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Aug 28
2012

6 PM 8°C
Sunny
Kathryn, Tim, Lauren

NWS US Landfill - MW 13

12-19400-01 surface 2x00
12-19402-03 depth

-mixture of dark/light brown dry
soil (sandy), 80% gravel, 10%
veg, 20% cobbles/boulders

Thales	250	TN	19400
	251	TN	9256
	252	TN	78036
	253	MW-13	

Picture	1	Wide angle samples
	2	Closeup samples/depth
	3	water samples

12-15130 - Teflon, HDPE, ILAG, 3x 40mL vial

US LF MW-14

12-19904-05 surface

12-19906-07 depth

- dark brown soil, muddy
at top, 70% gravel, 80% veg,
30% cobbles/boulders

Thales 214 TN 19904

255 TN 9261

256 MW-14

Picture 4 Wide angle samples
5.6 Closeup samples/depth
~~7~~ water samples

12-15131- 2x Teflon, 2x HDPE, 2x ILAG, \$
3x 40mL vial*

Sample dup'd for interlab comparison.

2 LEVEL

VS LF MW 15

12-19408-09 surface

12-19410-11 depth 3x10

dark soil, fine (sand), dry, 100% veg,
10% gravel, 20% boulders &
cobbles

Thales 257 TN 19408
258 TN 9266
259 MW 15

Picture 8 wide angle samples
9,10 close-up samples/depth
11 water samples

12-15132-Teflon, HDPE, IL AG, 3x40mL Vial

USLF MW 16

12-19412-13 surface

12-19414-15 depth

Sandy medium brown soil, dry, 40%
veg at surface. 10% gravel & 40%
boulder at surface

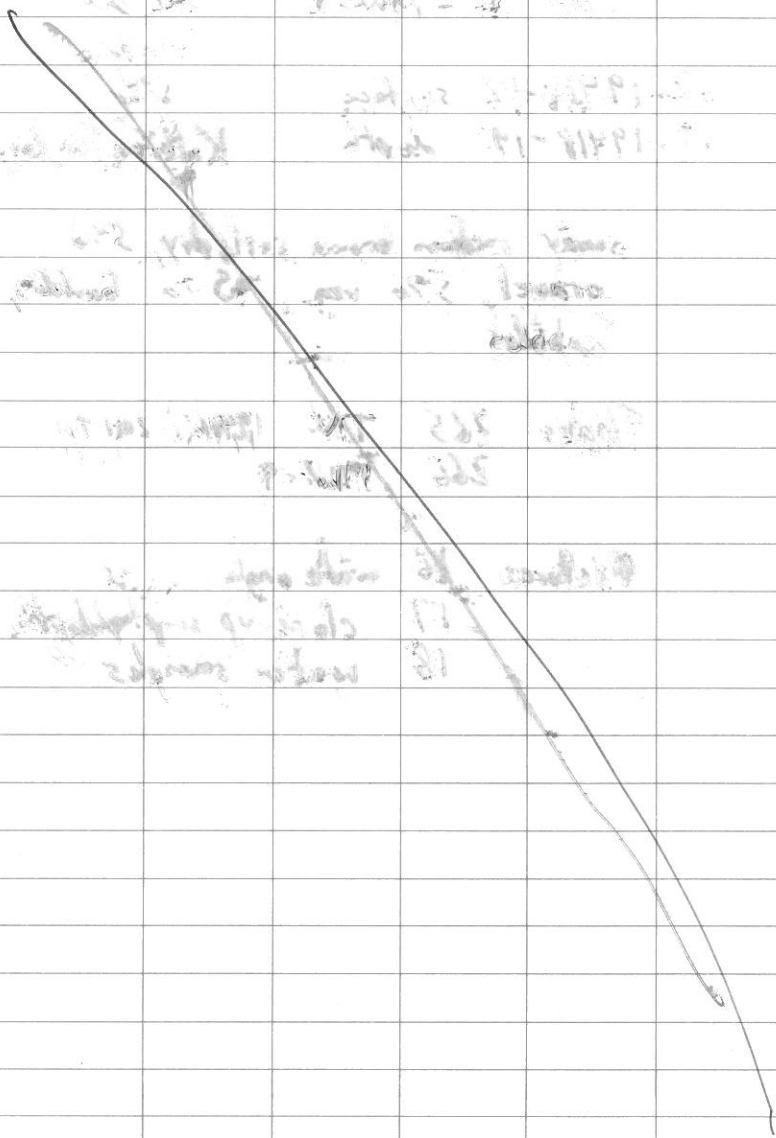
Thales 260 TN 19412

261 TN 9271

~~262~~ MW 16

Pictures 12 Wide angle samples
13, 14 close-up samples/depth
15 water samples

* No H₂O sample collected due
to frozen well.



Tier II - MW-9

Aug 29

Sunny

12-19416-17 surface

5°C

12-19418-19 depth

Kathryn Tan, Laurie

sandy medium brown soil dry, 5%
gravel, 5% veg., 5% boulders,
cobbles

Thales

265

TN

19416 / 2011 TN

266

MW-9

Pictures

16

wide angle samples

17

close up samples/depth

18

water samples

Tier II - MW 10

12-19420-21 surface 20x2

12-19422-23 depth

medium brown dry soil, 60%
vegetation, 5% gravel, 80%
cobbles, & boulders

Thales 267 NW toe

268 NW top

269 SW toe

270 SW top

271 SE toe

272 SE top

273 TN 19420

274 -2011 TN

275 -MW-10

Pictures

19 wide angle samples
20-22 close up sample depth
23 water sample

Tier II - MW-11

12-19424-25 surface

12-19426-27 depth

Medium brown moist soil, 65%
vegetation, 5% gravel, high clay content
40% cobbles + boulders at surface

Thales 276 - TN 19424

277 - TN 19289

278 - MW-11

Pictures 24 - wide angle samples

25 - samples

26 - depths

27 - well (no sample)

Tier II - MW-12

12-19428-29

surface

12-19430-31

depth

30x13

medium brown dry soil,
20% gravel, 50% veg,
50% cobbles & boulders

Thales

279

NE toe

280

NE tp

281

12-19428

282

2011 TN

283

MW-12

Pictures 28

wide angle samples

29-30

close-up samples/depth

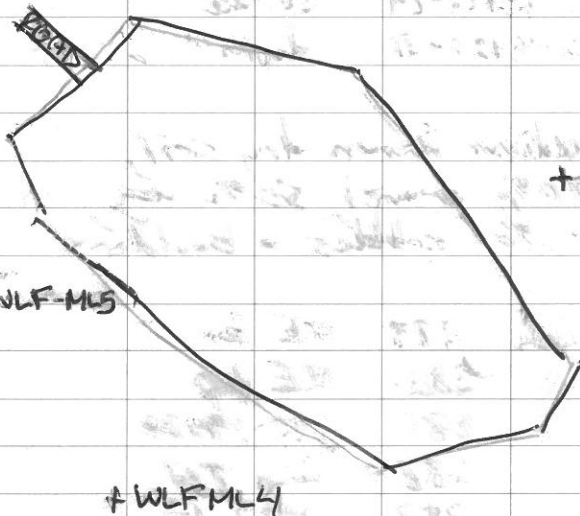
31

MW-12

West Landfill Lobe E MAP

Aug 29, 12

+ WLF ML1



+ WLF ML2

+ WLF ML5

+ WLF ML4

+ WLF ML3

West Landfill Lobe E

WLF-ML1 - 12-19432-33 - surface

12-19434-35 - depth

Coarse dark brown soil, 40% gravel,
Organics to 30cm, 40% gravel + cobbles
at surface. "Earthy" smell.

Thales: 284 → ML1

No other bags found

Pictures: 32 - wide angle facing regrade
33 - Close up samples
34 - Close up TP.

West Landfill ~~Level~~

WLF-ML2 - 12-19436-37 - Surface
12-19438-39 - depth

Medium brown soil, 60% gravel + cobble,
95% cobble at surface. Organics to
30cm

Thales: 285 → ML2

* No other tags found

Pictures: 35 - Wide angle facing regrad
36 - Close up samples
37 - Close up TP

West Land Fill Lobe E

WLF - ML3 - 19440^{dup} - surface
19442-43 - depth

dark brown soil, 20% shale, 10% gravel,
earthy & organic rich at surface.
surrounding area: 80% cobble

Thales: ML3 - ~~286~~ 288

Pickup - 38 - Wind angle Facing regrade
39 - Close up, samples
40 - Close up, TP

West Landfill Lobe E

WLF-ML4-19446-45 surface

19446-47 depth

dark brown soil, 20% shale + cobble,
10% gravel, earthy + organic rich @
surface. water at depth, area
80% cobble @ surface

Thales: ML3 - ~~286~~

~~287~~ - 9147

Pictures 41 - Wide angle Facing regrade

42 - Close up, samples

43 - Close up, TP

West Landfill Lobe E

ML5 - 19448-49 - surface

19450-51 - depth

dark brown soil, shale beneath
surface, 25% boulders &
cobbles, 85% veg., 25%
gravel, earthy, organic soil

Thales: 289

Pictures: 44 wide angle samples
45 close up samples
46 TP

Note: 30 Air Photos taken 31/8/12

Thales	291	TN 19457
	292	2011 TNs
	293	
	294	MW-05

Fox-2-mon-DLCU, DAY 3 30/8/12

Weather: Sun, clouds, Wind, mod,
Approx. 10°C

Samplers: K Eagles, L Barnett, T
Partridge

Non-Hazardous Waste Landfill (NHWL)

MW-05 → 19452, 53 → Surface
19454, 55 → depth

lt brown sandy soil, 40% gravel to
trace cobbles, low clay content,
dry, 90% vegetation at surface.

Photos:

- 47: Wide angle, facing Landfill
- 48: Close up, samples
- 49: Close up, TP
- 50: MW*

* No H₂O collected as well was
frozen at 7.07ft, and no
H₂O could be retrieved.

MW-06

19456, 57 - surface

19458, 59 - depth

~~light brown~~

- dark brown soil w/ shale

5% veg, 80% gravel,

5% cobbles/boulders

Thick 295 SE toe

296 SE top

297 SW top

298 SW toe

299 NW toe

300 NW top

301 TN 19456

302 2011 TN

303 " "

304 MW-06

Pictures: 51 wide angle samples

52, 53 closeup samples/depth

54 water samples

MW-07

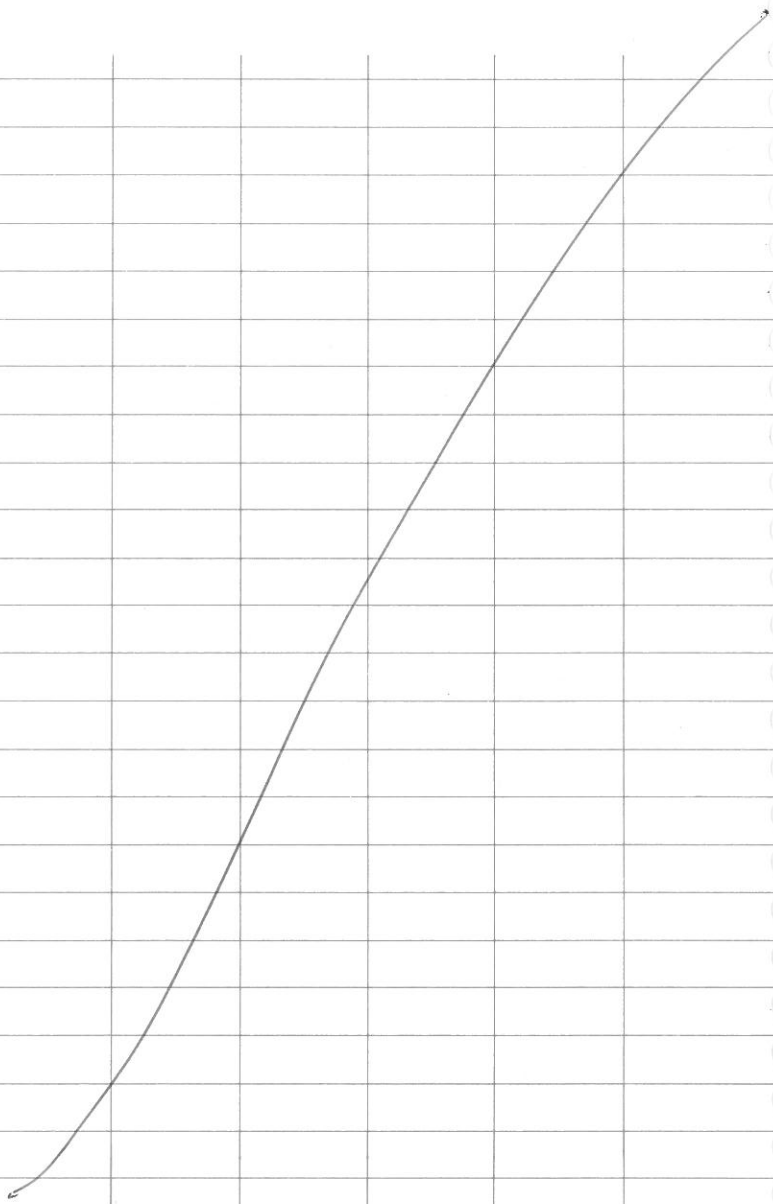
19460, 61 surface 60 x 2

19462, 63 depth

medium brown soil, sandy,
90% veg., 5% gravel,
5% cobbles - boulders

Thales	308	19460
	309	2011 TN
	310	MW-07
	311	NE toe
	312	NE top

Pictures	55	wide angle samples
	56, 57	close up sample/depth
	58	water sample



MW-08

19464, 65 surface
19466, 67 depth

brown soil w/ some organics/gravel,
30% veg., 60% gravel, no
boulders/cobbles

Thales 313 19464 TN
314
315 2011 TN
316 MW-08

Pictures 59 wide angle samples
60/61 close up samples/depth
62 water samples

ASCLF ML-1

19468, 69 surface
19470, 71 depth 70 x 3

brown soil w/ some organics/
gravel, 95% veg., 60% gravel

Thales 317 → ML1

Pictures 63 - Wide angle facing Facility
64 - Close up samples
65 - Close up TP

ASCLF-ML-2

12-19472-73 surface
12-19474-75 - depth

brown sandy soil w/ some organics near
surface + 30% gravel. 30% veg at surface.

Thales 318 → ML2

Pictures 66 - Wide angle Facing Facility
67 - Close up samples
68 - Close up - TP

ASCLF ML-3

12-19476-77 surface

12-19478-79 depth

brown, swampy soil w/ some
organics near surface, depth
half filled w/ water, 5%
gravel, 30% veg., 5%
cobbles/boulders

Thales 319-7 ML3

Pictures	69	Wide angle facing facility
	70	Close up samples
	71	Close up TP

ASCLF ML-4

12-19480-81 surface

12-19482-83 depth

brown ~~sun~~ soil w/ some organics near
surface, 50% g, 60% veg., no cobbles/boulders

Thales 370-7 ML4

Pictures	72	Wide angle
	73	Close up ^{samples} EVER
	74	depth

Requests:

QA/QC: 12-193

ESG RQ-1: 12-15131 (1)

1L HDPE

Inorganics

ESG RQ-2: 12-15131 (1)

1L Teflon

Mercury

ESG RQ-3: 12-15131 (1)

1L Teflon

Total PCBs

ESG RQ-4: 12-15131 (1)

1L Amber Glass

CCME PHC (No BTEX/PAH)

ALS RQ: 12-191

CCME F1-F4 (no BTEX/PAH) (46)
250mL Jar

CCME F1 (no BTEX/PAH) (11)
~~#1~~ 40mL Vial

CCME F2-F4 (no BTEX/PAH) (11)
1L Amber Glass

Inorganics - soil (46)
Whirlpak

Inorganics - water (11)
1L HDPE

Mercury (11)
1L Teflon

Total PCBs (46)
250mL Jar

Total PCBs (11)
1L Teflon