

Thermal Monitoring Ground Temperature Annual Maintenance Report

Contractor Name: AECOM	Inspection Date: 15-Aug-08
Prepared By: Darrin Johnson	

Thermistor Information

Site Name:	CAM-4	Thermistor Location	Upper Site Landfill
Thermistor Number:	VT01	Inclination	Vertical
Install Date:	28-Sep-06	First Date Event	27-Aug-07 Last Date Event 15-Aug-08
Coordinates and Elevation	N	E	Elev 304.43
Length of Cable (m)	7.7	Cable Lead Above Ground (m)	1.2 Nodal Points 13
Datalogger Serial #	111071	Cable Serial Number	1615

Code CAM-4VT01

Thermistor Inspection

	Good	Needs Maintenance
Casing	☒	☐
Cover	☒	☐
Data Logger	☒	☐
Cable	☒	☐
Beads	☒	☐
Battery Installation Date	Batteries not replaced in 2008.	
Battery Levels	Main 11.34 V	Aux 12.29 V

Manual Ground Temperature Readings

Bead	ohms	Temp. (°C)
1		10.1
2		12.5
3		5.6
4		4.8
5		4.5
6		3.3
7		-0.2
8		-2.4

Bead	ohms	Temp. (°C)
9		-3.9
10		-5.2
11		-6.4
12		-5.9
13		-4.9

Observations and Proposed Maintenance

Lock lubricated.

Thermal Monitoring Ground Temperature Annual Maintenance Report

Contractor Name: AECOM	Inspection Date: 15-Aug-08
Prepared By: Darrin Johnson	

Thermistor Information

Site Name:	CAM-4	Thermistor Location	Upper Site Landfill
Thermistor Number:	VT02	Inclination	Vertical
Install Date:	28-Sep-06	First Date Event	27-Aug-07 Last Date Event 15-Aug-08
Coordinates and Elevation	N	E	Elev 306.71
Length of Cable (m)	6.7	Cable Lead Above Ground (m)	1.2 Nodal Points 11
Datalogger Serial #	2020175	Cable Serial Number	1617

Code CAM-4VT02

Thermistor Inspection

	Good	Needs Maintenance
Casing	☒	☐
Cover	☒	☐
Data Logger	☒	☐
Cable	☒	☐
Beads	☒	☐
Battery Installation Date	Batteries not replaced in 2008.	
Battery Levels	Main 11.34 V	Aux 12.77 V

Manual Ground Temperature Readings

Bead	ohms	Temp. (°C)
1		11.2
2		8.9
3		5.3
4		4.0
5		1.4
6		-0.9
7		-2.6
8		-3.7

Bead	ohms	Temp. (°C)
9		-4.8
10		-6.2
11		-7.6

Observations and Proposed Maintenance

Lock lubricated.

Thermal Monitoring Ground Temperature Annual Maintenance Report

Contractor Name: AECOM	Inspection Date: 15-Aug-08
Prepared By: Darrin Johnson	

Thermistor Information

Site Name: CAM-4	Thermistor Location: Upper Site Landfill	
Thermistor Number: VT03	Inclination: Vertical	
Install Date: 28-Sep-06	First Date Event: 27-Aug-06	Last Date Event: 15-Aug-08
Coordinates and Elevation: N	E	Elev: 310.09
Length of Cable (m): 7.2	Cable Lead Above Ground (m): 1.2	Nodal Points: 12
Datalogger Serial #: 111126	Cable Serial Number: 1618	

Code CAM-4VT03

Thermistor Inspection

	Good	Needs Maintenance
Casing	☒	☐
Cover	☒	☐
Data Logger	☒	☐
Cable	☒	☐
Beads	☒	☐
Battery Installation Date	Batteries not replaced in 2008.	
Battery Levels	Main 11.34 V	Aux 13.5 V

Manual Ground Temperature Readings

Bead	ohms	Temp. (°C)
1		14.2
2		9.2
3		4.1
4		2.3
5		0.0
6		-1.5
7		-2.8
8		-4.2

Bead	ohms	Temp. (°C)
9		-5.3
10		-6.7
11		-7.6
12		-8.2

Observations and Proposed Maintenance

Lock lubricated.

Thermal Monitoring Ground Temperature Annual Maintenance Report

Contractor Name: AECOM	Inspection Date: 15-Aug-08
Prepared By: Darrin Johnson	

Thermistor Information

Site Name:	CAM-4	Thermistor Location	Upper Site Landfill
Thermistor Number:	VT04	Inclination	Vertical
Install Date:	26-Sep-06	First Date Event	27-Aug-07
Coordinates and Elevation	N	E	Elev
Length of Cable (m)	6.2	Cable Lead Above Ground (m)	1.2
Datalogger Serial #	207046	Nodal Points	10
		Cable Serial Number	1619

Code CAM-4VT04

Thermistor Inspection

	Good	Needs Maintenance
Casing	☒	☐
Cover	☒	☐
Data Logger	☒	☐
Cable	☒	☐
Beads	☒	☐
Battery Installation Date	Batteries not replaced in 2008.	
Battery Levels	Main	Aux
	11.34 V	13.63 V

Manual Ground Temperature Readings

Bead	ohms	Temp. (°C)
1		13.7
2		9.6
3		5.0
4		3.4
5		1.2
6		-1.1
7		-2.5
8		-4.0

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Observations and Proposed Maintenance

Lock lubricated.