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ENVIRONMENTAL RESTORATION LLC
1666 Fabick Drive
St. Louis, MO 63026
www.erllc.com

NAICS: 562910
GSA Contract
GS-10F-0291S

David A. Brinkmeyer, CHMM
Vice President-Government Contracts

Office: 636-227-7477
24 Hr. Emergency: 888-814-7477
Fax: 636-227-6447

Direct: 636-680-2407
Mobile: 636-448-1298
email: d.brinkmeyer@erllc.com

ENVIRONMENTAL RESTORATION LLC
1666 Fabick Drive
St. Louis, MO 63026
www.erllc.com

NAICS: 562910
GSA Contract
GS-10F-0291S

Mitchell Hunt, CHMM
Environmental Scientist

Office: 636-227-7477
24 Hr. Emergency: 888-814-7477
Fax: 636-227-6447

Direct: 636-680-2441
Direct Fax: 636-680-2491
Mobile: 636-262-1281
Email: m.hunt@erllc.com

RSC Equipment Rental

Brian Fenza
Outside Salesperson

RSC Equipment Rental
2901 North Peoria St
Peru, Illinois 61354
P 815.223.7962 **M** 815.712.8742
Nextel ID 109*1040*638
F 815.223.8152
Brian.Fenza@RSCrental.com
RSCrental.com

Lisa Graczyk
Project Manager/Senior Chemist

20 North Wacker Drive, Suite 1210
Chicago, IL 60606

Tel: (312) 424-3339
Fax: (312) 424-3330

lgraczyk@dynamac.com

DYNAMAC CORPORATION

http://www.dynamac.com

Address

Phone

Project M + H Zinc Fund Lead RV
1375 9th Street
LaSalle, IL

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

ENVIRONMENTAL PROTECTION AGENCY

Theresa Holz
On-Scene Coordinator
Emergency Response Branch

77 W. Jackson Blvd. (SE-5J)
Chicago, IL 60604

Telephone: (312) 886-6845
Fax: (312) 353-9176
Cell Phone: (312) 802-0676
E-mail: holz.theresa@epa.gov

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www.RiteintheRain.com

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Tom Williams (IEPA)
O 815-223-1714
H 815-223-9638

Dennis Hancock (IEPA)

Illinois Environmental Protection Agency

Dennis A. Hancock
Asbestos, Demolition, and Renovation Insp.

815-223-9874 815-223-2465 Fax
12 Gunia Drive, Ste. 2, P.O. Box 1515 LaSalle, Illinois 61301
www.epa.state.il.us dennis.hancock@illinois.gov

8/26/09

1000 START members, Liz Graczyk & Dave Wojcik arrive at M+H Zinc Site. Also on site are OSC Theresa Holz, David Brinkmeyer with ER, Mitchell Hunt with ER & RPM Demaree Collier.

1015 Tour of outside of facility is started. Piping on E side of Rolling Mills Building is reviewed. Photos taken. Viewed asbestos pipe wrapping ~~from~~ in small room by outside asbestos piping.

1100 Inside lab building. To sample plaster & piping (insulation/wrapping). Some lab tops will be sampled. paper lining over sink to be sampled.

2nd Lab Room
ceiling tile (1x1 stapled) (3)
floor tile (3)
more plaster (5 samples)

Liz Graczyk 8/26/09

8-26-09

1st Room
- sample sheeting over sink (1)
- sheet by door (1) (mag - block?)

Glass block windows
- no caulking
- no glazing

Roof won't be sampled - assume asbestos

Small oven - assume positive for asbestos

1125 Sample MH-ASB1-082609 collected - from sheeting near oven. - Room 1

1126 ASB2 - sheet by sink - collected. - Room 1

1127 ASB3 + ASB4 - plaster collected from lab building walls - ~~Room~~ plaster with white paint

1127 ASB3 - 2nd lab room

1128 ASB4 - 1st lab room - plaster with green paint

Lin Hagel 8/26/09

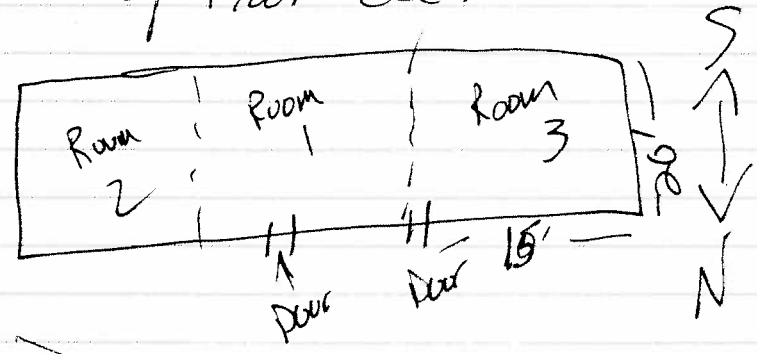
8-26-09

1129 ASB5 - wrap from fiberglass insulation in 2nd lab room

1132 ASB6, ASB7 + ASB8 are of ceiling tile - 3rd lab room

1133 ASB9, ASB10, ASB11 - of plaster in 3rd room

1134 - ASB12, ASB13, + ASB14 of floor tile.



Lin Hagel 8/26/09

8-26-09

Vestibule to 3rd Room
5' X 8' X 11' high

3rd Room
20' wide (building
25' X 20'

Room1 ~~20' X 25'~~ X 12' high
Room2 30' X 20 12

1147 MH-ASB15-082609 —
collected from TM pipe inside
Rolling Mills small room.

1200 All personnel off site.

G Gisell 8/24/09

Tuesday 70°, sunny 9/8/09

0800 T. Seilheimer (Weston START) leaves residence in Indiana to mob to CHI office to pick up equipment. Mob from CHI office to M&H Zinc in LaSalle, IL. ——— TJS

1115 Weston START arrives onsite at M&H Zinc. EPA OSC T. Holz onsite. START and OSC conduct site walk through and setup air monitoring equipment to make sure "T" setup is going to work. ——— TJS

RSC drops off rental equipment (water truck, generator, fork lift). ——— TJS

1520 Environmental Restoration, LLC (ER) onsite. Moving and unloading equipment. ——— TJS

1710 START and OSC offsite ——— TJS

Trevor Sell

Rite in the Rain

Wednesday 65°, cloudy 9/9/09

0645 T. Seilheimer (Weston START) and T. Holz (EPA OSC) onsite.

START calibrates Air Con 2 units inside field trailer.

0700 Environmental Restoration (ER) personnel onsite (Mitch, Dave, Jeff, Mike, Maria). TJS

Conduct H+S briefing and overview of todays activities. Tasks to complete job: ① asbestos piping abatement ② field scrapping ③ asbestos tile removal ④ lab building demo. TJS

0805 EPA RPM (D. Collier) onsite. DS

0808 START begins setup of air monitors for asbestos piping abatement. TJS

Station ID: 1

Pump ID: SAM 002 (8567)

Start Time: 0810

Start Flow: 3.077 L/min

Mid Flow: 3.137

End Flow: 3.210 Ave Flow: 3.141

End Time: 1652 8hr 44 min 524 total mins

Total Liters Sampled: 1645.9

Sample ID: MH-ACM-1-090909

Station ID: 2

Pump ID: SAM 003 (S# 0307602)

START Time: 0817

Start Flow: 3.174 L/min

Mid Flow: 3.190

Wednesday continued 9/9/09

End Flow: 3.257 Ave Flow = 3.207

End Time: 1658 8hr 40 min 520 total mins

Total Liters Sampled: 1667.6

Sample ID: MH-ACM-2-090909

Station ID: 3

Pump ID: SAM 004 (8515)

Start Time: 0822

Start Flow: 3.025 L/min

Mid Flow: 3.031

End Flow: 3.114 Ave Flow = 3.056

End Time: 1701 8hr 38 min 518 total mins

Liters Sampled: 1583.0

Sample ID: MH-ACM-3-090909

Station ID: 4

Pump ID: SAM 005 (8566)

Start Time: 0829

Start Flow: 3.076 L/min

Mid Flow: 2.999

End Flow: - Low Battery Fault 6hr 44 min Ave Flow = 3.038

End Time: 1707 6hr 44 min 404 total mins

Liters Sampled: 1227.4

Sample ID: MH-ACM-4-090909

Rite in the Rain

Wednesday continued 9/9/09

personal Data RAM calibrated: OK (PM025713) — TJS

ER personnel putting up ASBESTOS DANGER signs, clearing and grubbing in field and around asbestos piping abatement area.

0913 IEPA personnel onsite — TJS

0930 Two trucks onsite with gravel for access road to field scrapping. "The Marvel Gravel Co." of Peru, IL. — TJS

1020 One truck onsite with gravel. — TJS

1130 T. Williams (IEPA) offsite. Two trucks onsite with gravel. ER moving gravel to fill in wash outs on road and make access road to field. — TJS

1206 D. Hancock (IEPA) offsite. — TJS

ER moving manlift in position for asbestos pipe abatement. — TJS

Lunch — TJS

1300 START conducts mid-day flow check on pumps — TJS

ER continues prepping field for scrapping. ER begins asbestos pipe abatement activities. — TJS

1650 START collects all sampling media and packs samples for FedEx drop off. — TJS

1730 START offsite to Fed Ex. — TJS

* One personal sample, one bulk sample also collected by ER.

Trevor Sick

Wednesday continued 9/9/09

PHOTO LOG

1) SW Clear/grub at lab building
2) N Clear/grub to asbestos pipe abatement
3) N Access Rd to " " "
4) NW Building with " " "
5) W Clear/grub to " " "
6) W Clear/grub to lab building
7) NE Water truck, field trailer
8) NW Manlift
9) N Access Rd to N portion of site, open field on right
10) N/NE Clear/grub to field scrapping
11) E Open field scrapping area
12) NE " " " "
13) S Air Pump. Asbestos wrapped pipe on outside of building.
14) SW Pipes on outside of building.
15) N Hanging caution tape.
16) N Asbestos sign
17) N/NW Asbestos pipe abatement building
18) N Rock delivered for access road to field.
19) W Debris removal
20) N Asbestos pipe abatement
21) N Asbestos pipe abatement
22) N Asbestos pipe abatement
23) SW Lab building after ~~dtos~~ clear/grub
24) NW Asbestos pipe abatement - clear/grub

Peter in the Rain

Wednesday continued 9/9/09

PHOTO LOG (CONTINUED)

25) N Watering pipe wrap

26) Plastic pipe wrap collector

27) Lab building - Room 3 - per drawing from 8/26/09

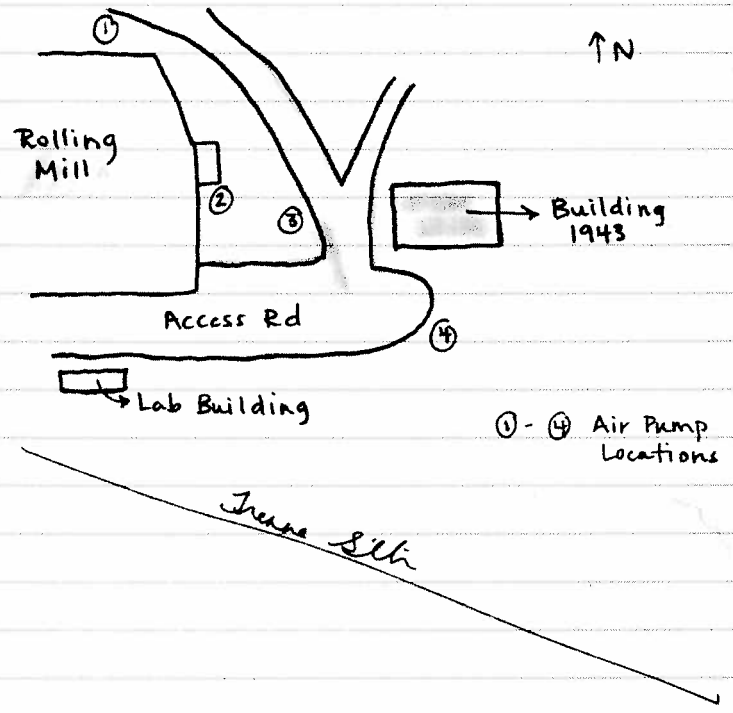
28) " " "

29) " " "

30) " " - Room 2

31) " " - Room 1

32) " " - Room 1



Thursday 65°, cloudy 9/10/09

0645 START and OSC onsite at field trailer. START calibrates Air Con 2 units inside field trailer. —— TJS

0700 ER personnel onsite —— TJS

New bucket arrives for excavator —— TJS

Conduct H&S briefing, overview of todays activities. —— TJS

0740 START begins setup of air pumps (asbestos). —— TJS

Station ID: 1

Pump ID: SAM 003

START Time: 0743

Start Flow: 2.998 L/min

Mid Flow: 3.003

End Flow: 3.155 Ave Flow: 3.052

End Time: 1647 9hr 6 min Total Mins: 546

Total Liters Sampled: 1666.4

Sample ID: MH-ACM-1-091009

Station ID: 2

Pump ID: SAM 004

Start Time: 0747

Start Flow: 2.973 L/min

Mid Flow: 2.975

End Flow: - Low Battery Fault Ave Flow: 2.974

End Time: 1657 8hr 50 min Total Mins: 530

Total Liters Sampled: 1576.2

Sample ID: MH-ACM-2-091009

Thursday continued 9/10/09

Station ID: 3

Pump ID: SAM 005

Start Time: 0753

Start Flow: 3.013 L/min

Mid Flow: 3.005

End Flow: - Low Battery Fault Ave Flow: 3.009

End Time: 1652 6hr 52 min Total Mins: 412

Total Liters Sampled: 1239.7

Sample ID: MH-ACM-3-091009

Station ID: 4

Pump ID: SAM 002

Start Time: 0758

Start Flow: 3.053 L/min

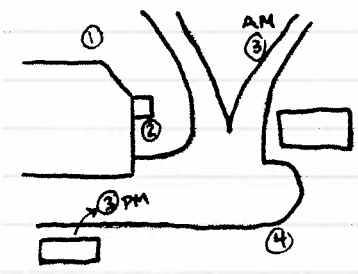
Mid Flow: 3.102

End Flow: - Low Battery Fault Ave Flow: 3.078

End Time: 1701 8hr 38 min Total Mins: 518

Total Liters Sampled: 1594.1

Sample ID: MH-ACM-4-091009



↑N

①-④ = Air pump locations

Thursday continued 9/10/09

0755 Truck arrives onsite to remove contents of field scrapping. Richard Mentel Trucking, Inc. ER laying poly in bed of truck prior to loading. —— TJS

0833 Mentel Truck #7 - loading started. Second truck onsite. Soulsby Trucking, LLC of Grand Ridge, IL. —— TJS

0855 Truck #7 offsite to Land Comp Landfill in Ottawa, IL under Manifest #1. —— TJS

0905 Soulsby Truck #150 - loading started. —— TJS

0915 Truck #150 offsite to Land Comp Landfill in Ottawa, IL under Manifest #2. —— TJS

1005 Truck #7 back onsite. —— TJS

1035 Truck #150 back onsite. Truck #7 offsite (Manifest #3).

1045 Truck #150 offsite (Manifest #4). IEPA (T. Williams) onsite.

1135 Truck #7 back onsite. Offsite with Manifest #5 at 1200.

1205 OSC, ERRS, START walk woods north of Building 1943 to look at other possible ACM debris. —— TJS

OSC will talk with RPM about findings. —— TJS

Lunch Break. Field scrapping activities completed. —— TJS

1300 IEPA T. Williams offsite. —— TJS

1320 START and OSC move Station ID 3 to lab building area for asbestos floor tile removal. ER begins floor tile removal. —— TJS

1330 START conducts mid-day flow check on pumps. —— TJS

OSC and ERRS talk about structure of ACM debris. Decide its not worth the time and money to remove areas. Debris looks in good shape and will not be taken care of at this time.

Thursday continued 9/10/09

PHOTO LOG

1) E Field scrapping area
2) E " " "
3) E Loading Truck #7
4) E Scrapped field
5) W Metal tanks w/ asbestos lined interior - N of Bldg 1943
6) W ↓
7) W Area North of Rolling Mill
8) W ↓
9) Tunnel
10) E Field scrapping area
11) SW Field scrapping area
12) Equipment Setup
13) ↓
14) S Far ~~West~~ East Room - Tile Removal
15) Floor Tile Removal
16) ↓
17)

Turna Lilli

Thursday continued 9/10/09

ER finishing up removing floor tiles from Lab building. ER continuing with asbestos pipe abatement. ——— DS

1645 START begins to collect all pumps and pack them for shipment via FedEx. ——— DS

1720 START offsite to FedEx ——— DS

3 personal samples collected by ER. ——— DS

Turna Lilli

Friday 65°, sunny 9/11/09

0645 START and OSC onsite at field trailer. START calibrates Air Con 2 pumps inside field trailer. ——— TJS

0705 ER personnel onsite. Conduct H+S briefing and overview of todays activities: continue with pipe abatement and begin Lab building demo. ——— TJS

0720 START begins setup of air pumps ——— TJS

Station ID: 1

Pump ID: SAM 005

Start Time: 0725

Start Flow: 3.642 L/min

Mid Flow: 3.567

End Flow: - Low Battery Fault Ave Flow: 3.605

End Time: 1530 6hr 37min Total Mins: 397

Total Liters Sampled: 1430.9

Sample ID: MH-ACM-1-091109

Station ID: 2

Pump ID: SAM 003

Start Time: 0731

Start Flow: 3.725 L/min

TJS Mid Flow: 3.642

End Flow: - Low Battery Fault Ave Flow: 3.684

End Time: 1640 8hr 45min Total Mins: 525

Total Liters Sampled: 1933.8

Sample ID: MH-ACM-2-091109

Friday continued 9/11/09

Station ID: 3

Pump ID: SAM 004

Start Time: 0743

Start Flow: 2.156 L/min

Mid Flow: ~~2.196~~ TJS 2.161

End Flow: 2.242 Ave Flow: 2.186

End Time: 1657 9hr 13min Total Mins: 553

Total Liters Sampled: 1209.1

Sample ID: MH-ACM-3-091109 & MH-PM-3-091109

Station ID: 4

Pump ID: SAM 002

Start Time: 0746

Start Flow: 2.197 L/min

Mid Flow: 2.196

End Flow: 2.282 Ave Flow: 2.225

End Time: 1653 9hr 6min Total Mins: 546

Total Liters Sampled: 1214.9

Sample ID: MH-ACM-4-091109 & MH-PM-4-091109

0825 Calibrate PDR = OK (PMO 25713). PDR will run during demo.

0840 Rolloff Box #1 onsite. Rolloff Box #2 onsite. Rolloff Box #3 onsite. ——— TJS

1022 Rolloff Box #4 onsite. Rolloff Box #1 offsite. ——— TJS

1036 Rolloff Box #2, 3 offsite. ——— TJS

Friday continued 9/11/09

PHOTO LOG

1) NE Lab Building - Carus property
2) SE Pump Station 3 - "
3) S Pump Station 4 - "
4) E Paved area/Lab Building - "
5) N Lab Building (N side) - "
6) N Lab Building (E Side) - "
7) N Lab Building (S side) - "
8) N Lab Building (S side) - "
9) W Lab Building/Paved Area - "
10) S Lab Building demo
11) S
12) S
13) SW Rolloff dropoff
14) S Lab building demo
15) S
16) S
17) NE Lab building
18) N Asbestos pipe abatement
19) S Lab building demo
20)
21)
22)
23)
24)

Friday continued 9/11/09

PHOTO LOG CONTINUED

25) Lab building demo
26)
27)
28)
29)
30)
31)
32)
33) N Asbestos pipe abatement
34) Lab building demo
35)
36)
37)
38) NW Station 1
39) N Station 2
40) N Asbestos pipe abatement
41) Equipment Setup
42) Equipment Setup
43) N Lab building demo
44) N Asbestos pipe abatement
45) W Lined roll-off

Jenna Silk

Friday continued 9/11/09

1155 Rolloff box # 5, 6 onsite. Rolloff box # 4 offsite. —— TJS

Updated Schedule: continue abatement and loading demo debris today & tomorrow. START and some of ER crew will not be back onsite after tomorrow. All personnel will demob tomorrow. OSC, 2 Operators, & RM will return Tuesday next week to finish loading demo debris. Schedule change due to busy Allied Waste truckers. —— TJS

1230 Rolloff box # 5 offsite. Lunch —— TJS

1310 START conducts mid-day flow check —— TJS

Rolloff box # 7 onsite. Rolloff box # 6 offsite. Several rolloff boxes delivered and taken. —— TJS

1645 START already collected Station 1 and Station 2 pumps due to battery failure. START collects other pumps and gets samples ready for shipment via FedEx.

1725 START offsite to FedEx —— TJS

3 personal asbestos samples collected by ER —— TJS

Jeanne Lile

Saturday 60°, sunny 9/12/09

0540 START arrives onsite at field trailer. —— TJS

0600 OSC arrives onsite. ER personnel onsite. START calibrates Air Con 2 pumps. Conduct H+S briefing and overview of todays activities: finish asbestos pipe abatement and continue loading roll-off boxes with lab building demo debris. —— TJS

Per ER: 10 30yd³ rolloffs loaded yesterday —— TJS

0620 START begins setup of air pumps —— TJS

Station ID: 1

Pump ID: SAM003

Start Time: 0629

Start Flow: 3.765 L/min

Mid Flow: 3.744

End Flow: 3.811 Ave Flow: 3.773

End Time: 1327 6hr 58 min Total Mins: 418

Total Liters Sampled: 1577.1

Sample ID: MH-ACM-1-091209

Station ID: 2

Pump ID: SAM 005

Start Time: 0634 End Time: 1330 6hr 26 min

Start Flow: 3.680 L/min Total Mins: ~~3 647~~ TJS 386

Mid Flow: 3.613

End Flow: - Low Battery Fault Ave Flow: 3.647

Total Liters Sampled: 1407.7

Sample ID: MH-ACM-2-091209

Saturday continued 9/12/09

Station ID: 3

Pump ID: SAM 002

Start Time: 0649

Start Flow: 2.083 L/min

Mid Flow: 2.108

End Flow: 2.141 Ave Flow: 2.111

End Time: 1313 6hr 23 min Total Mins: 383

Total Liters Sampled: 808.5

Sample ID: MH-ACM-3-091209 & ~~MH-ACM~~ MH-PM-3-091209 TJS

Station ID: 4

Pump ID: SAM 004

Start Time: 0652

Start Flow: 2.176 L/min

Mid Flow: 2.194

End Flow: 2.235 Ave Flow: 2.202

End Time: 1318 6hr 25min Total Mins: 385

Total Liters Sampled: 847.6

Sample ID: MH-ACM-4-091209 & MH-PM-4-091209

0650 Soulsby Truck # 150 onsite, offsite @ 0700 with load of demo debns. TJS

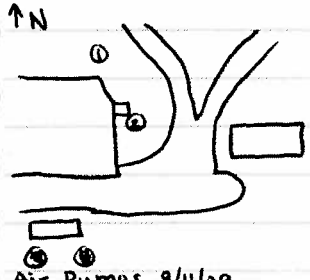
0745 Soulsby Truck # 150 onsite. Rolloff boxes ~~# 11 & 12~~ TJS onsite. Rolloff # 11 offsite. Rolloff box # 12 offsite. Soulsby #150 offsite.

0847 Rolloff boxes dropped. Rolloff box # 13 offsite. Soulsby

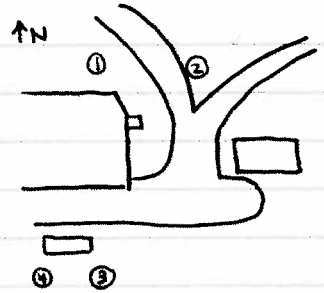
Saturday continued 9/12/09

PHOTO LOG

1) S Lab building demo
2) N Finished asbestos pipe abatement
3) N Asbestos pipe abatement
4)
5)
6)
7) N Finished asbestos pipe abatement
8) W Asbestos pipe abatement
9) SW Finished asbestos pipe abatement
10) NW Asbestos pipe abatement
11) S Hosing down Lab building area
12) S Scrap from Lab building demo



Air Pumps 9/11/09



Air Pumps 9/12/09

PHOTO LOG CONTINUED

13) E Finished Lab building area
14) NE
15) E
16) NW Finished asbestos pipe abatement

Saturday continued 9/12/09

Truck #150 onsite. Rolloff box # 14 offsite (20 yd³).

Soulsby truck #150 offsite ——— TJS

0945 Rolloff box dropped. Rolloff box #15 offsite. ——— TJS

0958 Rolloff box dropped. Rolloff box #16 offsite ——— TJS

1005 Soulsby truck #150 onsite. Soulsby truck #150 offsite

1010 Rolloff box #17, 18 offsite ——— TJS

1105 START conducts mid-day flow check ——— TJS

ER finishes asbestos pipe abatement and lab building area. ——— TJS

1310 START picks up air pumps and samples. Will keep samples and ship on Monday. ——— TJS

1405 START offsite to CH1 office ——— TJS

* One personal asbestos sample collected by ER ——— TJS

True SLC