

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	Lower Site Landfill
Thermistor Number:	VT09	Inclination	Vertical
Install Date:	29-Sep-06	First Date Event	27-Aug-07 Last Date Event 15-Aug-08
Coordinates and Elevation	N	E	Elev 125.769
Length of Cable (m)	6.2	Cable Lead Above Ground (m)	1.2 Nodal Points 10
Datalogger Serial #	2020165	Cable Serial Number	1623

Code CAM-4VT09

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		16.0
2		13.2
3		6.1
4		4.5
5		2.0
6		-0.6
7		-1.9
8		-3.2

Bead	ohms	Temp. (°C)
9		-4.4
10		-5.4

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	Lower Site Landfill
Thermistor Number:	VT10	Inclination	Vertical
Install Date:	29-Sep-06	First Date Event	27-Aug-07 Last Date Event 15-Aug-08
Coordinates and Elevation	N	E	Elev 129.924
Length of Cable (m)	6.2	Cable Lead Above Ground (m)	1.2 Nodal Points 10
Datalogger Serial #	108060	Cable Serial Number	1625

Code CAM-4VT10

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 12.53 V

Manual Ground Temperature Readings

Bead	ohms	Temp. (°C)
1		14.0
2		7.4
3		4.2
4		2.6
5		1.9
6		-0.1
7		-1.5
8		-2.8

Bead	ohms	Temp. (°C)
9		-4.5
10		-5.2

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	Lower Site Landfill
Thermistor Number:	VT11	Inclination	Vertical
Install Date:	29-Sep-06	First Date Event	27-Aug-07 Last Date Event 15-Aug-08
Coordinates and Elevation	N	E	Elev 131.86
Length of Cable (m)	6.2	Cable Lead Above Ground (m)	1.2 Nodal Points 10
Datalogger Serial #	111070	Cable Serial Number	1621

Code CAM-4VT11

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 13.63 V

Manual Ground Temperature Readings

Bead	ohms	Temp. (°C)
1		14.9
2		7.4
3		5.8
4		4.5
5		1.8
6		-0.5
7		-2.1
8		-3.2

Bead	ohms	Temp. (°C)
9		-4.1
10		-2.8

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	Lower Site Landfill
Thermistor Number:	VT12	Inclination	Vertical
Install Date:	29-Sep-06	First Date Event	27-Aug-07 Last Date Event 15-Aug-08
Coordinates and Elevation	N	E	Elev 131.966
Length of Cable (m)	6.7	Cable Lead Above Ground (m)	1.2 Nodal Points 11
Datalogger Serial #	2020150	Cable Serial Number	1626

Code CAM-4VT12

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 13.38 V

Manual Ground Temperature Readings

Bead	ohms	Temp. (°C)
1		15.8
2		10.5
3		6.7
4		5.3
5		3.0
6		0.0
7		-1.4
8		-2.6

Bead	ohms	Temp. (°C)
9		-4.1
10		-5.4
11		-5.4

Observations and Proposed Maintenance

Lock lubricated.