6/9/11 - 6/30/11

"Rite in the Rain"®
ALL-WEATHER
JOURNAL
No. 391

Markham Dump RV
Markham, IL

#3

INCH

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6-9-11 Markham Dump

0700 START member Lisa Graczyk, EPA OSC Steve Faryan, ER RM John Behrens, + 2 crew members are on site. Daily meeting held. Severe thunderstorms with lightning is occuring. Crew is ~~sitting to~~ on stand-by until rain/thunderstorms break. There is supposed to be a break in storms at ~1100. START is on site to collect composite samples of Pile 4 + Pile 3. Pile 4 treatment is complete. Pile 3 treatment will be completed soon.

0800 OSC, START, + RM look at piles. Water is accumulating in excavation area, photos taken.

0845 Thunderstorms + rain continue. Crew may bring in backfill if storms continue tomorrow.

1000 Rain + thunderstorms continue. ERRS crew was told to go home. RM + OSC to remain on site for ~1 hour + will go home. (to finish up paperwork).

1030 START Graczyk leaves site.

Lisa Graczyk 6-9-11

6-9-11

OSC Faryan On-Site. See Daily Work + Work Order + Sign Ins for more info. POLPEP #5 was sent out to mail list

[signature] 6-9-11

6-10-11

0700 OSC Farryan On-Site
Continuing mixing soil
w/ Free Flow 100. Piles
3 & 2 will be mixed.
See Work Order &
Sign on Sheets for
more information.

Steven [illegible] 6-10-11

6-13-11

0700 OSC Farryan + 3 EERS
from ER LLC on Site
Tasks: Transport non-haz soil,
sheds & empty containers to
soil staging area. Review beds
for during disposal. Prepare
for transportation & disposal
of stabilized soil.
11:30 Homewood Disposal
on-scene. Prepared trucks
for Thursday load out.
1830 Off-Site
+30 mins for R Flores
delivered generator to Shop

6-14-11 Markham Dump

0700 START member Lisa Gracyk, ERRS crew (RM + 2 crewmembers/equipment operators) on site. OSC Fanyan off site today. Free Flow 100 should be here before 9AM. Cleaning road, grab stained soil (scrape + add to pile), move 2 drums. Chromium personal air results came back very low, below action levels. crew to downgrade to level D. If windy or dusty, crew to up to level C. Weather: ~60°F, partly cloudy, little to no wind. When Free Flow arrives, crew to stabilize last pile of soil, only need one more bag of Free Flow to complete.

0835 Free Flow arrives on site. 12 bags ordered.

0845 Crew is unloading bags of Free Flow.

0900 OSC Benning on site. OSC signs safety plan + START briefs him on hazards.

0910 START gives OSC Benning tour of site.

Lisa Gracyk 6-14-11

6-14-11 Markham RV

1100 Crew is treating remaining pile with Free Flow 100.

1230 Soil solidification is completed. Bags of Free Flow are being covered. OSC Benning + RM have daily work order mailed.

1300 OSC + START off site.

Lisa Gracyk 6-14-11

6-15-11

0700 OSC Farryan and 3 EERS ERLLC on Site.

Conduct Safety Tail Gate

Weather:

Rain, Lightning, Windy

Crew advised to wait until storm is over.

If lighting seen shut down & wait 30 mins.

IEPA Illinois Attorney General Due On-Site

0800 All treated soil passed TCLP for lead & chromium

0900 IEPA On-Site Chuck Grigalowski & Chris Holy.

Talk a tour and briefed IEPA on excavation area. IEPA is ok with putting a snow fence down and backfilling the area. Markham will put a dike restriction on the area.

OSC Farryan will plan final backfill & grading with ERL.

6-15-11

1630: ~~Depart~~ Site

Steve

6-16-11

0700 On-Site. Tailgate Safety meeting. Begin to load out trucks.

5 - Trucks on site

2 - more added later

Homewood Disposal ~~landfill~~ SIT ~~or~~ Hauling waste to Newton County Landfill

2266 E 500 S

Brook, IN,

Newton County is a Republic Services Landfill

1500 Homewood Disposal calls. No More Trucks for Day.

Begin to shut down site

1600 Work Order Meeting

15 Trucks set up for tomorrow.

Get Profiles from Phillips for disposal

6-16-11

1400: On Site. No Trucks
Complete Daily Work
Order Meeting
Ordered 15 trucks for
(5) 6:30 (5) 7:00 & (5) 7:30
16:30 Locked up & demobed
generator

Steve [illegible]

6-17-11

0530 Crew re-mobes generator
0600 Crew on-site. Tail gate
Safety meeting. Begin
loading trucks
17 Trucks working getting
loaded & haul to Newton
County Landfill
11:00 City of Markham
Contractors on site
They are bidding on Phase
2 Work & Development of
the property
11:15 Shipped & emailed
POLREP #6

1500: Plan for Monday
· No Trucks
· Re Dig area near Pile
#4 w/ Casings
Consolidate Soil Piles
#2, #3 & #4
· Move Trash Pump
· Get Approval on Waste
Profiles
· Move Generator
1513: Report Site

Steve [illegible]

6-20-11 Markham

0700 START member Lisa Graczyk on site. Crew is also on site CRM plus 2 crew members. Weather: ~70°F, thunderstorms, heavy rains. Due to thunderstorms, work with heavy equipment is currently suspended. Crew to get ~~some~~ a pump + some hose to move water from excavation area. If rain eases up, crew will consolidate piles of treated soil + scrape soil from grids B3 + C3, in ~ center of site (in back area of area previously excavated).
OSC Faryan on site.

0830 There is currently a break in the rain. Forecast calls for scattered thunderstorms throughout day. Crew is still picking up pump.

1000 Crew is excavating + pumping water.

1145 Crew completed excavating. Battery casings, removed from remaining area around tree.
Lisa Klisch

6-20-11 Markham

1400 Crew is consolidating treated piles of soil to make the loading of trucks easier & quicker.

1530 Pile #3 (paint colored soil) Composited into Pile #2.

1600 3 Bags of Free Flow 100 mixed into Pile #2 using Track hoe.

1630 Work Order meeting with RM Toby Veighner
- 10 Trucks ordered for tomorrow load & transport
- 1900's updated
- Cost Estimate to complete
  - Soil Disposal
  - Backfill
  - De-Mob

1700 De-Mob for Day

6-21-11

0600 On-Site
Tail Gate Safety Meeting
0615 Begin Loading trucks
to Ship stabilized soil
to Washington County
Landfill
Other Tasks
- Source Snow Fence
- Prepare for Press Event
on Wednesday
- Notify City of Markham
that backfill will be needed
- Prepare to Backfill
- Call on Profile Approval
0630 Nine Trucks on site
to load. J & M Toby
will request additional
trucks
0700 Did a Cost Estimate -
Removal of Site #1
will still be possible with
certain amount
0900 Loaded 17 Trucks. Soil
is heavy will reduce #
of buckets

6-21-11
11:20 will request FIELDS to
come on Thurs
11:25 Check to see if ER
can order 2-4 Dump
Loads of Inland Dirt
12:00 4 Trucks loaded
1600 Total of 27 Trucks loaded
Work Order for tomorrow
Load Trucks 10
to Start @ 0600 am
1630 Report

6-22-11
0600 On-Site w/ 3 ER
Crew. Begin loading
Trucks. Tail Gate Safety
Meeting held.
08:20 Eleven Trucks loaded for
first round.
Action Items
· Procure Snow Fence
· Set Up for Press Brief
tomorrow
· Prepare POLREP
· Prepare Administrator Brief
10:30 Called Ill Toll
John Benda regarding
Snow fence.
12:00 Pile #4 and area
around the pile is complete
Pile #3 Completed
Some Clean-up near road
needed
Pile #2 is gone
Loading from Pile #1
1600 Total trucks loaded

1630 Depart Demobe
Generator
[illegible]

6-23-11
0600 On-Site. Tail Gate
Safety Meeting
0615 Begin Loading
Trucks. Pile #2
→ Call Ill Toll on Snow Fence
→ Procure Snow Fence
→ Approvals for Drum
Disposal.
→ Set Up to Backfill
Excavation area
→ Plan Demobe (week from
Friday)
— 0700 Prepare for Press
Briefing
0830 15 Trucks loaded and
shipped to Newton County
Landfill
→ Field Work today
→ Delineate Pb + Chromium
→ Marker Sample Grids

6-23-11 Markham Dump

0930 START member Lisa Graczyk onsite. Also on site are U.S. EPA OSC Steve Faryan, Brian Cooper with U.S. EPA FIELDS, 3 members IEPA, + ERRS crew.
Weather: overcast light rain on+off + ~ 70°F.
Today's activities: crew is to dispose of last 5 truckloads of soil, EPA + START will XRF + sample soil. Drums will be disposed of next week. A press information session will occur at ~ 1030. USEPA Public Affairs person, Ginny Narsette onsite.

0955 Local alderman + police chief are on site. Michelle Boughton is attorney for city.

1020 Press is shown around site.

1030 START + Brian Cooper to XRF grids.

F1 — 729 ppm Pb (center B or road)

Lisa Graczyk 6-23-11

6-23-11 Markham.

entire F line center is in road.
Ex using GPS with XRF. FIELDS is mapping points on we screen.

E1 1394 ppm Lead (Pb)

D1 4000 ppm Pb

CT XRF cables are bad + XRF will not connect to computer.
START + Fields will GPS in center of grids + mark with a pin flag.
At ~ 1100-1130, all IEPA, Markham, + press personnel left site.

1340 All grid centers ~~are GPS'd~~ are GPS'ed in. OSC Faryan + START will XRF grid points tomorrow + collect soil samples

1400 Three trucks will arrive tomorrow for remaing soil. Crew is out picking up orange snow fencing.

1430 START leaves site. EPA Fields is.

Lisa Graczyk 6-23-11

6-24-11 Markham

0825 START member Gracyk and U.S. EPA Fields member Brian Cooper arrive on site. OSC Steve Faryan, + ERRS crew already on site since ~0700. Weather: cloudy, ~67F. Crew to dispose of last two truckloads of soil + decon excavator. START + EPA to XRF in grids from excavation + collect samples to document remaining metal concentrations in soil.

0915 START + EPA begin XRFing grids. FIELDS is recording XRF readings in computer. START to collect composite sample of all grids over 800 ppm lead at a minimum.

1215 Sampling complete. Fields XRFing along roadway (edge of F-grid line). Procedure for sampling and XRF was as follows. Fields would XRF center point of grid. If center point of grid was > 800ppm, then no more

Lisa Gracyk 6-24-11

6-24-11 Markham

XRF readings were collected from grid. If center was < 800 ppm Pb, then 4 more points were XRFed within grids (~center of each quadrant). All grids with at least one point over 800 ppm Pb were sampled. Samples consisted of a 5-point composite (center, + 4 quadrants of grid)

Backnote: In grid A1, a reading of 11,000 ppm Pb was received on XRF. Battery casing plus a white/bluish material were buried in this area.

1300 EPA FIELDS + START are done with XRFing excavation area. Channel 7 News is on site. EPA OSC Faryan is showing them around site.

1400 Crew to dig up soil in Grid A1, where 11,000 ppm Pb hit received. FIELDS to take XRF readings. START + labels sides of sample jars + fills out COC.

Lisa Gracyk 6-24-11

6-24-11

Grids not sampled because they came back <800 ppm Pb include:

A4
B4
D4
~~D5~~

In addition, the "F" grids were not sampled because these grids mostly included the roadway. The edge of the "F" grids along roadway were XRF'ed & most were >800 ppm Pb.

1445 Area around grid A1 was excavated (surface scraped) & result came back much lower or 800 to 1,000 ppm Pb.

1615 START leave site. FIELDS left site at ~ 1600.

1630 OSC & Crew Depart Site

Steve

Mon June 27, 2011

0700 4 EERS & OSC on Site.

- Tail Gate Safety Meet
- Load Clean Fill
- Lay Snow Fence
- Backfill w/ Clean Soil
- Grade.

1400 Completed 1/3 of area to provide Clean Fill

1700 Depart Site Start @ 0700 ana tomorrow

Steve

Tues June 28 2011

0700 On Site Tail Gate
Safety Meeting
→ Continue Backfill
→ Check on Wild Flower Seed
→ Begin Demobilization Scheduling
→ Prepare to Seed for tomorrow

0715 Begin Loading Trucks and Filling excavation area.

0800 City of Markham delivered Wild Flower Seed

1630: Work Order Meeting
Backfilling 75% Complete
Finish tomorrow
Load Drums for Disposal
Seed Site
Begin Decon/Demobe

1730 Depart

Wed June 29 2011

0700 On-Site Tail Gate
Safety Meeting

0830 Truck will be in @ 10:30 11:00 to load out drums

0900 Prepare Drums & Labels for Shipping

1100 Load Drums
27 Drums to Phillips Service

1200 Begin Manifest

6/30/11 Markham

0700 START munker Gracyk & ERRS crew on site. Weather: ~ 70°F, mostly sunny.
Work activities for today: seed excavation area, clean up anything on roadway, decon equipment, pack up supplies. trailers to go offsite tomorrow.

0800 OSC Faryan on site. ERRS crew is out along road (Route 6 / 159th St) cleaning up area with excavator where backfill was stockpiled.

1050 ERRS crew is done cleaning up area along roadway & Fence was taken down that surrounded command post area.

1115 Crew is spreading grass seed over area that was backfilled yesterday

1300 START lunch etc