Thermal Monitoring
Ground Temperature Annual Maintenance Report

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

Thermistor Information

Site Name:	**CAM-4**		Thermistor Location	**Tier II Disposal Facility**			
Thermistor Number:	**VT05**		Inclination	**Vertical**			
Install Date:	**13-Aug-06**		First Date Event	**27-Aug-07**	Last Date Event	**15-Aug-08**	
Coordinates and Elevation	N		E		Elev	**320.975**	
Length of Cable (m)	**7.7**	Cable Lead Above Ground (m)	**1.2**	Nodal Points	**13**		
Datalogger Serial #	**111092**			Cable Serial Number		**1616**	

Code CAM-4VT05

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 **13.14 V**

Manual Ground Temperature Readings

Bead	ohms	Temp. (ºC)
1		**8.4**
2		**10.9**
3		**3.4**
4		**1.4**
5		**-0.5**
6		**-2.3**
7		**-3.4**
8		**-4.4**

Bead	ohms	Temp. (ºC)
9		**-5.5**
10		**-6.4**
11		**-7.1**
12		**-7.9**
13		**-8.0**

Observations and Proposed Maintenance

Lock lubricated.

Thermal Monitoring
Ground Temperature Annual Maintenance Report

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

Thermistor Information

Site Name:	**CAM-4**	Thermistor Location	**Tier II Disposal Facility**		
Thermistor Number:	**VT06**	Inclination	**Vertical**		
Install Date:	**13-Aug-06**	First Date Event	**27-Aug-07**	Last Date Event	**15-Aug-08**
Coordinates and Elevation	N		E	Elev	**319.3**
Length of Cable (m)	**6.2**	Cable Lead Above Ground (m)	**1.2**	Nodal Points	**10**
Datalogger Serial #	**111102**			Cable Serial Number	**1620**

Code CAM-4VT06

Thermistor Inspection

	Good	Needs Maintenance
Casing	☑	☐
Cover	☑	☐
Data Logger	☑	☐
Cable	☑	☐
Beads	☑	☐

Battery Installation Date: **Batteries not replaced in 2008.**

Battery Levels: Main **11.43 V** Aux **13.02 V**

Manual Ground Temperature Readings

Bead	ohms	Temp. (ºC)
1		**9.9**
2		**9.4**
3		**4.9**
4		**3.1**
5		**0.2**
6		**-1.5**
7		**-3.0**
8		**-4.3**

Bead	ohms	Temp. (ºC)
9		**-5.4**
10		**-5.6**

Observations and Proposed Maintenance

Lock lubricated.

Thermal Monitoring
Ground Temperature Annual Maintenance Report

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

Thermistor Information

Site Name:	**CAM-4**		Thermistor Location	**Tier II Disposal Facility**			
Thermistor Number:	**VT07**		Inclination	**Vertical**			
Install Date:	**13-Aug-06**		First Date Event	**27-Aug-07**	Last Date Event		**15-Aug-08**
Coordinates and Elevation	N		E		Elev		**317.825**
Length of Cable (m)	**9.45**	Cable Lead Above Ground (m)	**1.5**	Nodal Points	**16**		
Datalogger Serial #	**209067**			Cable Serial Number			**1624**

Code CAM-4VT07

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 **13.14 V**

Manual Ground Temperature Readings

Bead	ohms	Temp. (ºC)
1		**4.6**
2		**2.4**
3		**-0.4**
4		**-2.0**
5		**-3.3**
6		**-4.5**
7		**-5.5**
8		**-6.5**

Bead	ohms	Temp. (ºC)
9		**-7.4**
10		**-8.1**
11		**-8.7**
12		**-9.3**
13		**-9.7**
14		**-10.0**
15		**-9.8**
16		**-9.4**

Observations and Proposed Maintenance

Lock lubricated.

Thermal Monitoring
Ground Temperature Annual Maintenance Report

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

Thermistor Information

Site Name:	**CAM-4**	Thermistor Location	**Tier II Disposal Facility**		
Thermistor Number:	**VT08**	Inclination	**Vertical**		
Install Date:	**13-Aug-06**	First Date Event	**27-Aug-07**	Last Date Event	**15-Aug-08**
Coordinates and Elevation	N		E	Elev	**319.18**
Length of Cable (m)	**6.2**	Cable Lead Above Ground (m)	**1.2**	Nodal Points	**10**
Datalogger Serial #	**108038**			Cable Serial Number	**1622**

Code CAM-4VT08

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 **13.02 V**

Manual Ground Temperature Readings

Bead	ohms	Temp. (ºC)
1		**11.3**
2		**9.4**
3		**4.9**
4		**3.2**
5		**0.2**
6		**-1.8**
7		**-3.6**
8		**-4.8**

Bead	ohms	Temp. (ºC)
9		**-5.7**
10		**-6.6**

Observations and Proposed Maintenance

Lock lubricated.