DISTANCES FROM SIDE STAKES FOR CROSS-SECTIONING
Roadway of any Width. Side Slopes 1½ to 1.

In the figure below: opposite 7 under "Cut or Fill" and under .3 read 11.0, the distance out from the side stake at left. Also, opposite 11 under "Cut or Fill" and under .1 read 16.7, the distance out from the side stake at right

Table 6: Landfill Monitoring at FOX-3, Continued

Item	Work Required	Estimated Number of Samples	Analytes
West Landfill – Lobes A and B DONE	Soil sampling at three monitoring locations	Six surface samples Six depth samples **12 samples total**	**Southern accredited lab:** Inorganic elements (Arctic suite, plus Hg), special-low PCBs and CWS PHC.
Station West Landfill – Lobe A	Soil sampling at five monitoring locations	Ten surface samples Ten depth samples **20 samples total**	**Southern accredited lab:** Inorganic elements (Arctic suite, plus Hg), special-low PCBs and CWS PHC.
Station West Landfill – Lobe E2 DONE	Soil sampling at one monitoring location	Two surface samples Two depth samples **4 samples total**	**Southern accredited lab:** Inorganic elements (Arctic suite, plus Hg), special-low PCBs and CWS PHC.
Station West Landfill – Lobe F DONE	Soil sampling at three monitoring locations	Six surface samples Six depth samples **12 samples total**	**Southern accredited lab:** Inorganic elements (Arctic suite, plus Hg), special-low PCBs and CWS PHC.

35	52.5	52.7	52.8	53.0	53.1	53.3	53.4	53.6	53.7	53.9	35
36	54.0	54.2	54.3	54.5	54.6	54.8	54.9	55.1	55.2	55.4	36
37	55.5	55.7	55.8	56.0	56.1	56.3	56.4	56.6	56.7	56.9	37
38	57.0	57.2	57.3	57.5	57.6	57.8	57.9	58.1	58.2	58.4	38
39	58.5	58.7	58.8	59.0	59.1	59.3	59.4	59.6	59.7	59.9	39
40	60.0	60.2	60.3	60.5	60.6	60.8	60.9	61.1	61.2	61.4	40

Fox-3-mon-DLCU, DAY 1 7/26/12

Weather: Sun + Cloud ~5°C, extreme wind, rain to Freezing rain.

Samplers: Dustin Ellis, Kathryn Eagles, Medic Kevin, Wildlife Monitor Scott + Nasittuq Dave.

Station West Landfill - Lobe A

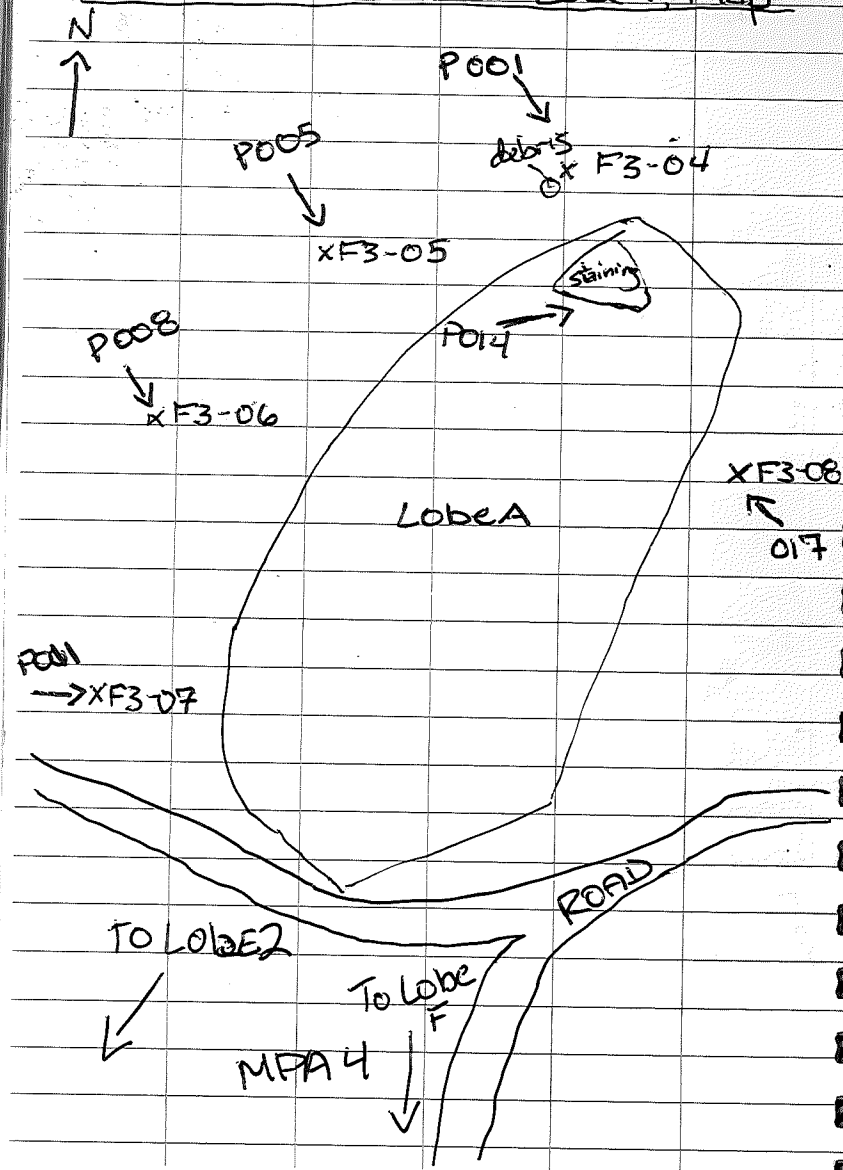
F3-04 → 19320,21 - surface
19322,23 - depth

Sandy light brown soil, Frequent gravel + boulder higher clay content at depth

Photos:
P7260001 - Wide angle, facing SE
002 - Close up, test pit
003 - Close up, Jars + WP
004 - Close up, debris

Notes: Glass + metal debris noted 1 m SW of test pit (pic 004).
* Map on next page *

Station West Landfill - Lobe A, Map



* Not to scale

6

Stn West Landfill - Lobe A, Cont'd

F3-05 → 19324,25 - surface
19326,27 - depth

~60% Veg cover, <5cm thick. Light brown soil, organics, sandy, ~30% gravel + boulder, slightly higher clay content.

Photos:
P7260005: Wide angle, facing SE
006: Close up, test pit
007: Close up, WPs + Jars

F3-06 → 19328,29 - surface
19330,31 - depth

~75% Veg cover, less than 5cm thick, light brown soil, sandy clayey ~30% gravel + boulder.

Photos:
P7260008: Wide angle, facing SE
009: Close up, test pit
010: Close up, WPs + Jars

7

Stn West Landfill - Lobe A, Cont'd

F3-07 → 19332,33 - surface
19334,35 - depth

~50% veg cover, <5cm thick, light brown soil, sandy, ~40% gravel & boulder.

Photos:
P7260011 - Wide angle, Facing E
012 - Close up, test pit
013 - Close up, WPs & Jars

F3-08 → 19336,37 - surface
19338,39 - depth

~10% veg cover, <5cm thick, light brown soil with very light sand at surface

Photos:
P7260017 - Wide angle, Facing NW
~~016 - Close up, test pit~~
~~016~~ 018 - Close up, WPs & Jars

Stn West Landfill - Lobe A, Cont'd

Additional Photos:
P7260014 - Wide angle, Facing NE.
015 - Close up, stain
016 - Close up, ? point source?

Notes: Staining on surface of landfill, bright orange with purple/dark undertones.

STATION WEST LANDFILL - LOBE E2

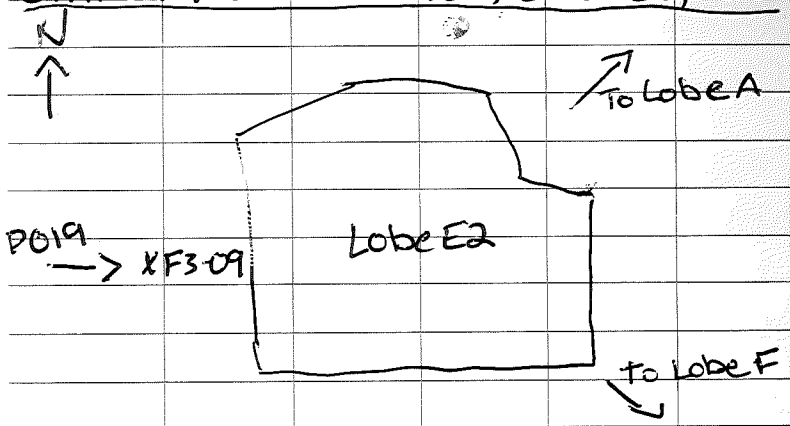
F3-09 → 19340,41 - surface
19342,43 - depth

~70% veg cover, <10cm thick, med. brown soil, moderate clay content, 10% gravel & boulder

Photos:
P7260019 - Wide angle, Facing East
020 - Close up, test pit
021 - Close up, WPs & Jars

* Map on next page *

STATION WEST LANDFILL, LOBE E2, MAP



* Not to scale

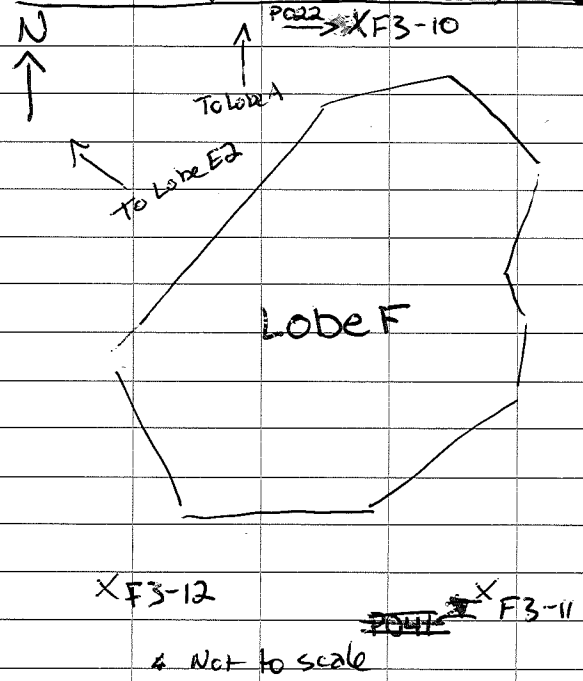
STATION WEST LANDFILL, LOBE F

F3-10: 19344,45 - surface
19346,47 - depth *Additional Jar for QA/QC

~85% veg cover, <5 cm thick, medium brown soil, moderate clay content, ~10% gravel & boulders

Photos:
P7260022 - Wide angle, facing E
023 - Close up, test pit
024 - Close up, WPs & jars

STATION WEST LANDFILL, LOBE F, MAP



* Not to scale

Additional Photos

P7260025 - 033: Wide angles of Contractor camp debris facing NE to SE.
P7260034 - 037: Crate and Quorpak debris, facing NW-W.
P7260038 - Close up of rubbers & screen debris.

Stn West Landfill, Lobe F, cont'd

F3-11 - 19348,49 - surface
19350,51 - depth

~90% Veg cover, <10cm thick. Medium brown soil, sandy, moderate clay content, 20% gravel & boulders.

Photos:
P7260039 - Close up, test pit
040 - Close up, WPs & Jars
~~041 - Wide angle, facing NE~~ * Wide angle Photo did not take

F3-12 - 19352,53 - surface
19354,55 - depth

~20% Veg cover, <5cm thick, in a boulder field, medium brown soil, sandy, moderate clay content, 30% gravel & boulders

Photos:
P7260042 - Wide angle, Facing E
043 - Close up, test pit
044 - Close up, WPs & Jars.

WEST LANDFILL - LOBES A & B

F3-01 - 19356,57 - surface
19358,59 - depth

~ 10% Veg cover, <2cm thick, medium brown soil, sandy, 20% gravel & cobble

Photos:
P7260055 - Wide angle, Facing NE
056 - Close up, test pit
057 - Close up, WPs & Jars

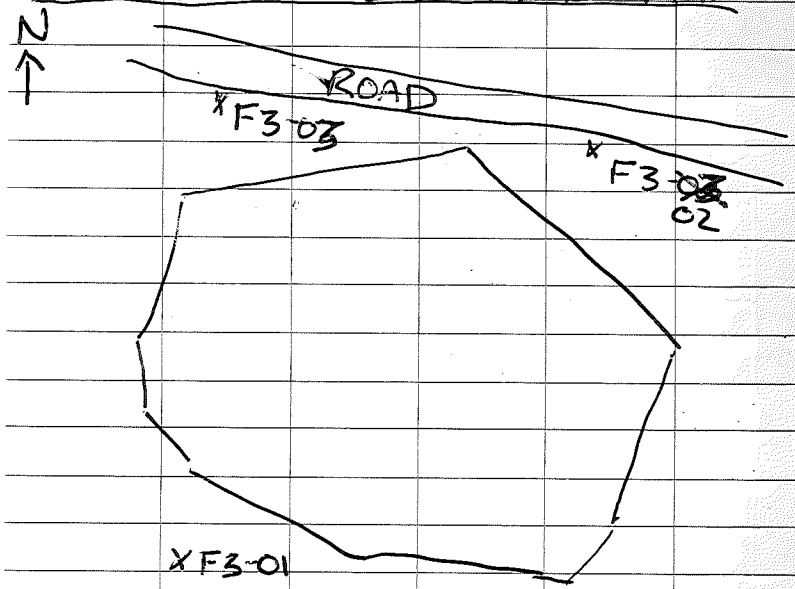
F3-02 - 19360,61 - surface
19362,63 - depth

<5% Veg cover, <5cm thick, medium brown soil, sandy, 40% gravel, trace cobble & boulders

Photos:
P7260058 - Wide angle, facing SW
~~059 - Close up, test pit~~
~~060~~ Close up, WPs, Jars
059

* Map on next page *

WESTLANDFILL - LOBES A & B - MAP



F3-03 - 19364, 65 - surface
19366, 67 - depth

<5% veg cover, <2cm thick, Medium brown soil, very sandy, 10% gravel. Increased cobble & boulder at depth.

Photos:
P7260060 - Wide angle, Facing south
061 - Close up, test pit
068 - Close up, WPs & Jars

Additional Photos - (Biogenic Camp)
P7260044 - Burn pile, facing south
045, 046 - Close up, debris
048 - debris, facing NE
049 - debris, facing SE
050 - debris, facing NE
050 - debris, facing NW
052 - Close up, debris
053 - Close up, debris
054 - debris, facing NW

P7260063 - Thermokarst
064-72 - Thermokarst
073 - Barrels on SE side of Airstrip
074 - Large divit in regrade.

Shipping - Cooler 2012.Fox-3-mon-DUCU-001 (49)
Rubber M 2012.Fox-3-mon-DUCU-002 (48)

Requests - RQ1 → Inorganics (24)
RQ2 → Hg (24)
RQ3 → PCB (24)
RQ4 → CCME (24)
RQ5 → CCME, QA (1)

FOX-3 MON-DLCU, DAY1 8/24/12

Weather: fog, light rain, 5°C

Samplers: Kathryn Eagles, Tom Partridge, Medic Laura, Nasithug Jolly Ed (EBA)

Non-Hazardous Waste Landfill

MW 09-05: 19368, 69 - surface
19370, 71 - depth

Soil is muddy, sandy loam, medium brown w 20% gravel 50% veg cover at surface, 50% boulders & cobble cover

* No H_2O sample due to comprimised well.

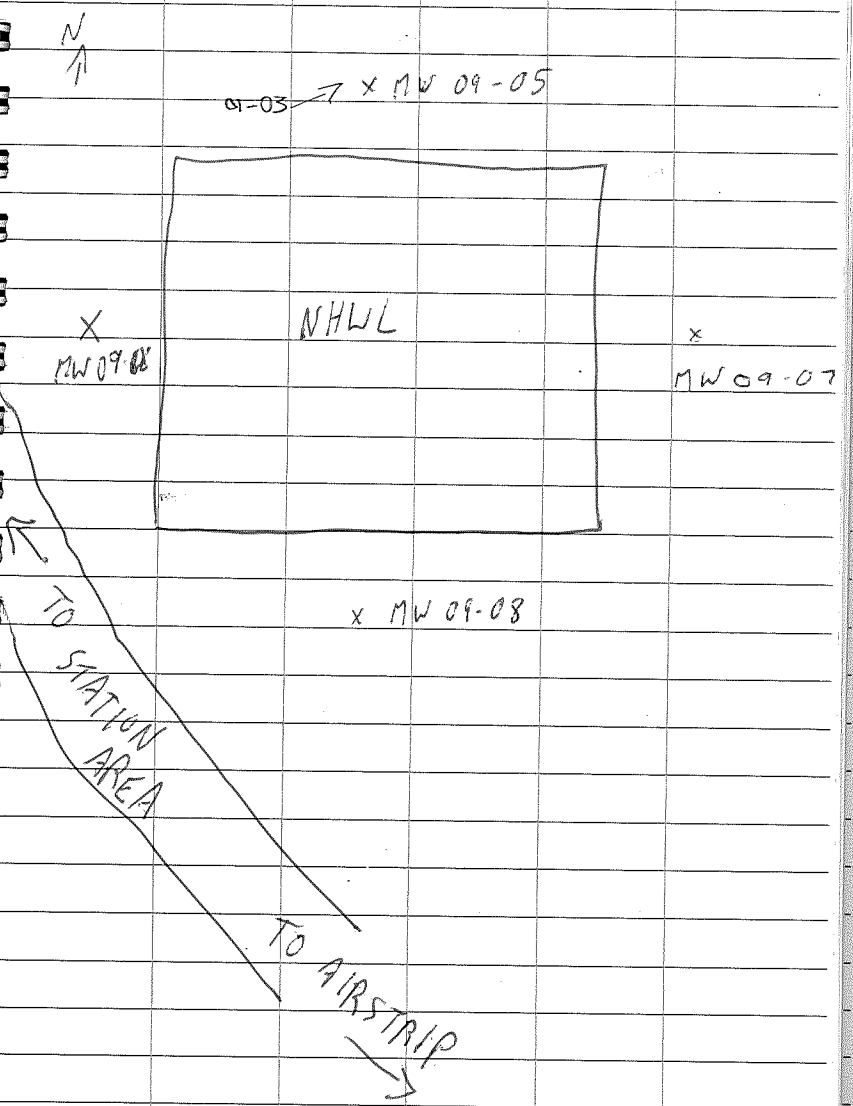
* H_2O Sample collected 26/Aug/12

Photos: 01- Wide angle of well facing E
02- Close up- casing
03- Close up- Frost jack
04- Viewpoint down well
05- Wide angle of samples towards NHWL
06- close-up of samples/depth

~~Notes:~~

16

Non-Hazardous Waste Landfill. Map



17

~~MW 09-06 : 19372,73 - surface~~
~~19374,75 - depth~~

Thules : 101 MW
102 TN 27689
103 TN 36016
104 TN 28441
105 2012 TNs (19368)

MW 09-06

19372,73 - surface
19374,75 - depth
12-50000 - Teflon, 1L Amber, 250mL Amber*
soil is muddy, sandy loam, medium brown w/ 60% gravel 40% veg cover @ surface 20% boulder & cobble cover

— Photos: 07: viewpoint down well
08: wide angle of samples
09: close-up of samples/depth

*HDPE collected 26/Aug/12
Thules 107 MW
108 TN 28444
109 TN 27697
110 TN 36011
111 2012 TNs (19372)
112 SW toe
113 SW top
114 NW top
115 NE top
116 NE toe
117 SE toe
118 SE top

MW-07

19376, 77 - surface
19378, 79 - depth
12-50001 - Teflon, HDPE, 1L Amber, 250mL Amber
Soil is muddy, sandy loam, medium brown, 5% gravel, 60% cobbles/boulders, 50% veg.

Photos: 10: viewpoint down well
11: wide angle of samples
12: close-up of samples/depth
13: water samples

Thales: 119 MW
120 2012 TN
(19376)

20

MW-08

19380, 81 - surface
19382, 83 - depth
12-50002 - Teflon, HDPE, 1L Amber, 250mL Amber
Soil is clayey w/ some sand, 5% gravel, 80% cobbles/boulders, 20% veg.

Photos: 14/15 viewpoint down well
16 close-up of samples
17 close-up of depth
18 wide angle of samples
19 water samples

Thales: 121 MW
122 TN 28952
123 TN 36020
124 2012 TN
(19380)

21

Tier II Disposal Facility

MW 04: 19384, 85 - surface
19386, 87 - depth

12-50003-Teflon x2, HDPE x2, 1L Amber x2, 250mL Amber x1

soil is muddy, clayey, 5% gravel, 70% veg, 40% cobbles/boulders

Photos: 20 viewpoint down well
21 wide angle of samples
22 closeup of samples/depth
23 water samples

Thaks 125 MW
126 TN 28436
127 TN 35995
128 2012 TN (19384)
129 SE toe
130 SE top
131 NE top
* silica sand in well
132 NE toe

MW 01: 19388, 89 - surface
19390, 91 - depth

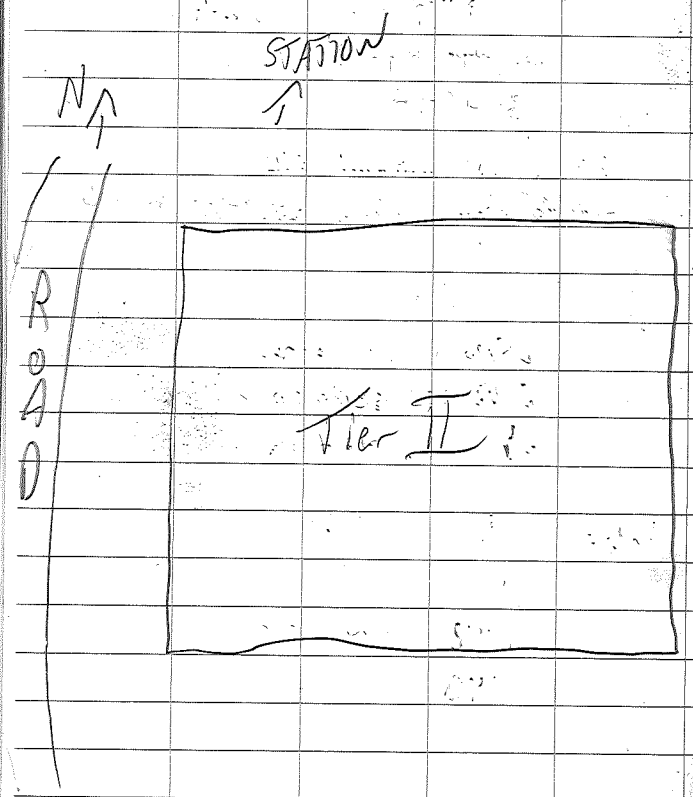
soil is muddy, clayey, 5% gravel, 70% veg, 60% cobbles/boulders

Photos: 24 viewpoint down well
25 wide angle of samples
26 closeup of samples/depth
27 water samples

Thaks: ~~129~~
133 MW
134 TN 35990
135 TN 28424
136 TN 27663
137 2012 TN (19388)
138 NW toe
139 NW top

12-50004-Teflon, HDPE, 1L AG, 250mL AG
12-50005-BLANK (same as above)

Tier II Disposal Facility
~~NNW~~ — Map



19392, 93

MW 02: ~~19388, 89~~ - surface
~~19390, 91~~ - depth
19394, 95

soil is muddy, clay 15% gravel, 50% veg, 60% cobbles/boulders

Photos: 24 viewpt down well
25/26 wide angle of samples
~~27~~/28 closeup of samples/depth
29 - water samples

Thalis
140	MW
141	TN 28925
~~142~~	TN 36005
142	2012 TN (19392)
143	~~#~~ SW toe
144	SW top
145	stain

6
12-5000A - Teflon, HDPE, 1L Amber, 250mL Amber
~~12-5000S - same as above, BLANK~~

19396, 97

MW03: ~~19397, 93~~ - surface
~~19394, 95~~ - depth
19398, 99

~~soil is muddy, clay 50%, gravel 50% veg, 10% cobbles/boulders~~

Soil is: muddy clay, 10%
gravel, 50% veg, 60%
Cobbles/boulders

Photos: 30-32 stain
33 wiewpt down well
34/35 wide angle view of samples
36/37 close-up of samples
38 water samples

Thaks: 146 MW
147 TN 35760
148 TN 28432
149 2012 TN
(19396)

12-50007 - } Teflon, HDPE, 1LAG, 250mLAG
(Fieldcaps
26 12-50008 - }

~~Fox~~-3 Monitoring, DAY 3 8/26/12
Weather: Sun + Cloud ~5°C, wind
Samplers: Tom Partridge, Kathryn Eagles, Medic Laura, ~~Nastug~~ Toby.

Non-Hazardous ~~Waste~~ Landfill

MW09-06 → Additional HDPE collected
No measurements

MW09-05 → Water sample 12-50009
Photos: 62 - HDPE @ 09-06
63 - Close up of 12-50009