SFUND RECORDS CTR
2183495

A

nd 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.	✓

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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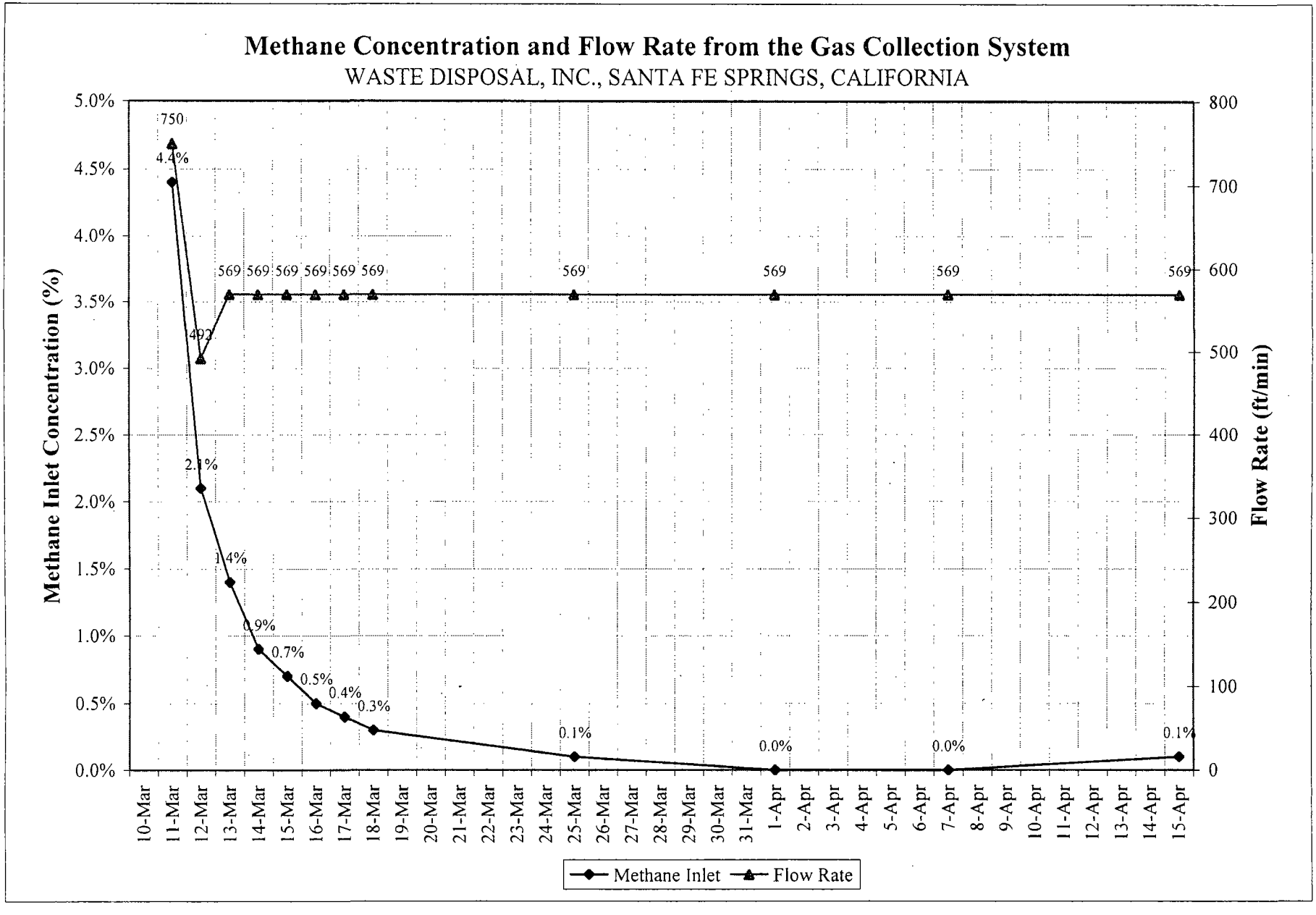
APPENDIX A.2

RESERVOIR GAS COLLECTION SYSTEM MONITORING AND INSPECTION DATA SHEETS

	3/11/2005	3/12/2005	3/13/2005	3/14/2005	3/15/2005	3/16/2005	3/17/2005	3/18/2005	3/25/2005	4/1/2005	4/7/2005	4/15/2005
Inlet Concentration (%)												
Methane	4.4%	2.1%	1.4%	0.9%	0.7%	0.5%	0.4%	0.3%	0.1%	0.0%	0.0%	0.1%
LEL	22%	42%	28%	18%	14%	10%	8%	6%	20%	0%	0%	0%
Oxygen	0.6%	4.2%	4.7%	4.8%	4.9%	5.4%	5.3%	4.6%	5.9%	9.6%	9.5%	6.1%
Outlet Concentration (%)												
Methane	3.4%	2.0%	1.4%	0.9%	0.7%	0.5%	0.4%	0.3%	0.0%	0.0%	0.0%	2.0%
LEL	17%	40%	28%	18%	14%	10%	8%	6%	0%	0%	0%	0%
Oxygen	0.6%	4.0%	4.6%	4.9%	4.9%	5.4%	5.4%	4.6%	6.0%	9.7%	9.5%	6.2%
Temperature (F)	--	70.0	67.0	71.0	71.0	68.0	68.0	68.0	68.0	69.0	69.0	73.0
System Vacuum (in H2O)	1.9	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.5	2.4	2.4
Pitot dP (in H2O)	0.035	0.015	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020
Flow Velocity (calc)(ft/mi	750	492	569	569	569	569	569	569	569	569	569	569
Knockout Water (% Full)	0	0	0	0	0	25	25	0	90	50	25	100
Drain Knockout (Y/N)	N	N	N	N	N	Y	Y	N	Y	Y	Y	Y


Methane Concentration and Flow Rate from the Gas Collection System
WASTE DISPOSAL, INC., SANTA FE SPRINGS, CALIFORNIA
Methane Inlet Concentration (%)
Flow Rate (ft/min)
5.0%
4.5%
4.0%
3.5%
3.0%
2.5%
2.0%
1.5%
1.0%
0.5%
0.0%
800
700
600
500
400
300
200
100
0
750
4.4%
492
2.1%
1.4%
0.9%
0.7%
0.5%
0.4%
0.3%
0.1%
0.0%
0.0%
0.1%
569
10-Mar
11-Mar
12-Mar
13-Mar
14-Mar
15-Mar
16-Mar
17-Mar
18-Mar
19-Mar
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21-Mar
22-Mar
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31-Mar
1-Apr
2-Apr
3-Apr
4-Apr
5-Apr
6-Apr
7-Apr
8-Apr
9-Apr
10-Apr
11-Apr
12-Apr
13-Apr
14-Apr
15-Apr
Methane Inlet
Flow Rate

W D I
Gas Collection System Checklist

Technician STEVE CRAWFORD Date 3/11/05

Methane (in) 4.4 % Methane (out) 3.4 %

LEL (in) 22 % LEL (out) 17 %

Oxygen (in) .6 % Oxygen (out) .6 %

System Vacuum 1.9 in/wc Inlet Temp NO GAUGE

Differential .035 = Velocity 750 ft/min

Knockout Pot 0 % Full Drain KO pot N/A

W D I
Gas Collection System Checklist

Technician STEVE CRAWFORD Date 3-12-05

Methane (in) 2.1 % Methane (out) 2.0 %

LEL (in) 42 % LEL (out) 40 %

Oxygen (in) 4.2 % Oxygen (out) 4.0 %

System Vacuum 2.5 in/wc Inlet Temp 70°

Differential .015 = Velocity 492 ft/min

Knockout Pot 0 % Full Drain KO pot SOME MOISTURE

W D I
Gas Collection System Checklist

Technician STEVE CRAWFORD Date 3-13-05

Methane (in) 1.4 % Methane (out) 1.4 %

LEL (in) 28 % LEL (out) 28 %

Oxygen (in) 4.7 % Oxygen (out) 4.6 %

System Vacuum 2.5 in/wc Inlet Temp 67°

Differential .02 = Velocity 569 ft/min

Knockout Pot 0 % Full Drain KO pot SOME MOISTURE

W D I
Gas Collection System Checklist

Technician STEVE CRAWFORD Date 3/14/05

Methane (in) .9 % Methane (out) .9 %

LEL (in) 18 % LEL (out) 18 %

Oxygen (in) 4.8 % Oxygen (out) 4.9 %

System Vacuum 2.5 in/wc Inlet Temp 71°

Differential .02 = Velocity 569 ft/min

Knockout Pot 0 % Full Drain KO pot SOME MOISTURE

W D I
Gas Collection System Checklist

Technician STEVE CRAWFORD Date 3-15-05

Methane (in) .7 % Methane (out) .7 %

LEL (in) 14 % LEL (out) 14 %

Oxygen (in) 4.9 % Oxygen (out) 4.9 %

System Vacuum 2.5 in/wc Inlet Temp 71°

Differential .02 = Velocity 569 ft/min

Knockout Pot 0 % Full Drain KO pot SOME MOISTURE

W D I
Gas Collection System Checklist

Technician STEVE CRAWFORD Date 3-16-05

Methane (in) .5 % Methane (out) .5 %

LEL (in) 10 % LEL (out) 10 %

Oxygen (in) 5.4 % Oxygen (out) 5.4 %

System Vacuum 2.5 in/wc Inlet Temp 68°

Differential .02 = Velocity 569 ft/min

Knockout Pot 25 % Full Drain KO pot ✓

W D I
Gas Collection System Checklist

Technician STEVE CRAWFORD Date 3-17-05

Methane (in) .4 % Methane (out) .4 %

LEL (in) 8 % LEL (out) 8 %

Oxygen (in) 5.3 % Oxygen (out) 5.4 %

System Vacuum 2.5 in/wc Inlet Temp 68°

Differential .02 = Velocity 569 ft/min

Knockout Pot 25 % Full Drain KO pot ✓

W D I
Gas Collection System Checklist

Technician STEVE CRAWFORD **Date** 3-18-05

Methane (in) .3 **%** **Methane (out)** .3 **%**

LEL (in) 6 **%** **LEL (out)** 6 **%**

Oxygen (in) 4.6 **%** **Oxygen (out)** 4.6 **%**

System Vacuum 2.5 **in/wc** **Inlet Temp** 68°

Differential .02 = **Velocity** 569 **ft/min**

Knockout Pot 0 **% Full** **Drain KO pot** SOME MOISTURE

W D I
Gas Collection System Checklist

Technician STEVEN CRAWFORD Date 3-25-05

Methane (in) .1 % Methane (out) 0 %

LEL (in) .2 % LEL (out) 0 %

Oxygen (in) 5.9 % Oxygen (out) 6 %

System Vacuum 2.4 in/wc Inlet Temp 68°

Differential .02 = Velocity 569 ft/min

Knockout Pot 90 % Full Drain KO pot ✓

W D I
Gas Collection System Checklist

Technician STEVE CRAWFORD Date 4-1-05

Methane (in) 0 % Methane (out) 0 %

LEL (in) 0 % LEL (out) 0 %

Oxygen (in) 9.6 % Oxygen (out) 9.7 %

System Vacuum 2.5 in/wc Inlet Temp 69°

Differential .02 = Velocity 569 ft/min

Knockout Pot ~~25~~ 50 % Full Drain KO pot ✓

W D I
Gas Collection System Checklist

Technician STEVE CRAWFORD Date 4-7-05

Methane (in) 0 % Methane (out) 0 %

LEL (in) 0 % LEL (out) 0 %

Oxygen (in) 9.5 % Oxygen (out) 9.5 %

System Vacuum 2.4 in/wc Inlet Temp 69°

Differential .02 = Velocity 569 ft/min

Knockout Pot 25 % Full Drain KO pot ✓

W D I
Gas Collection System Checklist

Technician STEVE CRAWFORD Date 4-15-05

Methane (in) .1 % Methane (out) 2 %

LEL (in) 0 % LEL (out) 0 %

Oxygen (in) 6.1 % Oxygen (out) 6.2 %

System Vacuum 2.4 in/wc Inlet Temp 73°

Differential .02 = Velocity 569 ft/min

Knockout Pot 100 % Full Drain KO pot ✓

W D I
Gas Collection System Checklist

Technician STEVE CRAWFORD **Date** 4-30-05

Methane (in) 0 **%** **Methane (out)** 0 **%**

LEL (in) 0 **%** **LEL (out)** 0 **%**

Oxygen (in) 6.2 **%** **Oxygen (out)** 6.2 **%**

System Vacuum 2.4 **in/wc** **Inlet Temp** 70°

Differential .02 = **Velocity** 569 **ft/min**

Knockout Pot 100 **% Full** **Drain KO pot** ✓

W D I
Gas Collection System Checklist

Technician STEVE CRAWFORD Date 5-2-05

Methane (in) .1 % Methane (out) .1 %

LEL (in) 2 % LEL (out) 2 %

Oxygen (in) 6.2 % Oxygen (out) 6.3 %

System Vacuum 2.3 in/wc Inlet Temp 73°

Differential .015 = Velocity 493 ft/min

Knockout Pot 50 % Full Drain KO pot ✓

W D I
Gas Collection System Checklist

Technician STEVEN CRAWFORD **Date** 5/12/05

Methane (in) .1 **%** **Methane (out)** .1 **%**

LEL (in) 2 **%** **LEL (out)** 2 **%**

Oxygen (in) 6.4 **%** **Oxygen (out)** 6.5 **%**

System Vacuum 2.3 **in/wc** **Inlet Temp** 76°

Differential .02 = **Velocity** 569 **ft/min**

Knockout Pot 100 **% Full** **Drain KO pot** ✓

W D I
Gas Collection System Checklist

Technician STEVEN CRAWFORD Date 5/19/05

Methane (in) 0 % Methane (out) 0 %

LEL (in) 0 % LEL (out) 0 %

Oxygen (in) 9.8 % Oxygen (out) 9.9 %

System Vacuum 2.4 in/wc Inlet Temp 78°

Differential .02 = Velocity 569 ft/min

Knockout Pot 50 % Full Drain KO pot ✓

W D I
Gas Collection System Checklist

Technician STEVEN CRAWFORD Date 5/27/05

Methane (in) .1 % Methane (out) .1 %

LEL (in) 2 % LEL (out) 2 %

Oxygen (in) 9.4 % Oxygen (out) 9.6 %

System Vacuum 2.4 in/wc Inlet Temp 78°

Differential .02 = Velocity 569 ft/min

Knockout Pot 75 % Full Drain KO pot ✓

W D I
Gas Collection System Checklist

Technician STEVEN CRAWFORD Date 6-1-05

Methane (in) 0 % Methane (out) 0 %

LEL (in) 0 % LEL (out) 0 %

Oxygen (in) 6.2 % Oxygen (out) 6.3 %

System Vacuum 2.4 in/wc Inlet Temp 79°

Differential .02 = Velocity 569 ft/min

Knockout Pot 100 % Full Drain KO pot ✓

APPENDIX B.3

RESERVOIR GAS COLLECTION SYSTEM
CTP INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

INSPECTORS NAME	INSPECTORS SIGNATURE	INSPECTION TIME	INSPECTION DATE
STEVEN CRAWFORD	Steven Crawford	10:30 AM	12/21/05

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	03499	✓
Electrical Controls	OK.	✓

TRC
Customer-Focused Solutions

DEC. 22. 2005 10:37AM INC SANTA FE SPRINGS NO. 197 P. 2

APPENDIX B.3

RESERVOIR GAS COLLECTION SYSTEM
CTP 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	REPLACED 2 NIPPLES.	✓
Measure Blower Running Amperage	2.1 AMPS	✓
Check Carbon Canisters	OK.	✓

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APPENDIX B.3

RESERVOIR GAS COLLECTION SYSTEM
CTP INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

ITEMS TO INSPECT	CONCENTRATIONS (%)
Methane (in)	0%
Methane (out)	0%
LEL (in)	0%
LEL (out)	0%
Oxygen (in)	11.6%
Oxygen (out)	11.7%
System Vacuum (in/wc)	2.4
Velocity (ft/min)	569
Inlet Temp	67°

TRC
CustomerFocused Solutions

DEC. 22. 2005 10:57AM TRC SANTA FE SPRINGS NO. 197 P. 4

APPENDIX B.3

RESERVOIR GAS COLLECTION SYSTEM
PRE-OM&M ~~CTP~~ INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

INSPECTORS NAME	INSPECTORS SIGNATURE	INSPECTION TIME	INSPECTION DATE
STEVEN CRAWFORD	Steven Crawford	10:30 AM	12/22/05

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	03499	✓
Electrical Controls	OK.	✓

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Customer-Focused Solutions

APPENDIX B.3

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

12/22/05

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	REPLACED 2 NIPPLES.	✓
Measure Blower Running Amperage	2.1 AMPS	✓
Check Carbon Canisters	OK.	✓

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APPENDIX B.3

RESERVOIR GAS COLLECTION SYSTEM
PRE-OM&M ~~CTP~~ INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

12/22/05

ITEMS TO INSPECT	CONCENTRATIONS (%)
Methane (in)	0%
Methane (out)	0%
LEL (in)	0%
LEL (out)	0%
Oxygen (in)	11.6%
Oxygen (out)	11.7%
System Vacuum (in/wc)	2.4
Velocity (ft/min)	569
Inlet Temp	67°

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APPENDIX B.3

RESERVOIR GAS COLLECTION SYSTEM
PRE-OM+M ~~CTP~~ INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

INSPECTORS NAME	INSPECTORS SIGNATURE	INSPECTION TIME	INSPECTION DATE
STEVE CRAWFORD	Steve Crawford	9:50 AM	1-13-06

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	03515	✓
Electrical Controls	OK	✓

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APPENDIX B.3

RESERVOIR GAS COLLECTION SYSTEM
PRE-OM&M ~~CTP~~ INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE
(Continued)

01/13/06

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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APPENDIX B.3

RESERVOIR GAS COLLECTION SYSTEM
PRE-OM&M ~~CTP~~ INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

01/13/06

ITEMS TO INSPECT	CONCENTRATIONS (%)
Methane (in)	0 %
Methane (out)	0 %
LEL (in)	0 %
LEL (out)	0 %
Oxygen (in)	11.5 %
Oxygen (out)	11.3 %
System Vacuum (in/wc)	2.5
Velocity (ft/min)	569
Inlet Temp	65°

TRC
Customer-focused Solutions

APPENDIX B.3

RESERVOIR GAS COLLECTION SYSTEM
Interim OM+M ~~CTP~~ INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

INSPECTORS NAME	INSPECTORS SIGNATURE	INSPECTION TIME	INSPECTION DATE
STEVEN CRAWFORD	Steven Crawford	1630	2/28/06

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

ITEMS TO INSPECT	COMMENTS	CHECK (√) WHEN INSPECTED
Gate	LOCKED, OK.	✓
Lock	OK.	✓
Fence	OK	✓
Record Electrical Meter Reading	03568	✓
Electrical Controls	OK.	✓

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APPENDIX B.3

RESERVOIR GAS COLLECTION SYSTEM
Interim OM+M ~~CTP~~ 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 AMPS	✓
Check Carbon Canisters	OK.	✓

TRC
Customer-Focused Solutions

APPENDIX B.3

RESERVOIR GAS COLLECTION SYSTEM
Interim OM+M ~~CTP~~ INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

ITEMS TO INSPECT	CONCENTRATIONS (%)
Methane (in)	0%
Methane (out)	0%
LEL (in)	0%
LEL (out)	0%
Oxygen (in)	4.2%
Oxygen (out)	4.4%
System Vacuum (in/wc)	2.4 in/wc
Velocity (ft/min)	569 ft/min.
Inlet Temp	65°

TRC
Customer Focused Solutions

APPENDIX B.3

RESERVOIR GAS COLLECTION SYSTEM
CTP INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

INSPECTORS NAME	INSPECTORS SIGNATURE	INSPECTION TIME	INSPECTION DATE
STEVEN CRAWFORD	Steven Crawford	11 AM	3/29/06

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	3599	√
Electrical Controls	OK	√

TRC
CustomerFocused Solutions

APPENDIX B.3

RESERVOIR GAS COLLECTION SYSTEM
CTP 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 AMPS	✓
Check Carbon Canisters	OK	✓

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TRC
Customer-Focused Solutions

APPENDIX B.3

RESERVOIR GAS COLLECTION SYSTEM
CTP INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

ITEMS TO INSPECT	CONCENTRATIONS (%)
Methane (in)	0 %
Methane (out)	0 %
LEL (in)	0 %
LEL (out)	0 %
Oxygen (in)	4.1 %
Oxygen (out)	4.0 %
System Vacuum (in/wc)	2.5
Velocity (ft/min)	569 FT/MIN
Inlet Temp	66°

TRC
Customer-Focused Solutions

APPENDIX B.3

RESERVOIR GAS COLLECTION SYSTEM
Interim O M + M ~~CTP~~ INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

INSPECTORS NAME	INSPECTORS SIGNATURE	INSPECTION TIME	INSPECTION DATE
STEVEN CRAWFORD	Steven Crawford	10:30 AM	4-19-06

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	03618	✓
Electrical Controls	OK.	✓

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APPENDIX B.3

RESERVOIR GAS COLLECTION SYSTEM
Interim OM+M ~~CTP~~ 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	2.0	✓
Check Carbon Canisters	OK.	✓

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APPENDIX B.3

RESERVOIR GAS COLLECTION SYSTEM
Interim OM+M ~~CTP~~ INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

Page 3 of 3

ITEMS TO INSPECT	CONCENTRATIONS (%)
Methane (in)	0 %
Methane (out)	0 %
LEL (in)	0 %
LEL (out)	0 %
Oxygen (in)	11 %
Oxygen (out)	11.2 %
System Vacuum (in/wc)	2.6
Velocity (ft/min)	569 FT/MIN
Inlet Temp	69°

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APPENDIX B.3

RESERVOIR GAS COLLECTION SYSTEM
Interim OM+M ~~CTP~~ INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

INSPECTORS NAME	INSPECTORS SIGNATURE	INSPECTION TIME	INSPECTION DATE
STEVEN CRAWFORD	Steven Crawford	10:15 AM	6/23/06

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	03684	✓
Electrical Controls	OK	✓

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APPENDIX B.3

RESERVOIR GAS COLLECTION SYSTEM
Interim O M+M ~~CTP~~ 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	✓

APPENDIX B.3

RESERVOIR GAS COLLECTION SYSTEM
Interim OM+M ~~CTP~~ INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

ITEMS TO INSPECT	CONCENTRATIONS (%)
Methane (in)	0 %
Methane (out)	0 %
LEL (in)	0 %
LEL (out)	0 %
Oxygen (in)	17.6 %
Oxygen (out)	18.4 %
System Vacuum (in/wc)	2.4
Velocity (ft/min)	569
Inlet Temp	76°

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APPENDIX B.3

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

INSPECTORS NAME	INSPECTORS SIGNATURE	INSPECTION TIME	INSPECTION DATE
STEVEN CRAWFORD	Steven Crawford	12:15 PM	7/26/06

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	03721	✓
Electrical Controls	OK.	✓

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APPENDIX B.3

RESERVOIR GAS COLLECTION SYSTEM
INTERIM OM & 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	REFITTED VINYL TUBING ON PITOT TUBE. OK.	✓
Measure Blower Running Amperage	2.0	✓
Check Carbon Canisters	OK.	✓

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APPENDIX B.3

RESERVOIR GAS COLLECTION SYSTEM
INTERIM OM&M [redacted] INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE
(Continued)

PAGE 3 OF 3

ITEMS TO INSPECT	CONCENTRATIONS (%)
Methane (in)	0 %
Methane (out)	0 %
LEL (in)	0 %
LEL (out)	0 %
Oxygen (in)	11.8 %
Oxygen (out)	11.9 %
System Vacuum (in/wc)	2.4
Velocity (ft/min)	569 FT/MIN
Inlet Temp	90°
PITOT TUBE DIFFERENTIAL PRESSURE (IN/WC)	.02 IN/WC

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APPENDIX B.3

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

INSPECTORS NAME	INSPECTORS SIGNATURE	INSPECTION TIME	INSPECTION DATE
STEVE CRAWFORD	Steven Crawford	7:30 AM	8/30/06

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	03738	✓
Electrical Controls	OK.	✓

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APPENDIX B.3

RESERVOIR GAS COLLECTION SYSTEM
INTERIM OM & 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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APPENDIX B.3

RESERVOIR GAS COLLECTION SYSTEM
INTERIM OM&M [redacted] INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

PAGE 3 OF 3

ITEMS TO INSPECT	CONCENTRATIONS (%)
Methane (in)	0 %
Methane (out)	0 %
LEL (in)	0 %
LEL (out)	0 %
Oxygen (in)	6.4 %
Oxygen (out)	7 %
System Vacuum (in/wc)	2.2 IN/WC
Velocity (ft/min)	569 FT/MIN.
Inlet Temp	86°
PITOT TUBE DIFFERENTIAL PRESSURE (IN/WC)	.02 IN/WC

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SEP. 27. 2006 8:03PM TRC SANTA FE SPRINGS NO. 301 P. 2

APPENDIX B.3

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

INSPECTORS NAME	INSPECTORS SIGNATURE	INSPECTION TIME	INSPECTION DATE
STEVE CRAWFORD	Steven Crawford	1630	9/27/06

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

ITEMS TO INSPECT	COMMENTS	CHECK (√) WHEN INSPECTED
Gate	LOCKED	✓
Lock	Yes	✓
Fence	OK	✓
Record Electrical Meter Reading	03752	✓
Electrical Controls	OK	✓

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APPENDIX B.3

RESERVOIR GAS COLLECTION SYSTEM
INTERIM OM & 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.	✓

APPENDIX B.3

RESERVOIR GAS COLLECTION SYSTEM
INTERIM OM&M [redacted] INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

ITEMS TO INSPECT	CONCENTRATIONS (%)
Methane (in)	0%
Methane (out)	0%
LEL (in)	0%
LEL (out)	0%
Oxygen (in)	14.8%
Oxygen (out)	14.9%
System Vacuum (in/wc)	2.2 IN/WC
Velocity (ft/min)	569 FT/MIN
Inlet Temp	82°
PITOT TUBE DIFFERENTIAL PRESSURE (IN/WC)	.02 IN/WC

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APPENDIX B.15

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

TECHNICIAN: STEVEN CRAWFORD

LFG INSTRUMENT – MODEL NO.: GA1/1-GA+90

LFG INSTRUMENT – SERIAL NO.: G 1549

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

PID/FID INSTRUMENT – SERIAL NO.: 0520012546

AMBIENT AIR TEMPERATURE @ START: 64.0 °F AMBIENT BAROMETRIC PRESSURE @ START: 29.98 in. Hg

AMBIENT AIR TEMPERATURE @ END: 64.4 °F AMBIENT BAROMETRIC PRESSURE @ END: 29.99 in. Hg

WEATHER: CLOUDY

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)		
2-22-07	1110	2.2	65°	.02	569		0%	1.9%	15.6%	102	0%	1.9%	15.6%	93.26					1115	29.8	1145	6.6	NO	
2-22-07	1155	2.2	65°	.02	569		0%	1.9%	15.6%	103	0%	1.9%	15.6%	98.38	1200	29.5	1230	2.9					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

APPENDIX B.3

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

INSPECTORS NAME	INSPECTORS SIGNATURE	INSPECTION TIME	INSPECTION DATE
			2/22/07

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

ITEMS TO INSPECT	COMMENTS	CHECK (√) WHEN INSPECTED
Gate	OK.	✓
Lock	OK.	✓
Fence	SOME AREAS BEING REPAIRED.	✓
Record Electrical Meter Reading	3849	✓
Electrical Controls	OK	✓

APPENDIX B.3

RESERVOIR GAS COLLECTION SYSTEM
INTERIM OM & 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.	✓

Calibration Certificate

CERTIFICATE NUMBER: **30046**

ASSET NUMBER:	**R[redacted] 6245**
ASSET DESCRIPTION:	**TVA 1000B**
MANUFACTURER:	**THERMO**
SERIAL NUMBER:	**0520012546**
CALIBRATION DATE:	**21 Feb 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:	**VU NGUYEN**
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	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: _____

VU NGUYEN

Calibration Certificate

CERTIFICATE NUMBER: **30047**

ASSET NUMBER:	**R3420**
ASSET DESCRIPTION:	**LANDTEC GA90 LANDFILL GAS MONI**
MANUFACTURER:	**LANDTEC**
SERIAL NUMBER:	**G1549**
CALIBRATION DATE:	**21 Feb 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:	**VU NGUYEN**
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: _____

VU NGUYEN

APPENDIX B.15

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

TECHNICIAN: STEVEN CRAWFORD

LFG INSTRUMENT – MODEL NO.: GA1/1

LFG INSTRUMENT – SERIAL NO.: G1549

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

PID/FID INSTRUMENT – SERIAL NO.: 0623018661

AMBIENT AIR TEMPERATURE @ START: 69.7 °F AMBIENT BAROMETRIC PRESSURE @ START: 30.03 in. Hg

AMBIENT AIR TEMPERATURE @ END: 69.5 °F AMBIENT BAROMETRIC PRESSURE @ END: 30.04 in. Hg

WEATHER: FAIR

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)		
11-30-06	1648	2.2	70°	.02	569		0%	2.4%	15.1%	184	0%	2.3%	15.1%	176	1650	28.1	1718	6.1					NO	
11-30-06	1600	2.2	70°	.02	569		0%	2.3%	15.0%	186	0%	2.3%	15.1%	177					1612	29.1	1639	6.1	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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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	3:30 PM	11/30/06

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	3795	✓
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	OK.	✓

DAILY FIELD REPORT

JOB NAME: WOI	PROJECT NUMBER: 29-0316-01	DATE: 11-30-06
LOCATION: GREENLEAF & LOS NIETOS	WEATHER: FAIR	DAY: THURSDAY
CONTRACTOR: TRC	FOREMAN: TOM DEEN	
FIELD TECHNICIAN: STEVEN CRAWFORD	INSPECTION/TESTING OF: GAS COLLECTION SYSTEM SAMPLES AND INSPECTION	

SUMMARY OF OPERATIONS:

PICKED UP TVA-1000 AND GA-90 FROM ASHTEAD TECHNOLOGY RENTALS. ARRIVED ON-SITE AT 3:30 PM PERFORMED O&M OF THE RESERVOIR GAS COLLECTION SYSTEM. COLLECTED OUTLET SAMPLE AT 1612. COLLECTED INLET SAMPLE AT 1650. COMPLETED INSPECTION AND DOCUMENTATION. LEFT SITE AT 1750.

TRC Alton Geoscience

Calibration Certificate

CERTIFICATE NUMBER: **27254**

ASSET NUMBER:	**R6488**
ASSET DESCRIPTION:	**TVA1000B PID/FID**
MANUFACTURER:	**THERMO**
SERIAL NUMBER:	**0623018661**
CALIBRATION DATE:	**30 Nov 2006**
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:	**VU NGUYEN**
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	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: VU NGUYEN

Calibration Certificate

CERTIFICATE NUMBER: **26855**

ASSET NUMBER:	**R3420**
ASSET DESCRIPTION:	**LANDTEC GA90 LANDFILL GAS MONI**
MANUFACTURER:	**LANDTEC**
SERIAL NUMBER:	**G1549**
CALIBRATION DATE:	**27 Nov 2006**
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:	**VU NGUYEN**
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:

VU NGUYEN

APPENDIX B.15

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

TECHNICIAN: STEVEN CRAWFORD

LFG INSTRUMENT – MODEL NO.: GA1/1 GA-90

LFG INSTRUMENT – SERIAL NO.: G1549

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

PID/FID INSTRUMENT – SERIAL NO.: 0520012545

AMBIENT AIR TEMPERATURE @ START: 67.5 °F AMBIENT BAROMETRIC PRESSURE @ START: 29.75 in. Hg

AMBIENT AIR TEMPERATURE @ END: 63.3 °F AMBIENT BAROMETRIC PRESSURE @ END: 29.74 in. Hg

WEATHER: PARTLY CLOUDY

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)		
12-27-06	1245	2.2	64°	.02	569		0%	2.6%	12.2%	345	0%	2.5%	12.2%	342	1315	29.2	1345	5.8					NO	
12-27-06	1225	2.2	64°	.02	569		0%	2.6%	12.2%	343	0%	2.6%	12.2%	347					1240	28.2	1310	6.8	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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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	1200	12-27-06

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

ITEMS TO INSPECT	COMMENTS	CHECK (√) WHEN INSPECTED
Gate	LOCKED OK	✓
Lock	YES	✓
Fence	OK	✓
Record Electrical Meter Reading	3822	✓
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: 29-0316-01	DATE: 12-27-06
LOCATION: GREENLEAF & LOS NIETOS	WEATHER: PARTY CLOUDY	DAY: WEDNESDAY
CONTRACTOR:	FOREMAN: TOM DEEN	
FIELD TECHNICIAN: STEVEN CRAWFORD	INSPECTION/TESTING OF: GAS COLLECTION SYSTEM SAMPLES AND INSPECTION.	

SUMMARY OF OPERATIONS: PICKED UP TVA-1000 AND GA-90 FROM ASHTEAD TECHNOLOGY RENTALS. ARRIVED ON-SITE AT 12:15 PM. PERFORMED ROUTINE O&M OF THE RESERVOIR GAS COLLECTION SYSTEM. COLLECTED OUTLET SAMPLE AT 1240. COLLECTED INLET SAMPLE AT 1315. COMPLETED INSPECTION AND DOCUMENTATION. LEFT SITE AT 1405.

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Calibration Certificate

CERTIFICATE NUMBER: **28125**

ASSET NUMBER:	**R6323**
ASSET DESCRIPTION:	**TVA 1000B**
MANUFACTURER:	**THERMO**
SERIAL NUMBER:	**0520012545**
CALIBRATION DATE:	**26 Dec 2006**
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:	**VU NGUYEN**
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	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: _____

VU NGUYEN

Calibration Certificate

CERTIFICATE NUMBER: **28127**

ASSET NUMBER:	**R3420**
ASSET DESCRIPTION:	**LANDTEC GA90 LANDFILL GAS MONI**
MANUFACTURER:	**LANDTEC**
SERIAL NUMBER:	**G1549**
CALIBRATION DATE:	**26 Dec 2006**
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:	**VU NGUYEN**
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: VU NGUYEN

APPENDIX B.15

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

TECHNICIAN: STEVEN CRAWFORD

LFG INSTRUMENT – MODEL NO.: GA1/1 GA-90 PID/FID INSTRUMENT – MODEL NO.: TVA-1000B-81040

LFG INSTRUMENT – SERIAL NO.: G1549 PID/FID INSTRUMENT – SERIAL NO.: 0528413542

AMBIENT AIR TEMPERATURE @ START: 68.4 °F AMBIENT BAROMETRIC PRESSURE @ START: 30.16 in. Hg

AMBIENT AIR TEMPERATURE @ END: 68.8 °F AMBIENT BAROMETRIC PRESSURE @ END: 30.15 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)		
1-22-07	1235	2.0	65°	.02	569		0%	2.0%	14.7%	163	0%	2.0%	14.8%	161	1310	29.3	1339	6.6					NO	
1-22-07	1235	2.0	65°	.02	569		0%	2.1%	14.7%	159	0%	2.0%	14.8%	160					1342	29.2	1411	7.8	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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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	12 PM	1-22-07

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

ITEMS TO INSPECT	COMMENTS	CHECK (√) WHEN INSPECTED
Gate	OK.	✓
Lock	YES OK	✓
Fence	OK.	✓
Record Electrical Meter Reading	03835	✓
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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TABLE W.1
INSTRUMENT CALIBRATION CHECKLIST

DATE	INSTRUMENT	SERIAL NO.	CALIBRATION GAS USED	FINAL CALIBRATION READING	BATTERY CHECK	CALIBRATED BY
1-22-07	TVA-1000	0528413542	ISOBUTYLENE (100 PPM)	100 PPM	OK	SC
1-22-07	GA-90	G-1549	LANOTEC GAS 50% CH4 35% CO2	50% CH4	OK	SC

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DAILY FIELD REPORT

JOB NAME: WDI	PROJECT NUMBER: 29-0316-01	DATE: 1-22-07
LOCATION: LOS NIETOS & GREENLEAF	WEATHER: SUNNY	DAY: MONDAY
CONTRACTOR: TRC	FOREMAN: TOM DEEN	
FIELD TECHNICIAN: STEVEN CRAWFORD	INSPECTION/TESTING OF: O&M AND COLLECT SAMPLES FROM GAS TREATMENT SYSTEM.	

SUMMARY OF OPERATIONS: ARRIVED ON-SITE AT 1130. PERFORMED INSPECTIONS. COMPLETED INSPECTIONS AT 1200. INSTRUMENTS WERE CALIBRATED EARLIER THIS MORNING. BEGAN SAMPLE COLLECTION OF INLET AT 1310. FINISHED INLET AT 1340. BEGAN SAMPLE COLLECTION OF OUTLET AT 1342. FINISHED AT 1411. COMPLETED READINGS FOR CO_2, O_2, CH_4 AND VOCS. OFF-SITE AT 1440.

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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 1549

PID/FID INSTRUMENT – MODEL NO.: TVA-1000B 81040
PID/FID INSTRUMENT – SERIAL NO.: 062318660

AMBIENT AIR TEMPERATURE @ START: 64.2 °F AMBIENT BAROMETRIC PRESSURE @ START: 30.09 in. Hg

AMBIENT AIR TEMPERATURE @ END: 66.7 °F AMBIENT BAROMETRIC PRESSURE @ END: 30.08 in. Hg

WEATHER: OVERCAST

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) PITOT TUBE ON ORDER.	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)		
3-26-07	1225	2.2	69°	BLOCKAGE IN LINE	?		0%	2.0%	16.9%	77.24					1225	29.8	1255	6.5					NO	
3-26-07	1150	2.2	69°	"	?						0%	2.1%	17.1%	67.56					1150	29.4	1220	6.3	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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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	11 AM	3-26-07

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	3863	✓
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: 29-0316-01	DATE: 3/26/07
LOCATION: GAS COLLECTION SYSTEM	WEATHER: OVERCAST	DAY: MONDAY
CONTRACTOR: TRC	FOREMAN: TOM DEEN	
FIELD TECHNICIAN: STEVEN CRAWFORD	INSPECTION/TESTING OF: SAMPLING OF RESERVOIR GAS COLLECTION SYSTEM.	

SUMMARY OF OPERATIONS: ARRIVED ON-SITE AT 11 AM. CALIBRATED INSTRUMENTS TO BE USED. COLLECTED READINGS FROM INFLUENT AND EFFLUENT. TOOK SUMMA CANISTER SAMPLES AT 11:50 FOR EFFLUENT (OUTLET) AND 1225 FOR INFLUENT (INLET). ROUTINE O&M TASKS COMPLETED. OFF-SITE AT 1300.

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TABLE W.1
INSTRUMENT CALIBRATION CHECKLIST

DATE	INSTRUMENT	SERIAL NO.	CALIBRATION GAS USED	FINAL CALIBRATION READING	BATTERY CHECK	CALIBRATED BY
3-26-07	GA-90	G1549	LANDTEC GAS 50% CH_4 35% CO_2	50.0%	OK	SC
3-26-07	TVA-1000	062318660	ISOBUTYLENE (100 PPM)	99 PPM	OK	SC

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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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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	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	✓

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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: 29-0316-01	DAY: MONDAY
LOCATION: GREENLEAF & LOS NIETOS	WEATHER: SUNNY	DATE: 4-23-07
CONTRACTOR: TRC	FOREMAN: TOM DEEN	
FIELD TECHNICIAN: STEVE CRAWFORD	SAMPLE COLLECTION OF THE GAS COLLECTION SYSTEM. INSPECTION/TESTING OF:	

SUMMARY 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				34	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

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	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	✓

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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	✓

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. OFF SITE AT 1838.

TRC Alton Geoscience

ASHTEAD Technology RENTALS

CALIBRATION CERTIFICATE

CUSTOMER:
MANUFACTURER: LAWTEC
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 % CO_2	35.0 %	913739
Methane		50 % CH_4	50.0 %	"
Nitrogen BAL		Ø % O_2	N_2 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
TANDARD:	_____	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	

(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
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	✓

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: 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
ANDARD:	_____	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 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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APPENDIX B.4

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)	~~NCRA~~ ~~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 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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APPENDIX B.4

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

APPE DIX B.5

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

INSPECTORS NAME	INSPECTORS SIGNATURE	INSPECTION TIME	INSPECTION DATE
STEVEN CRAWFORD	Steven Crawford	8 AM	4/4/07

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	OK	NONE		✓
BW-02	OK	YES	OK	NONE		✓
BW-03	OK	YES	OK	NONE		✓
BW-04	OK	YES	OK	NONE		✓
BW-05	OK	YES	OK	NONE		✓
BW-06	OK	YES	OK	NONE		✓
BW-07	OK	YES	OK	NONE		✓
BW-08	OK	YES	OK	NONE		✓
BW-09	OK	YES	OK	NONE		✓
BW-10	OK	YES	OK	NONE		✓
BW-11	OK	YES	OK	NONE		✓
BW-12	OK	YES	OK	NONE		✓
BW-14	OK	YES	OK	NONE		✓
BW-15	OK	YES	OK	NONE		✓
BW-16	OK	YES	OK	NONE		✓
BW-17	OK	YES	OK	NONE		✓
BW-18	OK	YES	OK	NONE		✓
BW-19	OK	YES	OK	NONE		✓
BW-20	OK	YES	OK	NONE		✓
BW-21	OK	YES	OK	NONE		✓
BW-22	OK	YES	OK	NONE		✓
BW-23	OK	YES	OK	NONE		✓
BW-24	OK	YES	OK	NONE		✓
BW-25	OK	YES	OK	NONE		✓

APPENDIX A.5

GROUND WATER WELL MONITORING AND INSPECTION DATA SHEETS

APPENDIX B.13

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

DATE: 12/12-13/06

TECHNICIAN: Hafkenscheid/Baltazar

INSTRUMENT SERIAL NO.: 945/933

INSTRUMENT MODEL NO.: Oakton 945/Oakton 933

	WELL ID	START TIME	FINISH TIME	TOTAL WELL DEPTH (ft)	DEPTH TO WATER (ft) Before Sample	DEPTH TO WATER (ft) After Sample	VOLUME PURGED (gallon)	TEMP. (°F)	pH	SPECIFIC CONDUCTIVITY (µS/cm)
	BACKGROUND WELLS									
12/12/06	GW-01	09:52	10:20	57.98	41.97	42.12	30	18.1, 18.1, 18.3	7.38, 7.41, 7.37	2730, 2730, 2710
12/12/06	GW-02	14:53	15:13	53.05	37.07	37.60	30	18.0, 17.7, 17.9	7.93, 7.46, 7.48	1625, 1608, 1602
12/12/06	GW-11	11:28	12:13	128.12	44.90	44.97	162	19.3, 19.0, 18.7	7.46, 7.28, 7.27	2720, 2690, 2690
12/12/06	GW-32	12:15	13:05	125.20	43.18	43.12	159	18.5, 18.1, 18.3	7.92, 7.84, 7.81	608, 624, 632
	POINT OF COMPLIANCE WELLS									
12/12/06	GW-22	08:30	08:42	78.07	60.25	60.38	36	17.9, 18.6, 19.0	7.24, 7.09, 7.06	2510, 2540, 2530
12/13/06	GW-23	11:15	11:22	63.40	56.48	56.51	12	18.1, 17.7, 17.5	7.65, 7.58, 7.51	890, 839, 846
12/13/06	GW-26	10:37	10:52	62.98	46.41	46.37	33	17.5, 18.1, 18.3	7.34, 7.27, 7.23	792, 810, 819
	NEAR-SOURCE DETECTION WELLS									
12/12/06	GW-10	13:08	13:30	~~44.53~~ 58.11	44.53	44.63	27	20.5, 19.9, 19.7	6.94, 6.85, 6.85	1881, 1885, 1879
	GW-33									
	VERIFICATION WELLS									
12/13/06	GW-27	09:45	09:58	63.00	47.38	47.35	30	17.6, 18.2, 17.9	7.48, 7.43, 7.39	798, 786, 781
12/13/06	GW-29	08:09	08:22	63.60	48.10	48.07	30	18.8, 17.9, 18.1	7.10, 7.06, 7.02	977, 989, 993
	GW-30									

NOTE:

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FIELD MONITORING DATA SHEET

:hnician: Baltazar Job #/Task #: 29031601/13021 Date: 12/12/06

Site # WDI-048 Project Manager Y/F. 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		78.07	60.25	Ø	Ø	0900	4"
GW-01	X		57.98	41.97	Ø	Ø	1055	4"
GW-11	X		128.12	44.90	Ø	Ø	1233	4"
GW-10	X		58.11	44.53	Ø	Ø	1342	4"
GW-02	X		53.05	37.07	Ø	Ø	1522	4"
WDIGMWFR-01			—	—	—	—	0800	
WDIGMWTB-01			—	—	—	—	N/A	
WDIGMWFB-01			—	—	—	—	0740	
WDIGMWFD-11			—	—	—	—	1233	

IELD DATA COMPLETE QA/QC COC WELL BOX CONDITION SHEETS

IANIFEST DRUM INVENTORY TRAFFIC CONTROL

TRC

METER CALIBRATION LOG

CLIENT NAME: WDI -048

SITE #: 9905 S. Greenleaf

LOCATION: 9905 S. Greenleaf

METER BRAND NAME: OAKTON -

METER MODEL #: 933

ALTON METER #: 933

CALIBRATION STANDARD EXP. DATE: 07

CALIBRATED BY: Baltazar

DATE: 12/12/07

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	4.01	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

GROUNDWATER SAMPLING FIELD NOTES

Technician: Baltazar

Site: NDT-048 Project No.: 29031601/1304 Date: 12/12/06

(1)

Well No. GW-22 Purge Method: Sub

Depth to Water (feet): 60.25 Depth to Product (feet): Ø

Total Depth (feet) 78.07 LPH & Water Recovered (gallons): Ø

Water Column (feet): 17.82 Casing Diameter (Inches): 4"

80% Recharge Depth(feet): 63.81 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
0830			12	2.51ms	17.9	7.24			
			24	2.54ms	18.6	7.09			
	0842		36	253ms	19.0	7.06			

Static at Time Sampled	Total Gallons Purged	Sample Time
60.38	36 gallons.	0900

nments:

35

Well No. GW-01 Purge Method: Sub

Depth to Water (feet): 41.97 Depth to Product (feet): Ø

Total Depth (feet) 57.98 LPH & Water Recovered (gallons): Ø

Water Column (feet): 16.01 Casing Diameter (Inches): 4"

80% Recharge Depth(feet): 45.17 1 Well Volume (gallons): 10

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F C)	pH	D.O	ORP	Turbidity
0952			10	2.73ms	18.1	7.38			
			20	2.73ms	18.1	7.41			
	1020		30	2.71ms	18.3	7.37			

Static at Time Sampled	Total Gallons Purged	Sample Time
42.12	30 gallons.	1055

ments:

31

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: Baltazar

Site: WDI-048 Project No.: 29031601/1304 Date: 12/12/06

(2)

Well No. GW-11 Purge Method: Sub

Depth to Water (feet): 44.90 Depth to Product (feet): 0

Total Depth (feet) 128.12 LPH & Water Recovered (gallons): 0

Water Column (feet): 83.22 Casing Diameter (Inches): 4"

80% Recharge Depth(feet): 61.54 1 Well Volume (gallons): 54

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F C)	pH	D.O	ORP	Turbidity
1128			54	2.72	19.3	7.46			
			108	2.69	19.0	7.28			
	1213		162	2.69	18.7	7.27			

Static at Time Sampled	Total Gallons Purged	Sample Time
44.97	162 gallons	1233

88

nments: Duplicate taken from this well called it WDIGMWFD-11

Well No. GW-10 Purge Method: Sub

Depth to Water (feet): 44.53 Depth to Product (feet): 0

Total Depth (feet) 58.11 LPH & Water Recovered (gallons): 0

Water Column (feet): 13.58 Casing Diameter (Inches): 4"

80% Recharge Depth(feet): 47.24 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
1308			9	1881	20.5	6.94			
			18	1885	19.9	6.85			
	1330		27	1879	19.7	6.85			

Static at Time Sampled	Total Gallons Purged	Sample Time
44.63	27 gallons	1342

27

nents:

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: Baltazar

Site: WDI-048 Project No. 29031601/1304 Date: 12/12/06

Well No. GW-02 Purge Method: Sb

(3)

Depth to Water (feet): 37.07 Depth to Product (feet): 0

Total Depth (feet) 53.05 LPH & Water Recovered (gallons): 0

Water Column (feet): 15.98 Casing Diameter (Inches): 4"

80% Recharge Depth(feet): 40.26 1 Well Volume (gallons): 10

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F C)	pH	D.O.	ORP	Turbidity
1453			10	1625	18.0	7.93			
			20	1608	17.7	7.46			
	1513		30	1602	17.9	7.48			

Static at Time Sampled	Total Gallons Purged	Sample Time
37.60	30 gallons	1522

ments:

31

Well No. Purge Method:

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

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

Water Column (feet): Casing Diameter (Inches):

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

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F C)	pH	D.O.	ORP	Turbidity

Static at Time Sampled	Total Gallons Purged	Sample Time

ents:

TRC

~~CONOCOPHILLIPS~~ WDI

DRUM INVENTORY FIELD SHEET

PROJECT NUMBER: 29031601 DATE: 12/12/06

SITE #: WDI

ADDRESS: 9905 S. Greenleaf

CITY: Santa Fe Springs

ACTIVE STATION: Yes ____ No ✓

DRUMS EMPTY: 0 DRUMS FULL: 6

DRUMS LABELED: Yes ✓ No ____

TOTAL GALLONS GENERATED: 285 APPROX

DRUMS LABELED AND RETURNED TO SANTA FE SPRINGS YARD.

Start Meter Reading: ____ Time: ____

Stop Meter Reading: ____ Time: ____

Technician: [signature]

FIELD MONITORING DATA SHEET

Technician: HAFKENSCHEID Job #/Task #: 29031601 Date: 12/13/06

Site # WDI-048 Project Manager YF 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-29	X	—	63.60	48.10	0	0	0830	4"
GW-27	X	—	63.00	47.38	0	0	1002	4"
GW-26	X	—	62.98	46.41	0	0	1057	4"
GW-23	X	—	63.40	56.48	0	0	1130	4"
GW-32	X	—	125.20	43.18	0	0	1315	4"
WDI GMWFR-01		—	—	—	—	—	0730	
WDI GMWTB-01		—	—	—	—	—	N/A	
WDI GMWFB-01		—	—	—	—	—	0757	

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

MANIFEST DRUM INVENTORY ✓ TRAFFIC CONTROL

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: HAFFENSCHEED

Site: WDI Project No.: 29031601 Date: 12/13/06

①

Well No. GW-29 Purge Method: Sub

Depth to Water (feet): 48.10 Depth to Product (feet): 0

Total Depth (feet) 63.60 LPH & Water Recovered (gallons): 0

Water Column (feet): 15.50 Casing Diameter (Inches): 4"

80% Recharge Depth(feet): 51.20 1 Well Volume (gallons): 10

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D.O.	ORP	Turbidity
0809			10	977	18.8	7.10			
			20	989	17.9	7.06			
	0822		30	993	18.1	7.02			

Static at Time Sampled	Total Gallons Purged	Sample Time
48.07	30	0830

Comments:

Well No. GW-27 Purge Method: Sub

Depth to Water (feet): 47.38 Depth to Product (feet): 0

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

Water Column (feet): 15.62 Casing Diameter (Inches): 4"

80% Recharge Depth(feet): 50.50 1 Well Volume (gallons): 10

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D.O.	ORP	Turbidity
0945			10	798	17.6	7.48			
			20	786	18.2	7.43			
	0958		30	781	17.9	7.39			

Static at Time Sampled	Total Gallons Purged	Sample Time
47.35	30	1002

Comments:

TMS

GROUNDWATER SAMPLING FIELD NOTES

Technician: HARKENSCHEID

Site: WDI Project No.: 29031601 Date: 12/13/06

(2)

Well No. GW-20 Purge Method: Sub

Depth to Water (feet): 46.41 Depth to Product (feet): 0

Total Depth (feet) 62.98 LPH & Water Recovered (gallons): 0

Water Column (feet): 16.57 Casing Diameter (Inches): 4"

80% Recharge Depth(feet): 49.72 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
1037			11	792	17.5	7.34			
			22	810	18.1	7.27			
	1052		33	819	18.3	7.23			

Static at Time Sampled	Total Gallons Purged	Sample Time
46.37	33	1057

Comments:

Well No. GW-23 Purge Method: Sub

Depth to Water (feet): 56.48 Depth to Product (feet): 0

Total Depth (feet) 63.40 LPH & Water Recovered (gallons): 0

Water Column (feet): 6.92 Casing Diameter (Inches): 4"

80% Recharge Depth(feet): 57.86 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
1115			4	890	18.1	7.65			
			8	839	17.7	7.58			
	1122		12	846	17.5	7.51			

Static at Time Sampled	Total Gallons Purged	Sample Time
56.51	12	1130

Comments:

TDC

GROUNDWATER SAMPLING FIELD NOTES

Technician: HAFFENSCHEAD

Site: WD1 Project No.: 29031601 Date: 12/13/06

(3)

Well No. GW-32 Purge Method: Sub

Depth to Water (feet): 43.18 Depth to Product (feet): Ø

Total Depth (feet) 125.20 LPH & Water Recovered (gallons): Ø

Water Column (feet): 82.02 Casing Diameter (Inches): 4

80% Recharge Depth(feet): 59.58 1 Well Volume (gallons): 53

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F C)	pH	D.O.	ORP	Turbidity
1215			53	608	18.5	7.92			
			106	624	18.1	7.84			
	1305		159	632	18.3	7.81			

Static at Time Sampled	Total Gallons Purged	Sample Time
43.12	159	1315

Comments:

Well No. Purge Method:

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

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

Water Column (feet): Casing Diameter (Inches):

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

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F C)	pH	D.O.	ORP	Turbidity

Static at Time Sampled	Total Gallons Purged	Sample Time

Comments:

TRC

METER CALIBRATION LOG

CLIENT NAME: WDI

SITE #: WDI -048

LOCATION: 9905 S Greenleaf

METER BRAND NAME: OAKTON

METER MODEL #: 945

ALTON METER #: 945

CALIBRATION STANDARD EXP. DATE 07

CALIBRATED BY: HAFGUENSCHEID

DATE: 12/13/06

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		Conductivity	10000	
Turbidity	1.0		Turbidity	1.0	
Turbidity	10.0		Turbidity	10.0	

REMARKS:

SIGNATURE: [signature]

Page 1 of 1

APPENDIX B.6

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

INSPECTORS NAME	INSPECTORS SIGNATURE	INSPECTION TIME	INSPECTION DATE
STEVEN CRAWFORD	Steven Crawford	0800	12-19-06

WELL ID	WELLHEAD (Well box cover and concrete)	WELL LOCK	WELL CASING	EROSION AROUND WELL	COMMENTS	CHECK (√) WHEN INSPECTED
GW-01	OK	YES	OK	NONE		✓
GW-02	OK	YES	OK	NONE		✓
GW-10	OK	YES	OK	NONE		✓
GW-11	OK	YES	OK	NONE		✓
GW-22	OK	YES	OK	NONE		✓
GW-23	OK	YES	OK	NONE		✓
GW-26	OK	YES	OK	NONE		✓
GW-27	OK	YES	OK	NONE		✓
GW-29	OK	YES	OK	NONE		✓
GW-30	OK	YES	OK	NONE		✓
GW-32	OK	YES	OK	NONE		✓
GW-33	OK	YES	OK	NONE		✓

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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: 12-6-06

TECHNICIAN: STEVEN CRAWFORD

LFG INSTRUMENT – MODEL NO.: GA1/1-GA-90

LFG INSTRUMENT – SERIAL NO.: G 1549

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

PID/FID INSTRUMENT – SERIAL NO.: 0623018661

AMBIENT AIR TEMPERATURE @ START: 77.8 °F AMBIENT BAROMETRIC PRESSURE @ START: 30.06 in Hg

AMBIENT AIR TEMPERATURE @ END: 64.3 °F AMBIENT BAROMETRIC PRESSURE @ END: 30.11 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	1558	10	0.055	75°	Ø	0%	2.1%	17%	5.06	2.32	0%	2.3	16.8%	4.96	29	7.0	Ø
VW-29-I	1558	23	0.125	74°	Ø	0%	5.8%	8.8%	5.11	5.50	0%	5.7	8.7%	4.99	29.3	7.7	-.03
VW-29-D	1558	35	0.191	74°	-.01	0%	8%	8.7%	5.26	8.1	0%	7.9	8.7%	5.18	29.3	7.6	-.06
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)

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APPENDIX B.14

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

12-6-06

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	1841	6.5 FT.	0.035	62°	~~0~~	0%	0%	20.2	5.47	2.0	.4%	1.9%	7.5%	3.98	29.6	5.5	~~0~~
VW-46-I	1841	15 FT.	0.082	62°	-.07	0%	0%	20.1%	5.64	3.5	0%	8.2%	8.7%	3.90	29.7	5.8	-.10
* VW-46-D	1841	27 FT.	0.148	64°	-.05	0%	0%	20.3%	5.53	6.0	0%	9.5%	7.9%	3.23	29.5	5.8	-.12
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																	
VW-61-I																	
VW-61-D																	
VW-62-S																	
VW-62-I																	
VW-62-D																	
NOTES: * VW-46D DUPLICATE 1841															29.9	00.3	

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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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TABLE W.1
INSTRUMENT CALIBRATION CHECKLIST

DATE	INSTRUMENT	SERIAL NO.	CALIBRATION GAS USED	FINAL CALIBRATION READING	BATTERY CHECK	CALIBRATED BY
12/6/06	GA-90	G 1549	LANOTEC GAS 50% CH_4 35% CO_2	50% CH_4	OK	SC
12/6/06	TVA-1000	0623018661	ISOBUTYLENE (100 PPM)	100 PPM	OK	SC

DAILY FIELD REPORT

JOB NAME: WOI	PROJECT NUMBER: 29-0316-01	DATE: 12/6/06
LOCATION: GREENLEAF & LOS NIETOS	WEATHER: COOL	DAY: WEDNESDAY
CONTRACTOR: TRC	FOREMAN: TOM OEEN	
FIELD TECHNICIAN: STEVEN CRAWFORD	INSPECTION/TESTING OF: VAPOR WELL SAMPLING.	

SUMMARY OF OPERATIONS: ARRIVED ON-SITE AT 1430. SETUP EQUIPMENT TO BE USED. BEGAN AT VW-29. TOOK READINGS AND PURGED WELL. TOOK SAMPLES FOR 30 MINUTES. SAMPLE START TIME 1558, STOP TIME AT 1628. TOOK READINGS AGAIN. PROCEEDED TO VW-46 AT 1725. ARRIVED AT VW-46 AT 1732. TOOK READINGS AND PURGED WELL. TOOK SAMPLE FOR 30 MINUTES. STARTED SAMPLE AT 1841, STOP TIME AT 1911. TOOK READINGS FOR CH_4 AND VOC'S AGAIN. COMPLETED PAPERWORK AND PACKED SAMPLES. OFFSITE AT 2000.

TRC Alton Geoscience

APPE1 X B.7

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

INSPECTORS NAME	INSPECTORS SIGNATURE	INSPECTION TIME	INSPECTION DATE
STEVEN CRANFORD	Steven Cranford		12-6-06

WELL ID	WELLHEAD (Well box, cover, concrete)	WELL LOCK	WELL CASING	EROSION AROUND WELL	COMMENTS	CHECK (√) WHEN INSPECTED
VW-29		N/A	OK	NONE		✓
VW-31		N/A	OK	NONE		✓
VW-32		N/A	OK	NONE		✓
VW-33		N/A	OK	NONE		✓
VW-34		N/A	OK	NONE		✓
VW-36		N/A	OK	NONE		✓
VW-37		N/A	OK	NONE		✓
VW-38		N/A	OK	NONE		✓
VW-39		N/A	OK	NONE		✓
VW-41		N/A	OK	NONE		✓
VW-42		N/A	OK	NONE		✓
VW-25	WELL BOX CRACKED	N/A	OK	NONE		✓
VW-30		N/A	OK	NONE		✓
VW-35		N/A	OK	NONE		✓
VW-46		N/A	OK	NONE		✓
VW-49		N/A	OK	NONE		✓
VW-51		N/A	OK	NONE		✓
VW-55		N/A	OK	NONE		✓
VW-56		N/A	OK	NONE		✓
VW-58		N/A	OK	NONE		✓
VW-61		N/A	OK	NONE		✓
VW-62		N/A	OK	NONE		✓

APPENDIX B.7

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

INSPECTORS NAME	INSPECTORS SIGNATURE	INSPECTION TIME	INSPECTION DATE
STEVEN CRAWFORD	Steven Crawford	1630, 1800	12-6-06

WELL ID	WELLHEAD (Well box, cover, concrete)	WELL LOCK	WELL CASING	EROSION AROUND WELL	COMMENTS	CHECK (√) WHEN INSPECTED
VW-29	OK	N/A	OK	NONE	RUBBER GASKET NEEDS REPLACEMENT.	✓
VW-31						
VW-32						
VW-33						
VW-34						
VW-36						
VW-37						
VW-38						
VW-39						
VW-41						
VW-42						
VW-25						
VW-30						
VW-35						
VW-46	OK	N/A	OK	NONE		✓
VW-49						
VW-51						
VW-55						
VW-56						
VW-58						
VW-61						
VW-62						

APPENDIX B.14

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

DATE: 12-8-06

TECHNICIAN: STEVEN CRAWFORD

LFG INSTRUMENT – MODEL NO.: GA 1/1-GA-90

LFG INSTRUMENT – SERIAL NO.: G 1549

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

PID/FID INSTRUMENT – SERIAL NO.: 0623018661

AMBIENT AIR TEMPERATURE @ START: 76.4 °F AMBIENT BAROMETRIC PRESSURE @ START: 30.08 in Hg

AMBIENT AIR TEMPERATURE @ END: 74.1 °F AMBIENT BAROMETRIC PRESSURE @ END: 30.07 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																	
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)

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APPENDIX B.14

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

12-8-06

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																	
VW-55-I																	
VW-55-D																	
* VW-56-S	1208	8 FT.	0.044	71°	Ø	0%	14.3%	0.9%	2.75	2.0	0%	14.2%	1.0%	2.54	28.7	6.3	+.28
VW-56-I	1208	17 FT.	0.091	72°	Ø	0%	8.8%	10.5%	2.31	4.1	0%	16.1%	2.4%	2.48	29.2	7.3	+.49
VW-56-D	1208	28 FT.	0.153	72°	Ø	0%	15.6%	3.3%	2.08	6.8	0%	16%	2.7%	2.32	29.1	6.7	+.52
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: * VW-56SSC 8 FT. SAMPLE TIME 1208 DUPLICATE															29.1	6.8	

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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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TABLE W.1
INSTRUMENT CALIBRATION CHECKLIST

DATE	INSTRUMENT	SERIAL NO.	CALIBRATION GAS USED	FINAL CALIBRATION READING	BATTERY CHECK	CALIBRATED BY
12/8/06	GA-90	G 1549	LANDTEC GAS 50% CH4 35% CO2	50% CH4	OK	SC
12/8/06	TVA-1000	0623018661	ISOBUTYLENE (100 PPM)	100 PPM	OK	SC

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DAILY FIELD REPORT

JOB NAME: WDI	PROJECT NUMBER: 29-0316-01	DATE: 12/8/06
LOCATION: GREENLEAF & LOS NIETOS	WEATHER: SUNNY	DAY: FRIDAY
CONTRACTOR: TRC	FOREMAN: TOM DEEN	
FIELD TECHNICIAN: STEVEN CRAWFORD	INSPECTION/TESTING OF: VAPOR WELL SAMPLING	

SUMMARY OF OPERATIONS: ON-SITE AT 1100. SETUP EQUIPMENT AND CALIBRATED INSTRUMENTS. PROCEEDED TO VW-56. TOOK READINGS FOR CH_4 AND VOC'S. STARTED SAMPLE AT 1208. STOPPED SAMPLE AT 1238. TOOK READINGS FOR CH_4 AND VOC'S. COMPLETED PAPERWORK AND PACKED SAMPLES. OFFSITE AT 1400.

TRC Alton Geoscience

AP. .NDIX B.7

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

INSPECTORS NAME	INSPECTORS SIGNATURE	INSPECTION TIME	INSPECTION DATE
STEVEN CRAWFORD	Steven Crawford	700	12-8-06

WELL ID	WELLHEAD (Well box, cover, concrete)	WELL LOCK	WELL CASING	EROSION AROUND WELL	COMMENTS	CHECK (√) WHEN INSPECTED
VW-29						
VW-31						
VW-32						
VW-33						
VW-34						
VW-36						
VW-37						
VW-38						
VW-39						
VW-41						
VW-42						
VW-25						
VW-30						
VW-35						
VW-46						
VW-49						
VW-51						
VW-55						
VW-56	OK	N/A	OK.	OK.		✓
VW-58						
VW-61						
VW-62						

APPENDIX B.14

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

DATE: 12-12-06

TECHNICIAN: STEVEN CRAWFORD

LFG INSTRUMENT – MODEL NO.: GA 1/1-GA-90

LFG INSTRUMENT – SERIAL NO.: G 1549

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

PID/FID INSTRUMENT – SERIAL NO.: 0623018661

AMBIENT AIR TEMPERATURE @ START: 76.2 °F AMBIENT BAROMETRIC PRESSURE @ START: 30.24 in Hg

AMBIENT AIR TEMPERATURE @ END: 70.8 °F AMBIENT BAROMETRIC PRESSURE @ END: 30.23 in Hg

WEATHER: PARTY CLOUDY

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	1129	10 FT.	0.055	73°	-.01	0%	4.2%	16.7%	1.48	2.32	0%	4.3%	16.6%	3.46	29.1	5.4	+.01
VW-31-D	1129	30 FT.	0.164	74°	+.03	0%	8.7%	11.4%	1.07	7.00	0%	8.1%	11.4%	3.28	29.1	7.6	+.04
VW-32-S																	
VW-32-I																	
VW-32-D																	
VW-33-S																	
VW-33-D																	
VW-34-S	1253	10 FT.	0.055	80°	+.05	0%	7.5%	12.9%	2.20	2.32	0%	7.5%	12.9%	1.81	29.0	6.7	+.03
* VW-34-I	1253	23 FT.	0.126	80°	+.07	0%	.3%	19.4%	2.78	5.5	0%	.3%	19.7%	2.97	29.1	7.2	+.01
VW-34-D	1253	40 FT.	0.219	78°	+.30	0%	4.9%	12.8%	2.04	9.3	0%	12.1%	4.3%	1.12	29.0	7.2	+.27
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																	
															29.0	7.5	

(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)

* DUPLICATE VW-34-I SE/1253

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APPENDIX B.14

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

12-12-06

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)	
NON-COMPLIANCE VAPOR MONITORING WELLS																	
VW-25																	
VW-30-S																	
VW-30-I																	
VW-30-D																	
VW-35-S	1517	10 FT.	0.055	77°	Ø	0%	6.2%	12.7%	1.04	2.32	0%	6.2%	12.5%	1.60	29.0	7.5	Ø
VW-35-D	1517	38 FT.	0.208	76°	+.06	0%	5.6%	12.9%	2.23	8.6	0%	12.3%	6.1%	1.01	29.1	6.3	+.02
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																	
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:																	

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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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TABLE W.1
INSTRUMENT CALIBRATION CHECKLIST

DATE	INSTRUMENT	SERIAL NO.	CALIBRATION GAS USED	FINAL CALIBRATION READING	BATTERY CHECK	CALIBRATED BY
12-12-06	TVA-1000	0623018661	ISOBUTYLENE (100 PPM)	100 PPM	OK	SC
12-12-06	GA-90	G1549	LANDTEC GAS 50% CH4 35% CO2	50% CH4	OK	SC

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DAILY FIELD REPORT

JOB NAME: WDI	PROJECT NUMBER: 29-0316-01	DATE: 12-12-06
LOCATION: LOS NIETOS / GREENLEAF	WEATHER: PARTLY CLOUDY	DAY: TUESDAY
CONTRACTOR: TRC	FOREMAN: TOM DEEN	
FIELD TECHNICIAN: STEVEN CRAWFORD	INSPECTION/TESTING OF: VAPOR WELL MONITORING AND SAMPLING OF VW-31, VW-34 AND VW-35.	

SUMMARY OF OPERATIONS:

ARRIVED ON-SITE AT 1000. CALIBRATED INSTRUMENTS, SETUP EQUIPMENT TO BE USED. ON-SITE AT VW-31 AT 1103. RECORDED ALL READINGS. BEGAN SAMPLE COLLECTION AT 1129. COMPLETED SAMPLE AT 1169. ARRIVED AT VW-34 AT 1214. RECORDED ALL READINGS. BEGAN SAMPLE COLLECTION AT 1253. COMPLETED SAMPLE AT 1323. ARRIVED AT VW-35 AT 1438. RECORDED ALL READINGS. BEGAN SAMPLE COLLECTION AT 1517. COMPLETED SAMPLE AT 1547. PACKED SAMPLES, COMPLETED PAPERWORK AND CHAIN OF CUSTODY.

TRC Alton Geoscience

APPE. IX B.7

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

INSPECTORS NAME	INSPECTORS SIGNATURE	INSPECTION TIME	INSPECTION DATE
STEVEN CRAWFORD	Steven Crawford	900, 1030, 1445	12-12-06

WELL ID	WELLHEAD (Well box, cover, concrete)	WELL LOCK	WELL CASING	EROSION AROUND WELL	COMMENTS	CHECK (√) WHEN INSPECTED
VW-29						
VW-31	OK	N/A	OK	OBSERVED NONE		✓
VW-32						
VW-33						
VW-34	OK	N/A	OK	OBSERVED NONE		✓
VW-36						
VW-37						
VW-38						
VW-39						
VW-41						
VW-42						
VW-25						
VW-30						
VW-35	OK	N/A	OK	OBSERVED NONE		✓
VW-46						
VW-49						
VW-51						
VW-55						
VW-56						
VW-58						
VW-61						
VW-62						

APPENDIX B.14

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

DATE: 12-14-06

TECHNICIAN: STEVEN CRAWFORD

LFG INSTRUMENT – MODEL NO.: GA1/1 - GA-90

LFG INSTRUMENT – SERIAL NO.: G1549

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

PID/FID INSTRUMENT – SERIAL NO.: 0623018661

AMBIENT AIR TEMPERATURE @ START: 74.3 °F AMBIENT BAROMETRIC PRESSURE @ START: 30.10 in Hg

AMBIENT AIR TEMPERATURE @ END: 75.9 °F AMBIENT BAROMETRIC PRESSURE @ END: 30.02 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																	
VW-34-I																	
VW-34-D																	
VW-36-S																	
VW-36-D																	
VW-37-S																	
VW-37-D																	
VW-38-S	1240	10 FT.	0.055	77°	-.14	0%	7.1%	10.0%	FLAME OUT	2.32	0%	9.0%	9.7%	.64	29.3	5.8	-.01
VW-38-D	1240	34 FT.	0.186	77°	+.17	0%	4.4%	8.5%	FLAME OUT	8.0	0%	10.3%	1.0%	FLAME OUT	29.3	6.1	+.24
VW-39-S	1122	7 FT.	0.039	73°	+.03	0%	5.8%	10.6%	FLAME OUT	2.0	0%	5.3%	10.5%	FLAME OUT	29.4	7.1	0
VW-39-D	1122	30 FT.	0.164	72°	+.01	0%	3.7%	12.4%	FLAME OUT	7.0	0%	7.9%	5.0%	FLAME OUT	29.3	7.4	+.01
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)

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APPENDIX B.14

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

12-14-06

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																	
VW-55-I																	
VW-55-D																	
VW-56-S																	
VW-56-I																	
VW-56-D																	
* VW-58-S	0930	8 FT.	0.044	72°	-.01	0%	5.5%	13.9%	Ø	2.0	0%	5.3%	12.7%	FLAME OUT	29.8	5.3	-.01
VW-58-I	0930	19 FT.	0.104	71°	Ø	0%	13.7%	5.5%	0.24	4.5	0%	13.8%	5.2%	-.24	29.7	5.8	-.13
VW-58-D	0930	29 FT.	0.159	66°	-.16	0%	13.9%	4.7%	0.11	6.9	0%	13.8%	5.2%	FLAME OUT	29.3	29.0	-.13
VW-61-S																	
VW-61-I																	
VW-61-D																	
VW-62-S																	
VW-62-I																	
VW-62-D																	
NOTES: DUPLICATE * VW-58-SSCD930															29.4	6.9	

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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, CH_4, CO_2 and O_2)

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TABLE W.1
INSTRUMENT CALIBRATION CHECKLIST

DATE	INSTRUMENT	SERIAL NO.	CALIBRATION GAS USED	FINAL CALIBRATION READING	BATTERY CHECK	CALIBRATED BY
12-14-06	TVA-1000	0623018661	ISOBUTYLENE (100 PPM)	100 PPM	OK	SC
12-14-06	GA-90	G 1549	BANDTEC GAS 50% CH_4 35% CO_2	50% CH_4	OK	SC

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DAILY FIELD REPORT

JOB NAME: WOI	PROJECT NUMBER: 29-0316-01	DATE: 12-14-06
LOCATION: LOS NIETOS ; GREENLEAF	WEATHER: SUNNY	DAY: THURSDAY
CONTRACTOR: TRC	FOREMAN: TOM DEEN	
FIELD TECHNICIAN: STEVEN CRAWFORD	INSPECTION/TESTING OF: VAPOR WELL MONITORING AND SAMPLING OF VW-38, VW-39, AND VW-58.	

SUMMARY OF OPERATIONS:

ARRIVED ON-SITE AT 0730. CALIBRATED INSTRUMENTS. SETUP EQUIPMENT TO BE USED. ARRIVED AT VW-58 AT 847. RECORDED ALL READINGS. BEGAN SAMPLE COLLECTION AT 930. COMPLETED SAMPLE AT 1000. ARRIVED AT VW-39 AT 1033. RECORDED ALL READINGS. BEGAN SAMPLE COLLECTION AT 1122. COMPLETED SAMPLE AT 1152. ARRIVED AT VW-38 AT 1154. RECORDED ALL READINGS. BEGAN SAMPLE COLLECTION AT 1240. COMPLETED SAMPLE AT 1310. COMPLETED PAPERWORK, CHAIN OF CUSTODY, AND PACKED SAMPLES. OFF SITE AT 1455.

TRC Alton Geoscience

APPE. DIX B.7

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

INSPECTORS NAME	INSPECTORS SIGNATURE	INSPECTION TIME	INSPECTION DATE
STEVEN CRAWFORD	Steven Crawford	815, 1100, 1400	12-14-06

WELL ID	WELLHEAD (Well box, cover, concrete)	WELL LOCK	WELL CASING	EROSION AROUND WELL	COMMENTS	CHECK (√) WHEN INSPECTED
VW-29						
VW-31						
VW-32						
VW-33						
VW-34						
VW-36						
VW-37						
VW-38	OK	N/A	OK	OBSERVED NONE		✓
VW-39	OK	N/A	OK	OBSERVED NONE	GASKET NEEDS REPLACEMENT.	✓
VW-41						
VW-42						
VW-25						
VW-30						
VW-35						
VW-46						
VW-49						
VW-51						
VW-55						
VW-56						
VW-58	OK	N/A	OK	OBSERVED NONE		✓
VW-61						
VW-62						

APPENDIX B.14

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

DATE: 12-19-06

TECHNICIAN: STEVEN CRAWFORD

LFG INSTRUMENT – MODEL NO.: GA1/1-GA-90

LFG INSTRUMENT – SERIAL NO.: G1549

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

PID/FID INSTRUMENT – SERIAL NO.: 062301866l

AMBIENT AIR TEMPERATURE @ START: 61.2 °F AMBIENT BAROMETRIC PRESSURE @ START: 30.20 in Hg

AMBIENT AIR TEMPERATURE @ END: 63.3 °F AMBIENT BAROMETRIC PRESSURE @ END: 30.21 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~~																	
~~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	0935	7 FT.	0.039	51°	-.02	0%	2.4%	19.8%	1.37	2.0	0%	1.4%	20.8%	1.79	30.1	5.9	Ø
VW-41-D	0935	20 FT.	0.109	51°	-.04	0%	6.7%	15.7%	1.64	4.6	0%	6.6%	15.8%	1.47	30.3	6.3	-.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)

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APPENDIX B.14

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

12-19-06

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	1425	10 FT.	.055 ~~[illegible]~~	64°	+.02	0%	14.0%	3.5%	3.03	2.32	0%	8.9%	7.3%	1.62	29.6	4.9	Ø
VW-49-I	1425	18 FT.	0.048 ~~[illegible]~~	64°	+.10	0%	14.0%	3.7%	FLAME OUT	4.2	0%	14.0%	3.5%	FLAME OUT	29.5	5.3	+.02
VW-49-D	1425	30 FT.	0.[illegible] ~~[illegible]~~	64°	+.10	0%	13.5%	5.8%	FLAME OUT	7.0	0%	14.2%	3.5%	FLAME OUT	29.4	5.8	+.02
VW-51-S																	
VW-51-I																	
VW-51-D																	
VW-55-S	1135	5 FT.	0.02[illegible]	52°	Ø	5.4%	8.2%	.3%	FLAME OUT	1.32	4.8%	16.9%	.4%	FLAME OUT	29.8	5.1	Ø
VW-55-I	1135	18 FT.	0.098	52°	+.03	0%	12.1%	.6%	FLAME OUT	4.4	0%	17.1%	.3%	FLAME OUT	29.1	2.9	+.22
VW-55-D	1135	29 FT.	0.156	51°	+.02	0%	16.7%	.6%	FLAME OUT	6.9	0%	7.9% ~~[illegible]~~	.4%	FLAME OUT	29.7	5.4	+.21
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:															~~29.5~~		
* VW-55 I SC 1135 18 FT. DUPLICATE															29.5	6.6	

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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)

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TABLE W.1
INSTRUMENT CALIBRATION CHECKLIST

DATE	INSTRUMENT	SERIAL NO.	CALIBRATION GAS USED	FINAL CALIBRATION READING	BATTERY CHECK	CALIBRATED BY
12-19-06	TVA-1000	0623018661	ISOBUTYLENE (100 PPM)	99.8 PPM	OK	SC
12-19-06	GA-90	G 1549	LANDTEC GAS 50% CH4 35% CO2	50% CH4	OK	SC

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DAILY FIELD REPORT

JOB NAME: WDI	PROJECT NUMBER: 29-0316-01	DATE: 12-19-06
LOCATION: LOS NIETOS / GREENLEAF	WEATHER: SUNNY	DAY: TUESDAY
CONTRACTOR: TRC	FOREMAN: TOM DEEN	
FIELD TECHNICIAN: STEVEN CRAWFORD	INSPECTION/TESTING OF: VAPOR WELL MONITORING AND SAMPLING OF VW-41, VW-49, AND VW-55.	

SUMMARY OF OPERATIONS:

ARRIVED ON-SITE AT 0745. CALIBRATED INSTRUMENTS. SETUP EQUIPMENT TO BE USED. ARRIVED AT VW-41 AT 850. RECORDED ALL READINGS. BEGAN SAMPLE COLLECTION AT 935. COMPLETED SAMPLE AT 1005. ARRIVED AT VW-55 AT 1038. RECORDED ALL READINGS. BEGAN SAMPLE COLLECTION AT 1135. COMPLETED SAMPLE AT 1205. ARRIVED AT VW-49 AT 1315. RECORDED ALL READINGS. BEGAN SAMPLE COLLECTION AT 1425. COMPLETED SAMPLE AT 1455. COMPLETED PAPERWORK, CHAIN OF CUSTODY, AND PACKED SAMPLES. OFF-SITE AT 1635.

TRC Alton Geoscience

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
STEVEN CRAWFORD	Steven Crawford	845, 1010, 1515	12-19-06

WELL ID	WELLHEAD (Well box, cover, concrete)	WELL LOCK	WELL CASING	EROSION AROUND WELL	COMMENTS	CHECK (√) WHEN INSPECTED
VW-29						
VW-31						
VW-32						
VW-33						
VW-34						
VW-36						
VW-37						
VW-38						
VW-39						
VW-41	OK	N/A	OK	OBSERVED NONE		✓
VW-42						
VW-25						
VW-30						
VW-35						
VW-46						
VW-49	OK	N/A	OK	OBSERVED NONE		✓
VW-51						
VW-55	OK	N/A	OK	OBSERVED NONE		✓
VW-56						
VW-58						
VW-61						
VW-62						

APPENDIX B.14

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

DATE: 12-20-06

TECHNICIAN: STEVEN CRAWFORD

LFG INSTRUMENT – MODEL NO.: GA1/1-GA-90

LFG INSTRUMENT – SERIAL NO.: G 1549

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

PID/FID INSTRUMENT – SERIAL NO.: 0623018661

AMBIENT AIR TEMPERATURE @ START: 70.9 °F AMBIENT BAROMETRIC PRESSURE @ START: 30.29 in Hg

AMBIENT AIR TEMPERATURE @ END: 68.2 °F AMBIENT BAROMETRIC PRESSURE @ END: 30.29 in Hg

WEATHER: SUNNY COOL

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																	
VW-34-I																	
VW-34-D																	
VW-36-S																	
VW-36-D																	
VW-37-S	0955	10 FT.	0.055	57°	Ø	0%	9.7%	6.5%	1.31	2.32	0%	9.6%	6.2%	3.32	30.1	6.4	Ø
VW-37-D	0955	30 FT.	0.164	56°	-.10	0%	11.1%	4.6%	1.58	7.0	0%	11.2%	4.9%	3.47	30.0	6.0	+.01
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)

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APPENDIX B.14

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

12-20-06

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																	
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	1630	15 FT.	0.082	57°	-.22	0%	8.0%	~~7.6%~~	1.21	3.5	0%	8.2%	1.8%	2.02	29.7	5.9	-.19
VW-61-I	1630	25 FT.	0.136	58°	+.05	0%	14.4%	5.0%	1.48	5.8	0%	14.7%	5.2%	1.89	29.9	6.3	-.03
VW-61-D	1630	35 FT.	0.191	56°	+.01	0%	15.5%	3.0%	1.14	8.1	0%	15.2%	3.8%	1.93	29.7	6.5	-.03
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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TABLE W.1
INSTRUMENT CALIBRATION CHECKLIST

DATE	INSTRUMENT	SERIAL NO.	CALIBRATION GAS USED	FINAL CALIBRATION READING	BATTERY CHECK	CALIBRATED BY
12-20-06	TVA-1000	0623018661	ISOBUTYLENE 100 PPM	100 PPM	OK	SC
12-20-06	GA-90	G1549	LANDTEC GAS 50% CH4 35% CO2	50% CH4	OK	SC

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DAILY FIELD REPORT

JOB NAME: WDI	PROJECT NUMBER: 29-0316-01	DATE: 12-20-06
LOCATION: LOS NIETOS / GREENLEAF	WEATHER: SUNNY COOL	DAY: WEDNESDAY
CONTRACTOR: TRC	FOREMAN: TOM DEEN	
FIELD TECHNICIAN: STEVEN CRAWFORD	INSPECTION/TESTING OF: VAPOR WELL MONITORING AND SAMPLING OF VW-37 AND VW-61.	

SUMMARY OF OPERATIONS:

ARRIVED ON-SITE AT 0800. CALIBRATED INSTRUMENTS. SETUP EQUIPMENT TO BE USED. ARRIVED AT VW-37 AT 912. RECORDED ALL READINGS. BEGAN SAMPLE COLLECTION AT 0955. COMPLETED SAMPLE AT 1025. ARRIVED AT VW-61 AT 1534. RECORDED ALL READINGS. BEGAN SAMPLE COLLECTION AT 1630. COMPLETED SAMPLE AT 1700. COMPLETED PAPERWORK, CHAIN OF CUSTODY, AND PACKED SAMPLES. OFF-SITE AT 1815.

TRC Alton Geoscience

APPL DIX B.7

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

INSPECTORS NAME	INSPECTORS SIGNATURE	INSPECTION TIME	INSPECTION DATE
STEVEN CRAWFORD	Steven Crawford	925, 1105	12-20-06

WELL ID	WELLHEAD (Well box, cover, concrete)	WELL LOCK	WELL CASING	EROSION AROUND WELL	COMMENTS	CHECK (√) WHEN INSPECTED
VW-29						
VW-31						
VW-32						
VW-33						
VW-34						
VW-36						
VW-37	OK	N/A	OK	OBSERVED NONE		✓
VW-38						
VW-39						
VW-41						
VW-42						
VW-25						
VW-30						
VW-35						
VW-46						
VW-49						
VW-51						
VW-55						
VW-56						
VW-58						
VW-61	OK	N/A	OK	OBSERVED NONE		✓
VW-62						

APPENDIX B.14

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

DATE: 12-21-06

TECHNICIAN: STEVEN CRAWFORD

LFG INSTRUMENT – MODEL NO.: GA 1/1-GA-90

LFG INSTRUMENT – SERIAL NO.: G 1549

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

PID/FID INSTRUMENT – SERIAL NO.: 0623018661

AMBIENT AIR TEMPERATURE @ START: 60.2 °F AMBIENT BAROMETRIC PRESSURE @ START: 30.19 in Hg

AMBIENT AIR TEMPERATURE @ END: 64.5 °F AMBIENT BAROMETRIC PRESSURE @ END: 30.13 in Hg

WEATHER: SUNNY COOL

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																	
VW-34-I																	
VW-34-D																	
VW-36-S	1515	10 FT.	0.055	62°	Ø	0%	6.5%	15.5%	2.48	2.32	0%	6.5%	15.4%	1.02	29.1	6.3	-.08
VW-36-D	1515	30 FT.	0.164	62°	+.18	0%	9.8%	10.5%	2.01	7.0	0%	10%	10.5%	2.34	29.6	6.2	Ø
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)

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APPENDIX B.14

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

12-21-06

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	0830	7 FT.	0.039	47°	Ø	0%	5.4%	14.4%	1.97	2.0	0%	5.1%	15%	2.11	30.1	5.7	Ø
VW-30-I	0830	23 FT.	0.126	47°	-.02	0%	.5%	21.4%	2.12	5.6	0%	7.2%	12.2%	2.34	29.3	4.6	-.02
VW-30-D	0830	35 FT.	0.191	47°	-.02	0%	1.5%	19.8%	2.46	8.1	0%	4.9%	13.3%	2.62	29.9	4.4	-.02
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	0945	8 FT.	0.044	53°	-.02	0%	10.1%	.9%	FLAME OUT	2.4	0%	10%	.3%	FLAME OUT	29.5	5.2	Ø
VW-51-I	0945	18 FT.	0.098	53°	+2.57	42.7%	.6%	15.3%	3.21	4.2	34.7%	10.2%	.5%	4.07	28.7	4.9	Ø
VW-51-D	0945	30 FT.	0.164	52°	-.09	0%	10.4%	1.0%	FLAME OUT	7.0	.7%	13.7%	.6%	FLAME OUT	29.7	6.0	+.09
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	1115	8 FT.	0.044	60°	-.18	3.9%	18.5%	.7%	FLAME OUT	2.10	3.8%	13.3%	.6%	FLAME OUT	29.2	4.3	+.01
VW-62-I	1115	18 FT.	0.098	60°	+.15	0%	15.5%	.8%	FLAME OUT	4.4	0%	15.7%	.3%	FLAME OUT	29.7	5.8	+.40
VW-62-D	1115	29 FT.	0.159	59°	+.16	0%	15.5%	.6%	FLAME OUT	6.8	0%	15.5%	.6%	FLAME OUT	29.6	5.0	Ø
NOTES: * VW-62 AMBIENT 1115															29.8	5.8	

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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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DAILY FIELD REPORT

JOB NAME: WDI	PROJECT NUMBER: 29-0316-01	DATE: 12-21-06
LOCATION: LOS NIETOS GREENLEAF	WEATHER: SUNNY COOL.	DAY: THURSDAY
CONTRACTOR: TRC	FOREMAN: TOM DEEN	
FIELD TECHNICIAN: STEVEN CRAWFORD	INSPECTION/TESTING OF: VAPOR WELL MONITORING AND SAMPLING OF VW-30, VW-36, VW-51, AND VW-62.	

SUMMARY OF OPERATIONS:

ARRIVED ON-SITE AT 700. SETUP EQUIPMENT TO BE USED. CALIBRATED INSTRUMENTS. ON-SITE AT VW-30 AT 805. RECORDED ALL READINGS. SET SAMPLE AT 0830. COMPLETED SAMPLE AT 900. ARRIVED AT VW-51 AT 0916. RECORDED ALL READINGS. SET SAMPLE AT 945. COMPLETED SAMPLE AT 1015. ARRIVED AT VW-62 AT 1027. RECORDED ALL READINGS. SET SAMPLE AT 1115. COMPLETED SAMPLE AT 1145. ARRIVED AT VW-36 AT 1435. RECORDED ALL READINGS. SET SAMPLE AT 1515. COMPLETED SAMPLE AT 1545. COMPLETED PAPERWORK AND PACKED SAMPLES AT 1700. OFF SITE AT 1710.

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TABLE W.1
INSTRUMENT CALIBRATION CHECKLIST

DATE	INSTRUMENT	SERIAL NO.	CALIBRATION GAS USED	FINAL CALIBRATION READING	BATTERY CHECK	CALIBRATED BY
12-21-06	TVA-1000	0623018661	ISOBUTYLENE (100 PPM)	100 PPM	OK	SC
12-21-06	GA-90	G 1549	LANOTEC GAS 50% CH4 35% CO2	50% CH4	OK	SC

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APPENDIX B.7

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

INSPECTORS NAME	INSPECTORS SIGNATURE	INSPECTION TIME	INSPECTION DATE
STEVEN CRAWFORD	Steven Crawford	845, 1010, 1515	12-19-06

WELL ID	WELLHEAD (Well box, cover, concrete)	WELL LOCK	WELL CASING	EROSION AROUND WELL	COMMENTS	CHECK (√) WHEN INSPECTED
VW-29						
VW-31						
VW-32						
VW-33						
VW-34						
VW-36						
VW-37						
VW-38						
VW-39						
VW-41	OK	N/A	OK	OBSERVED NONE		✓
VW-42						
VW-25						
VW-30						
VW-35						
VW-46						
VW-49	OK	N/A	OK	OBSERVED NONE		✓
VW-51						
VW-55	OK	N/A	OK	OBSERVED NONE		✓
VW-56						
VW-58						
VW-61						
VW-62						

APPENDIX B.14

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

DATE: 12-20-06

TECHNICIAN: STEVEN CRAWFORD

LFG INSTRUMENT – MODEL NO.: GA1/1-GA-90

LFG INSTRUMENT – SERIAL NO.: G 1549

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

PID/FID INSTRUMENT – SERIAL NO.: 0623018661

AMBIENT AIR TEMPERATURE @ START: 70.9 °F AMBIENT BAROMETRIC PRESSURE @ START: 30.29 in Hg

AMBIENT AIR TEMPERATURE @ END: 68.2 °F AMBIENT BAROMETRIC PRESSURE @ END: 30.29 in Hg

WEATHER: SUNNY COOL

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																	
VW-34-I																	
VW-34-D																	
VW-36-S																	
VW-36-D																	
VW-37-S	0955	10 FT.	0.055	57°	Ø	0%	9.7%	6.5%	1.31	2.32	0%	9.6%	6.2%	3.32	30.1	6.4	Ø
VW-37-D	0955	30 FT.	0.164	56°	-.10	0%	11.1%	4.6%	1.58	7.0	0%	11.2%	4.9%	3.47	30.0	6.0	+.01
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)

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APPENDIX B.14

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

12-20-06

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																	
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	1630	15 FT.	0.082	57°	-.22	0%	8.0%	~~7.1%~~	1.21	3.5	0%	8.2%	1.8%	2.02	29.7	5.9	-.19
VW-61-I	1630	25 FT.	0.136	58°	+.05	0%	14.4%	5.0%	1.48	5.8	0%	14.7%	5.2%	1.89	29.9	6.3	-.03
VW-61-D	1630	35 FT.	0.191	56°	+.01	0%	15.5%	3.0%	1.14	8.1	0%	15.2%	3.8%	1.93	29.7	6.5	-.03
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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TABLE W.1
INSTRUMENT CALIBRATION CHECKLIST

DATE	INSTRUMENT	SERIAL NO.	CALIBRATION GAS USED	FINAL CALIBRATION READING	BATTERY CHECK	CALIBRATED BY
12-20-06	TVA-1000	0623018661	ISOBUTYLENE 100 PPM	100 PPM	OK	SC
12-20-06	GA-90	G1549	LANDTEC GAS 50% CH4 35% CO2	50% CH4	OK	SC

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DAILY FIELD REPORT

JOB NAME: WDI	PROJECT NUMBER: 29-0316-01	DATE: 12-20-06
LOCATION: LOS NIETOS / GREENLEAF	WEATHER: SUNNY COOL	DAY: WEDNESDAY
CONTRACTOR: TRC	FOREMAN: TOM DEEN	
FIELD TECHNICIAN: STEVEN CRAWFORD	INSPECTION/TESTING OF: VAPOR WELL MONITORING AND SAMPLING OF VW-37 AND VW-61.	

SUMMARY OF OPERATIONS:

ARRIVED ON-SITE AT 0800. CALIBRATED INSTRUMENTS. SETUP EQUIPMENT TO BE USED. ARRIVED AT VW-37 AT 912. RECORDED ALL READINGS. BEGAN SAMPLE COLLECTION AT 0955. COMPLETED SAMPLE AT 1025. ARRIVED AT VW-61 AT 1534. RECORDED ALL READINGS. BEGAN SAMPLE COLLECTION AT 1630. COMPLETED SAMPLE AT 1700. COMPLETED PAPERWORK, CHAIN OF CUSTODY, AND PACKED SAMPLES. OFF-SITE AT 1815.

TRC Alton Geoscience

APPENDIX B.7

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

INSPECTORS NAME	INSPECTORS SIGNATURE	INSPECTION TIME	INSPECTION DATE
STEVEN CRAWFORD	Steven Crawford	925, 1105	12-20-06

WELL ID	WELLHEAD (Well box, cover, concrete)	WELL LOCK	WELL CASING	EROSION AROUND WELL	COMMENTS	CHECK (√) WHEN INSPECTED
VW-29						
VW-31						
VW-32						
VW-33						
VW-34						
VW-36						
VW-37	OK	N/A	OK	OBSERVED NONE		✓
VW-38						
VW-39						
VW-41						
VW-42						
VW-25						
VW-30						
VW-35						
VW-46						
VW-49						
VW-51						
VW-55						
VW-56						
VW-58						
VW-61	OK	N/A	OK	OBSERVED NONE		✓
VW-62						

APPENDIX B.14

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

DATE: 12-21-06

TECHNICIAN: STEVEN CRAWFORD

LFG INSTRUMENT – MODEL NO.: GA 1/1-GA-90

LFG INSTRUMENT – SERIAL NO.: G 1549

PID/FID INSTRUMENT – MODEL NO.: TVA-1000B-B1040

PID/FID INSTRUMENT – SERIAL NO.: 0623018661

AMBIENT AIR TEMPERATURE @ START: 60.2 °F AMBIENT BAROMETRIC PRESSURE @ START: 30.19 in Hg

AMBIENT AIR TEMPERATURE @ END: 64.5 °F AMBIENT BAROMETRIC PRESSURE @ END: 30.13 in Hg

WEATHER: SUNNY COOL

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																	
VW-34-I																	
VW-34-D																	
VW-36-S	1515	10 FT.	0.055	62°	Ø	0%	6.5%	15.5%	2.48	2.32	0%	6.5%	15.4%	1.02	29.1	6.3	-.08
VW-36-D	1515	30 FT.	0.164	62°	+.18	0%	9.8%	10.5%	2.01	7.0	0%	10%	10.5%	2.34	29.6	6.2	Ø
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)

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APPENDIX B.14

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

12-21-06

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	0830	7 FT.	0.039	47°	Ø	0%	5.4%	14.4%	1.97	2.0	0%	5.1%	15%	2.11	30.1	5.7	Ø
VW-30-I	0830	23 FT.	0.126	47°	-.02	0%	.5%	21.4%	2.12	5.6	0%	7.2%	12.2%	2.34	29.3	4.6	-.02
VW-30-D	0830	35 FT.	0.191	47°	-.02	0%	1.5%	19.8%	2.46	8.1	0%	4.9%	13.3%	2.62	29.9	4.4	-.02
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	0945	8 FT.	0.044	53°	-.02	0%	10.1%	.9%	FLAME OUT	2.4	0%	10%	.3%	FLAME OUT	29.5	5.2	Ø
VW-51-I	0945	18 FT.	0.098	53°	+2.57	42.7%	.6%	15.3%	3.21	4.2	34.7%	10.2%	.5%	4.07	28.7	4.9	Ø
VW-51-D	0945	30 FT.	0.164	52°	-.09	0%	10.4%	1.0%	FLAME OUT	7.0	.7%	13.7%	.6%	FLAME OUT	29.7	6.0	+.09
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	1115	8 FT.	0.044	60°	-.18	3.9%	18.5%	.7%	FLAME OUT	2.10	3.8%	13.3%	.6%	FLAME OUT	29.2	4.3	+.01
VW-62-I	1115	18 FT.	0.098	60°	+.15	0%	15.5%	.8%	FLAME OUT	4.4	0%	15.7%	.3%	FLAME OUT	29.7	5.8	+.40
VW-62-D	1115	29 FT.	0.159	59°	+.16	0%	15.5%	.6%	FLAME OUT	6.8	0%	15.5%	.6%	FLAME OUT	29.6	5.0	Ø
NOTES: * VW-62 AMBIENT 1115															29.8	5.8	

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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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DAILY FIELD REPORT

JOB NAME: WDI	PROJECT NUMBER: 29-0316-01	DATE: 12-21-06
LOCATION: LOS NIETOS & GREENLEAF	WEATHER: SUNNY COOL.	DAY: THURSDAY
CONTRACTOR: TRC	FOREMAN: TOM DEEN	
FIELD TECHNICIAN: STEVEN CRAWFORD	INSPECTION/TESTING OF: VAPOR NGL MONITORING AND SAMPLING OF VW-30, VW-36, VW-51, AND VW-62.	

SUMMARY OF OPERATIONS:

ARRIVED ON-SITE AT 700. SETUP EQUIPMENT TO BE USED. CALIBRATED INSTRUMENTS. ON-SITE AT VW-30 AT 805. RECORDED ALL READINGS. SET SAMPLE AT 0830. COMPLETED SAMPLE AT 900. ARRIVED AT VW-51 AT 0916. RECORDED ALL READINGS. SET SAMPLE AT 945. COMPLETED SAMPLE AT 1015. ARRIVED AT VW-62 AT 1027. RECORDED ALL READINGS. SET SAMPLE AT 1115. COMPLETED SAMPLE AT 1145. ARRIVED AT VW-36 AT 1435. RECORDED ALL READINGS. SET SAMPLE AT 1515. COMPLETED SAMPLE AT 1545. COMPLETED PAPERWORK AND PACKED SAMPLES AT 1700. OFF SITE AT 1710.

TRC Alton Geoscience

TABLE W.1
INSTRUMENT CALIBRATION CHECKLIST

DATE	INSTRUMENT	SERIAL NO.	CALIBRATION GAS USED	FINAL CALIBRATION READING	BATTERY CHECK	CALIBRATED BY
12-21-06	TVA-1000	0623018661	ISOBUTYLENE (100 PPM)	100 PPM	OK	SC
12-21-06	GA-90	G 1549	LANDTEC GAS 50% CH4 35% CO2	50% CH4	OK	SC

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APPE. .JIX B.7

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

INSPECTORS NAME	INSPECTORS SIGNATURE	INSPECTION TIME	INSPECTION DATE
STEVEN CRAWFORD	Steven Crawford	745, 930, 1120, 1440	12-21-06

WELL ID	WELLHEAD (Well box, cover, concrete)	WELL LOCK	WELL CASING	EROSION AROUND WELL	COMMENTS	CHECK (√) WHEN INSPECTED
VW-29						
VW-31						
VW-32						
VW-33						
VW-34						
VW-36	OK	N/A	OK	OBSERVED NONE		✓
VW-37						
VW-38						
VW-39						
VW-41						
VW-42						
VW-25						
VW-30	OK	N/A	OK	OBSERVED NONE		✓
VW-35						
VW-46						
VW-49						
VW-51	OK	N/A	OK	OBSERVED NONE	GASKET NEEDS REPLACEMENT.	✓
VW-55						
VW-56						
VW-58						
VW-61						
VW-62	OK	N/A	OK	OBSERVED NONE		✓

APPENDIX B.14

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

DATE: 12-22-06

TECHNICIAN: STEVEN CRAWFORD

LFG INSTRUMENT – MODEL NO.: GA1/1-GA90

LFG INSTRUMENT – SERIAL NO.: G-1549

PID/FID INSTRUMENT – MODEL NO.: TVA-1000B B1040

PID/FID INSTRUMENT – SERIAL NO.: 0623018661

AMBIENT AIR TEMPERATURE @ START: 64.3 °F AMBIENT BAROMETRIC PRESSURE @ START: 30.13 in Hg

AMBIENT AIR TEMPERATURE @ END: 64.8 °F AMBIENT BAROMETRIC PRESSURE @ END: 30.14 in Hg

WEATHER: DRIZZLE

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																	
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	738	10 FT.	0.055	48°	Ø	0%	5.6%	16.9%	1.42	2.32	0%	6.3% ~~12.9%~~	16.9%	1.01	29.8	5.6	Ø
VW-42-D	738	30 FT.	0.164	48°	-.06	0%	9.1%	12.5%	2.34	7.00	0%	~~6.5%~~ 12.9%	8.9%	FLAME OUT	30.1	6.1	-.07
* AMBIENT	738														29.9	6.5	

(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

APPENDIX B.14

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

12-22-06

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	838	35	0.191	51°	-.02	0%	15.1%	2.1%	FLAME OUT	8.1	0%	16.2%	.9%	FLAME OUT	29.7	5.6	-.01
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																	
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:

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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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TABLE W.1
INSTRUMENT CALIBRATION CHECKLIST

DATE	INSTRUMENT	SERIAL NO.	CALIBRATION GAS USED	FINAL CALIBRATION READING	BATTERY CHECK	CALIBRATED BY
12-22-06	TVA-1000	0623018661	ISOBUTYLENE 100 PPM	100 PPM	OK	SC
12-22-06	GA-90	G1549	LANOTEC GAS 50% CH4 35% CO2	50% CH4	OK	SC

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DAILY FIELD REPORT

JOB NAME: WOI	PROJECT NUMBER: 29-0316-01	DATE: 12-22-06
LOCATION: LOS NIETOS & GREENLEAF	WEATHER: DRIZZLE	DAY: FRIDAY
CONTRACTOR: TRC	FOREMAN: TOM DEGN	
FIELD TECHNICIAN: STEVEN CRAWFORD	INSPECTION/TESTING OF: VAPOR WELL MONITORING AND SAMPLING OF VW-42 AND VW-25.	

SUMMARY OF OPERATIONS:

ARRIVED ON-SITE AT 0630. SETUP EQUIPMENT TO BE USED. CALIBRATED INSTRUMENTS. ARRIVED AT VW-42 AT 700. RECORDED ALL READINGS. SET SAMPLE AT 0738. COMPLETED SAMPLE AT 808. ARRIVED AT VW-25 AT 0816. RECORDED ALL READINGS. SET SAMPLE AT 838. COMPLETED SAMPLE AT 908. COMPLETED PAPERWORK AND PACKED SAMPLES AT 945. OFFSITE AT 1000.

TRC Alton Geoscience

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
STEVEN CRAWFORD	Steven Crawford	730, 830	12-22-06

WELL ID	WELLHEAD (Well box, cover, concrete)	WELL LOCK	WELL CASING	EROSION AROUND WELL	COMMENTS	CHECK (√) WHEN INSPECTED
VW-29						
VW-31						
VW-32						
VW-33						
VW-34						
VW-36						
VW-37						
VW-38						
VW-39						
VW-41						
VW-42	OK	N/A	OK	OBSERVED NONE		✓
VW-25	OK	N/A	OK	→	CASING ARE HIGHER THAN W.O. WELLBOX HAS SETTLED.	✓
VW-30						
VW-35						
VW-46						
VW-49						
VW-51						
VW-55						
VW-56						
VW-58						
VW-61						
VW-62						

TABLE W.1
INSTRUMENT CALIBRATION CHECKLIST

DATE	INSTRUMENT	SERIAL NO.	CALIBRATION GAS USED	FINAL CALIBRATION READING	BATTERY CHECK	CALIBRATED BY
2-2-07	TVA-1000	0623018661	ISOBUTYLENE (100 PPM)	100 PPM	OK	SC
2-2-07	GA-90	G1549	LANDTEC GAS 50% CH4 35% CO2	50% CH4	OK	SC

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Calibration Certificate

CERTIFICATE NUMBER: **29240**

ASSET NUMBER:	**R6488**
ASSET DESCRIPTION:	**TVA1000B PID/FID**
MANUFACTURER:	**THERMO**
SERIAL NUMBER:	**0623018661**
CALIBRATION DATE:	**31 Jan 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:	**VU NGUYEN**
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	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: _____

VU NGUYEN

Calibration Certificate

CERTIFICATE NUMBER: **29269**

ASSET NUMBER:	**R3420**
ASSET DESCRIPTION:	**LANDTEC GA90 LANDFILL GAS MONI**
MANUFACTURER:	**LANTEC**
SERIAL NUMBER:	**G1549**
CALIBRATION DATE:	**01 Feb 2007**
CALIBRATION DUE:	**Refer to manufacturers instructions.**
CALIBRATION PROCEDURE:	**4.161 Specialty Instruments**
ACCURACY OF UNIT:	**Manufacturers Specifications**
WORKSHOP TEMPERATURE:	**24 *Degrees C***
HUMIDITY:	**39 %**
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

APPENDIX B.14

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

DATE: 3/12/07

TECHNICIAN: STEVEN CRAWFORD

LFG INSTRUMENT – MODEL NO.: GA-90

LFG INSTRUMENT – SERIAL NO.: G1549

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

PID/FID INSTRUMENT – SERIAL NO.: 062318660

AMBIENT AIR TEMPERATURE @ START: 86.1 °F AMBIENT BAROMETRIC PRESSURE @ START: 29.99 in Hg

AMBIENT AIR TEMPERATURE @ END: 82.2 °F AMBIENT BAROMETRIC PRESSURE @ END: 29.99 in Hg

WEATHER: SUNNY (WARM)

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																	
VW-34-I																	
VW-34-D																	
VW-36-S																	
VW-36-D																	
VW-37-S	1324	10 FT.	0.055	102°	-.14	0%	8.3%	6.8%	.58	2.32	0%	8.3%	6.8%	.31	28.0	6.0	+.04
VW-37-D	1324	30 FT.	0.164	104°	-.18	0%	10.6%	5.6%	FLAME OUT	7.0	0%	10.7%	5.4%	FLAME OUT	28.0	5.0	+.27
VW-38-S	1145	10 FT.	0.055	89°	+.08	0%	6.7%	12.4%	.72	2.32	0%	6.7%	12.5%	.39	28.4	5.6	0
VW-38-D	1145	34 FT.	0.186	90°	+.03	0%	6.5%	6.9%	FLAME OUT	8.0	0%	10.4%	0.8%	FLAME OUT	28.6	5.5	+.14
VW-39-S	1038	7 FT.	0.039	77°	Ø	0%	6.6%	8.9%	1.48	2.0	0%	6.4%	9.0%	FLAME OUT	28.7	0	+.01
VW-39-D	1038	30. FT.	0.164	76°	Ø	0%	4.6%	11.6%	1.23	7.0	0%	8.7%	5.0%	FLAME OUT	28.7	5.4	+.01
VW-41-S																	
VW-41-D																	
VW-42-S																	
VW-42-D																	
* VW-37D DC	1324	DUPLICATE													28.1	5.8	

(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

3/12/07

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)	
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																	
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:																	

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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

TABLE W.1
INSTRUMENT CALIBRATION CHECKLIST

DATE	INSTRUMENT	SERIAL NO.	CALIBRATION GAS USED	FINAL CALIBRATION READING	BATTERY CHECK	CALIBRATED BY
3-12-07	GA-90	G1549	LANDTEC GAS 50% CH4 35% CO2	00.0 %	OK	SC
3-12-07	TVA-1000	062318660	ISOBUTYLENE	99.8 PPM	OK	SC

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DAILY FIELD REPORT

JOB NAME: WOI	PROJECT NUMBER: 29-0316-01	DATE: 3-12-07
LOCATION: VW-37, VW-38, AND VW-39.	WEATHER: SUNNY (WARM)	DAY: MONDAY
CONTRACTOR: TRC	FOREMAN: TOM DEEN	
FIELD TECHNICIAN: STEVEN CRAWFORD	INSPECTION/TESTING OF: SAMPLE COLLECTION AT VW-37, VW-38, AND VW-39.	

SUMMARY OF OPERATIONS:

ARRIVED ON-SITE AT 700. CALIBRATED INSTRUMENTS. LOADED EQUIPMENT ONTO TRUCK. ARRIVED ON-SITE AT VW-39 AT 930. SETUP INSTRUMENTS AND EQUIPMENT. TOOK READINGS AND PURGED WELL. SET SAMPLE AT 1038. COLLECTED SAMPLE AT 1108. OFFSITE AT 1120. ON-SITE AT VW-38. SETUP INSTRUMENTS AND EQUIPMENT. TOOK READINGS AND PURGED WELL. SET SAMPLE AT 1145. COLLECTED SAMPLE AT 1215. OFFSITE AT 1238. ON-SITE AT 1255 AT VW-37. SETUP INSTRUMENTS AND EQUIPMENT. TOOK READINGS AND PURGED WELL. SET SAMPLE AT 1324. COLLECTED SAMPLE AT 1354. OFFSITE AT 1415. PACKED SAMPLES AND FILLED OUT PAPERWORK AT SANTA FE SPRINGS OFFICE. OFFSITE AT 1500.

TRC Alton Geoscience

APPENDIX B.14

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

DATE: 3-13-07

TECHNICIAN: STEVEN CRAWFORD

LFG INSTRUMENT – MODEL NO.: GA-90

LFG INSTRUMENT – SERIAL NO.: G 1549

PID/FID INSTRUMENT – MODEL NO.: TVA-1000B 810410

PID/FID INSTRUMENT – SERIAL NO.: 062318660

AMBIENT AIR TEMPERATURE @ START: 73.8 °F AMBIENT BAROMETRIC PRESSURE @ START: 30.02 in Hg

AMBIENT AIR TEMPERATURE @ END: 86.7 °F AMBIENT BAROMETRIC PRESSURE @ END: 29.99 in Hg

WEATHER: SUNNY (WARM)

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	1350	10 FT.	0.055	96°	Ø	0%	8.5%	11.3%	1.12	2.32	0%	8.4%	11.5%	1.38	28.0	5.8	Ø
VW-34-I	1350	23 FT.	0.126	95°	+.08	0%	7.2%	11.2%	.96	5.5	0%	10.1%	7.8%	.87	28.3	6.9	+.06
VW-34-D	1350	40 FT.	0.219	95°	+.09	0%	6.8%	10.3%	FLAME OUT	9.3	0%	11.9%	4.1%	FLAME OUT	28.4	6.0	+.06
VW-36-S	1148	10 FT.	0.055	88°	Ø	0%	5.7%	15.1%	1.84	2.32	0%	5.4%	15.0%	FLAME OUT	28.2	6.3	Ø
VW-36-D	1148	30 FT.	0.164	90°	Ø	0%	9.4%	10.4%	1.68	7.0	0%	9.5%	10.3%	FLAME OUT	28.2	5.5	-.01
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																	
* VW-34-D	1350	DUPLICATE													28.4	5.4	

(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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Customer-Focused Solutions

APPENDIX B.14

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

3/13/07

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	1038	10 FT.	0.055	78°	Ø	0%	5.6%	13.7%	1.46	2.32	0%	5.4%	13.2%	1.52	28.8	5.7	Ø
VW-35-D	1038	38 FT.	0.208	79°	-.08	0%	6.8%	12.2%	1.11	8.6	0%	12.2%	6.5%	1.43	28.7	6.3	-.04
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																	
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:																	

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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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Customer-Focused Solutions

TABLE W.1
INSTRUMENT CALIBRATION CHECKLIST

DATE	INSTRUMENT	SERIAL NO.	CALIBRATION GAS USED	FINAL CALIBRATION READING	BATTERY CHECK	CALIBRATED BY
3-13-07	GA-90	G1549	LANDTEC GAS 50% CH4 35 CO2	50.0 %	OK	SC
3-13-07	TVA-1000	062318660	ISOBUTYLENE (100 PPM)	100 PPM	OK	SC

TRC
Customer-Focused Solutions

DAILY FIELD REPORT

JOB NAME: WDI	PROJECT NUMBER: 29-0316-01	DATE: 3-13-07
LOCATION: VW-34, VW-35, VW-36	WEATHER: SUNNY (WARM)	DAY: TUESDAY
CONTRACTOR: TRC	FOREMAN: TOM DEEN	
FIELD TECHNICIAN: STEVEN CRANFORD	INSPECTION/TESTING OF: SAMPLE COLLECTION OF VW-34, VW-35, AND VW-36.	

SUMMARY OF OPERATIONS:

ON-SITE AT 700. CALIBRATED INSTRUMENTS. LOADED EQUIPMENT ONTO TRUCK. ON-SITE AT VW-35 AT 930. SETUP INSTRUMENTS AND EQUIPMENT. TOOK READINGS AND PURGED WELL. SETUP SAMPLE AT 1038. COLLECTED SAMPLE AT 1108. OFFSITE AT 1120. ON-SITE AT VW-36 AT 1123. SETUP INSTRUMENTS AND EQUIPMENT. TOOK READINGS AND PURGED WELL. SET SAMPLE AT 1148. COLLECTED SAMPLE AT 1218. OFFSITE AT 1230. ON-SITE AT VW-34 AT 1305. SETUP INSTRUMENTS AND EQUIPMENT. TOOK READINGS AND PURGED WELL. SETUP SAMPLE AT 1350. COLLECTED SAMPLE AT 1420. OFFSITE AT 1435. PACKED SAMPLES AND FILLED OUT PAPERWORK AT SANTA FE SPRINGS OFFICE. OFFSITE AT 1535.

TRC Alton Geoscience

APPENDIX B.14

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

DATE: 3-14-07

TECHNICIAN: STEVEN CRAWFORD

LFG INSTRUMENT – MODEL NO.: GA-90

LFG INSTRUMENT – SERIAL NO.: G-1549

PID/FID INSTRUMENT – MODEL NO.: TVA-1000B BL040

PID/FID INSTRUMENT – SERIAL NO.: 062318660

AMBIENT AIR TEMPERATURE @ START: 84.2 °F AMBIENT BAROMETRIC PRESSURE @ START: 29.99 in Hg

AMBIENT AIR TEMPERATURE @ END: 82.1 °F AMBIENT BAROMETRIC PRESSURE @ END: 30.00 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																	
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)

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APPENDIX B.14

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

3-14-07

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	1426	5 FT.	0.023	85°	+.01	3.4%	6.8%	.3%	FLAME OUT	1.32	3.6%	6.9%	.6%	FLAME OUT	29.0	5.9	ø
VW-55-I	1426	18 FT.	0.098	86°	+.31	0%	14.7%	2.7%	FLAME OUT	4.4	0%	16.2%	1.2%	FLAME OUT	29.0	6.7	+.20
VW-55-D	1426	29 FT.	0.156	85°	+.31	.1%	16.8%	.3%	FLAME OUT	6.9	.2%	16.9%	.4%	FLAME OUT	28.8	5.0	+.20
VW-56-S	1542	8 FT.	0.044	86°	+.10	0%	12.0%	1.2%	.72	2.0	0%	12.6%	.8%	.38	28.8	5.0	+.02
VW-56-I	1542	17 FT.	0.091	86°	+.24	0%	15.0%	2.9%	FLAME OUT	4.1	0%	15.3%	2.8%	FLAME OUT	28.8	6.4	+.12
VW-56-D	1542	28 FT.	0.153	86°	+.24	0%	15.1%	3.2%	FLAME OUT	6.8	0%	15.5%	2.9%	FLAME OUT	28.9	6.1	+.11
VW-58-S	1717	8 FT.	0.044	85°	-.01	0%	4.6%	12.6%	3.23	2.0	0%	4.5%	12.4%	2.29	29.7	6.3	-.01
VW-58-I	1717	19 FT.	0.109	85°	+.03	0%	13.3%	5.8%	4.08	4.5	0%	13.3%	5.6%	2.86	29.7	5.3	-.17
VW-58-D	1717	29 FT.	0.159	85°	-.20	0%	13.2%	5.6%	FLAME OUT	6.9	0%	12.9%	5.9%	FLAME OUT	29.7	6.8	-.16
VW-61-S																	
VW-61-I																	
VW-61-D																	
VW-62-S																	
VW-62-I																	
VW-62-D																	
NOTES: * VW-55I	1426	DUPLICATE													28.7	6.1	

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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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TABLE W.1
INSTRUMENT CALIBRATION CHECKLIST

DATE	INSTRUMENT	SERIAL NO.	CALIBRATION GAS USED	FINAL CALIBRATION READING	BATTERY CHECK	CALIBRATED BY
3-14-07	GA-90	G 1549	LANDTEC GAS 50% CH_4 35% CO_2	50.0 %	OK	SC
3-14-07	TVA-1000	062318660	ISOBUTYLENE (100 PPM)	100 PPM	OK	SC

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DAILY FIELD REPORT

JOB NAME: WDI	PROJECT NUMBER: 29-0316-01	DATE: 3-14-07
LOCATION: VW-55, VW-56, VW-58.	WEATHER: SUNNY	DAY: WEDNESDAY
CONTRACTOR: TRC	FOREMAN: TOM DEEN	
FIELD TECHNICIAN: STEVEN CRAWFORD	INSPECTION/TESTING OF: SAMPLE COLLECTION OF VW-55, VW-56, AND VW-58.	

SUMMARY OF OPERATIONS:

ON-SITE AT 1130. CALIBRATED INSTRUMENTS. LOADED INSTRUMENTS AND EQUIPMENT ONTO TRUCK. ON-SITE AT VW-55 AT 1345. SETUP INSTRUMENTS AND EQUIPMENT. TOOK READINGS AND PURGED WELL. SETUP SAMPLE AT 1426. COLLECTED SAMPLE AT 1456. OFFSITE AT 1515. ON-SITE AT VW-56 AT 1520. SETUP INSTRUMENTS AND EQUIPMENT. TOOK READINGS AND PURGED WELL. SETUP SAMPLE AT 1542. COLLECTED SAMPLE AT 1612. OFFSITE AT 1627. ON-SITE AT VW-58 AT 1633. SETUP INSTRUMENTS AND EQUIPMENT. TOOK READINGS ND PURGED WELL. SETUP SAMPLE AT 1717. COLLECTED SAMPLE AT 1747. OFFSITE AT 1800. PACKED SAMPLES AND FILLED OUT PAPERWORK AT SANTA FE SPRINGS OFFICE. OUT AT 1930.

TRC Alton Geoscience

APPENDIX B.7

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

INSPECTORS NAME	INSPECTORS SIGNATURE	INSPECTION TIME	INSPECTION DATE
STEVEN CRAWFORD	Steven Crawford	1430	3-14-07

WELL ID	WELLHEAD (Well box, cover, concrete)	WELL LOCK	WELL CASING	EROSION AROUND WELL	COMMENTS	CHECK (√) WHEN INSPECTED
VW-29		N/A	OK	NONE		✓
VW-31		N/A	OK	NONE		✓
VW-32		N/A	OK	NONE		✓
VW-33		N/A	OK	NONE		✓
VW-34		N/A	OK	NONE		✓
VW-36		N/A	OK	NONE		✓
VW-37		N/A	OK	NONE		✓
VW-38		N/A	OK	NONE		✓
VW-39		N/A	OK	NONE		✓
VW-41		N/A	OK	NONE		✓
VW-42		N/A	OK	NONE		✓
VW-25	WELL BOX SCHEDULED FOR REPAIR	N/A	OK	NONE		✓
VW-30		N/A	OK	NONE		✓
VW-35		N/A	OK	NONE		✓
VW-46		N/A	OK	NONE		✓
VW-49		N/A	OK	NONE		✓
VW-51		N/A	OK	NONE		✓
VW-55		N/A	OK	NONE		✓
VW-56		N/A	OK	NONE		✓
VW-58		N/A	OK	NONE		✓
VW-61		N/A	OK	NONE		✓
VW-62		N/A	OK	NONE		✓

APPENDIX B.14

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

DATE:	TECHNICIAN:	LFG INSTRUMENT – MODEL NO.: GA-90	PID/FID INSTRUMENT – MODEL NO.: TVA-1000 B-81040
3-15-07	STEVEN CRAWFORD	LFG INSTRUMENT – SERIAL NO.: G 1549	PID/FID INSTRUMENT – SERIAL NO.: 062318660

AMBIENT AIR TEMPERATURE @ START: 64.6 °F AMBIENT BAROMETRIC PRESSURE @ START: 30.04 in Hg

AMBIENT AIR TEMPERATURE @ END: 65.8 °F AMBIENT BAROMETRIC PRESSURE @ END: 30.04 in Hg

WEATHER: OVERCAST

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																	
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)

APPENDIX B.14

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

3-15-07

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	1212	10 FT.	0.055	78°	Ø	0%	7.8%	6.4%	2.64	2.32	0%	7.8%	5.7%	1.87	29.0	5.1	Ø
VW-49-I	1212	18 FT.	0.098	79°	+.08	0%	14.0%	4.7%	4.27	4.2	0%	14.0%	4.2%	FLAME OUT	29.0	6.8	+.15
VW-49-D	1212	30 FT.	0.164	79°	+.09	0%	14.4%	4.1%	FLAME OUT	7.0	0%	14.1%	4.4%	FLAME OUT	29.0	5.9	+.16
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																	
VW-61-I																	
VW-61-D																	
VW-62-S	1058	8 FT.	0.044	65°	-.01	3.0%	11.8%	1.3%	FLAME OUT	2.10	2.9%	11.6%	.4%	FLAME OUT	29.0	4.8	+.01
VW-62-I	1058	18 FT.	0.098	65°	-.11	0%	13.4%	4.7%	1.91	4.4	0%	15.4%	.4%	FLAME OUT	29.1	5.2	+.11
VW-62-D	1058	29 FT.	0.159	65°	-.11	0%	14.7%	1.8%	1.32	6.8	0%	15.5%	~~FLAME OUT~~ .6%	FLAME OUT	29.0	6.4	+.11
NOTES:																	
* VW-62-S-SC	1058	DUPLICATE													29.3	6.0	

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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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TABLE W.1
INSTRUMENT CALIBRATION CHECKLIST

DATE	INSTRUMENT	SERIAL NO.	CALIBRATION GAS USED	FINAL CALIBRATION READING	BATTERY CHECK	CALIBRATED BY
3-15-07	GA-90	G1549	LANOTEC GAS 50% CH4 35% CO2	50.0%	OK	SC
3-15-07	TVA-1000	062318660	ISOBUTYLENE (100 PPM)	100 PPM	OK	SC

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DAILY FIELD REPORT

JOB NAME: WDI	PROJECT NUMBER: 29-0316-01	DATE: 3-15-07
LOCATION: VW-49 AND VW-62	WEATHER: OVERCAST	DAY: THURSDAY
CONTRACTOR: TRC	FOREMAN: TOM DEEN	
FIELD TECHNICIAN: STEVEN CRAWFORD	INSPECTION/TESTING OF: SAMPLE COLLECTION OF VW-49 AND VW-62.	

SUMMARY OF OPERATIONS:

ON-SITE AT 730. CALIBRATED INSTRUMENTS. LOADED INSTRUMENTS AND EQUIPMENT ONTO TRUCK. ON-SITE AT VW-62 AT 930. SETUP INSTRUMENTS AND EQUIPMENT. TOOK READINGS AND PURGED WELL. SETUP SAMPLE AT 1058. COLLECTED SAMPLE AT 1128. ~~TOOK~~ OFFSITE AT 1135. ON-SITE AT VW-49 AT 1140. SETUP INSTRUMENTS AND EQUIPMENT. TOOK READINGS AND PURGED WELL. SETUP SAMPLE AT 1212. COLLECTED SAMPLE AT 1242. OFFSITE AT 1250. PACKED SAMPLES AND FILLED OUT PAPERWORK AT SANTA FE SPRINGS OFFICE. OFFSITE AT 1530.

TRC Alton Geoscience

APPENDIX B.14

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

DATE: 3-20-07

TECHNICIAN: STEVEN CRAWFORD

LFG INSTRUMENT – MODEL NO.: GA-90

LFG INSTRUMENT – SERIAL NO.: G1549

PID/FID INSTRUMENT – MODEL NO.: TVA-1000B-D1040

PID/FID INSTRUMENT – SERIAL NO.: 062318660

AMBIENT AIR TEMPERATURE @ START: 62.3 °F AMBIENT BAROMETRIC PRESSURE @ START: 30.04 in Hg

AMBIENT AIR TEMPERATURE @ END: 61.3 °F AMBIENT BAROMETRIC PRESSURE @ END: 29.99 in Hg

WEATHER: CLOUDY

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	1210	10 FT.	0.055	66°	Ø	0%	1.8%	17.6%	2.24	2.32	0%	1.9%	16.9%	1.81	29.7	5.3	Ø
VW-29-I	1210	23 FT.	0.125	66°	-.01	0%	8.4%	9.0%	1.09	5.5	0%	6.5%	9.4%	1.46	29.7	5.9	+.12
VW-29-D	1210	35 FT.	0.191	66°	-.03	0%	6.4%	9.7%	1.53	8.1	0%	9.8%	6.4%	FLAME OUT	29.6	5.4	+.19
VW-31-S	1623	10 FT.	0.055	62°	Ø	0%	4.1%	16.2%	1.31	2.32	0%	4.3%	16.2%	1.62	29.7	6.1	Ø
VW-31-D	1623	30 FT.	0.164	62°	Ø	0%	8.8%	11.2%	FLAME OUT	7.0	0%	8.6%	11.4%	FLAME OUT	29.7	5.3	Ø
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	1506	10 FT.	0.055	64°	Ø	0%	3.9%	18.2%	.82	2.32	0%	5.7%	16.3%	.64	29.4	5.1	
VW-42-D	1506	30 FT.	0.164	64°	+.01	0%	12.0%	9.7%	.65	7.0	0%	12.9%	9.0%	FLAME OUT	29.5	5.6	+.02
* VW-42-D	1506	DUPLICATE													29.4	5.7	

(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

3-20-07

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	0927	6.5 FT.	0.035	64°	-.04	1.0%	1.4%	1.0%	41.23	2.0	1.4%	1.3%	1.0%	27.32	29.8	5.5	-.18
VW-46-I	0927	15 FT.	0.082	64°	-.14	0%	10.4%	6.1%	1.12	3.5	0%	10.4%	6.4%	1.02	29.8	7.4	-.12
VW-46-D	0927	27 FT.	0.148	65°	-.17	0%	9.7%	6.9%	1.28	6.0	0%	10.3%	6.8%	1.16	29.8	6.9	-.13
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	1059	15 FT.	0.082	64°	-.03	0%	8.0%	1.8%	1.02	3.5	0%	8.1%	1.8%	0.68	29.8	5.9	-.25
VW-61-I	1059	25 FT.	0.136	64°	-.23	0%	13.8%	6.6%	.96	5.8	0%	14.4%	5.8%	0.43	29.8	5.1	-.07
VW-61-D	1059	35 FT.	0.191	64°	-.24	0%	12.4%	6.8%	1.18	8.1	0%	14.8%	5.1%	0.41	29.7	6.4	-.06
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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TABLE W.1
INSTRUMENT CALIBRATION CHECKLIST

DATE	INSTRUMENT	SERIAL NO.	CALIBRATION GAS USED	FINAL CALIBRATION READING	BATTERY CHECK	CALIBRATED BY
3-20-07	GA-90	G1549	LANDTEC GAS 50% CH_4 35% CO_2	50%	OK	SC
3-20-07	TVA-1000	062318660	ISOBUTYLENE (100 PPM)	100 PPM	OK	SC

TRC
Customer-Focused Solutions

DAILY FIELD REPORT

JOB NAME: WDI	PROJECT NUMBER: 29-0316-01	DATE: 3-20-07
LOCATION: VW-29, VW-31, VW-42, VW-46, AND VW-61.	WEATHER: CLOUDY	DAY: TUESDAY
CONTRACTOR: TRC	FOREMAN: TOM OGEN	
FIELD TECHNICIAN: STEVEN CRAWFORD	INSPECTION/TESTING OF: SAMPLE COLLECTION OF VW-29, VW-31, VW-42, VW-46 AND VW-61.	

SUMMARY OF OPERATIONS:

ON-SITE AT 600. CALIBRATED INSTRUMENTS. LOADED INSTRUMENTS AND EQUIPMENT ONTO TRUCK. ON-SITE AT VW-46 AT 815. SETUP INSTRUMENTS AND EQUIPMENT. TOOK READINGS AND PURGED WELL. SETUP SAMPLE AT 927. COLLECTED SAMPLE AT 957. OFFSITE AT 940. ON-SITE AT VW-61 AT 945. SETUP INSTRUMENTS AND EQUIPMENT. TOOK READINGS AND PURGED WELL. SETUP SAMPLE AT 1059. COLLECTED SAMPLE AT 1129. OFFSITE AT 1140. ON-SITE AT VW-29 AT 1145. SETUP INSTRUMENTS AND EQUIPMENT. TOOK READINGS AND PURGED WELL. SETUP SAMPLE AT 1210. COLLECTED SAMPLE AT 1240. OFFSITE AT 1255. ON-SITE AT VW-42 AT 1400. SETUP INSTRUMENTS AND EQUIPMENT. TOOK READINGS AND PURGED WELL. SETUP SAMPLE AT 1506. COLLECTED SAMPLE AT 1536. OFFSITE AT 1550. ON-SITE AT VW-31 AT 1555. SETUP INSTRUMENTS AND EQUIPMENT. TOOK READINGS AND PURGED WELL. SETUP SAMPLE AT 1623. COLLECTED SAMPLE AT 1653. OFFSITE AT 1710. PACKED SAMPLES AND FILLED OUT PAPERWORK AT SANTA FE SPRINGS OFFICE. OUT AT 1830.

TRC Alton Geoscience

APPENDIX B.14

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

DATE: 3-22-07

TECHNICIAN: STEVEN CRAWFORD

LFG INSTRUMENT – MODEL NO.: GA-90

LFG INSTRUMENT – SERIAL NO.: G1549

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

PID/FID INSTRUMENT – SERIAL NO.: 062318660

AMBIENT AIR TEMPERATURE @ START: 53.8 °F AMBIENT BAROMETRIC PRESSURE @ START: 29.85 in Hg

AMBIENT AIR TEMPERATURE @ END: 58.7 °F AMBIENT BAROMETRIC PRESSURE @ END: 29.87 in Hg

WEATHER: SUNNY COOL

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																	
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	0753	7 FT.	0.039	56°	Ø	0%	5.5%	16.9%	1.79	2.0	0%	5.2%	17.5%	1.46	29.8	6.4	Ø
VW-41-D	0753	20 FT.	0.109	56°	Ø	0%	6.1%	16.4%	2.12	4.6	0%	6.2%	16.5%	1.89	29.8	5.7	Ø
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)

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APPENDIX B.14

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

3/22/07

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	1247	35 FT.	0.191	84°	+.12	.3%	16.3%	.2%	FLAME OUT	8.1	.2%	16.3%	.3%	FLAME OUT	28.7	6.6	+.18
VW-30-S	1033	7 FT.	0.039	67°	Ø	0%	6.7%	11.5%	1.12	2.0	0%	6.4%	11.5%	.98	28.7	5.8	Ø
VW-30-I	1033	23 FT.	0.126	67°	+.01	0%	9.8%	6.8%	FLAME OUT	5.6	0%	9.8%	6.2%	FLAME OUT	28.8	6.1	Ø
VW-30-D	1033	35 FT.	0.191	66°	+.02	0%	5.4%	13.5%	1.46	8.1	0%	6.5%	11.2%	1.19	29.0	4.6	Ø
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	1125	8 FT.	0.044	72°	Ø	.6%	8.6%	.3%	FLAME OUT	2.4	.7%	8.5%	.3%	FLAME OUT	28.5	5.6	+.01
VW-51-I	1125	18 FT.	0.098	72°	+.05	112.4%	1.8%	.6%	FLAME OUT	4.2	80.4%	1.3%	4.6%	FLAME OUT	28.6	7.1	Ø
VW-51-D	1125	30 FT.	0.164	72°	+.03	.6%	13.7%	.4%	FLAME OUT	7.0	.6%	13.5%	.3%	FLAME OUT	28.6	7.0	+.21
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: * VW-30-I-SC 1033 DUPLICATE															29.0	5.3	

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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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TABLE W.1
INSTRUMENT CALIBRATION CHECKLIST

DATE	INSTRUMENT	SERIAL NO.	CALIBRATION GAS USED	FINAL CALIBRATION READING	BATTERY CHECK	CALIBRATED BY
3-22-07	GA-90	G1549	LANOTEC GAS 50% CH4 35% CO2	50.0%	OK	SC
3-22-07	TVA-1000	062318660	ISOBUTYLENE (100 PPM)	100 PPM	OK	SC

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DAILY FIELD REPORT

JOB NAME: WDI	PROJECT NUMBER: 29-0316-01	DATE: 3-22-07
LOCATION: VW-25, VW-30, VW-41, AND VW-51.	WEATHER: SUNNY (COOL).	DAY: THURSDAY
CONTRACTOR: TRC	FOREMAN: TOM DEEN	
FIELD TECHNICIAN: STEVEN CRAWFORD	INSPECTION/TESTING OF: SAMPLE COLLECTION OF VW-25, VW-30, VW-41, AND VW-51.	

SUMMARY OF OPERATIONS:

ON-SITE AT 600. CALIBRATED INSTRUMENTS. LOADED INSTRUMENTS AND EQUIPMENT ONTO TRUCK. ON-SITE AT VW-41 AT 710. SETUP INSTRUMENTS AND EQUIPMENT. TOOK READINGS AND PURGED WELL. SETUP SAMPLE AT 753. COLLECTED SAMPLE AT 823. OFFSITE AT 840. ON-SITE AT VW-30 AT 900. SETUP INSTRUMENTS AND EQUIPMENT. TOOK READINGS AND PURGED WELL. SETUP SAMPLE AT 1033. COLLECTED SAMPLE AT 1103. OFFSITE AT 1110. SETUP INSTRUMENTS AND EQUIPMENT. TOOK READINGS AND PURGED WELL. SETUP SAMPLE AT 1125. COLLECTED SAMPLE AT 1155. OFFSITE AT 1210. ON-SITE AT VW-25 AT 1215. SETUP INSTRUMENTS AND EQUIPMENT. TOOK READINGS AND PURGED WELL. SETUP SAMPLE AT 1247. COLLECTED SAMPLE AT 1317. OFFSITE AT 1325. PACKED SAMPLES AND FILLED OUT PAPERWORK AT SANTA FE SPRINGS OFFICE. OFFSITE AT 1600.

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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	1/2/07

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.

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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 # 2142523
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
STEVEN CRAWFORD	Steven Crawford	1500	1-30-07

ITEM OF POTENTIAL CONCERN	COMMENTS	CHECK (√) WHEN INSPECTED
Security Fence	FENCELINE IN CORNER OF PARCEL 41 NEEDS REPAIR. ALSO, FENCELINE ADJACENT TO BASEBALL FIELD OF HIGH SCHOOL HAS AN OPENING.	✓
Erosion or Undermining of Security Fence	NONE OBSERVED.	✓
Access Gates	THE OLD ACCESS GATE AT PARCEL 41 HAS A SMALL OPENING. MAIN GATE IS OK.	✓
Locks of Access Gates	OK.	✓
Warning Signs	ONE SIGN DOWN. HUNG SIGN BACK UP.	✓
Stray-Ball Fence Condition (fabric, steel cables/hardware, etc.)	IN GOOD CONDITION.	✓
Other:		

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APPENDIX B.10

SITE SECURITY INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

INSPECTORS NAME	INSPECTORS SIGNATURE	INSPECTION TIME	INSPECTION DATE
STEVEN CRAWFORD	Steven Crawford	1300	3-22-07

ITEM OF POTENTIAL CONCERN	COMMENTS	CHECK (√) WHEN INSPECTED
Security Fence	ANGELO FENCE MADE REPAIRS AT PARCEL 41 AND BELOW STRAY BALL FENCE. OK NOW.	✓
Erosion or Undermining of Security Fence	OK	✓
Access Gates	OK	✓
Locks of Access Gates	OK	✓
Warning Signs	REHUNG 2 SIGNS DUE TO CLAMPS LOOSENING. OK NOW.	✓
Stray-Ball Fence Condition (fabric, steel cables/hardware, etc.)	OK	✓
Other:	NONE	✓

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APPENDIX B.10

SITE SECURITY INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

INSPECTORS NAME	INSPECTORS SIGNATURE	INSPECTION TIME	INSPECTION DATE
	Steve Crawford	1525	12-27-06

ITEM OF POTENTIAL CONCERN	COMMENTS	CHECK (√) WHEN INSPECTED
Security Fence	OK	✓
Erosion or Undermining of Security Fence	OK	✓
Access Gates	OK	✓
Locks of Access Gates	OK	✓
Warning Signs	OK	✓
Stray-Ball Fence Condition (fabric, steel cables/hardware, etc.)	OK	✓
Other:	NONE	—

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APPENDIX A.10

LANDSCAPE AND VEGETATION MAINTENANCE INSPECTION SHEETS

APPENDIX B.11

LANDSCAPE MAINTENANCE INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

INSPECTORS NAME	INSPECTORS SIGNATURE	INSPECTION TIME	INSPECTION DATE
TOM DEEN	Tom Deen	0800	12/14/06

ITEM OF POTENTIAL CONCERN	COMMENTS	CHECK (√) WHEN INSPECTED
Condition of shrubs and planted vegetation	GOOD	✓
Irrigation system operation and components	GOOD	✓
Weed growth	UNDER CONTROL - WEEDS ARE VERY SHORT	✓
Erosion around planted vegetation	NO	✓
Vectors (Mosquitoes, rats, mice)	NO	✓
Site Housekeeping	GOOD	✓
Other:		

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APPENDIX B.11

LANDSCAPE MAINTENANCE INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

INSPECTORS NAME	INSPECTORS SIGNATURE	INSPECTION TIME	INSPECTION DATE
TOM DEEN	Tom Deen	0800	2/12/07

ITEM OF POTENTIAL CONCERN	COMMENTS	CHECK (√) WHEN INSPECTED
Condition of shrubs and planted vegetation	GOOD	✓
Irrigation system operation and components	GOOD	✓
Weed growth	UNDER CONTROL · WEEDS ARE SHORT	✓
Erosion around planted vegetation	NO	✓
Vectors (Mosquitoes, rats, mice)	NO	✓
Site Housekeeping	GOOD	✓
Other:		

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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.11

SUMMA CANISTER LABORATORY QUALITY CONTROL DATA SHEETS

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

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	06273
Quality Control Analyzed:	10-Nov-06
Cleaned:	08-Nov-06
Quality Control Analyzed on Container:	ac01078

Container IDs

AC01132
AC01114
AC00557
AC00301
AC01120
AC00401
AC00426
AC01078
AC01289
AC01098
AC00256
AC00686
AC01020
AC00701

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

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	06286
Quality Control Analyzed:	16-Nov-06
Cleaned:	11-Nov-06
Quality Control Analyzed on Container:	ac01201

Container IDs

AC00697
AC01044
AC00591
AC01201
AC01074
AC00893
AC01215
AC01117
AC01242
AC01176
AC01003
AC01248
AC00605
AC00575

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

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	06313
Quality Control Analyzed:	27-Nov-06
Cleaned:	18-Nov-06
Quality Control Analyzed on Container:	SC00520

Container IDs

SC00598
SC00911
SC00241
SC00347
SC00807
SC00330
SC00160
SC00025
SC00892
SC00520

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

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	06316
Quality Control Analyzed:	27-Nov-06
Cleaned:	19-Nov-06
Quality Control Analyzed on Container:	SC00077

Container IDs

SC00674
SC00783
SC00610
SC00351
SC00035
SC00711
SC00078
SC00403
SC00147
SC00077

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

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	06324
Quality Control Analyzed:	22-Nov-06
Cleaned:	22-Nov-06
Quality Control Analyzed on Container:	sc00088

Container IDs

SLC00010
SC00830
SC00657
SC00853
SC00692
SC00552
SC00758
SC00300
SC00573
SC00088

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

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	06337
Quality Control Analyzed:	29-Nov-06
Cleaned:	27-Nov-06
Quality Control Analyzed on Container:	sc00211

Container IDs

SC00211
SC00592
SC00037
SC00286
SC00660
SC00581
SC00365
SC00097
SC00764
SC00842

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

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	06336
Quality Control Analyzed:	29-Nov-06
Cleaned:	27-Nov-06
Quality Control Analyzed on Container:	sc00854

Container IDs

SC00263
SC00203
SC00833
SC00041
SC00891
SC00713
SC00759
SC00858
SC00075
SC00854

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

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	06327
Quality Control Analyzed:	
Cleaned:	22-Nov-06
Quality Control Analyzed on Container:	

Container IDs

SC00519
SC00336
SC00028
SC00737
SC00800
SC00480
SC00364
SC00564
SC00073
SC00225

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

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	06328
Quality Control Analyzed:	27-Nov-06
Cleaned:	22-Nov-06
Quality Control Analyzed on Container:	sc00380

Container IDs

SC00905
SC00700
SC00873
SC00136
SC00221
SC00331
SC00220
SC00796
SC00271
SC00380

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

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	06332
Quality Control Analyzed:	
Cleaned:	25-Nov-06
Quality Control Analyzed on Container:	

Container IDs

AC00924
AC00799
AC01037
AC00292
AC00639
AC00907
AC00936
AC00204
AC01191
AC00177
AC00610
AC00921
AC00546
AC01138

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

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	06332
Quality Control Analyzed:	
Cleaned:	25-Nov-06
Quality Control Analyzed on Container:	

Container IDs

AC00924
AC00799
AC01037
AC00292
AC00639
AC00907
AC00936
AC00204
AC01191
AC00177
AC00610
AC00921
AC00546
AC01138

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

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	06345
Quality Control Analyzed:	29-Nov-06
Cleaned:	28-Nov-06
Quality Control Analyzed on Container:	AC00690

Container IDs

AC01182
AC00690
AC00771
AC01104
AC01084
AC01148
AC00076
AC00266
AC00992
AC00389
AC00569
AC00841
AC01199
AC00927

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

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	06355
Quality Control Analyzed:	
Cleaned:	30-Nov-06
Quality Control Analyzed on Container:	

Container IDs

AC00629
AC01106
AC00874
AC00937
AC01214
AC01101
AC01048
AC01230
AC01290
AC00713
AC00177
AC00904
AC01186
AC01080

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

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	06355
Quality Control Analyzed:	
Cleaned:	30-Nov-06
Quality Control Analyzed on Container:	

Container IDs

AC00629
AC01106
AC00874
AC00937
AC01214
AC01101
AC01048
AC01230
AC01290
AC00713
AC00177
AC00904
AC01186
AC01080

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

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	06351
Quality Control Analyzed:	30-Nov-06
Cleaned:	29-Nov-06
Quality Control Analyzed on Container:	SC00243

Container IDs

SC00868
SC00109
SC00157
SC00277
SC00653
SC00310
SC00239
SC00414
SC00773
SC00243

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

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	06352
Quality Control Analyzed:	04-Dec-06
Cleaned:	29-Nov-06
Quality Control Analyzed on Container:	SC00467

Container IDs

SC00909
SC00327
SC00467
SC00443
SC00856
SC00624
SC00368
SC00127
SC00113
SC00124

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

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	06337
Quality Control Analyzed:	29-Nov-06
Cleaned:	27-Nov-06
Quality Control Analyzed on Container:	sc00211

Container IDs

SC00211
SC00592
SC00037
SC00286
SC00660
SC00581
SC00365
SC00097
SC00764
SC00842

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

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	06328
Quality Control Analyzed:	27-Nov-06
Cleaned:	22-Nov-06
Quality Control Analyzed on Container:	sc00380

Container IDs

SC00905
SC00700
SC00873
SC00136
SC00221
SC00331
SC00220
SC00796
SC00271
SC00380

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

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	06328
Quality Control Analyzed:	27-Nov-06
Cleaned:	22-Nov-06
Quality Control Analyzed on Container:	sc00380

Container IDs

SC00905
SC00700
SC00873
SC00136
SC00221
SC00331
SC00220
SC00796
SC00271
SC00380

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

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	06383
Quality Control Analyzed:	07-Dec-06
Cleaned:	06-Dec-06
Quality Control Analyzed on Container:	AC01005

Container IDs

AC00753
AC01049
AC00893
AC00566
AC00926
AC01097
AC01005
AC00651
AC00589
AC00756
AC00404
AC00594
AC01273
AC00804

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

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	06383
Quality Control Analyzed:	07-Dec-06
Cleaned:	06-Dec-06
Quality Control Analyzed on Container:	AC01005

Container IDs

AC00753
AC01049
AC00893
AC00566
AC00926
AC01097
AC01005
AC00651
AC00589
AC00756
AC00404
AC00594
AC01273
AC00804

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

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	06422
Quality Control Analyzed:	19-Dec-06
Cleaned:	15-Dec-06
Quality Control Analyzed on Container:	AC01122

Container IDs

AC00391
AC01253
AC00923
AC01272
AC00279
AC00944
AC01058
AC00593
AC00623
AC00397
AC00485
AC00900
AC01113
AC01122

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

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	06389
Quality Control Analyzed:	11-Dec-06
Cleaned:	07-Dec-06
Quality Control Analyzed on Container:	sc00809

Container IDs

SC00206
SC00469
SC00582
SC00136
SC00220
SC00346
SC00699
SC00680
SC00861
SC00809

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

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	06389
Quality Control Analyzed:	11-Dec-06
Cleaned:	07-Dec-06
Quality Control Analyzed on Container:	sc00809

Container IDs

SC00206
SC00469
SC00582
SC00136
SC00220
SC00346
SC00699
SC00680
SC00861
SC00809

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

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	06300
Quality Control Analyzed:	17-Nov-06
Cleaned:	15-Nov-06
Quality Control Analyzed on Container:	sc00879

Container IDs

SC00488
SC00744
SC00151
SC00879
SC00027
SC00770
SC00237
SC00369
SC00469
SC00436

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

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	06300
Quality Control Analyzed:	17-Nov-06
Cleaned:	15-Nov-06
Quality Control Analyzed on Container:	sc00879

Container IDs

SC00488
SC00744
SC00151
SC00879
SC00027
SC00770
SC00237
SC00369
SC00469
SC00436

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

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	06747
Quality Control Analyzed:	02-Mar-07
Cleaned:	01-Mar-07
Quality Control Analyzed on Container:	ac01365

Container IDs

AC01374
AC01373
AC01372
AC01371
AC01370
AC01369
AC01368
AC01367
AC01366
AC01365

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

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	06774
Quality Control Analyzed:	07-Mar-07
Cleaned:	07-Mar-07
Quality Control Analyzed on Container:	ac01163

Container IDs

AC00715
AC00868
AC00862
AC00095
AC00734
AC00440
AC00155
AC01167
AC00964
AC00201
AC00112
AC00345
AC00865
AC01163

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

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	06777
Quality Control Analyzed:	
Cleaned:	08-Mar-07
Quality Control Analyzed on Container:	

Container IDs

AC00686
AC00295
AC01288
AC00817
AC01183
AC00926
AC00435
AC01098
AC01006
AC01121
AC00426
AC00874
AC00510
AC01095

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

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	06790
Quality Control Analyzed:	13-Mar-07
Cleaned:	10-Mar-07
Quality Control Analyzed on Container:	ac01072

Container IDs

AC01154
AC01220
AC00997
AC00828
AC00401
AC00623
AC01072
AC01209
AC01085
AC01113
AC00884
AC01195
AC00664
AC01252

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

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	06781
Quality Control Analyzed:	09-Mar-07
Cleaned:	08-Mar-07
Quality Control Analyzed on Container:	SC00846

Container IDs

SC00846
SC00190
SC00235
SC00160
SC00620
SC00147
SC00632
SC00241
SC00747
SC00862

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

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	06792
Quality Control Analyzed:	12-Mar-07
Cleaned:	10-Mar-07
Quality Control Analyzed on Container:	SC00643

Container IDs

SC00229
SC00345
SC00326
SC00057
SC00772
SC00146
SC00897
SC00080
SC00678
SC00643

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

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	06794
Quality Control Analyzed:	13-Mar-07
Cleaned:	11-Mar-07
Quality Control Analyzed on Container:	SC00372

Container IDs

SC00372
SC00083
SC00527
SC00153
SC00280
SC00901
SC00240
SC00252
SC00770
SC00363

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

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	06799
Quality Control Analyzed:	14-Mar-07
Cleaned:	12-Mar-07
Quality Control Analyzed on Container:	sc00801

Container IDs

SC00211
SC00136
SC00053
SC00121
SC00350
SC00471
SC00548
SC00819
SC00801
SC00663

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

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	06787
Quality Control Analyzed:	12-Mar-07
Cleaned:	09-Mar-07
Quality Control Analyzed on Container:	ac01089

Container IDs

AC01367
AC01251
AC01016
AC00292
AC01170
AC01089
AC00753
AC01054
AC00683
AC01218
AC00266
AC00519
AC00996
AC00742

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

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	06798
Quality Control Analyzed:	14-Mar-07
Cleaned:	12-Mar-07
Quality Control Analyzed on Container:	sc00561

Container IDs

SC00809
SC00868
SC00680
SC00682
SC00642
SC00537
SC00097
SC00329
SC00561
SC00762

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

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	06819
Quality Control Analyzed:	16-Mar-07
Cleaned:	15-Mar-07
Quality Control Analyzed on Container:	SC00127

Container IDs

SC00887
SC00060
SC00796
SC00742
SC00127
SC00577
SC00853
SC00758
SC00787
SC00616

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

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	06805
Quality Control Analyzed:	15-Mar-07
Cleaned:	13-Mar-07
Quality Control Analyzed on Container:	SC00501

Container IDs

SC00926
SC00022
SC00295
SC00458
SC00166
SC00301
SC00215
SC00854
SC00501
SC00734

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

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	06803
Quality Control Analyzed:	13-Mar-07
Cleaned:	13-Mar-07
Quality Control Analyzed on Container:	ac01336

Container IDs

AC01153
AC00718
AC00522
AC00831
AC01338
AC00969
AC00552
AC00979
AC00946
AC00606
AC01336
AC01000
AC01241
AC00891

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

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	06273
Quality Control Analyzed:	10-Nov-06
Cleaned:	08-Nov-06
Quality Control Analyzed on Container:	ac01078

Container IDs

AC01132
AC01114
AC00557
AC00301
AC01120
AC00401
AC00426
AC01078
AC01289
AC01098
AC00256
AC00686
AC01020
AC00701

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

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	06286
Quality Control Analyzed:	16-Nov-06
Cleaned:	11-Nov-06
Quality Control Analyzed on Container:	ac01201

Container IDs

AC00697
AC01044
AC00591
AC01201
AC01074
AC00893
AC01215
AC01117
AC01242
AC01176
AC01003
AC01248
AC00605
AC00575

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

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	06313
Quality Control Analyzed:	27-Nov-06
Cleaned:	18-Nov-06
Quality Control Analyzed on Container:	SC00520

Container IDs

SC00598
SC00911
SC00241
SC00347
SC00807
SC00330
SC00160
SC00025
SC00892
SC00520

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

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	06316
Quality Control Analyzed:	27-Nov-06
Cleaned:	19-Nov-06
Quality Control Analyzed on Container:	SC00077

Container IDs

SC00674
SC00783
SC00610
SC00351
SC00035
SC00711
SC00078
SC00403
SC00147
SC00077

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

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	06324
Quality Control Analyzed:	22-Nov-06
Cleaned:	22-Nov-06
Quality Control Analyzed on Container:	sc00088

Container IDs

SLC00010
SC00830
SC00657
SC00853
SC00692
SC00552
SC00758
SC00300
SC00573
SC00088

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

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	06337
Quality Control Analyzed:	29-Nov-06
Cleaned:	27-Nov-06
Quality Control Analyzed on Container:	sc00211

Container IDs

SC00211
SC00592
SC00037
SC00286
SC00660
SC00581
SC00365
SC00097
SC00764
SC00842

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

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	06336
Quality Control Analyzed:	29-Nov-06
Cleaned:	27-Nov-06
Quality Control Analyzed on Container:	sc00854

Container IDs

SC00263
SC00203
SC00833
SC00041
SC00891
SC00713
SC00759
SC00858
SC00075
SC00854

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

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	06327
Quality Control Analyzed:	
Cleaned:	22-Nov-06
Quality Control Analyzed on Container:	

Container IDs

SC00519
SC00336
SC00028
SC00737
SC00800
SC00480
SC00364
SC00564
SC00073
SC00225

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

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	06328
Quality Control Analyzed:	27-Nov-06
Cleaned:	22-Nov-06
Quality Control Analyzed on Container:	sc00380

Container IDs

SC00905
SC00700
SC00873
SC00136
SC00221
SC00331
SC00220
SC00796
SC00271
SC00380

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

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	06332
Quality Control Analyzed:	
Cleaned:	25-Nov-06
Quality Control Analyzed on Container:	

Container IDs

AC00924
AC00799
AC01037
AC00292
AC00639
AC00907
AC00936
AC00204
AC01191
AC00177
AC00610
AC00921
AC00546
AC01138

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

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	06332
Quality Control Analyzed:	
Cleaned:	25-Nov-06
Quality Control Analyzed on Container:	

Container IDs

AC00924
AC00799
AC01037
AC00292
AC00639
AC00907
AC00936
AC00204
AC01191
AC00177
AC00610
AC00921
AC00546
AC01138

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

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	06345
Quality Control Analyzed:	29-Nov-06
Cleaned:	28-Nov-06
Quality Control Analyzed on Container:	AC00690

Container IDs

AC01182
AC00690
AC00771
AC01104
AC01084
AC01148
AC00076
AC00266
AC00992
AC00389
AC00569
AC00841
AC01199
AC00927

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

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	06355
Quality Control Analyzed:	
Cleaned:	30-Nov-06
Quality Control Analyzed on Container:	

Container IDs

AC00629
AC01106
AC00874
AC00937
AC01214
AC01101
AC01048
AC01230
AC01290
AC00713
AC00177
AC00904
AC01186
AC01080

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

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	06355
Quality Control Analyzed:	
Cleaned:	30-Nov-06
Quality Control Analyzed on Container:	

Container IDs

AC00629
AC01106
AC00874
AC00937
AC01214
AC01101
AC01048
AC01230
AC01290
AC00713
AC00177
AC00904
AC01186
AC01080

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

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	06351
Quality Control Analyzed:	30-Nov-06
Cleaned:	29-Nov-06
Quality Control Analyzed on Container:	SC00243

Container IDs

SC00868
SC00109
SC00157
SC00277
SC00653
SC00310
SC00239
SC00414
SC00773
SC00243

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

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	06352
Quality Control Analyzed:	04-Dec-06
Cleaned:	29-Nov-06
Quality Control Analyzed on Container:	SC00467

Container IDs

SC00909
SC00327
SC00467
SC00443
SC00856
SC00624
SC00368
SC00127
SC00113
SC00124

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

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	06337
Quality Control Analyzed:	29-Nov-06
Cleaned:	27-Nov-06
Quality Control Analyzed on Container:	sc00211

Container IDs

SC00211
SC00592
SC00037
SC00286
SC00660
SC00581
SC00365
SC00097
SC00764
SC00842

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

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	06328
Quality Control Analyzed:	27-Nov-06
Cleaned:	22-Nov-06
Quality Control Analyzed on Container:	sc00380

Container IDs

SC00905
SC00700
SC00873
SC00136
SC00221
SC00331
SC00220
SC00796
SC00271
SC00380

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

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	06328
Quality Control Analyzed:	27-Nov-06
Cleaned:	22-Nov-06
Quality Control Analyzed on Container:	sc00380

Container IDs

SC00905
SC00700
SC00873
SC00136
SC00221
SC00331
SC00220
SC00796
SC00271
SC00380

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

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	06383
Quality Control Analyzed:	07-Dec-06
Cleaned:	06-Dec-06
Quality Control Analyzed on Container:	AC01005

Container IDs

AC00753
AC01049
AC00893
AC00566
AC00926
AC01097
AC01005
AC00651
AC00589
AC00756
AC00404
AC00594
AC01273
AC00804

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

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	06383
Quality Control Analyzed:	07-Dec-06
Cleaned:	06-Dec-06
Quality Control Analyzed on Container:	AC01005

Container IDs

AC00753
AC01049
AC00893
AC00566
AC00926
AC01097
AC01005
AC00651
AC00589
AC00756
AC00404
AC00594
AC01273
AC00804

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

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	06422
Quality Control Analyzed:	19-Dec-06
Cleaned:	15-Dec-06
Quality Control Analyzed on Container:	AC01122

Container IDs

AC00391
AC01253
AC00923
AC01272
AC00279
AC00944
AC01058
AC00593
AC00623
AC00397
AC00485
AC00900
AC01113
AC01122

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

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	06389
Quality Control Analyzed:	11-Dec-06
Cleaned:	07-Dec-06
Quality Control Analyzed on Container:	sc00809

Container IDs

SC00206
SC00469
SC00582
SC00136
SC00220
SC00346
SC00699
SC00680
SC00861
SC00809

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

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	06389
Quality Control Analyzed:	11-Dec-06
Cleaned:	07-Dec-06
Quality Control Analyzed on Container:	sc00809

Container IDs

SC00206
SC00469
SC00582
SC00136
SC00220
SC00346
SC00699
SC00680
SC00861
SC00809

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

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	06300
Quality Control Analyzed:	17-Nov-06
Cleaned:	15-Nov-06
Quality Control Analyzed on Container:	sc00879

Container IDs

SC00488
SC00744
SC00151
SC00879
SC00027
SC00770
SC00237
SC00369
SC00469
SC00436

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

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	06300
Quality Control Analyzed:	17-Nov-06
Cleaned:	15-Nov-06
Quality Control Analyzed on Container:	sc00879

Container IDs

SC00488
SC00744
SC00151
SC00879
SC00027
SC00770
SC00237
SC00369
SC00469
SC00436

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

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	06747
Quality Control Analyzed:	02-Mar-07
Cleaned:	01-Mar-07
Quality Control Analyzed on Container:	ac01365

Container IDs

AC01374
AC01373
AC01372
AC01371
AC01370
AC01369
AC01368
AC01367
AC01366
AC01365

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

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	06774
Quality Control Analyzed:	07-Mar-07
Cleaned:	07-Mar-07
Quality Control Analyzed on Container:	ac01163

Container IDs

AC00715
AC00868
AC00862
AC00095
AC00734
AC00440
AC00155
AC01167
AC00964
AC00201
AC00112
AC00345
AC00865
AC01163

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

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	06777
Quality Control Analyzed:	
Cleaned:	08-Mar-07
Quality Control Analyzed on Container:	

Container IDs

AC00686
AC00295
AC01288
AC00817
AC01183
AC00926
AC00435
AC01098
AC01006
AC01121
AC00426
AC00874
AC00510
AC01095

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

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	06790
Quality Control Analyzed:	13-Mar-07
Cleaned:	10-Mar-07
Quality Control Analyzed on Container:	ac01072

Container IDs

AC01154
AC01220
AC00997
AC00828
AC00401
AC00623
AC01072
AC01209
AC01085
AC01113
AC00884
AC01195
AC00664
AC01252

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

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	06781
Quality Control Analyzed:	09-Mar-07
Cleaned:	08-Mar-07
Quality Control Analyzed on Container:	SC00846

Container IDs

SC00846
SC00190
SC00235
SC00160
SC00620
SC00147
SC00632
SC00241
SC00747
SC00862

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

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	06792
Quality Control Analyzed:	12-Mar-07
Cleaned:	10-Mar-07
Quality Control Analyzed on Container:	SC00643

Container IDs

SC00229
SC00345
SC00326
SC00057
SC00772
SC00146
SC00897
SC00080
SC00678
SC00643

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

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	06794
Quality Control Analyzed:	13-Mar-07
Cleaned:	11-Mar-07
Quality Control Analyzed on Container:	SC00372

Container IDs

SC00372
SC00083
SC00527
SC00153
SC00280
SC00901
SC00240
SC00252
SC00770
SC00363

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

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	06799
Quality Control Analyzed:	14-Mar-07
Cleaned:	12-Mar-07
Quality Control Analyzed on Container:	sc00801

Container IDs

SC00211
SC00136
SC00053
SC00121
SC00350
SC00471
SC00548
SC00819
SC00801
SC00663

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

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	06787
Quality Control Analyzed:	12-Mar-07
Cleaned:	09-Mar-07
Quality Control Analyzed on Container:	ac01089

Container IDs

AC01367
AC01251
AC01016
AC00292
AC01170
AC01089
AC00753
AC01054
AC00683
AC01218
AC00266
AC00519
AC00996
AC00742

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

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	06798
Quality Control Analyzed:	14-Mar-07
Cleaned:	12-Mar-07
Quality Control Analyzed on Container:	sc00561

Container IDs

SC00809
SC00868
SC00680
SC00682
SC00642
SC00537
SC00097
SC00329
SC00561
SC00762

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

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	06819
Quality Control Analyzed:	16-Mar-07
Cleaned:	15-Mar-07
Quality Control Analyzed on Container:	SC00127

Container IDs

SC00887
SC00060
SC00796
SC00742
SC00127
SC00577
SC00853
SC00758
SC00787
SC00616

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

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	06805
Quality Control Analyzed:	15-Mar-07
Cleaned:	13-Mar-07
Quality Control Analyzed on Container:	SC00501

Container IDs

SC00926
SC00022
SC00295
SC00458
SC00166
SC00301
SC00215
SC00854
SC00501
SC00734

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

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	06803
Quality Control Analyzed:	13-Mar-07
Cleaned:	13-Mar-07
Quality Control Analyzed on Container:	ac01336

Container IDs

AC01153
AC00718
AC00522
AC00831
AC01338
AC00969
AC00552
AC00979
AC00946
AC00606
AC01336
AC01000
AC01241
AC00891

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: 12-5-06 TECHNICIAN: STEVEN CRAWFORD WEATHER: SUNNY CLEAR

LFG INSTRUMENT – MODEL NO.: GA1/1 - GA-90 PID/FID INSTRUMENT – MODEL NO.: TVA-1000B-81040

LFG INSTRUMENT – SERIAL NO.: G1549 PID/FID INSTRUMENT – SERIAL NO.: 0623018661

AMBIENT AIR TEMPERATURE @ START: 64.4 °F AMBIENT BAROMETRIC PRESSURE @ START: 30.16 in Hg

AMBIENT AIR TEMPERATURE @ END: 58.8 °F AMBIENT BAROMETRIC PRESSURE @ END: 30.17 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				
	12-05-06 Start	12-06-06 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	9:12	8:16	0%	2.13	0%	4.87	0%	33.18	0%	16.12	29.8	9.1	yes
IBM-22													
IBM-24B													
IBM-28													
IBM-32	10:20	9:24	0%	5.08	0%	5.23	0%	39.89	0%	17.83	29.5	5.9	yes
IBM-37													
IBM-41	9:49	8:43	0%	2.84	0%	5.48	0%	9.21	0%	9.61	30.0	6.8	yes
IBM-50													
AMBIENT AIR MONITORING LOCATIONS													
IBM-24							NA	NA	NA	NA			
IBM-49	10:50	9:48	0%	5.36	0%	6.56	NA	NA	NA	NA	29.3	5.1	
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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TABLE W.1
INSTRUMENT CALIBRATION CHECKLIST

DATE	INSTRUMENT	SERIAL NO.	CALIBRATION GAS USED	FINAL CALIBRATION READING	BATTERY CHECK	CALIBRATED BY
12-6-06	GA-90	G-1549	LANDTEC GAS 50% CH4 35% CO2	50%	OK	SC
12-6-06	TVA-1000	0623018661	ISOBUTYLENE (100 PPM)	100 PPM	OK	SC

TRC
Customer-Focused Solutions

DAILY FIELD REPORT

JOB NAME: WDI	PROJECT NUMBER: 29-0316-01	DATE: 12-5-06
LOCATION: GREENLEAF & LOS NIETOS	WEATHER: SUNNY	DAY: TUESDAY
CONTRACTOR: TRC	FOREMAN: TOM OEEN	
FIELD TECHNICIAN: STEVEN CRAWFORD	INSPECTION/TESTING OF: SETUP SUMMA CANISTERS FOR IN-BUSINESS AIR MONITORING AT IBM-21, 32, 41, AND 49.	

SUMMARY OF OPERATIONS:

ARRIVED AT IBM-21 (CHILLERS) AT 9 AM. SET SAMPLE CANISTER AT 9:12 AM. TOOK INDOOR AND OUTDOOR READINGS FOR CH_4 AND VOC's. OUT AT 9:25 AM. ARRIVED AT IBM-41 (H&H CONTRACTORS) AT 9:30 AM. SET SAMPLE CANISTER AT 9:49 AM. TOOK INDOOR AND OUTDOOR READINGS FOR CH_4 AND VOCS. OUT AT 10:10 AM. ARRIVED AT IBM-49 AT 10:25 AM. TOOK INDOOR AND OUTDOOR READINGS FOR CH_4 AND VOC'S SET SAMPLE CANISTER AT 10:50 AM. OUT AT 11 AM.

* SOME ODORS PRESENT IN IBM-21 AND IBM-32

TRC Alton Geoscience

TABLE W.1
INSTRUMENT CALIBRATION CHECKLIST

DATE	INSTRUMENT	SERIAL NO.	CALIBRATION GAS USED	FINAL CALIBRATION READING	BATTERY CHECK	CALIBRATED BY
12-5-06	GA-90	G-1549	LANDTEC GAS 50% CH_4 35% CO_2	50 %	OK	SC
12-5-06	TVA-1000	0623018661	ISOBUTYLENE (100 PPM)	100 PPM	OK	SC

TRC
Customer-Focused Solutions

DAILY FIELD REPORT

JOB NAME: WDI	PROJECT NUMBER: 29-0316-01	DATE: 12-6-06
LOCATION: GREENLEAF & LOS NIETOS	WEATHER: SUNNY	DAY: WEDNESDAY
CONTRACTOR: TRC	FOREMAN: TOM DEEN	
FIELD TECHNICIAN: STEVEN CRAWFORD	INSPECTION/TESTING OF: PICKUP SUMMA CANISTERS AND AIR MONITORING AT IBM-21, 32, 41, AND 49.	

SUMMARY OF OPERATIONS:

ON-SITE AT 8 AM. COLLECTED SUMMA CANISTER AT IBM-21 AT 0816. TOOK INDOOR AND OUTDOOR READINGS FOR CH_4 AND VOC'S. LEFT IBM-21 AND ARRIVED AT IBM-41 AT 0830. COLLECTED SUMMA CANISTER AT 0843. TOOK INDOOR AND OUTDOOR READINGS FOR CH_4 AND VOC'S. LEFT IBM-41 AND ARRIVED AT IBM-32 AT 0915. COLLECTED SUMMA CANISTER AT 0924. TOOK INDOOR AND OUTDOOR READINGS FOR CH_4 AND VOC'S. LEFT IBM-32 AND ARRIVED AT IBM-49 AT 0938. COLLECTED SUMMA CANISTER AT 0948. TOOK INDOOR AND OUTDOOR READINGS FOR CH_4 AND VOC'S. OUT AT 1005.

* SOME ODORS PRESENT IN IBM-21 AND IBM-32.

TRC Alton Geoscience

APPENDIX B.16

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

DATE: 12-9-06 TECHNICIAN: STEVEN CRAWFORD WEATHER: SUNNY

LFG INSTRUMENT – MODEL NO.: GA1/1-GA-90 PID/FID INSTRUMENT – MODEL NO.: TVA-1000B-81040

LFG INSTRUMENT – SERIAL NO.: G 1549 PID/FID INSTRUMENT – SERIAL NO.: 0623018661

AMBIENT AIR TEMPERATURE @ START: 75.1 °F AMBIENT BAROMETRIC PRESSURE @ START: 29.99 in Hg

AMBIENT AIR TEMPERATURE @ END: 65.3 °F AMBIENT BAROMETRIC PRESSURE @ END: 30.17 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)
	12-9-06	12-10-06	Start		End		Start		End				
	Start	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	1510	1416	0%	4.85	0%	3.87	0%	5.01	0%	4.68	29.3	5.8	yes
IBM-21													
IBM-22													
IBM-24B	1454	1354	0%	4.31	0%	4.16	0%	6.15	0%	3.92	29.4	5.7	yes
IBM-28	1545	1445	0%	4.48	0%	3.62	0%	5.24	0%	3.28	29.4	7.1	yes
IBM-32													
IBM-37													
IBM-41													
* IBM-50	1438	1338	0%	4.94	0%	3.24	0%	5.34	0%	4.61	29.3	8.2	yes
AMBIENT AIR MONITORING LOCATIONS													
IBM-24	1500	1406	0%	4.63	0%	2.98	NA	NA	NA	NA	29.4	6.2	
IBM-49							NA	NA	NA	NA			
NOTES * IBM-50 DUPLICATE 1438 1338											29.3	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)

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TABLE W.1
INSTRUMENT CALIBRATION CHECKLIST

DATE	INSTRUMENT	SERIAL NO.	CALIBRATION GAS USED	FINAL CALIBRATION READING	BATTERY CHECK	CALIBRATED BY
12-9-06	TVA-1000	0623018661	ISOBUTYLENE (100 PPM)	100 PPM	OK	SC
12-9-06	GA-90	G1549	LANDTEC GAS 50% CH_4 35% CO_2	50% CH_4	OK	SC
12-10-06	TVA-1000	0623018661	ISOBUTYLENE (100 PPM)	100 PPM	OK	SC
12-10-06	GA-90	G1549	LANDTEC GAS 50% CH_4 35% CO_2	50% CH_4	OK	SC

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DAILY FIELD REPORT

JOB NAME:	PROJECT NUMBER:	DATE:
WDI	29-0316-01	12-9-06
LOCATION: GREENLEAF & LOS NIETOS	WEATHER: SUNNY	DAY: SATURDAY
CONTRACTOR: TRC	FOREMAN: TOM DEEN	
FIELD TECHNICIAN: STEVEN CRAWFORD	INSPECTION/TESTING OF: INDOOR BUSINESS MONITORING AND SAMPLING AT IBM-03B, IBM-24B, IBM-28, IBM-50, AND IBM-2	

SUMMARY OF OPERATIONS:

ARRIVED ON-SITE AT 1300. CALIBRATED INSTRUMENTS. ARRIVED AT IBM-50 AT 1415. TOOK READINGS FOR CH_4 AND VOC'S. SET SAMPLE AT 1438. LEFT IBM-50 AT 1440. ARRIVED AT IBM-24B AT 1445. TOOK READINGS FOR CH_4 AND VOC'S. SET SAMPLE AT 1454. WALKED OUTSIDE AND TOOK READINGS FOR CH_4 AND VOC'S AT IBM-24. SET SAMPLE AT 1500. WALKED TO IBM-03B AND TOOK READINGS FOR CH_4 AND VOC'S. SET SAMPLE AT 1510. LEFT IBM-03B AND ARRIVED AT IBM-28 AT 1520. TOOK READINGS FOR CH_4 AND VOC'S. SET SAMPLE AT 1545. OFFSITE AT 555.

TRC Alton Geoscience

DAILY FIELD REPORT

JOB NAME: WDI	PROJECT NUMBER: 29-0316-01	DATE: 12-10-06
LOCATION: GREENLEAF / LOS NIETOS	WEATHER: SUNNY	DAY: SUNDAY
CONTRACTOR: TRC	FOREMAN: TOM DEEN	
FIELD TECHNICIAN: STEVEN CRAWFORD	INSPECTION/TESTING OF: COLLECTION OF INDOOR BUSINESS SAMPLES AND AIR MONITORING.	

SUMMARY OF OPERATIONS:

ARRIVED ON-SITE AT 1230. CALIBRATED INSTRUMENTS. ARRIVED AT IBM-50 AT 1330. TOOK READINGS FOR CH_4 AND VOC'S. COLLECTED SAMPLE AT 1338. LEFT IBM-50 AT 1342 AND ARRIVED AT IBM-24B AT 1348. TOOK READINGS FOR CH_4 AND VOC'S. COLLECTED SAMPLE AT 1354. WALKED TO IBM-24 AND TOOK READINGS FOR CH_4 AND VOC'S. COLLECTED SAMPLE AT 1406. WALKED TO IBM-03B AND TOOK READINGS FOR CH_4 AND VOC'S. COLLECTED SAMPLE AT 1416. LEFT IBM-03B AT 1420. ARRIVED AT IBM-28 AT 1425. TOOK READINGS FOR CH_4 AND VOC'S. COLLECTED SAMPLE AT 1445. OFFSITE AT 1455.

TRC Alton Geoscience

APPENDIX B.16

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

DATE: 1-5-07 TECHNICIAN: STEVEN CRAWFORD WEATHER: SUNNY COOL

LFG INSTRUMENT – MODEL NO.: GA-90 PID/FID INSTRUMENT – MODEL NO.: TVA-1000B

LFG INSTRUMENT – SERIAL NO.: G 1549 PID/FID INSTRUMENT – SERIAL NO.: 0520012545

AMBIENT AIR TEMPERATURE @ START: 68.7 °F AMBIENT BAROMETRIC PRESSURE @ START: 30.15 in Hg

AMBIENT AIR TEMPERATURE @ END: 72.5 °F AMBIENT BAROMETRIC PRESSURE @ END: 30.17 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				
	1-5-07 Start	1-6-07 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	1630	1505	0%	1.68	0%	0.86	0%	1.84	0%	1.55	29.5	10.6	yes
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:													

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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

TABLE W.1
INSTRUMENT CALIBRATION CHECKLIST

DATE	INSTRUMENT	SERIAL NO.	CALIBRATION GAS USED	FINAL CALIBRATION READING	BATTERY CHECK	CALIBRATED BY
1-5-07	TVA-1000	0520012545	ISOBUTYLENE (100 PPM)	100 PPM	OK	SL
1-5-07	GA-90	G-1549	LANDTEC GAS 50% CH4 35% CO2	50% CH4	OK	SL
1-6-07	TVA-1000	0520012545	ISOBUTYLENE (100 PPM)	100 PPM	OK	SL
1-6-07	GA-90	G-1549	LANDTEC GAS 50% CH4 35% CO2	50% CH4	OK	SL

TRC
Customer-Focused Solutions

DAILY FIELD REPORT

JOB NAME: WDI	PROJECT NUMBER: 29-0316-01	DATE: 1-5-07
LOCATION: LOS NIETOS & GREENLEAF	WEATHER: SUNNY COOL	DAY: FRIDAY
CONTRACTOR: TRC	FOREMAN: TOM DEEN	
FIELD TECHNICIAN: STEVEN CRAWFORD	INSPECTION/TESTING OF: SETUP SUMMA CANISTER IN IBM-03.	

SUMMARY OF OPERATIONS: ARRIVED ON-SITE AT 1530. CALIBRATED INSTRUMENTS. PROCEEDED TO IBM-03 AT 1618. RECORDED READINGS FOR CH_4 AND VOC'S. STARTED SAMPLE AT 1630. OFF-SITE AT 1645.

TRC Alton Geoscience

DAILY FIELD REPORT

JOB NAME: WOI	PROJECT NUMBER: 29-0316-01	DATE: 1-6-07
LOCATION: LOS NIETOS & GREENLEAF	WEATHER: SUNNY COOL	DAY: SATURDAY
CONTRACTOR: TRC	FOREMAN: TOM DEEN	
FIELD TECHNICIAN: STEVEN CRAWFORD	INSPECTION/TESTING OF: COLLECTION OF SAMPLE AT IBM-03.	

SUMMARY OF OPERATIONS: ARRIVED ON-SITE AT 1426. CALIBRATED INSTRUMENTS. ARRIVED AT IBM-03 AT 1500. COLLECTED SUMMA CANISTER AT 1505. RECORDED READINGS FOR CH4 AND VOC'S. OFF-SITE AT 1520.

TRC Alton Geoscience

Calibration Certificate

CERTIFICATE NUMBER: **28363**

ASSET NUMBER:	**R3420**
ASSET DESCRIPTION:	**LANDTEC GA90 LANDFILL GAS MONI**
MANUFACTURER:	**LANDTEC**
SERIAL NUMBER:	**G1549**
CALIBRATION DATE:	**04 Jan 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:	**VU NGUYEN**
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: _____

VU NGUYEN

Calibration Certificate

CERTIFICATE NUMBER: **28364**

ASSET NUMBER:	**R6323**
ASSET DESCRIPTION:	**TVA 1000B**
MANUFACTURER:	**THERMO**
SERIAL NUMBER:	**0520012545**
CALIBRATION DATE:	**04 Jan 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:	**VU NGUYEN**
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	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:

VU NGUYEN

APPENDIX B.16

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

DATE: 1-20-07 TECHNICIAN: STEVE CRAWFORD WEATHER: SUNNY COOL

LFG INSTRUMENT – MODEL NO.: GA 1/1 - GA-90 PID/FID INSTRUMENT – MODEL NO.: TVA - 1000B - 81040

LFG INSTRUMENT – SERIAL NO.: G-1549 PID/FID INSTRUMENT – SERIAL NO.: 0528413542

AMBIENT AIR TEMPERATURE @ START: 53.9 °F AMBIENT BAROMETRIC PRESSURE @ START: 30.09 in Hg

AMBIENT AIR TEMPERATURE @ END: 56.8 °F AMBIENT BAROMETRIC PRESSURE @ END: 30.07 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				
	1-20-07 Start	1-21-07 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	800	701	0%	1.12	0%	1.34	0%	3.67	0%	3.27	30.1	8.7	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
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TABLE W.1
INSTRUMENT CALIBRATION CHECKLIST

DATE	INSTRUMENT	SERIAL NO.	CALIBRATION GAS USED	FINAL CALIBRATION READING	BATTERY CHECK	CALIBRATED BY
1-20-07	TVA-1000	0528413542	ISOBUTYLENE (100 PPM)	100 PPM	OK	SC
1-20-07	GA-90	G1549	LANOTEC GAS 50% CH4 35% CO2	50% CH4	OK	SC
1-21-07	TVA-1000	0528413542	ISOBUTYLENE (100 PPM)	100 PPM	OK	SC
1-21-07	GA-90	G1549	LANOTEC GAS 50% CH4 35% CO2	50% CH4	OK	SC

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Customer-Focused Solutions

DAILY FIELD REPORT

JOB NAME: WDI	PROJECT NUMBER: 29-0316-01	DATE: 1-20-07
LOCATION: LOS NIETOS / GREENLEAF	WEATHER: SUNNY COOL.	DAY: SATURDAY
CONTRACTOR: TRC	FOREMAN: TOM DEEN	
FIELD TECHNICIAN: TOM DEEN / STEVEN CRAWFORD	INSPECTION/TESTING OF: COLLECTION OF SAMPLE FROM IBM-22.	

SUMMARY OF OPERATIONS: ARRIVED ON-SITE AT 0645. CALIBRATED INSTRUMENTS. RECORDED READINGS FOR CH_4 AND VOCS AT 0750. BEGAN SAMPLE COLLECTION AT 0800. OFF-SITE AT 0815.

TRC Alton Geoscience

Calibration Certificate

CERTIFICATE NUMBER: **26855**

ASSET NUMBER:	**R3420**
ASSET DESCRIPTION:	**LANDTEC GA90 LANDFILL GAS MONI**
MANUFACTURER:	**LANDTEC**
SERIAL NUMBER:	**G1549**
CALIBRATION DATE:	**27 Nov 2006**
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:	**VU NGUYEN**
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:

VU NGUYEN

Calibration Certificate

CERTIFICATE NUMBER: **27254**

ASSET NUMBER:	**R6488**
ASSET DESCRIPTION:	**TVA1000B PID/FID**
MANUFACTURER:	**THERMO**
SERIAL NUMBER:	**0623018661**
CALIBRATION DATE:	**30 Nov 2006**
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:	**VU NGUYEN**
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	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:

VU NGUYEN

Calibration Certificate

CERTIFICATE NUMBER: **28125**

ASSET NUMBER:	**R6323**
ASSET DESCRIPTION:	**TVA 1000B**
MANUFACTURER:	**THERMO**
SERIAL NUMBER:	**0520012545**
CALIBRATION DATE:	**26 Dec 2006**
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:	**VU NGUYEN**
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	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: _____

VU NGUYEN

Calibration Certificate

CERTIFICATE NUMBER: **28127**

ASSET NUMBER:	**R3420**
ASSET DESCRIPTION:	**LANDTEC GA90 LANDFILL GAS MONI**
MANUFACTURER:	**LANDTEC**
SERIAL NUMBER:	**G1549**
CALIBRATION DATE:	**26 Dec 2006**
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:	**VU NGUYEN**
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: _____

VU NGUYEN

APPENDIX B.16

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

DATE: 2-1-07 TECHNICIAN: STEVEN CRAWFORD WEATHER: CLOUDY

LFG INSTRUMENT – MODEL NO.: GA 1/1 GA-90 PID/FID INSTRUMENT – MODEL NO.: TVA-1000B-81040

LFG INSTRUMENT – SERIAL NO.: G 1549 PID/FID INSTRUMENT – SERIAL NO.: 0623018661

AMBIENT AIR TEMPERATURE @ START: 60.4 °F AMBIENT BAROMETRIC PRESSURE @ START: 29.94 in Hg

AMBIENT AIR TEMPERATURE @ END: 67.1 °F AMBIENT BAROMETRIC PRESSURE @ END: 30.10 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				
	2-1-07 Start	2-2-07 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	1332	1231	0%	.16	0%	.21	0%	.68	0%	.93	29.4	.5	YES
IBM-41													
IBM-50													
AMBIENT AIR MONITORING LOCATIONS													
IBM-24							NA	NA	NA	NA			
IBM-49							NA	NA	NA	NA			
NOTES: * IBM-37 1332 DUPLICATE											29.4	.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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DAILY FIELD REPORT

JOB NAME: WDI	PROJECT NUMBER: 29-0316-01	DATE: 2-1-07
LOCATION: LOS NIETOS / GREENLEAF	WEATHER: CLOUDY	DAY: THURSDAY
CONTRACTOR: TRC	FOREMAN: TOM DEEN	
FIELD TECHNICIAN: STEVEN CRAWFORD	INSPECTION/TESTING OF: AIR MONITORING AND SAMPLING OF IBM-37.	

SUMMARY OF OPERATIONS: ARRIVED ON-SITE AT 1230. INSTRUMENTS CALIBRATED BY ASHTEAD. SETUP EQUIPMENT TO BE USED. SET SAMPLE AT 1332. RECORDED READINGS FOR CH_4 AND VOCS. OFF-SITE AT 1355.

TRC Alton Geoscience

DAILY FIELD REPORT

JOB NAME: WOI	PROJECT NUMBER: 29-0316-01	DATE: 2-2-07
LOCATION: LOS NIETOS / GREENLEAF	WEATHER: SUNNY	DAY: FRIDAY
CONTRACTOR: TRC	FOREMAN: TOM DEEN	
FIELD TECHNICIAN: STEVEN CRAWFORD	INSPECTION/TESTING OF: AIR MONITORING AND SAMPLING OF IBM-37	

SUMMARY OF OPERATIONS:

ON-SITE AT 1200. CALIBRATED INSTRUMENTS.

ON-SITE AT IBM-37 AT 1230. COLLECTED SAMPLE AT 1231. RECORDED READINGS FOR CH_4 AND VOCS. OFFSITE AT 1245. COMPLETED PAPERWORK AND PACKED SAMPLES. OFFSITE AT 1400.

TRC Alton Geoscience

APPENDIX B.16

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

DATE: 3-3-07 TECHNICIAN: STEVEN CRAWFORD WEATHER: SUNNY (COOL)

LFG INSTRUMENT – MODEL NO.: GA-90 PID/FID INSTRUMENT – MODEL NO.: TVA-1000B-81040

LFG INSTRUMENT – SERIAL NO.: G1556 PID/FID INSTRUMENT – SERIAL NO.: 74062-375

AMBIENT AIR TEMPERATURE @ START: 56.8 °F AMBIENT BAROMETRIC PRESSURE @ START: 30.20 in Hg

AMBIENT AIR TEMPERATURE @ END: 57.5 °F AMBIENT BAROMETRIC PRESSURE @ END: 30.19 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				
	3-3-07 Start	3-4-07 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	0800	0657	0%	.32	0%	.24	0%	.51	0%	.31	29.9	6.0	YES
IBM-24B													
IBM-28													
IBM-32													
IBM-37													
* IBM-41	0850	0806	0%	1.03	0%	1.19	0%	1.82	0%	3.58	29.8	4.1	YES
IBM-50													
AMBIENT AIR MONITORING LOCATIONS													
IBM-24							NA	NA	NA	NA			
IBM-49							NA	NA	NA	NA			
NOTES: * IBM-41 DUPLICATE 0850 | 0806											29.8	5.1	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: 3-4-07 TECHNICIAN: STEVEN CRAWFORD WEATHER: SUNNY (COOL)

LFG INSTRUMENT – MODEL NO.: GA-90 PID/FID INSTRUMENT – MODEL NO.: TVA-1000B-BA040

LFG INSTRUMENT – SERIAL NO.: G1556 PID/FID INSTRUMENT – SERIAL NO.: 74062-375

AMBIENT AIR TEMPERATURE @ START: 57.6 °F AMBIENT BAROMETRIC PRESSURE @ START: 30.19 in Hg

AMBIENT AIR TEMPERATURE @ END: 60.4 °F AMBIENT BAROMETRIC PRESSURE @ END: 30.03 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				
	3-4-07 Start	3-5-07 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	0758	0545	0%	.83	0%	1.12	0%	1.19	0%	1.34	30.0	8.7	yes
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:													

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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: 3/6/07 TECHNICIAN: STEVEN CRAWFORD WEATHER: SUNNY WARM

LFG INSTRUMENT – MODEL NO.: GA-90 PID/FID INSTRUMENT – MODEL NO.: TVA-1000B 81040

LFG INSTRUMENT – SERIAL NO.: G1549 PID/FID INSTRUMENT – SERIAL NO.: 062318660

AMBIENT AIR TEMPERATURE @ START: 83.6 °F AMBIENT BAROMETRIC PRESSURE @ START: 30.00 in Hg

AMBIENT AIR TEMPERATURE @ END: 84.2 °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				
	3-6-07 Start	3-7-07 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	1336	1232	0%	.89	0%	.78	0%	1.19	0%	1.01	28.9	6.6	YES
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)

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TABLE W.1
INSTRUMENT CALIBRATION CHECKLIST

DATE	INSTRUMENT	SERIAL NO.	CALIBRATION GAS USED	FINAL CALIBRATION READING	BATTERY CHECK	CALIBRATED BY
3-3-07	GA-90	G1556	LANDTEC GAS 50% CH4 35% CO2	50.0%	OK	SC
3-3-07	TVA-1000	74062-375	ISOBUTYLENE (100 PPM)	100 PPM	OK	SC
3-4-07	GA-90	G1556	LANDTEC GAS 50% CH4 35% CO2	50.0%	OK	SC
3-4-07	TVA-1000	74062-375	ISOBUTYLENE (100 PPM)	100 PPM	OK	SC
3-5-07	GA-90	G1556	LANDTEC GAS 50% CH4 35% CO2	50.0%	OK	SC
3-5-07	TVA-1000	74062-375	ISOBUTYLENE (100 PPM)	100 PPM	OK	SC

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DAILY FIELD REPORT

JOB NAME: WDI	PROJECT NUMBER: 29-0316-01	DATE: 3-3-07
LOCATION: IBM-22 AND IBM-41	WEATHER: SUNNY	DAY: SATURDAY
CONTRACTOR: TRC	FOREMAN: TOM DEEN	
FIELD TECHNICIAN: STEVEN CRAWFORD	INSPECTION/TESTING OF: SAMPLE COLLECTION OF IBM-22 AND IBM-41.	

SUMMARY OF OPERATIONS:

ARRIVED ON-SITE AT 700. CALIBRATED INSTRUMENTS. SET SAMPLE AT IBM-22 AT 800. TOOK READINGS FOR CH_4 AND VOCS. OFFSITE AT 820. ARRIVED ON-SITE AT IBM-41 AT 830. SET SAMPLE AT 850. TOOK READINGS FOR CH_4 AND VOCS. OFFSITE AT 900.

TRC Alton Geoscience

DAILY FIELD REPORT

JOB NAME: WDI	PROJECT NUMBER: 29-0316-01	DATE: 3-4-07
LOCATION: IBM-22 AND IBM-41, IBM-03	WEATHER: SUNNY	DAY: SUNDAY
CONTRACTOR: TRC	FOREMAN: TOM DEEN	
FIELD TECHNICIAN: STEVEN CRAWFORD	INSPECTION/TESTING OF: COLLECTION OF SAMPLES AT IBM-22 AND IBM-41. SETUP SAMPLE AT IBM-03	

SUMMARY OF OPERATIONS:

ARRIVED ON-SITE AT 600. CALIBRATED INSTRUMENTS. COLLECTED SAMPLE AT IBM-22 AT 657. TOOK READINGS FOR CH_4 AND VOCS. OFFSITE AT 715. ARRIVED ON-SITE AT IBM-03 AT 730. SETUP SAMPLE IN IBM-03 AT 758. TOOK READINGS FOR CH_4 AND VOCS. OFFSITE AT 800. ARRIVED ON-SITE AT IBM-41 AT 803. COLLECTED SAMPLE AT 080[illegible]. TOOK READINGS FOR CH_4 AND VOCS. OFFSITE AT 825.

TRC Alton Geoscience

DAILY FIELD REPORT

JOB NAME: WOI	PROJECT NUMBER: 29-0316-01	DATE: 3-5-07
LOCATION: IBM-03	WEATHER: COOL	DAY: MONDAY
CONTRACTOR: TRC	FOREMAN: TOM DEGN	
FIELD TECHNICIAN: STEVEN CRAWFORD	INSPECTION/TESTING OF: COLLECTION OF SAMPLE AT IBM-03.	

SUMMARY OF OPERATIONS: ARRIVED ON-SITE AT 0500. CALIBRATED INSTRUMENTS. ARRIVED ON-SITE AT IBM-03 AT 535. COLLECTED SAMPLE AT 545. TOOK READINGS FOR CH_4 AND VOCS. OFFSITE AT 600.

TRC Alton Geoscience

DAILY FIELD REPORT

JOB NAME: WPI	PROJECT NUMBER: 29-0316-01	DATE: 3-6-07
LOCATION: IBM-37	WEATHER: SUNNY	DAY: TUESDAY
CONTRACTOR: TRC	FOREMAN: TOM DEEN	
FIELD TECHNICIAN: STEVEN CRAWFORD	INSPECTION/TESTING OF: SAMPLE COLLECTION AT IBM-37.	

SUMMARY OF OPERATIONS: ARRIVED ON-SITE AT 1200. ~~[illegible]~~ INSTRUMENTS PICKED UP AT ASHTEAD TECHNOLOGIES. ARRIVED AT IBM-37 AT 1330. SET SAMPLE AT 1336. TOOK READINGS FOR CH_4 AND VOCS. OFFSITE AT 1350.

TRC Alton Geoscience

DAILY FIELD REPORT

JOB NAME: WDI	PROJECT NUMBER: 29-0316-01	DATE: 3-7-07
LOCATION: IBM-37	WEATHER: SUNNY	DAY: WEDNESDAY
CONTRACTOR: TRC	FOREMAN: TOM DEEN	
FIELD TECHNICIAN: STEVEN CRAWFORD	INSPECTION/TESTING OF: COLLECTION OF SAMPLE AT IBM-37.	

SUMMARY OF OPERATIONS: ARRIVED ON-SITE AT 1130. CALIBRATED INSTRUMENTS. ARRIVED AT IBM-37 AT 1225. COLLECTED SAMPLE AT 1232. TOOK READINGS FOR CH_4 AND VOCS. OFFSITE AT 1245.

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APPENDIX B.16

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

DATE: 3-10-07 TECHNICIAN: STEVEN CRAWFORD WEATHER: SUNNY

LFG INSTRUMENT – MODEL NO.: GA-90 PID/FID INSTRUMENT – MODEL NO.: TVA-1000 B-B1040

LFG INSTRUMENT – SERIAL NO.: G1549 PID/FID INSTRUMENT – SERIAL NO.: 062318660

AMBIENT AIR TEMPERATURE @ START: 78.7 °F AMBIENT BAROMETRIC PRESSURE @ START: 29.93 in Hg

AMBIENT AIR TEMPERATURE @ END: 82.4 °F AMBIENT BAROMETRIC PRESSURE @ END: 29.97 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				
	3-10-07 Start	3-11-07 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	1427	1327	0%	.72	0%	.65	0%	.91	0%	.78	29.3	7.8	YES
IBM-28	1440	1340	0%	.58	0%	.32	0%	.54	0%	.41	29.3	8.1	YES
IBM-32	1455	1355	0%	.86	0%	.21	0%	34.56	0%	16.83	29.3	9.3	YES
IBM-37													
IBM-41													
IBM-50	1410	1310	0%	1.16	0%	.34	0%	1.58	0%	.78	29.3	7.2	YES
AMBIENT AIR MONITORING LOCATIONS													
IBM-24	1430	1330	0%	.69	0%	.46	NA	NA	NA	NA	29.3	8.8	N/A
IBM-49	1508	1408	0%	.35	0%	.28	NA	NA	NA	NA	29.3	7.4	N/A
* NOTES: IBM-50 DUPLICATE 1410 1310											29.3	9.2	YES
* IBM-49 DUPLICATE 1508 1408											29.3	6.7	N/A

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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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TABLE W.1
INSTRUMENT CALIBRATION CHECKLIST

DATE	INSTRUMENT	SERIAL NO.	CALIBRATION GAS USED	FINAL CALIBRATION READING	BATTERY CHECK	CALIBRATED BY
3-10-07	GA-90	G 1549	LANDTEC GAS 50% CH4 35% CO2	50.0 %	OK	SC
3-10-07	TVA-1000	062318660	ISOBUTYLENE (100 PPM)	100 PPM	OK	SC
3-11-07	GA-90	G1549	LANDTEC GAS 50% CH4 35% CO2	50.0 %	OK	SC
3-11-07	TVA-1000	062318660	ISOBUTYLENE (100 PPM)	100 PPM	OK	SC

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DAILY FIELD REPORT

JOB NAME: WDI	PROJECT NUMBER: 29-0316-01	DATE: 3-10-07
LOCATION: IBM-24B, IBM-28, IBM-32, IBM-50, IBM-24, AND IBM-49.	WEATHER: SUNNY	DAY: SATURDAY
CONTRACTOR: TRC	FOREMAN: TOM DEEN	
FIELD TECHNICIAN: STEVEN CRAWFORD	INSPECTION/TESTING OF: SAMPLE COLLECTION AT IBM-24B, IBM-28, IBM-32, IBM-50, IBM-24, AND IBM-49.	

SUMMARY OF OPERATIONS:

ARRIVED ON-SITE AT 1300. CALIBRATED INSTRUMENTS. ARRIVED AT IBM-50 AT 1400. SET SAMPLE UP AT 1410. TOOK READINGS FOR CH_4 AND VOCS. OFFSITE AT 1420. ON-SITE AT IBM-24B AT 1423. SET SAMPLE AT 1427. ALSO, SET SAMPLE AT IBM-24 AT 1430. TOOK READING FOR CH_4 AND VOCS AT IBM-24 AND IBM-24B. OFFSITE AT 1436. ON-SITE AT IBM-28 AT 1438. SET SAMPLE AT 1440. TOOK READINGS FOR CH_4 AND VOCS. OFFSITE AT 1450. ON-SITE AT IBM-32 AT 1452. SET SAMPLE UP AT 1455. TOOK READINGS FOR CH_4 AND VOCS. OFFSITE AT 1503. ON-SITE AT IBM-49 AT 1505. SET SAMPLE UP AT 1508. TOOK READINGS FOR CH_4 AND VOCS. OFFSITE AT 1530.

TRC Alton Geoscience

DAILY FIELD REPORT

JOB NAME: WDI	PROJECT NUMBER: 29-0316-01	DATE: 3-11-07
LOCATION: IBM-24B, IBM-28, IBM-32, IBM-50, IBM-24, AND IBM-49	WEATHER: SUNNY	DAY: SUNDAY
CONTRACTOR: TRC	FOREMAN: TOM DEEN	
FIELD TECHNICIAN: STEVEN CRAWFORD	INSPECTION/TESTING OF: SAMPLE COLLECTION OF IBM-24B, IBM-28, IBM-32, IBM-50, IBM-24, AND IBM-49.	

SUMMARY OF OPERATIONS: ARRIVED ON-SITE AT 1215. CALIBRATED INSTRUMENTS. ARRIVED ON-SITE AT IBM-50 AT 1300. COLLECTED SAMPLE AT 1310. TOOK READINGS FOR CH_4 AND VOCS. OFFSITE AT 1320. ON-SITE AT IBM-24B AT 1323. COLLECTED SAMPLE AT 1327. ALSO, COLLECTED SAMPLE AT IBM-24 AT 1330. TOOK READINGS FOR CH_4 AND VOCS FOR IBM-24B AND IBM-24. OFFSITE AT 1333. ON-SITE AT IBM-28 AT 1335. COLLECTED SAMPLE AT 1340. TOOK READINGS FOR CH_4 AND VOCS. OFFSITE AT 1347. ON-SITE AT IBM-32 AT 1350. COLLECTED SAMPLE AT 1355. TOOK READINGS FOR CH_4 AND VOCS. OFFSITE AT 1402. ON-SITE AT IBM-49 AT 1405. COLLECTED SAMPLE AT 1408. TOOK READINGS FOR CH_4 AND VOCS. OFFSITE AT 1430.

TRC Alton Geoscience

APPENDIX B.16

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

DATE: 3/14/07 TECHNICIAN: STEVEN CRAWFORD WEATHER: SUNNY

LFG INSTRUMENT – MODEL NO.: GA-90 PID/FID INSTRUMENT – MODEL NO.: TVA-1000B 81040

LFG INSTRUMENT – SERIAL NO.: G 1549 PID/FID INSTRUMENT – SERIAL NO.: 062318660

AMBIENT AIR TEMPERATURE @ START: 84.6 °F AMBIENT BAROMETRIC PRESSURE @ START: 29.99 in Hg

AMBIENT AIR TEMPERATURE @ END: 78.8 °F AMBIENT BAROMETRIC PRESSURE @ END: 30.04 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				
	3-14-07 Start	3-15-07 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	1351	1255	0%	0.21	0%	0.32	0%	3.43	0%	2.68	29.4	6.2	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:

* SOMETHING WAS PAINTED BEFORE SAMPLE WAS SET.

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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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Customer-Focused Solutions

DAILY FIELD REPORT

JOB NAME: WDI	PROJECT NUMBER: 29-0316-01	DATE: 3-14-07
LOCATION: IBM-21	WEATHER: SUNNY	DAY: WEDNESDAY
CONTRACTOR: TRC	FOREMAN: TOM DEEN	
FIELD TECHNICIAN: STEVEN CRAWFORD	INSPECTION/TESTING OF: SAMPLE COLLECTION OF IBM-21.	

SUMMARY OF OPERATIONS: ARRIVED ON-SITE AT 1300. INSTRUMENTS ALREADY CALIBRATED FROM THIS MORNING. TOOK READINGS FOR CH_4 AND VOCS. SET SUMMA CANISTER IN IBM-21 AT 1351. OFF-SITE AT 1400.

TRC Alton Geoscience

DAILY FIELD REPORT

JOB NAME: WOI	PROJECT NUMBER: 29-0316-01	DATE: 3-15-07
LOCATION: IBM-21	WEATHER: SUNNY	DAY: THURSDAY
CONTRACTOR: TRC	FOREMAN: TOM DEEN	
FIELD TECHNICIAN: STEVEN CRAWFORD	INSPECTION/TESTING OF: COLLECTION OF SAMPLE AT IBM-21.	

SUMMARY OF OPERATIONS: ARRIVED ON-SITE AT 1230. INSTRUMENTS ALREADY CALIBRATED FROM THIS MORNING. COLLECTED SAMPLE AT 1255. TOOK READINGS FOR CH4 AND VOCS. OFF-SITE AT 1300.

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APPENDIX B.16

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

DATE: 3/24/07 TECHNICIAN: STEVEN CRAWFORD WEATHER: OVERCAST

LFG INSTRUMENT – MODEL NO.: GA-90 PID/FID INSTRUMENT – MODEL NO.: TVA-1000B 81040

LFG INSTRUMENT – SERIAL NO.: G 1549 PID/FID INSTRUMENT – SERIAL NO.: 062318660

AMBIENT AIR TEMPERATURE @ START: 64.8 °F AMBIENT BAROMETRIC PRESSURE @ START: 30.08 in Hg

AMBIENT AIR TEMPERATURE @ END: 63.4 °F AMBIENT BAROMETRIC PRESSURE @ END: 30.11 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				
	3-24-07 Start	3-25-07 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	1014	910	0%	1.62	0%	1.43	0%	1.89	0%	1.34	29.8	6.4	YES
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:

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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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DAILY FIELD REPORT

JOB NAME: WOI	PROJECT NUMBER: 29-0316-01	DATE: 3-24-07
LOCATION: IBM-03B	WEATHER: OVERCAST	DAY: SATURDAY
CONTRACTOR: TRC	FOREMAN: TOM DEEN	
FIELD TECHNICIAN: STEVEN CRAWFORD	INSPECTION/TESTING OF: SAMPLING OF IBM-03B.	

SUMMARY OF OPERATIONS: ARRIVED ON-SITE AT 900. CALIBRATED INSTRUMENTS TO BE USED. SET SUMMA CANISTER UP FOR SAMPLE. TOOK READINGS WITH INSTRUMENTS. BEGAN SAMPLING AT 1014. OFF-SITE AT 1030.

TRC Alton Geoscience

DAILY FIELD REPORT

JOB NAME: WDI	PROJECT NUMBER: 29-0316-01	DATE: 3-25-07
LOCATION: IBM-03B	WEATHER: OVERCAST	DAY: SUNDAY
CONTRACTOR: TRC	FOREMAN: TOM ØSEN	
FIELD TECHNICIAN: STEVEN CRAWFORD	INSPECTION/TESTING OF: COLLECTION OF SAMPLE AT IBM-03B	

SUMMARY OF OPERATIONS: ARRIVED ON-SITE AT 800. CALIBRATED INSTRUMENTS. TOOK READINGS FOR CH_4 AND VOCS. COLLECTED SAMPLE AT 910. OFF-SITE AT 930.

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TABLE W.1
INSTRUMENT CALIBRATION CHECKLIST

DATE	INSTRUMENT	SERIAL NO.	CALIBRATION GAS USED	FINAL CALIBRATION READING	BATTERY CHECK	CALIBRATED BY
3-24-07	GA-90	G1549	LANDTEC GAS	50.0 %	OK	SC
3-24-07	TVA-1000	062318660	ISOBUTYLENE (100 PPM)	(100 PPM)	OK	SC
3-25-07	GA-90	G1549	LANDTEC GAS 50% CH4 35% CO2	50.0 %	OK	SC
3-25-07	TVA-1000	062318660	ISOBUTYLENE (100 PPM)	(100 PPM)	OK	SC

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