

T2-28 (104-0032) 548436 7618807

- Looking S along toe of west slope
along old partially infilled crack
- crack passes between gloves and ends at backpack

T2-29 (104-0033) 548435 7618796

Close-up of crack between gloves

T2-30 (104-0034) 548431 7618765

Looking E along toe from SW corner

- old cracks runs between gloves and ends at backpack 548446 7618758
- all other cracks completely infilled or not observed

Completed visual inspection of Non Haz LF before heading in for lunch and to warm up

- conditions essentially unchanged from last year
- previously observed fine cracks on the North and West sides could not be observed → likely infilled in places

- cracks observed on the South and East Slopes, similar to last year

- crack also observed along crest of East slope extending all the way to NE corner

Infilled around corner and then faintly visible along North crest for about 20m, mostly infilled

Non Haz 1 (104-0035, 0036) 548750 7618495

Looking SW towards NE corner of landfill

NH 2 (104-0037) 548741 7618483

Looking west along the toe of the north side from NE corner

NH 3 (104-0038) 548738 7618473

Looking W along crest from NE corner

NH 4 (104-0039) 548672 7618474

Looking S along west side of LF from 10m NW of NW corner

NH 5 (104-0040) 548690 7618464

Looking S along crest from NW corner
- fine cracks that were observed last year
cannot be seen

NH 6 (104-0041, 0042) 548674 7618384

Panoramic looking NE from adjacent to NW-8
looking to SW corner of landfill

NH 7 (104-0043) 548689 7618397

Looking ENE along toe of south slope from
SW corner of landfill. Back located next
to old infilled crack

NH 8 (104-0044) 548696 7618411

Looking ENE along crest from SW top of
landfill

Going Back to take some photos of
old cracks that I noted on second walkover

NH 9 (104-0045) 548683 7618448

Close-up of crack from last year, partially
infilled with no sign of recent movement (gloves and
pan for scale)
Start 548683 end 548691
7618451 7618420 Splays and offset by
up to 1m. Always fine

NH 10 (104-0046) 548682 7618432

Close-up Portion of lower crack along west toe
(looking) that was observed last year. Most has been
infilled and cannot be seen

NH 11 (104-0047) 548705 7618404

Looking ENE along slope along old, partially
infilled crack (between gloves)

Start 548697 End → NE corner
7618403

The same crack continues as up to 3
parallel fine sets all the way around the
SE corner to the NE corner

Detailed inspection suggest no movement since
last inspection. I am very pressed for
time and weather is rapidly degrading
so I will just take a few representative
photos of this crack "system"

NH 12 (104-0048) 548718 7618408

Looking ENE at parallel cracks (old)

NH13 (104-0049) 548733 7618411
 Looking ENE at parallel cracks (old)
 approaching SE corner
 - area of minor erosion visible in background

NH14 (104-0050) 548743 7618418
 Closeup Crack becomes narrower at SE corner

NH15 (104-0051) 548756 7618406
 Looking N along East toe from SE corner

NH16 (104-0052) 548744 7618421
 Looking N along crest from SE corner

NH17 (104-0053) 548744 7618432
 Minor crack along crest (old) looking N

NH18 (104-0054) 548743 7618444
 Crack along east crest looking N
 - similar to last year. Gloves on either side of crack

WIND GETTING VERY STRONG

NH19 (104-0055) 548736 7618456
 Following crack on crest. Looking N
 Approaching NE corner

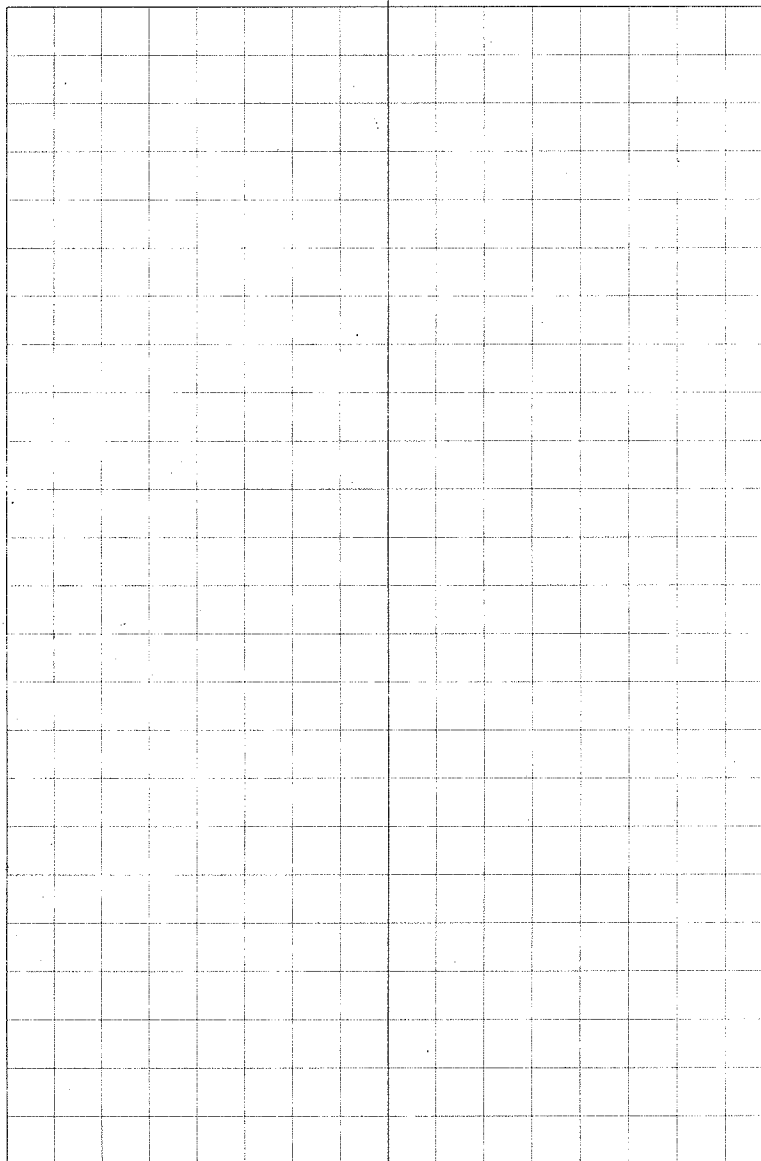
NH20 (104-0056) 548734 7618470
 Following crest crack to NE corner
 Crack largely infilled as it rounds corner. Faintly visible for about 30m west along North crest

NH21 (104-0057) 548726 7618474
 Representative picture of crack as it rounds corner and turns west
 Gloves for scale on either side of infilled crack

NH22 (104-0058) 548748 7618438
 Representative crack along east slope
 Looking N

NH23 (104-0059) 548746 7618465
 Following crack on east slope looking N
 Crack ends 548743 7618471

NH24 (104-0060,0061) 548745 768423
Looking NW from SE corner scanning
L to R. Note approaching snow!



12
Aug 19

MW-3 water collected

CZ-MW-3 2x 1L AG

2x VOC

1x 250mL Plastic

Photo 10 - MW-3

Soil collected

CZ-MW-3A Surface

CZ-MW-3B Depth

Photo 11 - test pit

MW-4 water collected

CZ-MW-4 4x 1L AG

2x VOC

1x 250mL P

Photo 12 - MW-4

Soil collected

CZ-MW-4A Surface

CZ-MW-4B Depth

Photo 13 - Test pit

13

Aug 19

Non-Haz
MW-5 water

CZ-MW-5 4x 1L AG

2x VOC

1x 250-P

Photo 14 - MW-5

Soil

CZ-MW-5A } surface

CZ-MW-10A } ← Dup

CZ-MW-5B Depth

Photo 15 - Test pit

MW-6 water

CZ-MW-6 12x 1L AG

CZ-MW-9 Dup 4x VOC

4x 250 P

Photo 16 - MW-6

Soil

CZ-MW-6A Surface

CZ-MW-6B Depth

Photo 17 - Test pit

¹⁴
Aug 19

MW-7 water

CZ-MW-7 4x1L AG

2xVOC vial

1x250mL Plastic

Photo 18-MW-7

Soil

CZ-MW-7A Shallow

CZ-MW-7B Depth

Photo 19-Test pit

MW-8 water

CZ-MW-8 4x1L AG

2xVOC Vial

1x250mL Plastic

Photo 20-MW-8

Soil

CZ-MW-8A Surface

CZ-MW-8B Depth

water table @ 20cm

Photo 21-Test pit

¹⁵

Aug 20

Station Landfill

CZ-1 N 7619113

E 548458

CZ-1A Surface

CZ-1B Depth

Soil-S&G muddy
w/t @ 20cm

Photo 22

CZ-16A Duplicate

CZ-2 N 7619084

E 548487

CZ-2A Surface

CZ-2B Depth

Soil-organic peat @ surface

S&G @ depth w/t @ 20cm

Photo 23

CZ-3 N 7619002

E 548533

CZ-3A Surface

CZ-3B Depth

Soil-S&G w/t @ 40cm

Photo 24

2008 Monitoring Well Sampling Log (MW # 5)

Site name:		CAM-2	
Date of sampling event:		Aug 19	
Names of samplers:		KBS SK	
Monitoring well ID:		MW-5	
Facility:		Non-Haz	
Known Data			
Depth of installation* (m):		3.07	
Length of screened section (m):		1.88	
Depth to top of screen* (m):		0.78	
Measured Data			
Condition of well:	Good	Procedure/Equipment:	Int. Meter.
Procedure/Equipment:	Measuring Tape	Depth to water surface (m):	0.65
Well height above ground (m):	0.30	Depth to bottom (m):	1.47
Diameter of well (m):	0.05	Free product thickness (mm):	-
Calculations			
Depth of water (m):	0.82	Evidence of sludge:	-
Well volume of water (L):	1.66	Evidence of freezing/siltation:	-
Static water level* (m):	0.35		
Length of screen collecting water (m):	0.39		
Development/Purging Information			
Equipment:	Per. Pump, Horizon 5 f/f cell, LDPE Tubing		
Date & Time	Volume Removed (L)	Temperature (°C)	pH
2:45	1.75	2.46	7.00
Conductivity (µS/cm)		Turbidity (NTU)	Description of Water
5600		-	clear colourless
Water Sampling			
Date & Time Collected:	3:00		
Sample Number - Water:	C2-MW-5		
Sample Containers:	4x 1L AG		
	2x VOC		
	1x 100ml Plastic		
Procedure/Equipment:	Per. Pump		
	LDPE Tubing		
Water Description:	clear colourless		
Soil Sampling			
Date and Time Collected:	3:10		
Sample Number - Soil:	C2-MW-5A		
	C2-MW-5B		
	C2-MW-10A Dug		
Sample Containers:	1x 250 Glass		
Procedure/Equipment:	SS Trowel		
Soil Description:	S&G		
Sampling Equipment Decontamination (Y/N):			
Number Washes:	1		
Number Rinses:	1		

n/a=not applicable

*From ground surface. Unless this is stated, all measurements are assumed to be from the top of the casing.



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2008 Monitoring Well Sampling Log (MW # 6)

Site name:		CAM-2	
Date of sampling event:		Aug 19	
Names of samplers:		YKB SK	
Monitoring well ID:		MW-6	
Facility:		Non-Haz	
Known Data			
Depth of installation* (m):		3.70	
Length of screened section (m):		1.88	
Depth to top of screen* (m):		0.76	
Measured Data			
Condition of well:		Good	
Procedure/Equipment:		M. Tape	
Well height above ground (m):		0.35	
Diameter of well (m):		0.05	
Procedure/Equipment:		Int. Meter	
Depth to water surface (m):		0.98	
Depth to bottom (m):		1.60	
Free product thickness (mm):		-	
Calculations			
Depth of water (m):		0.62	
Well volume of water (L):		1.26	
Static water level* (m):		0.63	
Length of screen collecting water (m):		0.44	
Development/Purging Information			
Equipment: Pet. Pump, Horiba w f/e cell, LDPE tubing			
Date & Time	Volume Removed (L)	Temperature (°C)	pH
3:30	1.5	2.59	7.66
Conductivity (µS/cm)		Turbidity (NTU)	
6130		56	
Description of Water			
clear colorless			
Water Sampling			
Date & Time	Volume Collected:	Date and Time Collected:	
3:45	3.45	4:05	
Sample Number - Water:		Sample Number - Soil:	
C2-MW-6		C2-MW-6A	
C2-MW-9 Dp		C2-MW-6B	
Sample Containers:			
4 x 250mL Glass			
Procedure/Equipment:			
SS Trowel			
Water Description:			
clear colorless			
Soil Description:			
organic sand @ surface sand & clay @ depth			
Sampling Equipment Decontamination (Y/N):		Sampling Equipment Decontamination (Y/N):	
Number Washes: 1		Number Washes: 1	
Number Rinses: 1		Number Rinses: 1	

n/a=not applicable

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2008 Monitoring Well Sampling Log (MW # 7)

Site name:		CAM-2	
Date of sampling event:		Aug 19	
Names of samplers:		KB SK	
Monitoring well ID:		MW-7	
Facility:		Non-Hu 2	
Known Data			
Depth of installation* (m):		3.80	
Length of screened section (m):		1.73	
Depth to top of screen* (m):		0.88	
Measured Data			
Condition of well:	Good	Procedure/Equipment:	Int. Meter
Procedure/Equipment:	M. Tape	Depth to water surface (m):	0.77
Well height above ground (m):	0.40	Depth to bottom (m):	1.46
Diameter of well (m):	0.05	Free product thickness (mm):	—
Calculations			
Depth of water (m):	0.69	Evidence of sludge:	—
Well volume of water (L):	1.40	Evidence of freezing/siltation:	—
Static water level* (m):	0.37		
Length of screen collecting water (m):	0.18		
Development/Purging Information			
Equipment:	Per. Pump, Probe w f/t cell, LDPE tubing		
Date & Time	Volume Removed (L)	Temperature (°C)	pH
8:55	1.5	1.80	6.98
Conductivity (µS/cm)		Turbidity (NTU)	Description of Water
1240		41.0	clear colorless
Water Sampling			
Date & Time Collected:	8:10		
Sample Number - Water:	C2-MW-7		
Sample Containers:	4x AL AG		
	2x VOC Vials		
	1x 250mL Plastic		
Procedure/Equipment:	Per. Pump		
	LDPE Tubing		
Water Description:	clear colorless		
Sample Containers:	4x 250mL		
	Glass		
Procedure/Equipment:	SS Trowel		
Soil Description:	clay w some gravel		
Sampling Equipment Decontamination (Y/N):	Y		
Number Washes:	1		
Number Rinses:	1		

n/a=not applicable

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2008 Monitoring Well Sampling Log (MW # 6)

Site name:		CAM-2	
Date of sampling event:		Aug 14	
Names of samplers:		JKB, SK	
Monitoring well ID:		MW-8	
Facility:		Non-Haz	
Known Data			
Depth of installation* (m):		3.70	
Length of screened section (m):		1.88	
Depth to top of screen* (m):		0.67	
Measured Data			
Condition of well:	Good	Procedure/Equipment:	Int. Meter
Procedure/Equipment:	M. Tape	Depth to water surface (m):	0.64
Well height above ground (m):	0.57	Depth to bottom (m):	1.18
Diameter of well (m):	0.05	Free product thickness (mm):	
Calculations			
Depth of water (m):		0.54	
Well volume of water (L):		1.09	
Static water level* (m):		0.07	
Length of screen collecting water (m):		?	
Development/Purging Information			
Equipment:	Per Pump, Horizon w f/e cell, LDPE Tubing		
Date & Time	Volume Removed (L)	Temperature (°C)	pH
5:40	1.25	0.77	6.46
Conductivity (µS/cm)		9320	
Turbidity (NTU)		9.0	
Description of Water		clear colorless	
Water Sampling			
Date & Time Collected:	5:50		
Sample Number - Water:	C2-MW-8		
Sample Containers:	4X 1L AG 2X VOC Vials 1X 250mL Plastic		
Procedure/Equipment:	Per. Pump LDPE Tubing		
Water Description:	clear colorless		
Sample Containers:	4X 250mL Glass		
Procedure/Equipment:	SS + trowel		
Soil Description:	org. peat @ surface clay @ depth w/te @ 10 cm		
Sampling Equipment Decontamination (Y/N):	Y		
Number Washes:	1		
Number Rinses:	1		

n/a=not applicable

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ice chips
flow into
surface on
meter