 0

Total Depth (feet) 53.00 LPH & Water Recovered (gallons): 0

Water Column (feet): 15.85 Casing Diameter (Inches): 4"

80% Recharge Depth(feet): 40.32 1 Well Volume (gallons): 11

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F C)	pH	D.O.	ORP	Turbidity
0524			11	1663	16.4	7.25			
			22	1658	16.6	7.21			
	0550		33	1652	16.7	7.16			

Static at Time Sampled	Total Gallons Purged	Sample Time
37.42	33	0609

Comments:

TRC

APPENDIX B.13

GROUND WATER MONITORING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE: 6/26/07

TECHNICIAN: HAFFENSCHEED/ROCKA

INSTRUMENT SERIAL NO.: _____

INSTRUMENT MODEL NO.: _____

WELL ID	START TIME	FINISH TIME	TOTAL WELL DEPTH (ft)	DEPTH TO WATER (ft)		VOLUME PURGED (gallon)	TEMP. (°F)	pH	SPECIFIC CONDUCTIVITY (µS/cm)
				Before Sample	After Sample				
BACKGROUND WELLS									
GW-01	0010	0050	57.99	41.55	43.57	33	16.9	7.25	3.86
GW-02	0524	0550	53.00	37.15	37.42	33	16.7	7.16	1.652
GW-11	0305	0432	128.04	44.60	44.60	168	17.2	7.54	2.91
GW-32	1050	1215	125.05	43.00	43.00	165	17.6	7.84	1131
POINT OF COMPLIANCE WELLS									
GW-22	0952	1020	78.00	59.75	59.75	36	18.2	7.19	2.62
GW-23	0900	0940	63.20	56.20	56.20	15	17.5	7.23	2.74
GW-26	0620	0659	63.00	46.15	46.19	33	17.7	6.92	1901
NEAR-SOURCE DETECTION WELLS									
GW-10	0210	0245	58.00	44.20	44.42	27	17.3	7.13	2.31
GW-33	0350	0405	59.40	53.20	53.25	12	17.3	6.86	2.78
VERIFICATION WELLS									
GW-27	0120	0146	63.00	47.15	47.15	33	17.1	7.02	1244
GW-29	0237	0256	63.57	47.85	47.85	33	16.8	6.91	2.62
GW-30	0030	0152	93.40	47.87	47.88	93	17.1	6.96	1637

NOTE:

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APPENDIX B.6

GROUND WATER MONITORING WELL
O&M INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

INSPECTORS NAME	INSPECTORS SIGNATURE	INSPECTION TIME	INSPECTION DATE
HAMMENSCHEED	BSH	0500	6/24/07

WELL ID	WELLHEAD (Well box cover and concrete)	WELL LOCK	WELL CASING	EROSION AROUND WELL	COMMENTS	CHECK (√) WHEN INSPECTED
GW-01	Foundation damage	YES	OK	OK	foundation damage but broken in eye	✓
GW-02	OK	YES	OK	OK		✓
GW-10	OK	YES	OK	OK		✓
GW-11	OK	YES	OK	OK		✓
GW-22	OK	YES	OK	OK		✓
GW-23	OK	YES	OK	OK		✓
GW-26	OK	YES	OK	OK		✓
GW-27	OK	YES	OK	OK		✓
GW-29	Foundation Damage	YES	OK	OK	Foundation damage	✓
GW-30	Lid is bent Foundation damage	unable to lock due to steel cap	OK	OK	Lid is bent foundation damage	✓
GW-32	OK	YES	OK	OK		✓
GW-33	OK	YES	OK	OK		✓

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TRC Customer Focused Solutions

DAILY FIELD REPORT

JOB NAME: WDI-048	PROJECT NUMBER: 125154	DATE: 6/26/07
LOCATION: WDI 048	WEATHER: SUNNY	DAY: Tues
CONTRACTOR: --	FOREMAN:	
FIELD TECHNICIAN: HAFFENSCHEID	INSPECTION/TESTING OF: GW SAmpling	

SUMMARY OF OPERATIONS:

I drove to Shop load up truck with supplies tubing for wells arrived on site had tailgate meeting with RUEKA walked the site gauged all wells took time wells are all over the place people's businesses. Purged 3 wells waited to sample. talk to lab and Grant Heckman and Tom Dan so that took time then went to WDI site pump drums and back to SFS yard drop off bottle order and change Decon.

TRC Alton Geoscience

DAILY FIELD REPORT

JOB NAME: WDI-048	PROJECT NUMBER: 125154	DATE: 6/27/07
LOCATION: WDI-048	WEATHER: Early Morning	DAY: Wed
CONTRACTOR: --	FOREMAN:	
FIELD TECHNICIAN: Haffenschield	INSPECTION/TESTING OF: GW Sampling	

SUMMARY OF OPERATIONS:

I drove to site, arrived on site, had tailgate meeting with RCKA, walked the site, went to purge wells and waited to sample 2 wells located in AW liquid business waited to access purge wells waited ~~waited~~ to sample, clean up trash drove back to shop drop off bottle meet Tim Dean to talk about paper work and samples. Change D-Lun.

TRC Alton Geoscience

3033 REV 08/22/03

DAILY FIELD REPORT

JOB NAME: WDI-048	PROJECT NUMBER: 125154	DATE: 6/28/07
LOCATION: WDI-048	WEATHER:	DAY: Thurs
CONTRACTOR:	FOREMAN:	
FIELD TECHNICIAN: HAPPENSCHEED	INSPECTION/TESTING OF: GW Sampling	

SUMMARY OF OPERATIONS:

I travelled to site. Had tailgate meeting with other tech. walked the site. Removed wells wanted to sample wells. went to sample 4 wells for metals. put locks and 11 out of 12 wells caps. went to pump out drums at WDI site. left drums on site at WDI 62 drums left on site by enclosure. drive back to SPS Yard to do paperwork and coc with Tom Decker also look over bottle order. clean up truck and change Decon.

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Customer-Focused Solutions

DAILY FIELD REPORT

WASTE DISPOSAL, INC.
SANTA FE SPRINGS, CALIFORNIA

TRC | FIGURE J.1

FIELD REPORT - DRUM INVENTORY

Project Number: 125154 Date: 6/28/07

Site/Station I.D. WDI-048

Address: 9905 S. Greenleaf

Active Station? NO

Drums Needed: 3 Drums Used: 3

Drums Empty: Drums Full: 3

Drums Labeled: Not Labeled:

Total Gallons for Today: 171 gallons left

Field Notes: water at WDI site next to enclosure.

Drums needed for next event: Scheduled for:

Special Instructions:

FIELD REPORT - DRUM INVENTORY

Project Number: 125154 Date: 6/26/07

Site/Station I.D. WDI-048

Address: 9905 S, Greenleaf

Active Station? ND

Drums Needed: 4 Drums Used: 4

Drums Empty: 0 Drums Full: 4

Drums Labeled: Not Labeled:

Total Gallons for Today: 216 gallons

Field Notes: left drums on site at WDI located next to system enclosure.

Drums needed for next event: Scheduled for:

Special Instructions:

FIELD REPORT - DRUM INVENTORY

Project Number: 125154 Date: 6/27/07

Site/Station I.D. WDI-048

Address: 9905 S. Greenleaf

Active Station? NO

Drums Needed: 5 Drums Used: 5

Drums Empty: 0 Drums Full: 5

Drums Labeled: Not Labeled:

Total Gallons for Today: 294 gallons

Field Notes: left drums on site at WDI next to system enclosure

Drums needed for next event: Scheduled for:

Special Instructions:

METER CALIBRATION LOG

CLIENT NAME: WDI-048

SITE #: WDI-048

LOCATION: 9905 S. Greenleaf

METER BRAND NAME: OAKTON

METER MODEL #: 945

ALTON METER #: 945

CALIBRATION STANDARD EXP. DATE: 08

CALIBRATED BY: HAFFENSCHEED

DATE: 6/27/07

METER BRAND NAME:

METER MODEL #:

ALTON METER #:

CALIBRATION STANDARD EXP. DATE:

SITE INITIAL CALIBRATION			POST SAMPLING STANDARD MEASUREMENTS		
	Standard	Final Calibrated Values		Standard	Measured Values
pH	4.00	3.93	pH	4.00	
pH	7.00	7.01	pH	7.00	
pH	10.00	10.06	pH	10.00	
Conductivity	1000		Conductivity	1000	
Conductivity	10000	10000	Conductivity	10000	
Turbidity	1.0		Turbidity	1.0	
Turbidity	10.0		Turbidity	10.0	

REMARKS:

SIGNATURE: [signature]

Page 1 of 1

METER CALIBRATION LOG

CLIENT NAME: WDI-048

SITE #: WDI-048

CALIBRATED BY: HAFKENSCHEID

LOCATION: 9905 S. Greenleaf

DATE: 6/28/07

METER BRAND NAME: OAKTON

METER BRAND NAME:

METER MODEL #: 945

METER MODEL #:

ALTON METER #: 945

ALTON METER #:

CALIBRATION STANDARD EXP. DATE: 08

CALIBRATION STANDARD EXP. DATE:

SITE INITIAL CALIBRATION			POST SAMPLING STANDARD MEASUREMENTS		
	Standard	Final Calibrated Values		Standard	Measured Values
pH	4.00	4.00	pH	4.00	
pH	7.00	6.97	pH	7.00	
pH	10.00	10.00	pH	10.00	
Conductivity	1000		Conductivity	1000	
Conductivity	10000	10000	Conductivity	10000	
Turbidity	1.0		Turbidity	1.0	
Turbidity	10.0		Turbidity	10.0	

REMARKS:

SIGNATURE:

Page 1 of 1

METER CALIBRATION LOG

CLIENT NAME: WDI-048

SITE #: WDI-048

LOCATION: 9905 S. Greenleaf

METER BRAND NAME: OAKTON

METER MODEL #: 945

ALTON METER #: 945

CALIBRATION STANDARD EXP. DATE: 08

CALIBRATED BY: HARKENSCHEID

DATE: 6/26/07

METER BRAND NAME:

METER MODEL #:

ALTON METER #:

CALIBRATION STANDARD EXP. DATE:

SITE INITIAL CALIBRATION			POST SAMPLING STANDARD MEASUREMENTS		
	Standard	Final Calibrated Values		Standard	Measured Values
pH	4.00	4.00	pH	4.00	
pH	7.00	7.00	pH	7.00	
pH	10.00	10.00	pH	10.00	
Conductivity	1000		Conductivity	1000	
Conductivity	10000	10000	Conductivity	10000	
Turbidity	1.0		Turbidity	1.0	
Turbidity	10.0		Turbidity	10.0	

REMARKS:

SIGNATURE:

Page 1 of 1

GWMS Health and Safety Plan (HASP)
GWMS Sites throughout California
Date: August 28, 2006

TAILGATE SAFETY MEETING CHECKLIST WDI

Date / Time of Tailgate Meeting: 6/26/07/6/27/07/6/28/07

- [x] **Vehicle Inspection:** Driver will perform Driver's Daily Vehicle Inspection Checklist before leaving the yard or if changing drivers during the day.
- [x] **Personnel training/qualifications:** Check cards for OSHA HAZWOPER 40-hour certification/8-hour-refresher training (or any other specialized training to perform the task if appropriate). TRC personnel have been trained on the Company's Drug and Alcohol Policy and will inform all site personnel.
- [x] **Supplies:** Indicate location of first aid kit, fire extinguisher, clean water supply (drinking, eye wash), and Site Health and Safety Plan (HASP).
- [x] **Emergency services:** Discuss location of nearest telephone and directions to hospital. Map, directions, phone numbers are provided in the HASP (Attachment C).
  The TRC Emergency Twenty-four Hour Number is 1-800-274-0972.

  - **First-Aid/CPR volunteers:** _____

- [x] **Site background:** Discuss types, locations, and concentrations of chemicals found onsite, presence of free product, depth to groundwater, etc.
- [x] **Offsite Permits/Access Permits:** Discuss any permitting requirements for the site.
  Work activities: Discuss scope of work for the day and activities to be performed.
- [x] **Potential hazards: Review JSAs.** Discuss physical, chemical and biological hazards Discuss the prohibiting of any eating, drinking, and/or smoking in the work zone
- [x] **Personal protective equipment (PPE):** Discuss required level of protection; review additional PPE requirements in JSAs, as needed.

  ☐ Hard Hat ☐ Safety Shoes/Boots ☐ Safety Vest ☐ Eye Protection - ☐ glasses ☐ goggles
  ☐ face shield ☐ Hand Protection - ☐ leather ☐ nitrile ☐ other _____ ☐ Hearing Protection
  ☐ Respiratory Protection - ☐ APR Particulate ☐ APR Chemical cartridge ☐ other _____
  ☐ Protective Clothing - ☐ Tyvex ☐ Nomex ☐ Coveralls ☐ other _____

- [x] **Utilities:** Utilities have been cleared/marked by appropriate divisions.
- [x] **Traffic control** (vehicular and pedestrian): Work area is properly delineated and cordoned off from traffic. Technician will put a traffic cone at all four corners of his parked vehicle. Upon completion of work, walk around vehicle to pick up cones and check all four sides and underneath vehicle for obstacles prior to moving truck.
- [x] **Dispenser Emergency Shut-off Switch:** Location has been identified/communicated with field personnel.
- [x] **Dealer Notification:** Notify dealer/owner of site work activities to be performed.
- [x] **ConocoPhillips Safety Video:** Must be observed by every TRC and Subcontractor Personnel Prior to start of Work.
- [x] **COP 5 Safety Principles:** Acknowledge The COP 5 Safety Principles including everyone is empowered to Stop All Unsafe Work.

GWMS Health and Safety Plan (HASP)
GWMS Sites throughout California
Date: August 28, 2006

HASP COMPLIANCE AGREEMENT

By signing below, I have completed the Tailgate Safety Meeting Checklist, reviewed this Site Health and Safety Plan and the Job Safety Analysis (JSA) and understand their contents. I hereby agree to comply with all safety requirements outlined herein:

TRC

Signature: _____, **Site Safety Officer (SSO)**
Print Name: HAFFENSCHEED **Date:** 6/26/07

Signature: _____, **Asst. Site Safety Officer (Asst. SSO)**
Print Name: P.J. ROCKA **Date:** 6/26/07

Contractor:

Signature: _____, **Site Safety Officer (SSO)**
Print Name: HAFFENSCHEED **Date:** 6/27/07

Signature: _____, **Asst. Site Safety Officer (Asst. SSO)**
Print Name: PJ ROCKA **Date:** 6/27/07

Contractor:

Signature: _____, **Site Safety Officer (SSO)**
Print Name: _____ **Date:** 6/28/07

Signature: _____, **Asst. Site Safety Officer (Asst. SSO)**
Print Name: PAUL S ROCKA **Date:** 6/26/07

TRC Employees / Contractor Personnel / Visitors

Signature: _____ Date: _____
Print Name: _____ Company: _____

Signature: _____ Date: _____
Print Name: _____ Company: _____

APPENDIX A.6

VAPOR WELL MONITORING AND INSPECTION DATA SHEETS

APPENDIX B.14

SOIL VAPOR WELL MONITORING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE: 9-26-07

TECHNICIAN: Andy Candelaria

LFG INSTRUMENT – MODEL NO. GEM 2000

LFG INSTRUMENT – SERIAL NO. 07952185

PID/FID INSTRUMENT – MODEL NO.: TVA 1000B 8140

PID/FID INSTRUMENT – SERIAL NO.: 0520012546

AMBIENT AIR TEMPERATURE @ START: 65.1 °F AMBIENT BAROMETRIC PRESSURE @ START: 29.95 in Hg

AMBIENT AIR TEMPERATURE @ END: 98.1 °F AMBIENT BAROMETRIC PRESSURE @ END: 29.92 in Hg

WEATHER: Sunny

WELL ID	SAMPLE TIME	VAPOR WELL DEPTH (feet)	WELL VOLUME (cu.ft.)	GAS TEMP (°F)	WELL HEAD STATIC PRESSURE PRE-PURGE (in. H_2O)	PRE-PURGE WELL GAS READINGS (1)				PURGE TIME (min) @ 2 LPM	PURGED WELL GAS READINGS (1)				SUMMA CAN DATA (2)		WELL HEAD STATIC PRESSURE POST-PURGE (in. H_2O)
						CH_4 (%)	CO_2 (%)	O_2 (%)	VOCs (ppmv)		CH_4 (%)	CO_2 (%)	O_2 (%)	VOCs (ppmv)	Initial Pressure (in. Hg)	Final Pressure (in. Hg)	
COMPLIANCE VAPOR MONITORING (PERIMETER) WELLS																	
VW-29-S																	
VW-29-I																	
VW-29-D																	
VW-31-S																	
VW-31-D																	
VW-32-S																	
VW-32-I																	
VW-32-D																	
VW-33-S																	
VW-33-D																	
VW-34-S	1104	10'	0.055	94	-0.01	00.0	8.9	10.0	2.22	2.32	00.0	8.7	10.4	4.66	-28.1	-5.6	00.0
VW-34-I	1104	23'	0.126	94	-0.00	.1	7.2	9.5	2.30	5.5	00.0	10.0	19.8	2.47	-28.2	-6.5	00.0
VW-34-D	1104	40	0.219	94	-0.01	00.0	5.8	10.2	-1.32	9.3	00.0	10.5	2.8	*	-28.2	-6.3	00.0
VW-36-S																	
VW-36-D																	
VW-37-S																	
VW-37-D																	
VW-38-S																	
VW-38-D																	
VW-39-S																	
VW-39-D																	
VW-41-S																	
VW-41-D																	
VW-42-S	12:40	10'	0.055	106	00.0	.1	6.9	13.8	-3.50	2.32	.1	5.4	14.9	-2.80	-27.8	-6.4	00.0
VW-42-D	12:40	0.164	0.164	106	0.01	.1	10.8	8.8	*	7.00	.1	10.5	8.0	*	-28.0	-7.7	00.0

* Element

(1) CH_4, CO_2, and O_2 to be sampled using LFG Instrument (Landtec GEM 2000 or equivalent). TGNMO (VOCs) to be field analyzed by the PID/FID (Foxboro TVA 1000 or equivalent).

(2) Summa samples to be analyzed by EPA Method TO-15 (VOCs) and SCAQMD Method 25.1 (TGNMO, CH_4, CO_2 and O_2)

-28.1 -6.8

VW42 AMB

TRC Customer-Focused Solutions

APPENDIX B.14

9-26-07

SOIL VAPOR WELL MONITORING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

WELL ID	SAMPLE TIME	VAPOR WELL DEPTH (feet)	WELL VOLUME (cu.ft.)	GAS TEMP (°F)	WELL HEAD STATIC PRESSURE PRE-PURGE (in. H_2O)	PRE-PURGE WELL GAS READINGS (1)				PURGE TIME (min) @ 2 LPM	PURGED WELL GAS READINGS (1)				SUMMA CAN DATA (2)		WELL HEAD STATIC PRESSURE POST-PURGE (in. H_2O)
						CH_4 (%)	CO_2 (%)	O_2 (%)	VOCs (ppmv)		CH_4 (%)	CO_2 (%)	O_2 (%)	VOCs (ppmv)	Initial Pressure (in. Hg)	Final Pressure (in. Hg)	
NON-COMPLIANCE VAPOR MONITORING WELLS																	
VW-25																	
VW-30-S	0750	7'	0.039	64	-.035	00.0	5.1	13.0	4.20	2.0	00.0	4.9	13.5	*	-29.4	-7.2	0.0
VW-30-I	0750	23'	0.126	64	.00	00.0	00.0	20.3	*	5.6	00.0	11.1	2.4	*	-29.4	-5.9	-.05
VW-30-D	0750	35'	0.191	64	- .03	00.0	7.7	4.9	*	8.1	00.0	11.1	2.2	*	-29.4	-3.80	-.065
VW-35-S																	
VW-35-D																	
VW-46-S																	
VW-46-I																	
VW-46-D																	
VW-49-S																	
VW-49-I																	
VW-49-D																	
VW-51-S	0910	8'	0.044	78	-0.08	.2	12.0	0.0	*	2.4	.2	10.8	0.0	*	-29.4	-4.4	-0.05
VW-51-I	0910	18'	0.098	78	-0.10	>>>	2.5	1.4	*	4.2	54.5	1.1	10.6	*	-29.3	-6.1	-0.10
VW-51-D	0910	30'	0.164	78	-0.15	.2	6.5	8.6	*	7.0	0.0	0.0	20.1	*	-29.2	-5.2	-0.18
VW-55-S																	
VW-55-I																	
VW-55-D																	
VW-56-S																	
VW-56-I																	
VW-56-D																	
VW-58-S																	
VW-58-I																	
VW-58-D																	
VW-61-S																	
VW-61-I																	
VW-61-D																	
VW-62-S																	
VW-62-I																	
VW-62-D																	
NOTES: * FLAMEOUT																	
VW 51DAC															-28.2	-4.6	

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(1) CH_4, CO_2, and O_2 to be sampled using LFG Instrument (Landtec GEM 2000 or equivalent). TGNMO (VOCs) to be field analyzed by the PID/FID (Foxboro TVA 1000 or equivalent).

(2) Summa samples to be analyzed by EPA Method TO-15 (VOCs) and SCAQMD Method 25.1 (TGNMO, CH_4, CO_2 and O_2)

TRC
Customer-Focused Solutions

DAILY FIELD REPORT

JOB NAME: WDI	PROJECT NUMBER: 125154.0000.0006	DATE: 9-23-07
LOCATION:	WEATHER: sunny	DAY:
CONTRACTOR:	FOREMAN:	
FIELD TECHNICIAN: Andy Candelaria	INSPECTION/TESTING OF: VW wells	

SUMMARY OF OPERATIONS:

Gather appropiate well DATA, purge and summa SAMPLED.
wells completed TODAY → VW31, VW38, VW55, AND VW56
Duplicate sample TAKEN FROM VW38 D(AC).

TRC Alton Geoscience

9-23-07
Andy Candelaria
LFG - GEM 7000 FID - TVA 1000B - 81040
↓ - GM07952105 " - 0520012546

Start temp - 64.7 BAR - 29.96
END temp - 88.0 BAR - 29.99

APPENDIX B.14

SOIL VAPOR WELL MONITORING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

WELL ID	SAMPLE TIME	VAPOR WELL DEPTH (feet)	WELL VOLUME (cu.ft.)	GAS TEMP (°F)	WELL HEAD STATIC PRESSURE PRE-PURGE (in. H_2O)	PRE-PURGE WELL GAS READINGS (1)				PURGE TIME (min) @ 2 LPM	PURGED WELL GAS READINGS (1)				SUMMA CAN DATA (2)		WELL HEAD STATIC PRESSURE POST-PURGE (in. H_2O)
						CH_4 (%)	CO_2 (%)	O_2 (%)	VOCs (ppmv)		CH_4 (%)	CO_2 (%)	O_2 (%)	VOCs (ppmv)	Initial Pressure (in. Hg)	Final Pressure (in. Hg)	
NON-COMPLIANCE VAPOR MONITORING WELLS																	
VW-25																	
VW-30-S																	
VW-30-I																	
VW-30-D																	
VW-35-S																	
VW-35-D																	
VW-46-S																	
VW-46-I																	
VW-46-D																	
VW-49-S																	
VW-49-I																	
VW-49-D																	
VW-51-S																	
VW-51-I																	
VW-51-D																	
VW-55-S	0810	5'	0.03	62	0.0	4.4	11.0	00	3.72	2.0	4.4	10.9	00	4.70	-29.3	-5.8	-.01
VW-55-I	0810	18'	0.098	62	-.1	00.0	3.6	13.2	3.60	4.5	.1	16.3	00	3.94	-29.3	-6.0	-.15
VW-55-D	0810	29'	0.156	62	-.12	00.0	.1	20.0	30.25	6.9	00.0	00.0	20.4	3.30	-29.5	-5.6	-.08
VW-56-S	0945	8'	0.044	76	-.04	00.0	16.7	.3	2.46	2.0	00.0	16.2	.3	5.58	-29.5	-5.3	-.03
VW-56-I	0945	17'	0.091	76	-.13	00.0	00.0	20.2	2.40	4.1	00.0	00.0	20.1	1.83	-29.0	-6.5	-.07
VW-56-D	0947	28'	0.153	76	-.12	00.0	00.0	20.2	7.13	6.8	00.0	00.0	20.1	1.71	-29.0	-4.6	-.08
VW-58-S																	
VW-58-I																	
VW-58-D																	
VW-61-S																	
VW-61-I																	
VW-61-D																	
VW-62-S																	
VW-62-I																	
VW-62-D																	
NOTES:																	

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(1) CH_4, CO_2, and O_2 to be sampled using LFG Instrument (Landtec GEM 2000 or equivalent). TGNMO (VOCs) to be field analyzed by the PID/FID (Foxboro TVA 1000 or equivalent).

(2) Summa samples to be analyzed by EPA Method TO-15 (VOCs) and SCAQMD Method 25.1 (TGNMO, CH_4, CO_2 and O_2)

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APPENDIX B.14

SOIL VAPOR WELL MONITORING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE: 9-23-07

TECHNICIAN: Andy Candelaria

LFG INSTRUMENT – MODEL NO.: GEM 7000

LFG INSTRUMENT – SERIAL NO.: GM07952105

PID/FID INSTRUMENT – MODEL NO.: TVA 1000B-810140

PID/FID INSTRUMENT – SERIAL NO.: 0520012546

AMBIENT AIR TEMPERATURE @ START: 64.7 °F AMBIENT BAROMETRIC PRESSURE @ START: 29.96 in Hg

AMBIENT AIR TEMPERATURE @ END: 88.0 °F AMBIENT BAROMETRIC PRESSURE @ END: 29.99 in Hg

WEATHER: Sunny

WELL ID	SAMPLE TIME	VAPOR WELL DEPTH (feet)	WELL VOLUME (cu.ft.)	GAS TEMP (°F)	WELL HEAD STATIC PRESSURE PRE-PURGE (in. H_2O)	PRE-PURGE WELL GAS READINGS (1)				PURGE TIME (min) @ 2 LPM	PURGED WELL GAS READINGS (1)				SUMMA CAN DATA (2)		WELL HEAD STATIC PRESSURE POST-PURGE (in. H_2O)
						CH_4 (%)	CO_2 (%)	O_2 (%)	VOCs (ppmv)		CH_4 (%)	CO_2 (%)	O_2 (%)	VOCs (ppmv)	Initial Pressure (in. Hg)	Final Pressure (in. Hg)	
COMPLIANCE VAPOR MONITORING (PERIMETER) WELLS																	
VW-29-S																	
VW-29-I																	
VW-29-D																	
VW-31-S	1100	10'	0.055	82	00.0	00.0	4.2	15.7	1.70	2.32	00.0	4.3	15.6	1.50	-28.7	-6.6	-00.0
VW-31-D	1100	30'	0.164	82	00.0	00.0	0.1	20.3	1.59	7.00	00.0	7.0	10.7	-2.39	-28.4	-5.6	-0.02
VW-32-S																	
VW-32-I																	
VW-32-D																	
VW-33-S																	
VW-33-D																	
VW-34-S																	
VW-34-I																	
VW-34-D																	
VW-36-S																	
VW-36-D																	
VW-37-S																	
VW-37-D																	
VW-38-S	0715	10'	0.055	60	00.0	00.0	9.8	5.5	1.75	2.32	00.0	9.6	5.9	1.49	-29.8	-7.2	-0.09
VW-38-D	0715	34'	0.186	60	-0.06	00.0	00.0	20.4	.01	8.0	00.0	00.0	20.6	1.79	-29.7	-6.6	-0.09
VW-39-S																	
VW-39-D																	
VW-41-S																	
VW-41-D																	
VW-42-S																	
VW-42-D																	
VW38 DUP															-29.7	-6.1	

(1) CH_4, CO_2, and O_2 to be sampled using LFG Instrument (Landtec GEM 2000 or equivalent). TGNMO (VOCs) to be field analyzed by the PID/FID (Foxboro TVA 1000 or equivalent).

(2) Summa samples to be analyzed by EPA Method TO-15 (VOCs) and SCAQMD Method 25.1 (TGNMO, CH_4, CO_2 and O_2)

TRC
Customer-Focused Solutions

DAILY FIELD REPORT

JOB NAME: WDI	PROJECT NUMBER: 125154.0000.0000	DATE: 9-18-07
LOCATION:	WEATHER: Sunny	DAY:
CONTRACTOR:	FOREMAN:	
FIELD TECHNICIAN: Andy Candelaria	INSPECTION/TESTING OF: Vapor well sampling: VW 41, VW38, VW37, VW36	

SUMMARY OF OPERATIONS:

calibrated instruments. Filled soil vapor well Data sheet.
summa sample wells → VW 41, VW38, VW37, VW 36.
Duplicate sample of VW 41-D taken.

TRC Alton Geoscience

DAILY FIELD REPORT

JOB NAME: WDI	PROJECT NUMBER: 125154.0000.0000	DATE: 9-20-07
LOCATION:	WEATHER: overcast	DAY:
CONTRACTOR:	FOREMAN:	
FIELD TECHNICIAN: Andy Candelaria	INSPECTION/TESTING OF: vapor well sampling of wells VW35, VW62, VW49, VW58	

SUMMARY OF OPERATIONS:

calibrated instruments.
Filled soil vapor well data sheet.
inspect wells (Bio vent).
Summa sample wells: VW35, VW62, VW49, VW58
Duplicate sample of well VW35D taken.
Ambient sample of well 62 taken.

TRC Alton Geoscience

DAILY FIELD REPORT

JOB NAME: WDI	PROJECT NUMBER: 125154.0000.0000	DATE: 9-26-07
LOCATION:	WEATHER: HOT	DAY:
CONTRACTOR:	FOREMAN:	
FIELD TECHNICIAN: Andy Candelaric	INSPECTION/TESTING OF: VW wells.	

SUMMARY OF OPERATIONS:

Filled DATA sheets.
purged wells & summa sample. wells DONE are as follow: VW30, VW51, VW34, VW42.
Duplicate sample is VW51 DAC
ambient sample taken of VW42.

TRC Alton Geoscience

APPENDIX B.14

SOIL VAPOR WELL MONITORING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE:	TECHNICIAN:	LFG INSTRUMENT – MODEL NO.: GEM 2000	PID/FID INSTRUMENT – MODEL NO.: TVA 1000B 01140
9-27-07	Andy Candelaria	LFG INSTRUMENT – SERIAL NO. 07952105	PID/FID INSTRUMENT – SERIAL NO. 05 20012546

AMBIENT AIR TEMPERATURE @ START: 68 °F AMBIENT BAROMETRIC PRESSURE @ START: 29.95 in Hg

AMBIENT AIR TEMPERATURE @ END: 91.7 °F AMBIENT BAROMETRIC PRESSURE @ END: 29.90 in Hg

WEATHER: Hot

WELL ID	SAMPLE TIME	VAPOR WELL DEPTH (feet)	WELL VOLUME (cu.ft.)	GAS TEMP (°F)	WELL HEAD STATIC PRESSURE PRE-PURGE (in. H_2O)	PRE-PURGE WELL GAS READINGS (1)				PURGE TIME (min) @ 2 LPM	PURGED WELL GAS READINGS (1)				SUMMA CAN DATA (2)		WELL HEAD STATIC PRESSURE POST-PURGE (in. H_2O)
						CH_4 (%)	CO_2 (%)	O_2 (%)	VOCs (ppmv)		CH_4 (%)	CO_2 (%)	O_2 (%)	VOCs (ppmv)	Initial Pressure (in. Hg)	Final Pressure (in. Hg)	
COMPLIANCE VAPOR MONITORING (PERIMETER) WELLS																	
VW-29-S	0807	10'	0.055	64	00.0	00.0	4.0	14.6	.09	2.32	00.0	4.6	13.8		-29.0	-6.5	+.01
VW-29-I	0807	23'	0.125	64	.02	00.0	5.0	11.2	1.05	5.50	00.0	6.7	8.1		-28.7	-6.1	00.0
VW-29-D	0807	35'	0.191	64	.06	00.0	00.0	20.2	1.60	8.1	00.0	8.7	5.2		-29.3	-6.2	+.0002
VW-31-S																	
VW-31-D																	
VW-32-S																	
VW-32-I																	
VW-32-D																	
VW-33-S																	
VW-33-D																	
VW-34-S																	
VW-34-I																	
VW-34-D																	
VW-36-S																	
VW-36-D																	
VW-37-S																	
VW-37-D																	
VW-38-S																	
VW-38-D																	
VW-39-S																	
VW-39-D																	
VW-41-S																	
VW-41-D																	
VW-42-S																	
VW-42-D																	

(1) CH_4, CO_2, and O_2 to be sampled using LFG Instrument (Landtec GEM 2000 or equivalent). TGNMO (VOCs) to be field analyzed by the PID/FID (Foxboro TVA 1000 or equivalent).

(2) Summa samples to be analyzed by EPA Method TO-15 (VOCs) and SCAQMD Method 25.1 (TGNMO, CH_4, CO_2 and O_2)

TRC
Customer-Focused Solutions

9-27-07
Andy Candela

APPENDIX B.14

SOIL VAPOR WELL MONITORING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

WELL ID	SAMPLE TIME	VAPOR WELL DEPTH (feet)	WELL VOLUME (cu.ft.)	GAS TEMP (°F)	WELL HEAD STATIC PRESSURE PRE-PURGE (in. H_2O)	PRE-PURGE WELL GAS READINGS (1)				PURGE TIME (min) @ 2 LPM	PURGED WELL GAS READINGS (1)				SUMMA CAN DATA (2)		WELL HEAD STATIC PRESSURE POST-PURGE (in. H_2O)
						CH_4 (%)	CO_2 (%)	O_2 (%)	VOCs (ppmv)		CH_4 (%)	CO_2 (%)	O_2 (%)	VOCs (ppmv)	Initial Pressure (in. Hg)	Final Pressure (in. Hg)	
NON-COMPLIANCE VAPOR MONITORING WELLS																	
VW-25	1045	35	0.191	88	+0.18	~~[illegible]~~ .4	~~[illegible]~~ 14.5	~~[illegible]~~ 00.0	* -3.57	8.1	0.3	15.4	0.1	860	-28.5	-6.3	+0.12
VW-30-S									*								
VW-30-I																	
VW-30-D																	
VW-35-S																	
VW-35-D																	
VW-46-S	1242	6.5"	0.035	~~[illegible]~~ 96	+.01	0.1	2.0	15.0	-2.15	2.0	00.0	8.5	5.1	*	-28.5	-5.7	0.0
VW-46-I	1242	15'	0.032	~~[illegible]~~ 96	+.01	0.1	8.7	4.9	*	3.5	0.1	8.8	4.9	-1.78	-28.5	-5.7	-0.1
VW-46-D	1242	27	0.148	~~[illegible]~~ 96	000	.4	2.6	0.0	2.08	6.0	0.1	00.0	19.6	1.40	-28.6	-1.8	0.0
VW-49-S																	
VW-49-I																	
VW-49-D																	
VW-51-S																	
VW-51-I																	
VW-51-D																	
VW-55-S																	
VW-55-I																	
VW-55-D																	
VW-56-S																	
VW-56-I																	
VW-56-D																	
VW-58-S																	
VW-58-I																	
VW-58-D																	
VW-61-S	0935	15'	0.082	86	000	00.0	00.0	~~[illegible]~~ 20.9	2.80	3.5	00.0	00.0	20.1	4.90	-29.2	-5.6	.01
VW-61-I	0935	25'	0.136	86	00.0	00.0	6.5	5.4	3.44	5.8	00.0	9.1	0.4	2.50	-29.1	-6.0	.015
VW-61-D	0935	35'	0.191	86	00.0	00.0	2.5	16.4	3.25	8.1	00.0	00.0	19.8	2.20	-29.1	-5.5	000
VW-62-S																	
VW-62-I																	
VW-62-D																	
															-29.6	-6.5	

NOTES:
Valve Dry

* Flameout

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(1) CH_4, CO_2, and O_2 to be sampled using LFG Instrument (Landtec GEM 2000 or equivalent). TGNMO (VOCs) to be field analyzed by the PID/FID (Foxboro TVA 1000 or equivalent).

(2) Summa samples to be analyzed by EPA Method TO-15 (VOCs) and SCAQMD Method 25.1 (TGNMO, CH_4, CO_2 and O_2)

TRC
Customer-Focused Solutions

APP. DIX B.7

SOIL VAPOR MONITORING WELL
O&M INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

INSPECTORS NAME	INSPECTORS SIGNATURE	INSPECTION TIME	INSPECTION DATE
Andy Candelaria	[signature]	0650	9-18-07/9-23-07

WELL ID	WELLHEAD (Well box, cover, concrete)	WELL LOCK	WELL CASING	EROSION AROUND WELL	COMMENTS	CHECK (√) WHEN INSPECTED
VW-29	OK	–	OK	NO		9-27-07
VW-31	OK	–	OK	NO		9-23-07
VW-32						
VW-33						
VW-34	OK	–	OK	NO		9-26-07
VW-36	OK	–	OK	NO		9-18-07
VW-37	OK	–	OK	NO		9-18-07
VW-38	OK	–	OK	NO		~~9-18-07~~ 9-23-07
VW-39	OK	–	OK	NO		9-18-07
VW-41	OK	–	OK	NO		9-18-07
VW-42	OK	–	OK	NO		9-26-07
VW-25	OK	–	OK	NO		9-27-07
VW-30	OK	–	OK	NO	Difficult to remove bolts	9-26-07
VW-35	OK	–	OK	NO		9-20-07
VW-46	OK	–	OK			9-27-07
VW-49	OK	–	OK	NO		9-20-07
VW-51	OK	–	OK	NO	Difficult to remove bolts	9-26-07
VW-55	OK	–	OK	NO		9-23-07
VW-56	OK	–	OK	NO		9-23-07
VW-58	OK	–	OK	NO		9-20-07
VW-61	OK	–	OK	NO	Need caps + valves	9-27-07
VW-62	OK	–	OK	NO		9-20-07

DAILY FIELD REPORT

JOB NAME: WDI	PROJECT NUMBER: 125154.0000.0000	DATE: 9-27-07
LOCATION:	WEATHER: Hot	DAY:
CONTRACTOR:	FOREMAN:	
FIELD TECHNICIAN: Andy Candelan	INSPECTION/TESTING OF: VApor samples.	

SUMMARY OF OPERATIONS:

Instruments calibrated. Data sheets completed.
Summa sample wells - VW29, VW61, VW25, VW46
Duplicate sample VW61 (DAC).

TRC Alton Geoscience

TABLE W.1
INSTRUMENT CALIBRATION CHECKLIST

DATE	INSTRUMENT	SERIAL NO.	CALIBRATION GAS USED	FINAL CALIBRATION READING	BATTERY CHECK	CALIBRATED BY
9-20-07	Gem 7000	GM0795210 5	CH4 50% CO2 35% N2 15%		OK	AC
9-20-07	TVA 1000B-81040	0520012546	ISO 100ppm		OK	↓
9-18-07	Gem 7000	GM0795210 5	CH4 50% CO2 35% N2 15%		OK	↓
9-18-07	TVA 1000B-81040	0520012546	ISO 100ppm		OK	↓
9-26-07	Gem 7000	GM0795210 5	CH4 50% CO2 35% N2 15%		OK	AC
9-26-07	TVA 1000B-81040	0520012546	ISO 100ppm		OK	↓
9-27-07	Gem 7000	GM0795210 5	CH4 50% CO2 35% N2 15%		OK	[illegible]
9-27-07	TVA 1000B-81040	0520124	ISO 100ppm		OK	[illegible]

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Customer-Focused Solutions

APPENDIX B.14

SOIL VAPOR WELL MONITORING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE: 9-18-07

TECHNICIAN: ANDY CANDELARIA

LFG INSTRUMENT – MODEL NO.: GEM 2000

LFG INSTRUMENT – SERIAL NO.: GM07952105

PID/FID INSTRUMENT – MODEL NO.: TVA-1000B-81040

PID/FID INSTRUMENT – SERIAL NO.: 0520012546

AMBIENT AIR TEMPERATURE @ START: 61.5 °F AMBIENT BAROMETRIC PRESSURE @ START: 29.97 in Hg

AMBIENT AIR TEMPERATURE @ END: 83.4 °F AMBIENT BAROMETRIC PRESSURE @ END: 29.90 in Hg

WEATHER: Sunny

WELL ID	SAMPLE TIME	VAPOR WELL DEPTH (feet)	WELL VOLUME (cu.ft.)	GAS TEMP (°F)	WELL HEAD STATIC PRESSURE PRE-PURGE (in. H_2O)	PRE-PURGE WELL GAS READINGS (1)				PURGE TIME (min) @ ____ LPM	PURGED WELL GAS READINGS (1)				SUMMA CAN DATA (2)		WELL HEAD STATIC PRESSURE POST-PURGE (in. H_2O)
						CH_4 (%)	CO_2 (%)	O_2 (%)	VOCs (ppmv)		CH_4 (%)	CO_2 (%)	O_2 (%)	VOCs (ppmv)	Initial Pressure (in. Hg)	Final Pressure (in. Hg)	
COMPLIANCE VAPOR MONITORING (PERIMETER) WELLS																	
VW-29-S																	
VW-29-I																	
VW-29-D																	
VW-31-S																	
VW-31-D																	
VW-32-S																	
VW-32-I																	
VW-32-D																	
VW-33-S																	
VW-33-D																	
VW-34-S																	
VW-34-I																	
VW-34-D																	
VW-36-S	1208	10 FT	0.055	92°	0.0	00.0	7.2	8.0	*	2.32	00.0	7.8	7.4	-0.1		-6.0	0.0
VW-36-D	1208	30 FT	0.164	92°	+.06	00.0	6.0	7.1	*	7.0	00.0	6.2	7.0	*		-5.4	+.07
VW-37-S	1108	10 FT	0.055	80°	0.0	00.0	8.3	6.4	.14	2.32	00.0	7.8	6.0	+0.14		-6.0	+.02
VW-37-D	1108	30 FT	0.164	80°	0.0	00.0	9.8	3.2	.05	7.0	00.0	8.6	2.6	*		-7.0	+.01
VW-38-S																	
VW-38-D																	
VW-39-S	0910	7 FT	0.039	74°	0.0	00.0	8.4	8.2	.18	2.0	00.0	8.6	7.8	+0.1		-6.0	.00.
VW-39-D	0910	30 FT	0.164	74°	+0.01	00.0	3.6	7.2	.45	7.0	00.0	3.8	7.0	+.79		-5.8	.00
VW-41-S	0700	7 FT	0.039	66°	+0.02	00.0	0.2	20.2	2.01	2.0	00.0	.5	19.6	1.90		-6.0	+0.02
VW-41-D	0700	20 FT	0.109	66°	0.0	00.0	.03	20.5	1.90	4.6	00.0	.1	20.1	2.00		-.4	+0.01
VW-42-S																	
VW-42-D																	

(1) CH_4, CO_2, and O_2 to be sampled using LFG Instrument (Landtec GEM 2000 or equivalent). TGNMO (VOCs) to be field analyzed by the PID/FID (Foxboro TVA 1000 or equivalent).

(2) Summa samples to be analyzed by EPA Method TO-15 (VOCs) and SCAQMD Method 25.1 (TGNMO, CH_4, CO_2 and O_2)

* FLAMEOUT

TRC
Customer Focused Solutions

Andy Candelaria weather - cloudy

9-20-07 Start temp - 61.4° Baro. - 29.87
End temp - 89.9 " . -29.87

APPENDIX B.14

SOIL VAPOR WELL MONITORING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

WELL ID	SAMPLE TIME	VAPOR WELL DEPTH (feet)	WELL VOLUME (cu.ft.)	GAS TEMP (°F)	WELL HEAD STATIC PRESSURE PRE-PURGE (in. H_2O)	PRE-PURGE WELL GAS READINGS (1)				PURGE TIME (min) @ 2.0 LPM	PURGED WELL GAS READINGS (1)				SUMMA CAN DATA (2)		WELL HEAD STATIC PRESSURE POST-PURGE (in. H_2O)
						CH_4 (%)	CO_2 (%)	O_2 (%)	VOCs (ppmv)		CH_4 (%)	CO_2 (%)	O_2 (%)	VOCs (ppmv)	Initial Pressure (in. Hg)	Final Pressure (in. Hg)	
NON-COMPLIANCE VAPOR MONITORING WELLS																	
VW-25																	
VW-30-S																	
VW-30-I																	
VW-30-D																	
VW-35-S	0745	10'	0.055		+.005	00.0	07.0	9.6	1.20	2.32	00.0	08.0	12.0	2.80	-29.6	-5.1	
VW-35-D	0745	38'	0.208	64	+.01	00.0	06.8	11.9	2.21	8.6	00.0	08.6	8.5	2.47	-29.5	-7.4	-.07
VW-46-S																	
VW-46-I																	
VW-46-D																	
VW-49-S	1103	10'	0.055	80	-0.03	00.0	07.1	10.8	3.96	2.32	00.0	10.5	5.9	3.50	28.2	-5.8	00.0
VW-49-I	1103	18'	0.098	80	00.0	00.0	05.3	13.4	4.30	4.2	00.0	04.8	15.5	3.25	28.2	-0.9	-.02
VW-49-D	1103	30'	0.164	80	-0.03	00.0	00.0	20.3	4.10	7.0	00.0	12.7	02.3	*	28.3	-6.5	+.01
VW-51-S																	
VW-51-I																	
VW-51-D																	
VW-55-S																	
VW-55-I																	
VW-55-D																	
VW-56-S																	
VW-56-I																	
VW-56-D																	
VW-58-S	1224	8'	0.044	80	+.01	00.0	08.4	4.9	.56	2.0	00.0	08.4	4.8	.50	-28.6	-5.7	+.01
VW-58-I	1224	19'	0.104	80	+.10	00.0	12.0	3.0	*	4.5	00.0	12.3	2.9	*	-28.7	-6.5	+.11
VW-58-D	1224	29'	0.159	80	+.12	00.0	12.3	2.9	*	6.5	00.0	12.2	3.0	*	-28.4	-6.4	+.13
VW-61-S																	
VW-61-I																	
VW-61-D																	
VW-62-S	0920	8'	0.044	70	00.0	05.2	16.1	00.0	4.11	2.10	00.5	16.0	00.0	3.06	-29.1	-5.1	-.05
VW-62-I	0920	18'	0.097	70	+.25	00.0	00.0	20.3	4.80	4.4	00.0	14.6	00.6	3.35	-29.1	-5.5	-.22
VW-62-D	0920	29'	0.159	70	+.26	00.0	00.0	20.2	4.56	6.8	00.0	00.0	20.4	3.61	-29.1	-5.8	-.24
NOTES: VW62 - Ambient.															-29.2	-6.5	
* Flame out																	

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(1) CH_4, CO_2, and O_2 to be sampled using LFG Instrument (Landtec GEM 2000 or equivalent): TGNMO (VOCs) to be field analyzed by the PID/FID (Foxboro TVA 1000 or equivalent).

(2) Summa samples to be analyzed by EPA Method TO-15 (VOCs) and SCAQMD Method 25.1 (TGNMO, CH_4, CO_2 and O_2)

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APPENDIX A.7

STORMWATER DRAINAGE SYSTEM O&M INSPECTION SHEET

APPE. IX B.8

STORM DRAINAGE SYSTEM[1]
O&M INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

INSPECTORS NAME	INSPECTORS SIGNATURE	INSPECTION TIME	INSPECTION DATE
TOM DEEN	Tom Deen	0700	4/2/07

ITEM OF POTENTIAL CONCERN	COMMENTS	CHECK (√) WHEN INSPECTED
Catch Basin (near east corner)	SOME SEDIMENT IN BASIN	✓
Excessive Sediment Build-up	No	✓
Excessive Vegetation Growth	No	
Drain Pipe from French Drain (Blockage, liquid flow)	No BLOCKAGE - NOTED SLIGHT WATER FLOW	✓
Cleanouts for Drainage Trench Collection Pipe (Ring and cover condition, blockage)	No blockage. RING AND COVER OK	✓
Erosion	No	✓

(1) Inspector shall check all drainage courses and outfalls and report observations on this form.

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APPENDIX B.8

STORM DRAINAGE SYSTEM[1]
O&M INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE
(Continued)

ITEM OF POTENTIAL CONCERN	COMMENTS	CHECK (√) WHEN INSPECTED
Settlement	NONE OBSERVED	✓
Cracks	NONE OBSERVED	✓
Other:	SILT FENCE ~~BEHIND MERSITS~~ ON PERIMETER FENCE FALLING DOWN BROKEN SAND BAGS AT MERSITS/PITTS DRIVEWAY	✓
Other:	SOME SEDIMENT ACCUMULATION ON PITTS ASPHALT IMMEDIATELY EAST OF SLIDING GATE	✓

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(1) Inspector shall check all drainage courses and outfalls and report observations on this form.

APPENDIX A.8

LEACHATE COLLECTION WELL MONITORING AND INSPECTION DATA SHEETS

LEACHATE COLLECTION WELL MONITORING AND INSPECTION DATA SHEETS
(PROVIDED ON CD)

UNSCANNABLE MEDIA

To use the unscannable media document # 2142526
contact the Region IX Superfund Records Center
at (415) 536-2000.

APPENDIX A.9

SITE SECURITY INSPECTION SHEETS

APPENDIX B.10

SITE SECURITY INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

INSPECTORS NAME	INSPECTORS SIGNATURE	INSPECTION TIME	INSPECTION DATE
Andy Candelaria	[signature]	1100	9-23-07

ITEM OF POTENTIAL CONCERN	COMMENTS		CHECK (√) WHEN INSPECTED
Security Fence			✓
Erosion or Undermining of Security Fence			✓
Access Gates			✓
Locks of Access Gates			✓
Warning Signs			✓
Stray-Ball Fence Condition (fabric, steel cables/hardware, etc.)			
Other:			

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APPENDIX A.10

LANDSCAPE AND VEGETATION MAINTENANCE INSPECTION SHEET

APPENDIX B.11

LANDSCAPE MAINTENANCE INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

INSPECTORS NAME	INSPECTORS SIGNATURE	INSPECTION TIME	INSPECTION DATE
TOM DEEN	Tom Deen	0830	4/6/07

ITEM OF POTENTIAL CONCERN	COMMENTS	CHECK (√) WHEN INSPECTED
Condition of shrubs and planted vegetation	GOOD	✓
Irrigation system operation and components	GOOD	✓
Weed growth	WEEDS UNDER CONTROL SITE ~~[illegible]~~ MAY NEED MOWING IN MAY/JUNE	✓
Erosion around planted vegetation	NO	✓
Vectors (Mosquitoes, rats, mice)	NO	✓
Site Housekeeping	GOOD	✓
Other:		

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APPENDIX A.10

LANDSCAPE AND VEGETATION MAINTENANCE INSPECTION SHEETS

APPENDIX A.11

SUMMA CANISTER LABORATORY QUALITY CONTROL DATA SHEETS

Columbia Analytical Services, Inc.
Air Quality Laboratory
An Employee Owned Company

10964
15-Oct-07

PACKING SLIP

Tom Dean
TRC
21 Technology Drive
Irvine, CA 92618 USA

Ship To: Tom Deen-WDI Site
TRC-WDI
9635 Santa Fe Springs Road
Santa Fe Springs, CA 90670 USA

TYPE	ID	Vacuum Pressure	Est. Replacement Cost
C of C Forms	(2)		
Canister, Summa (S)	SC00040	-29 in Hg	$550.00
Canister, Summa (S)	SC00917	-29 in Hg	$550.00
Critical Orifice Assembly	(2)		$20.00
		Total Estimated Replacement Cost:	$1,120.00

Golden State Overnight

Scheduled By Kate Aguilera
Shipped By: Anthony Field

Applicable rental charges will be applied to all unused media

Columbia Analytical Services, Inc.
Air Quality Laboratory
An Employee Owned Company

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	07651
Quality Control Analyzed:	
Cleaned:	09-Oct-07
Quality Control Analyzed on Container:	

Container IDs

SC00486
SC00902
SC00215
SC00619
SC00040
SC00330
SC00078
SC00053
SC00917
SC00025

Columbia Analytical Services, Inc.
Air Quality Laboratory
An Employee Owned Company

10811
19-Sep-07

PACKING SLIP

Tom Dean
TRC
21 Technology Drive
Irvine, CA 92618 USA

Ship To: Tom Deen
TRC-Trailer
9635 Santa Fe Springs
Santa Fe Springs, CA USA

TYPE	ID	Calibration Level	Est. Replacement Cost
Flow Controller	fc00032	24 Hours	$250.00
Flow Controller	fc00037	24 Hours	$250.00
Flow Controller	fc00082	24 Hours	$250.00
Flow Controller	fc00098	24 Hours	$250.00
Flow Controller	fc00113	24 Hours	$250.00
Flow Controller	fc00154	24 Hours	$250.00
Flow Controller	fc00272	24 Hours	$250.00
Flow Controller	fc00343	24 Hours	$250.00
Flow Controller	fc00438	24 Hours	$250.00
Flow Controller	fc00522	24 Hours	$250.00

TYPE	ID	Vacuum Pressure	Est. Replacement Cost
Canister, Summa (A)	ac00665	-29 in Hg	$550.00
Canister, Summa (A)	ac00667	-29 in Hg	$550.00
Canister, Summa (A)	ac00744	-29 in Hg	$550.00
Canister, Summa (A)	ac00946	-29 in Hg	$550.00
Canister, Summa (A)	ac01102	-29 in Hg	$550.00
Canister, Summa (A)	ac01136	-29 in Hg	$550.00
Canister, Summa (A)	ac01181	-29 in Hg	$550.00
Canister, Summa (A)	ac01317	-29 in Hg	$550.00
Canister, Summa (A)	ac01440	-29 in Hg	$550.00
Canister, Summa (A)	ac01441	-29 in Hg	$550.00

Total Estimated Replacement Cost: $8,000.00

Scheduled By Kate Aguilera
Shipped By: Llesenia Cercado

Applicable rental charges will be applied to all unused media

Columbia Analytical Services INC.
An Employee - Owned Company

Individual Summa Canister and Combination Summa Canister/Flow Controller QC Check

Client: TRC
Method: TO-15 SIM
Instrument: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS7
Analyte List: See below
MRL: 0.025ug/m3
Media Request: 12426

Canister	Flow Controller	Analog Gauge	Date Analyzed	SIM QC
AC00665	FC00082	AVG00698	9/17/07	PASS
AC00667	FC00272	AVG00082	9/17/07	PASS
AC00744	FC00037	AVG00622	9/17/07	PASS
AC00946	FC00113	AVG00588	9/17/07	PASS
AC01102	FC00154	AVG00693	9/17/07	PASS
AC01136	FC00032	AVG00517	9/17/07	PASS
AC01181	FC00522	AVG00700	9/17/07	PASS
AC01317	FC00098	AVG00703	9/17/07	PASS
AC01440	FC00438	AVG00666	9/17/07	PASS
AC01441	FC00343	AVG00695	9/17/07	PASS

CB 9/18/07

Analytes: VC;1,2-DBA

Columbia Analytical Services, Inc.
Air Quality Laboratory
An Employee Owned Company

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	06536
Quality Control Analyzed:	29-Jan-07
Cleaned:	16-Dec-07
Quality Control Analyzed on Container:	ac00822

Container IDs

AC00778
AC00822
AC00946
AC00697
AC01003
AC00575
AC00954
AC01277
AC00501
AC00920
AC00653
AC00876
AC00297
AC00979

Columbia Analytical Services, Inc.
Air Quality Laboratory
An Employee Owned Company

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	07533
Quality Control Analyzed:	18-Sep-07
Cleaned:	06-Sep-07
Quality Control Analyzed on Container:	AC00881

Container IDs

AC00934
AC01102
AC00946
AC00665
AC00744
AC01181
AC01136
AC00667
AC01441
AC01317
AC01109
AC01096
AC00881
AC01440

Columbia Analytical Services, Inc.
Air Quality Laboratory
An Employee Owned Company

10773
13-Sep-07

PACKING SLIP

Tom Dean
TRC
21 Technology Drive
Irvine, CA 92618 USA

Ship To: Tom Deen
TRC-Trailer
9635 Santa Fe Springs
Santa Fe Springs, CA USA

TYPE	ID	Calibration Level	Est. Replacement Cost
Flow Controller	FC00026	24 Hours	$250.00
Flow Controller	FC00097	24 Hours	$250.00
Flow Controller	FC00099	24 Hours	$250.00
Flow Controller	FC00190	24 Hours	$250.00
Flow Controller	FC00229	24 Hours	$250.00
Flow Controller	FC00287	24 Hours	$250.00
Flow Controller	FC00332	24 Hours	$250.00
Flow Controller	FC00421	24 Hours	$250.00
Flow Controller	FC00525	24 Hours	$250.00
Flow Controller	FC00526	24 Hours	$250.00
Flow Controller	FC00527	24 Hours	$250.00
Flow Controller	FC00581	24 Hours	$250.00
Flow Controller	FC00586	24 Hours	$250.00
Flow Controller	FC00587	24 Hours	$250.00
Flow Controller	FC00606	24 Hours	$250.00

TYPE	ID	Vacuum Pressure	Est. Replacement Cost
Canister, Summa (A)	AC00580	-29 in Hg	$550.00
Canister, Summa (A)	AC00584	-29 in Hg	$550.00
Canister, Summa (A)	AC00801	-29 in Hg	$550.00
Canister, Summa (A)	AC00823	-29 in Hg	$550.00
Canister, Summa (A)	AC00923	-29 in Hg	$550.00
Canister, Summa (A)	AC00985	-29 in Hg	$550.00

TYPE	ID	Vacuum Pressure	Est. Replacement Cost
Canister, Summa (A)	AC00998	-29 in Hg	$550.00
Canister, Summa (A)	AC01070	-29 in Hg	$550.00
Canister, Summa (A)	AC01089	-29 in Hg	$550.00
Canister, Summa (A)	AC01128	-29 in Hg	$550.00
Canister, Summa (A)	AC01220	-29 in Hg	$550.00
Canister, Summa (A)	AC01243	-29 in Hg	$550.00
Canister, Summa (A)	AC01272	-29 in Hg	$550.00
Canister, Summa (A)	AC01278	-29 in Hg	$550.00
Canister, Summa (A)	AC01305	-29 in Hg	$550.00
		Total Estimated Replacement Cost:	$12,000.00

Scheduled By Kate Aguilera
Shipped By: Anthony Field

Applicable rental charges will be applied to all unused media

Columbia Analytical Services INC.
An Employee - Owned Company

Individual Summa Canister and Combination Summa Canister/Flow Controller QC Check

Client: TRC
Method: TO-15 SIM
Instrument: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS7
Analyte List: See below
MRL: 0.025ug/m3
Media Request: 12425

Canister	Flow Controller	Date Analyzed	SIM QC
AC00580	FC00586	9/10/07	PASS
AC00584	FC00421	9/10/07	PASS
AC00801	FC00525	9/10/07	PASS
AC00823	FC00606	9/10/07	PASS
AC00923	FC00526	9/10/07	PASS
AC00985	FC00587	9/10/07	PASS
AC00998	FC00229	9/10/07	PASS
AC01070	FC00026	9/10/07	PASS
AC01089	FC00527	9/10/07	PASS
AC01128	FC00581	9/10/07	PASS
AC01243	FC00097	9/10/07	PASS
AC01272	FC00332	9/10/07	PASS
AC01278	FC00190	9/10/07	PASS
AC01305	FC00287	9/10/07	PASS

LM 9/11/07

Analytes: VC;1,2-dibromoethane

Columbia Analytical Services INC.
An Employee - Owned Company

Individual Summa Canister and Combination Summa Canister/Flow Controller QC Check

Client: TRC
Method: TO-15 SIM
Instrument: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS7
Analyte List: See below 0
MRL: 0.025ug/m3
Media Request: 12425

Canister	Flow Controller	Date Analyzed	SIM QC
AC01220	FC00099	9/11/07	PASS

LM 9/11/07

Analytes: VC;1,2-dibromoethane

CUSTOMER:102164
TRC INC
ATTN: ACCOUNTS PAYABLE
21 TECHNOLOGY DRIVE
IRVINE
CA 92718
TELEPHONE: 949-727-1228

SITE ADDRESS:
TRC INC
PICKUP ATR/IRVINE
10:00AM FRI 9/14

TELEPHONE: 949-283-4752

DEPOT: 403
ASHTEAD TECHNOLOGY RENTALS
18195 MCDURMOTT EAST
SUITE A/B
IRVINE, CA 92614
(949) 955-3930
TELEPHONE: 949-955-3930

ORDER NO: 125154.0000.0000
RENTER : STEVE CRAWFORD
SITE REF: TS/1 WEEK
SERVED BY TRAVES NGUYEN (403)

RENTAL CONTRACT CREATION 403-021515/1 SEP-14-07
==========

CODE	Equipment & Accessories	RATE	TAKEN
R6322	TVA 1000B		1
	S/N 0520012546		
	Export Control Classification Number (ECCN): EAR99		1
	Tested As Per Checklist T123		1
	Tested By : _____		
	Manual		1
	Charger		1
	Readout Assembly		1
	Tools		1
	Close Area Sampler		1
	Adapter (Refill)		1
	Cylinder Hydrogen		1
	Cable (Ra232)		1
	Software		1
	Shoulder Strap		1
	Quick Reference Card		1
	Case		1
R7160	LANDTEC GEM 2000		1
	S/N Gm07952105		

** CONTINUES **

RECEIVED
OCT 17 2007
10 11:50AM
UNTESTED

The items being provided to you are subject to export controls by the U.S. government and an export license from the U.S. government may be required for expo of these items from the United States, for reexport of the items from a third country, and/or for deemed exports or deemed reexports of related technolog depending upon the export classification of the item, the destination, the intended use of the item, and other factors. Additionally, it is our understanding that th U.S. government views shipments of these and other items to foreign-flagged vessels, including those operating in U.S. waters, as exports to the countrie the vessels are flagged, and other restrictions may also apply if there is foreign ownership of the vessel and/or depending upon the nationality(ies) of th and crew members. It is our understanding that these issues are currently under review by the U.S. government. Determining whether an export license required, verifying ECCN classifications and obtaining such license(s) is your responsibility. Refer to www.bis.doc.gov <http://www.bis.doc.gov/> if you requi additional information.

Certificate Number: 38050
Calibration Date: 12 September 2007

ASHTEAD Technology RENTALS

Calibration Certificate

Asset No:	**R6322**
Description:	**TVA 1000B**
Manufacturer:	**THERMO ELECTRON**
Serial No:	**0520012546**
Calibration Date:	**12 September 2007**
Next Calibration:	**Refer to Manufacturers Instructions**
Accuracy of Unit Under Test:	**Manufacturers Specifications**
Adjustments made:	**None**
Calibration Technician:	**Victor Vega**

Details of any limitations to the use of the equipment
None

The following measurement equipment used during the calibration procedure is traceable to National Standards.

Measurement Equipment/Standards	**Reference**
ZERO AIR - 913574	913574
100ppm Isobutylene - 914721	91472
METHANE - 913121	913121

Calibrated By:

Victor Vega

Test Results

Question	Result
Fill hydrogen cylinder. Hydrogen is extremely flammable: read and follow fuel refilling procedure and safety warnings in Maintenance section of the TVA-1000B Instruction Manual. Verify that you have read this section of the manual:	Yes
Apply zero gas. Press 3 and 1 to zero both sensors. Press enter to accept when stable. Verify that FID count is less than 5000, and PID count is less than 20000.	Yes
"EXIT" to main menu. Press 1 to start run. With methane gas still applied, verify FID reads within 5% of calibrated value. Record FID reading:	100 ppm
Apply isobutylene gas. Verify PID reading is within 5% of calibrated value. Record PID reading:	100 ppm

Calibration Certificate

CERTIFICATE NUMBER: **37863**

ASSET NUMBER:	**R7160**
ASSET DESCRIPTION:	**LANDTEC GEM 2000**
MANUFACTURER:	**LANDTEC**
SERIAL NUMBER:	**GM07952105**
CALIBRATION DATE:	**10 Sep 2007**
CALIBRATION DUE:	**Refer to manufacturers instructions.**
CALIBRATION PROCEDURE:	**4.162 Toxic Gas Monitoring**
ACCURACY OF UNIT:	**Manufacturers Specifications**
WORKSHOP TEMPERATURE:	**20 *Degrees C***
HUMIDITY:	**40 %**
CALIBRATION ENGINEER:	**TRAVES Nguyen**
RESULTS FORM:	**Ref Workshop Manual**

Page 1 of 2

Measurement Equipment	Calibration Reference
50%CH4, 35% CO2, 15% N2	MAE-399-1
ZERO AIR	DM0620395A

The measurement equipment used during the calibration procedure is traceable to National Standards.
Details on any limitations to the use of the equipment:

Calibration Engineer:

TRAVES Nguyen

Columbia Analytical Services, Inc.
Air Quality Laboratory
An Employee Owned Company

10686
27-Aug-07

PACKING SLIP

Tom Dean
TRC
21 Technology Drive
Irvine, CA 92618 USA

Ship To: Tom Deen-WDI Site
TRC-WDI
9635 Santa Fe Springs Road
Santa Fe Springs, CA 90670 USA

TYPE	ID	Vacuum Pressure	Est. Replacement Cost
C of C Forms	(2)		
Canister, Summa (S)	SC00775	-29 in Hg	$550.00
Canister, Summa (S)	SC00844	-29 in Hg	$550.00
Critical Orifice Assembly	(2)		$20.00
		Total Estimated Replacement Cost:	$1,120.00

UPS 1 Day 10:30am

Scheduled By Kate Aguilera
Shipped By: Anthony Field

Applicable rental charges will be applied to all unused media

Columbia Analytical Services, Inc.
Air Quality Laboratory
An Employee Owned Company

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	07436
Quality Control Analyzed:	13-Aug-07
Cleaned:	06-Aug-07
Quality Control Analyzed on Container:	SC00844

Container IDs

SC00617
SC00530
SC00865
SC00590
SC00283
SC00713
SC00844
SC00900
SC00069
SC00812

Columbia Analytical Services, Inc.
Air Quality Laboratory
An Employee Owned Company

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	07463
Quality Control Analyzed:	22-Aug-07
Cleaned:	15-Aug-07
Quality Control Analyzed on Container:	SC00639

Container IDs

SC00878
SC00342
SC00815
SC00172
SC00775
SC00238
SC00784
SC00476
SC00447
SC00639

A3277

LANDTEC

CERTIFICATE OF CALIBRATION

Certificate number:	G1516_2/232
Date of check:	Friday, August 24, 2007
Product:	GA94
Serial number:	G1516
Calibration checked at:	73.0°F to 91.1°F

Primary Gas Channels

Methane (CH4)		Carbon Dioxide (CO2)	
Certified Gas (%)	**Reading (%)**	**Certified Gas (%)**	**Reading (%)**
50.00	49.5	50.00	49.4
14.97	15.3	15.00	14.4
5.02	5.4	5.00	4.6

Oxygen (O2)	
Certified Gas (%)	**Reading (%)**
20.95	21.0

Barometer	
Certified (mb / "/hg)	**Reading (mb / "/hg)**
974 / 28.78	972 / 28.70

Approved by: D. Hill **(Name)**

D. Hill **(Signature)**

All gases are traceable to certified National Standards

This unit must be serviced at regular 6 monthly intervals by a Landtec approved service facility.

Landtec, 850 South Via Lata, Suite 112, Colton,CA, 92324

Certificate Number: 37396
Calibration Date: 29 August 2007

ASHTEAD Technology RENTALS

Calibration Certificate

Asset No:	**R5174**
Description:	**FOXBORO TVA1000B PID/FID**
Manufacturer:	**THERMO ELECTRON**
Serial No:	**74262-376**
Calibration Date:	**29 August 2007**
Next Calibration:	**Refer to Manufacturers Instructions**
Accuracy of Unit Under Test:	**Manufacturers Specifications**
Adjustments made:	**None**
Calibration Technician:	**Victor Vega**

Details of any limitations to the use of the equipment
None

The following measurement equipment used during the calibration procedure is traceable to National Standards.

Measurement Equipment/Standards	**Reference**
ZERO AIR - 913574	913574
100ppm Isobutylene - 914721	91472
METHANE - 913121	913121

Calibrated By:

Victor Vega

Test Results

Question	Result
Fill hydrogen cylinder. Hydrogen is extremely flammable: read and follow fuel refilling procedure and safety warnings in Maintenance section of the TVA-1000B Instruction Manual. Verify that you have read this section of the manual:	Yes
Apply zero gas. Press 3 and 1 to zero both sensors. Press enter to accept when stable. Verify that FID count is less than 5000, and PID count is less than 20000.	Yes
"EXIT" to main menu. Press 1 to start run. With methane gas still applied, verify FID reads within 5% of calibrated value. Record FID reading:	100 ppm
Apply isobutylene gas. Verify PID reading is within 5% of calibrated value. Record PID reading:	100 ppm

APPENDIX A.12

IN-BUSINESS AIR AND AMBIENT AIR MONITORING DATA SHEETS

APPENDIX B.16

IN-BUSINESS AND AIR AMBIENT AIR MONITORING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE: 10/12/07 TECHNICIAN: STEVE CRAWFORD WEATHER: SUNNY

LFG INSTRUMENT – MODEL NO.: GEM-2000 PID/FID INSTRUMENT – MODEL NO.: TVA-1000

LFG INSTRUMENT – SERIAL NO.: GM07952105 PID/FID INSTRUMENT – SERIAL NO.: 0520012546

AMBIENT AIR TEMPERATURE @ START: 75.4 °F AMBIENT BAROMETRIC PRESSURE @ START: 29.87 in Hg

AMBIENT AIR TEMPERATURE @ END: 77.8 °F AMBIENT BAROMETRIC PRESSURE @ END: 29.86 in Hg

LOCATION ID	SAMPLING TIME		FIELD INSTRUMENT GAS OUTDOOR READINGS				FIELD INSTRUMENT GAS INDOOR READINGS				SUMMA CAN DATA		BUILDING CLOSED? (i.e., windows/ doors closed) (Yes/No)
			Start		End		Start		End				
	10-12-07 Start	10-13-07 End	CH_4 (%)	VOCs (ppmv)	CH_4 (%)	VOCs (ppmv)	CH_4 (%)	VOCs (ppmv)	CH_4 (%)	VOCs (ppmv)	Initial Pressure (in. Hg)	Final Pressure (in. Hg)	
IN-BUSINESS AIR MONITORING LOCATIONS													
IBM-03	1450	1300	0%	1.94	0%	1.63	0%	4.62	0%	3.89	29.2	4.7	YES
IBM-03B													
IBM-21													
IBM-22													
IBM-24B													
IBM-28													
IBM-32	1505	1312	0%	1.72	0%	1.59	0%	22.41	0%	20.18	29.4	8.5	YES
IBM-37													
IBM-41													
IBM-50													
AMBIENT AIR MONITORING LOCATIONS													
IBM-24							NA	NA	NA	NA			
IBM-49							NA	NA	NA	NA			
* NOTES: IBM-03 DUP. SC 1460											29.4	6.7	YES

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(1) CH_4, CO_2, and O_2 to be sampled using LFG Instrument (Landtec GEM 2000 or equivalent). TGNMO (VOCs) to be field analyzed by the PID/FID (Foxboro TVA 1000 or equivalent).

(2) Summa samples to be analyzed by EPA Method TO-15 (VOCs) and SCAQMD Method 25.1 (TGNMO and CH_4)

TRC
Customer-Focused Solutions

APPENDIX B.16

IN-BUSINESS AND AIR AMBIENT AIR MONITORING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE: 10/11/07 TECHNICIAN: STEVE CRAWFORD WEATHER: SUNNY

LFG INSTRUMENT – MODEL NO.: GEM-2000 PID/FID INSTRUMENT – MODEL NO.: TVA-1000

LFG INSTRUMENT – SERIAL NO.: GM07952105 PID/FID INSTRUMENT – SERIAL NO.: 0520012546

AMBIENT AIR TEMPERATURE @ START: 77.2 °F AMBIENT BAROMETRIC PRESSURE @ START: 29.85 in Hg

AMBIENT AIR TEMPERATURE @ END: 75.4 °F AMBIENT BAROMETRIC PRESSURE @ END: 29.87 in Hg

LOCATION ID	SAMPLING TIME		FIELD INSTRUMENT GAS OUTDOOR READINGS				FIELD INSTRUMENT GAS INDOOR READINGS				SUMMA CAN DATA		BUILDING CLOSED? (i.e., windows/ doors closed) (Yes/No)
			Start		End		Start		End				
	10-11-07 Start	10-12-07 End	CH_4 (%)	VOCs (ppmv)	CH_4 (%)	VOCs (ppmv)	CH_4 (%)	VOCs (ppmv)	CH_4 (%)	VOCs (ppmv)	Initial Pressure (in. Hg)	Final Pressure (in. Hg)	
IN-BUSINESS AIR MONITORING LOCATIONS													
IBM-03													
IBM-03B													
IBM-21	1454	1424	0%	1.73	0%	1.89	0%	12.48	0%	9.82	28.8	7.6	YES
IBM-22													
IBM-24B													
IBM-28													
IBM-32													
IBM-37													
IBM-41													
IBM-50													
AMBIENT AIR MONITORING LOCATIONS													
IBM-24							NA	NA	NA	NA			
IBM-49							NA	NA	NA	NA			
* NOTES: IBM-21 DUP. 1454 1424											28.9	1.5	YES

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(1) CH_4, CO_2, and O_2 to be sampled using LFG Instrument (Landtec GEM 2000 or equivalent). TGNMO (VOCs) to be field analyzed by the PID/FID (Foxboro TVA 1000 or equivalent).

(2) Summa samples to be analyzed by EPA Method TO-15 (VOCs) and SCAQMD Method 25.1 (TGNMO and CH_4)

TRC
Customer-Focused Solutions

APPENDIX B.16

IN-BUSINESS AND AIR AMBIENT AIR MONITORING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE: 9/15/07 TECHNICIAN: STEVE CRAWFORD WEATHER: SUNNY

LFG INSTRUMENT – MODEL NO.: GEM-2000 PID/FID INSTRUMENT – MODEL NO.: TVA-1000

LFG INSTRUMENT – SERIAL NO.: GM07952105 PID/FID INSTRUMENT – SERIAL NO.: 0520012546

AMBIENT AIR TEMPERATURE @ START: 73.5 °F AMBIENT BAROMETRIC PRESSURE @ START: 29.95 in Hg

AMBIENT AIR TEMPERATURE @ END: 82.4 °F AMBIENT BAROMETRIC PRESSURE @ END: 29.96 in Hg

LOCATION ID	SAMPLING TIME		FIELD INSTRUMENT GAS OUTDOOR READINGS				FIELD INSTRUMENT GAS INDOOR READINGS				SUMMA CAN DATA		BUILDING CLOSED? (i.e., windows/ doors closed) (Yes/No)
			Start		End		Start		End				
	9-15-07 Start	9-16-07 End	CH_4 (%)	VOCs (ppmv)	CH_4 (%)	VOCs (ppmv)	CH_4 (%)	VOCs (ppmv)	CH_4 (%)	VOCs (ppmv)	Initial Pressure (in. Hg)	Final Pressure (in. Hg)	
IN-BUSINESS AIR MONITORING LOCATIONS													
IBM-03													
IBM-03B	0914	0827	0%	.68	0%	0.88	0%	.84	0%	.77	28.7	5.5	YES
IBM-21													
IBM-22													
IBM-24B													
IBM-28	1800	1715	0%	.74	0%	.86	0%	1.12	0%	.98	28.9	6.9	YES
IBM-32													
IBM-37													
IBM-41	1130	1010	0%	.58	0%	.92	0%	1.37	0%	1.52	28.9	9.3	YES
IBM-50											~~29.9~~ (SC)		~~YES~~ (SC)
AMBIENT AIR MONITORING LOCATIONS													
IBM-24							NA	NA	NA	NA			
* IBM-49	1118	1000	0%	.63	0%	.74	NA	NA	NA	NA	29.1	4.5	N/A
NOTES: IBM-44	1316	1121	0%	.85	0%	.69	0%	3.89	0%	4.21	29.0	11.6	YES

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* DUPLICATE IBM-49 SC 29.1 7.6

(1) CH_4, CO_2, and O_2 to be sampled using LFG Instrument (Landtec GEM 2000 or equivalent). TGNMO (VOCs) to be field analyzed by the PID/FID (Foxboro TVA 1000 or equivalent).

(2) Summa samples to be analyzed by EPA Method TO-15 (VOCs) and SCAQMD Method 25.1 (TGNMO and CH_4)

TRC
Customer-Focused Solutions

APPENDIX B.16

IN-BUSINESS AND AIR AMBIENT AIR MONITORING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE: 9/14/07 TECHNICIAN: STEVE CRAWFORD WEATHER: SUNNY

LFG INSTRUMENT – MODEL NO.: GEM-2000 PID/FID INSTRUMENT – MODEL NO.: TVA-1000

LFG INSTRUMENT – SERIAL NO.: GM07952105 PID/FID INSTRUMENT – SERIAL NO.: 0520012546

AMBIENT AIR TEMPERATURE @ START: 87.5 °F AMBIENT BAROMETRIC PRESSURE @ START: 29.87 in Hg

AMBIENT AIR TEMPERATURE @ END: 86.4 °F AMBIENT BAROMETRIC PRESSURE @ END: 29.88 in Hg

LOCATION ID	SAMPLING TIME		FIELD INSTRUMENT GAS OUTDOOR READINGS				FIELD INSTRUMENT GAS INDOOR READINGS				SUMMA CAN DATA		BUILDING CLOSED? (i.e., windows/ doors closed) (Yes/No)
			Start		End		Start		End				
	9-14-07 Start	9-17-07 End	CH_4 (%)	VOCs (ppmv)	CH_4 (%)	VOCs (ppmv)	CH_4 (%)	VOCs (ppmv)	CH_4 (%)	VOCs (ppmv)	Initial Pressure (in. Hg)	Final Pressure (in. Hg)	
IN-BUSINESS AIR MONITORING LOCATIONS													
IBM-03											[illegible]		YES
IBM-03B													
IBM-21													
IBM-22	1555	1530	0%	1.02	0%	1.18	0%	1.18	0%	1.29	28.6	Ø	YES
IBM-24B													
IBM-28													
IBM-32													
IBM-37													
IBM-41													
IBM-50													
AMBIENT AIR MONITORING LOCATIONS													
IBM-24							NA	NA	NA	NA			
IBM-49							NA	NA	NA	NA			
NOTES:													

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(1) CH_4, CO_2, and O_2 to be sampled using LFG Instrument (Landtec GEM 2000 or equivalent). TGNMO (VOCs) to be field analyzed by the PID/FID (Foxboro TVA 1000 or equivalent).

(2) Summa samples to be analyzed by EPA Method TO-15 (VOCs) and SCAQMD Method 25.1 (TGNMO and CH_4)

TRC
Customer-Focused Solutions

APPENDIX B.16

IN-BUSINESS AND AIR AMBIENT AIR MONITORING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE: 9/28/07 TECHNICIAN: STEVE CRAWFORD WEATHER: CLOUDY

LFG INSTRUMENT – MODEL NO.: GEM-2000 PID/FID INSTRUMENT – MODEL NO.: TVA-1000

LFG INSTRUMENT – SERIAL NO.: GM07952105 PID/FID INSTRUMENT – SERIAL NO.: 0520012546

AMBIENT AIR TEMPERATURE @ START: 62.8 °F AMBIENT BAROMETRIC PRESSURE @ START: 29.92 in Hg

AMBIENT AIR TEMPERATURE @ END: 64.4 °F AMBIENT BAROMETRIC PRESSURE @ END: 29.91 in Hg

LOCATION ID	SAMPLING TIME		FIELD INSTRUMENT GAS OUTDOOR READINGS				FIELD INSTRUMENT GAS INDOOR READINGS				SUMMA CAN DATA		BUILDING CLOSED? (i.e., windows/ doors closed) (Yes/No)
			Start		End		Start		End				
	9-28-07 Start	9-29-07 End	CH_4 (%)	VOCs (ppmv)	CH_4 (%)	VOCs (ppmv)	CH_4 (%)	VOCs (ppmv)	CH_4 (%)	VOCs (ppmv)	Initial Pressure (in. Hg)	Final Pressure (in. Hg)	
IN-BUSINESS AIR MONITORING LOCATIONS													
IBM-03													
IBM-03B													
IBM-21													
IBM-22													
IBM-24B													
IBM-28													
IBM-32													
IBM-37													
IBM-41													
IBM-50													
AMBIENT AIR MONITORING LOCATIONS													
IBM-24							NA	NA	NA	NA			
IBM-49							NA	NA	NA	NA			
NOTES: IBM-43	1605	1455	0%	1.64	0%	1.86	0%	5.41	0%	4.23	29.1	6.0	YES
* IBM-43 SC DUP	1605	1455	0%	1.64	0%	1.86	0%	5.41	0%	4.23	29.1	5.3	YES

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(1) CH_4, CO_2, and O_2 to be sampled using LFG Instrument (Landtec GEM 2000 or equivalent). TGNMO (VOCs) to be field analyzed by the PID/FID (Foxboro TVA 1000 or equivalent).

(2) Summa samples to be analyzed by EPA Method TO-15 (VOCs) and SCAQMD Method 25.1 (TGNMO and CH_4)

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APPENDIX B.16

IN-BUSINESS AND AIR AMBIENT AIR MONITORING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE: 9/23/07 TECHNICIAN: STEVE CRAWFORD WEATHER: SUNNY COOL

LFG INSTRUMENT – MODEL NO.: GEM-2000 PID/FID INSTRUMENT – MODEL NO.: TVA-1000

LFG INSTRUMENT – SERIAL NO.: GM07952105 PID/FID INSTRUMENT – SERIAL NO.: 0520012546

AMBIENT AIR TEMPERATURE @ START: 62.3 °F AMBIENT BAROMETRIC PRESSURE @ START: 29.97 in Hg

AMBIENT AIR TEMPERATURE @ END: 61.8 °F AMBIENT BAROMETRIC PRESSURE @ END: 29.99 in Hg

LOCATION ID	SAMPLING TIME		FIELD INSTRUMENT GAS OUTDOOR READINGS				FIELD INSTRUMENT GAS INDOOR READINGS				SUMMA CAN DATA		BUILDING CLOSED? (i.e., windows/ doors closed) (Yes/No)
			Start		End		Start		End				
	9-23-07 Start	9-24-07 End	CH_4 (%)	VOCs (ppmv)	CH_4 (%)	VOCs (ppmv)	CH_4 (%)	VOCs (ppmv)	CH_4 (%)	VOCs (ppmv)	Initial Pressure (in. Hg)	Final Pressure (in. Hg)	
IN-BUSINESS AIR MONITORING LOCATIONS													
IBM-03											[redacted]	(Sc)	[redacted] (Sc)
IBM-03B													
IBM-21													
IBM-22													
IBM-24B	802	635	0%	1.42	0%	1.21	0%	2.27	0%	2.11	29.3	8.7	YES
IBM-28													
IBM-32													
IBM-37													
IBM-41													
IBM-50													
AMBIENT AIR MONITORING LOCATIONS													
IBM-24	814	642	0%	1.48	0%	1.28	NA	NA	NA	NA	29.4	12.0	
IBM-49							NA	NA	NA	NA			
*Sc NOTES: IBM-24B DUP 802 642											29.4	8.3	YES

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(1) CH_4, CO_2, and O_2 to be sampled using LFG Instrument (Landtec GEM 2000 or equivalent). TGNMO (VOCs) to be field analyzed by the PID/FID (Foxboro TVA 1000 or equivalent).

(2) Summa samples to be analyzed by EPA Method TO-15 (VOCs) and SCAQMD Method 25.1 (TGNMO and CH_4)

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APPENDIX B.16

IN-BUSINESS AND AIR AMBIENT AIR MONITORING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE: 9-22-07 TECHNICIAN: STEVE CRAWFORD WEATHER: CLOUDY

LFG INSTRUMENT – MODEL NO.: GEM-2000 PID/FID INSTRUMENT – MODEL NO.: TVA-1000

LFG INSTRUMENT – SERIAL NO.: GM07952105 PID/FID INSTRUMENT – SERIAL NO.: 0520012546

AMBIENT AIR TEMPERATURE @ START: 74.9 °F AMBIENT BAROMETRIC PRESSURE @ START: 29.89 in Hg

AMBIENT AIR TEMPERATURE @ END: 75.6 °F AMBIENT BAROMETRIC PRESSURE @ END: 29.94 in Hg

LOCATION ID	SAMPLING TIME		FIELD INSTRUMENT GAS OUTDOOR READINGS				FIELD INSTRUMENT GAS INDOOR READINGS				SUMMA CAN DATA		BUILDING CLOSED? (i.e., windows/ doors closed) (Yes/No)
			Start		End		Start		End				
	9-22-07 Start	9-23-07 End	CH_4 (%)	VOCs (ppmv)	CH_4 (%)	VOCs (ppmv)	CH_4 (%)	VOCs (ppmv)	CH_4 (%)	VOCs (ppmv)	Initial Pressure (in. Hg)	Final Pressure (in. Hg)	
IN-BUSINESS AIR MONITORING LOCATIONS													
IBM-03													
IBM-03B													
IBM-21													
IBM-22													
IBM-24B													
IBM-28													
IBM-32													
IBM-37													
IBM-41													
IBM-50	1452	1308	0%	1.14	0%	1.41	0%	3.76	0%	3.54	29.0	9.7	YES
AMBIENT AIR MONITORING LOCATIONS													
IBM-24							NA	NA	NA	NA			
IBM-49							NA	NA	NA	NA			
NOTES:													

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(1) CH_4, CO_2, and O_2 to be sampled using LFG Instrument (Landtec GEM 2000 or equivalent). TGNMO (VOCs) to be field analyzed by the PID/FID (Foxboro TVA 1000 or equivalent).

(2) Summa samples to be analyzed by EPA Method TO-15 (VOCs) and SCAQMD Method 25.1 (TGNMO and CH_4)

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APPENDIX B.16

IN-BUSINESS AND AIR AMBIENT AIR MONITORING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE: 9/21/07 TECHNICIAN: STEVE CRAWFORD WEATHER: CLOUDY

LFG INSTRUMENT – MODEL NO.: GEM-2000 PID/FID INSTRUMENT – MODEL NO.: TVA-1000

LFG INSTRUMENT – SERIAL NO.: GM07952105 PID/FID INSTRUMENT – SERIAL NO.: 0520012546

AMBIENT AIR TEMPERATURE @ START: 76.8 °F AMBIENT BAROMETRIC PRESSURE @ START: 29.88 in Hg

AMBIENT AIR TEMPERATURE @ END: 73.5 °F AMBIENT BAROMETRIC PRESSURE @ END: 29.90 in Hg

LOCATION ID	SAMPLING TIME		FIELD INSTRUMENT GAS OUTDOOR READINGS				FIELD INSTRUMENT GAS INDOOR READINGS				SUMMA CAN DATA		BUILDING CLOSED? (i.e., windows/ doors closed) (Yes/No)
			Start		End		Start		End				
	9-21-07 Start	9-22-07 End	CH_4 (%)	VOCs (ppmv)	CH_4 (%)	VOCs (ppmv)	CH_4 (%)	VOCs (ppmv)	CH_4 (%)	VOCs (ppmv)	Initial Pressure (in. Hg)	Final Pressure (in. Hg)	
IN-BUSINESS AIR MONITORING LOCATIONS													
IBM-03													
IBM-03B													
IBM-21													
IBM-22													
IBM-24B													
IBM-28													
IBM-32													
IBM-37													
IBM-41													
IBM-50													
AMBIENT AIR MONITORING LOCATIONS													
IBM-24							NA	NA	NA	NA			
IBM-49							NA	NA	NA	NA			
* NOTES: ~~IBM-12~~ 1500	1359		0%	.87	0%	.63	0%	1.73	0%	1.41	28.9	5.3	YES

* IBM-12 DUP SC 1500 1359 28.8 8.9

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(1) CH_4, CO_2, and O_2 to be sampled using LFG Instrument (Landtec GEM 2000 or equivalent). TGNMO (VOCs) to be field analyzed by the PID/FID (Foxboro TVA 1000 or equivalent).

(2) Summa samples to be analyzed by EPA Method TO-15 (VOCs) and SCAQMD Method 25.1 (TGNMO and CH_4)

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APPENDIX B.16

IN-BUSINESS AND AIR AMBIENT AIR MONITORING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE: 9/18/07 TECHNICIAN: STEVE CRAWFORD WEATHER: SUNNY

LFG INSTRUMENT – MODEL NO.: GEM-2000 PID/FID INSTRUMENT – MODEL NO.: TVA-1000

LFG INSTRUMENT – SERIAL NO.: GM07952105 PID/FID INSTRUMENT – SERIAL NO.: 0520012546

AMBIENT AIR TEMPERATURE @ START: 83.4 °F AMBIENT BAROMETRIC PRESSURE @ START: 29.90 in Hg

AMBIENT AIR TEMPERATURE @ END: 79.6 °F AMBIENT BAROMETRIC PRESSURE @ END: 29.87 in Hg

LOCATION ID	SAMPLING TIME		FIELD INSTRUMENT GAS OUTDOOR READINGS				FIELD INSTRUMENT GAS INDOOR READINGS				SUMMA CAN DATA		BUILDING CLOSED? (i.e., windows/ doors closed) (Yes/No)
			Start		End		Start		End				
	9-18-07 Start	9-19-07 End	CH_4 (%)	VOCs (ppmv)	CH_4 (%)	VOCs (ppmv)	CH_4 (%)	VOCs (ppmv)	CH_4 (%)	VOCs (ppmv)	Initial Pressure (in. Hg)	Final Pressure (in. Hg)	
IN-BUSINESS AIR MONITORING LOCATIONS													
IBM-03													
IBM-03B													
IBM-21													
IBM-22													
IBM-24B													
IBM-28													
IBM-32													
IBM-37	1455	1319	0%	.87	0%	1.84	0%	1.16	0%	1.37	29.0	7.5	YES
IBM-41													
IBM-50													
AMBIENT AIR MONITORING LOCATIONS													
IBM-24							NA	NA	NA	NA			
IBM-49							NA	NA	NA	NA			
NOTES:													
* IBM-42	1555	1501	0%	2.27	0%	2.64	0%	3.62	0%	3.24	28.7	6.4	YES

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(1) CH_4, CO_2, and O_2 to be sampled using LFG Instrument (Landtec GEM 2000 or equivalent). TGNMO (VOCs) to be field analyzed by the PID/FID (Foxboro TVA 1000 or equivalent).

(2) Summa samples to be analyzed by EPA Method TO-15 (VOCs) and SCAQMD Method 25.1 (TGNMO and CH_4)

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