

OP 359, Field Activity Documentation



CABRERA DAILY REPORT

1. PROJECT INFORMATION

PROJECT NAME/LOCATION: SUPPLEMENTAL RADIOLOGICAL SURVEY

DATE: 03/30/17

Former UNC Manufacturing Facility, New Haven, CT

REPORT No. 027

CONTRACT #:

CABRERA PROJECT #: 10-1007.00

TASK #: 016

FIELD SITE MANAGER: Mike Plonski

PROJECT MANAGER: Rob Flowers

2. WEATHER

TEMPERATURE RANGE: 33-48 degrees F

WIND SPEED/DIRECTION: 6-14 mph W

PRECIPITATION LAST 24 HOURS: ☐ YES ☒ NO

TYPE: N/A

AMOUNT: N/A

BAROMETRIC PRESSURE: 30.19"

HUMIDITY: 32-70%

HEAT INDEX RANGE: N/A

WEATHER DELAYS: ☐ YES ☒ NO

DELAY TIME (HOURS): N/A

3. SUMMARY OF WORK

- Conducted safety meeting prior to beginning field activities.
- AIG continued construction of the fifth containment.
- Cabrera completed daily quality control checks on gamma spec and other radiological counting instrumentation.
- Cabrera continued to provide radiological support during ACM abatement activities, including air monitoring and general contamination control monitoring.
- Cabrera counted two samples for IMC 2079. Results pending review.
- Cabrera completed moving the cars from in the building to the back of the building.

4. MATERIALS & EQUIPMENT BROUGHT ON-SITE

Receipt inspection required & completed? ☐ Yes ☒ No

| 5. INSPECTIONS | | |
|---|-------------|--------|
| TYPE | DESCRIPTION | ACTION |
| PREPARATORY | | |
| INITIAL | | |
| FOLLOW-UP | | |
| ARE ANY DEFICIENCIES NOTED IN FOLLOW-UP INSPECTIONS? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO – IF YES, EXPLAIN: | | |

| 6. DEFICIENCIES CORRECTED | | | |
|---------------------------|------------------|-------------|--------|
| DEFICIENCY # | REPORT REFERENCE | DESCRIPTION | ACTION |
| | | | |
| | | | |
| | | | |

| 7. TESTS PERFORMED | | |
|--|------|---------------|
| SPECIFICATION REFERENCE | TYPE | TEST & RESULT |
| | | |
| | | |
| | | |
| ARE TEST RESULTS ATTACHED? <input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> NA – IF NO, EXPLAIN: | | |

| 8. CABRERA PERSONNEL ON-SITE | | |
|------------------------------|---------------------------------------|---|
| EMPLOYEE NAME | TITLE | TASK(S) PERFORMED |
| Mike Plonski | Site Radiation Safety Lead (SRSL) | See Section 3 “Summary of Work” (8 Hrs) |
| Ann Jacobs | Site Safety and Health Officer (SSHO) | See Section 3 “Summary of Work” (8 Hrs) |

| 9. SUBCONTRACTOR PERSONNEL ON-SITE | | | | |
|------------------------------------|--------------------|--------------------|----------------|-----------|
| SUBCONTRACTOR NAME | JOB DUTY | TASK(S) PERFORMED | # OF PERSONNEL | MAN-HOURS |
| AIG | Asbestos abatement | Asbestos abatement | 5 | 40 |
| | | | | |
| | | | | |
| TOTALS | | | 5 | 40 |

| 10. EQUIPMENT & MATERIALS ON-SITE | | | | | |
|-----------------------------------|--|-----------------|----------------|---------------|---------------|
| VENDOR | EQUIPMENT | SERIAL #. | ACTIVE OR IDLE | DATE RECEIVED | DATE RETURNED |
| ERG | 1 Ludlum 2360 scaler/rate meter with 43-93 Zinc sulphide scintillation probe | 184909/PR298426 | Active | 02/21/2017 | |
| ERG | 1 Ludlum 2360 scaler/rate meter with 43-93 zinc sulphide scintillation probe | 193638/PR199836 | Active | 02/21/2017 | |
| ERG | 1 Ludlum 2360 scaler/rate meter | 220242 | Active | 02/21/2017 | |
| ERG | 1 Ludlum 2221 scaler/ digital rate meter with FIDLER sodium iodide scintillation probe | 190205/PR01807D | Active | 02/21/2017 | |
| ERG | 1 Ludlum 2929 scaler sample counter with 43-10-1 zinc sulphide scintillation probe | 200051/PR215948 | Active | 02/21/2017 | |
| ERG | 1 Ludlum model 12 meter with 44-9 Geiger-Mueller probe | 276863/PR147787 | Active | 02/21/2017 | |
| ERG | Escort ELF Lapel Air sampler | A3-48588 | | 02/21/2017 | |
| ERG | 1 MircoRem meter | 2079 | | 02/21/2017 | |
| ERG | 1 Low volume air sampler | | | 02/21/2017 | |
| ERG | 1 Low volume air sampler | | | 02/21/2017 | |
| Cabrera | 1 Th-230 check source | 5648-06 | Active | 02/21/2017 | |
| Cabrera | 1 Tc-99 check source | 5634-05 | Active | 02/21/2017 | |
| Cabrera | 1 Co-60 check source | 267D21 | Active | 02/21/2017 | |
| Cabrera | 1 Ludlum model 2224-1 scaler/rate meter with 43-93 Zinc sulphide scintillation probe | 227246/PR244549 | Active | 02/21/2017 | |
| Cabrera | 1 Ludlum Model 3 rate meter with 44-9 Geiger-Mueller probe | 219266/PR | Active | 02/21/2017 | |
| Canberra | Gamma Spectroscopy Instrument (Canberra REGe) | SN 8381 | Active | 03/06/2017 | |
| United Rentals | 1 Bobcat T5 90 Skid Steer | | Active | 02/21/2017 | |
| United Rentals | 1 set of forks, and 1 grapple bucket for Skid Steer | | Active | 02/21/2017 | |
| United Rentals | 1 Magnum 130 tow behind generator | | | 02/21/2017 | |
| NEMF | Wheel Scale | | | 02/21/2017 | |
| Williams Scotsman | 1 8' by 20' connex box | | Active | 06/22/2016 | |
| United Rentals | Scaffold | | | 03/23/2017 | |
| United Rentals | 2 heaters | | | 03/23/2017 | |
| | | | | | |
| | | | | | |

| 11. MATERIAL GENERATED/STORED ON-SITE | | | | | |
|---|-------------------------|----------------------------|----------------|-------------------------------------|----------------------|
| MATERIAL ID | SOLID, LIQUID, OR MIXED | DESCRIPTION OF MATERIAL | CONTAINER TYPE | DISPOSITION OR LOCATION OF MATERIAL | AMOUNT* (CY OR TONS) |
| BFLU000011 | Solid | Soil/ Garbage/ Debris/ ACM | Intermodal | Building 6H | ~8 Tons |
| GFLU001451 | Solid | Soil/ Garbage/ Debris/ ACM | Intermodal | Building 6H | ~8 Tons |
| GFLU002021 | Solid | Soil/ Garbage/ Debris/ ACM | Intermodal | Building 6H | ~8 Tons |
| GFLU002008 | Solid | Soil/ Garbage/ Debris/ ACM | Intermodal | Building 6H | ~8 Tons |
| GFLU002079 | Solid | Soil/ Garbage/ Debris/ ACM | Intermodal | Building 6H | ~8 Tons |
| Totals | | | | | ~40 Tons |
| ATTACH SEPARATE PAGES AS NEEDED. SEPARATE PAGES INCLUDED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | | | | | |

| 12. SAMPLE COLLECTION & ANALYSIS | | | | | | |
|---|---------------------------|------------------|-------------------------|-----------------|---|--------------|
| Sample ID/Spectrum ID | Media (Soil Water, Other) | Sampler Initials | On-Site or Off-Site Lab | Analyses / Type | Count time (min) Does not include setup | Photo File # |
| W6H-GFLU-2079-S-P-1 | Other/ Debris | CP | On-Site | Gamma-Spec | 30 | N/A |
| W6H-GFLU-2079-S-P-2 | Other/ Debris | CP | On-Site | Gamma-Spec | 30 | N/A |
| | | | | | | |
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| | | | | | | |
| ATTACH SEPARATE PAGES AS NEEDED. SEPARATE PAGES INCLUDED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | | | | | | |

| | |
|--|--|
| 13. CHANGES/DELAYS/CONFLICTS | |
| ANY CHANGES IN SITE CONDITIONS OCCUR TODAY? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |
| IF YES, EXPLAIN: | |
| DID A DELAY OR WORK STOPPAGE OCCUR TODAY? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |
| IF YES, EXPLAIN: | |
| HAS ANYTHING DEVELOPED IN THE WORK WHICH MAY LEAD TO A CHANGE? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |
| IF YES, EXPLAIN: | |

| |
|--|
| 14. VERBAL INSTRUCTIONS RECEIVED: |
| |

| | |
|---|---|
| 15. HEALTH & SAFETY SUMMARY | |
| SAFETY BRIEFINGS | |
| WAS A SAFETY MEETING HELD? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | TOPIC DISCUSSED: PPE, machine safety (skid steer, scissor lift), slips-trips-falls, slippery conditions |
| SAFETY INSPECTIONS | |
| WAS A SAFETY INSPECTION CONDUCTED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | |
| DEFICIENCIES NOTED: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | DESCRIBE: |
| CORRECTIVE ACTIONS TAKEN: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | DESCRIBE: |
| SUMMARY OF WORK PERFORMED | |
| TYPE OF WORK: | Refer to description provided in Section 3 |
| CHEMICALS USED: | None |
| PPE LEVEL: | Safety shoes, hard hats, and eye protection, safety vest |
| INCIDENT & NEAR MISS/OBSERVATION REPORTING | |
| ANY INCIDENTS ON-SITE TODAY? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | DESCRIPTION: |
| CABRERA INCIDENT REPORTING FORM ATTACHED: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | |
| CLIENT SPECIFIC INCIDENT REPORTING FORM ATTACHED: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | |
| ANY NEAR MISSES/OBSERVATIONS ON-SITE TODAY? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | DESCRIPTION: |
| H&S RECOMMENDATIONS | |
| | |

16. REMARKS

- Rain earlier in the week has delayed the ability to survey the floors; floor surveys cannot occur until floors are dry.
- Another winter storm is possible for Friday, 3/31; depending on severity of winter weather, there is potential that site work could be delayed.
- Katherine Warner and Mark Roberts from NRC visited the site. They reviewed instrumentation paperwork, the foot print of former buildings (9H, 10H, 11H) , gamma spec reports, QC reports, and MBA ledger. The NRC met briefly with the building owner Mr. Katz.
- Asbestos containment was constructed In the former X-ray Read Room . After containment was constructed, workers relayed that they noticed “fishy” odor in the containment. Cabrera investigated the odor by inspecting all the drums in the area. It was determined that the likely suspect is the cyclohexylamine and corrosive inhibitor contained in 55-gallon steel drums that are in various states of decay. Currently it can not be determined if any of the drums are leaking, since floors were saturated by rain events earlier in the week. The asbestos workers are currently working in a different location, setting up the fifth containment area and are not impacted by the odor in this area. Cabrera will survey the X-Ray Read Room on Friday, 3/31, with a PID meter to determine whether or not there is any potential safety risk for workers; determination will be made based on concentrations detected. Cabrera will restrict access to the drums and has contacted our drum management subcontractor to mobilize to the site within the next couple of weeks to properly package and store the drums.

17. VERIFICATION STATEMENT

This report is complete and correct and all materials and equipment used and work performed during this reporting period are in compliance with the contract plans and specifications except as noted above.

NAME/TITLE: Ann Jacobs

DATE: 03/31/17

SIGNATURE:

18. PROJECT MANAGER REVIEW & ACCEPTANCE

REMARKS AND/OR EXCEPTIONS TO REPORT:

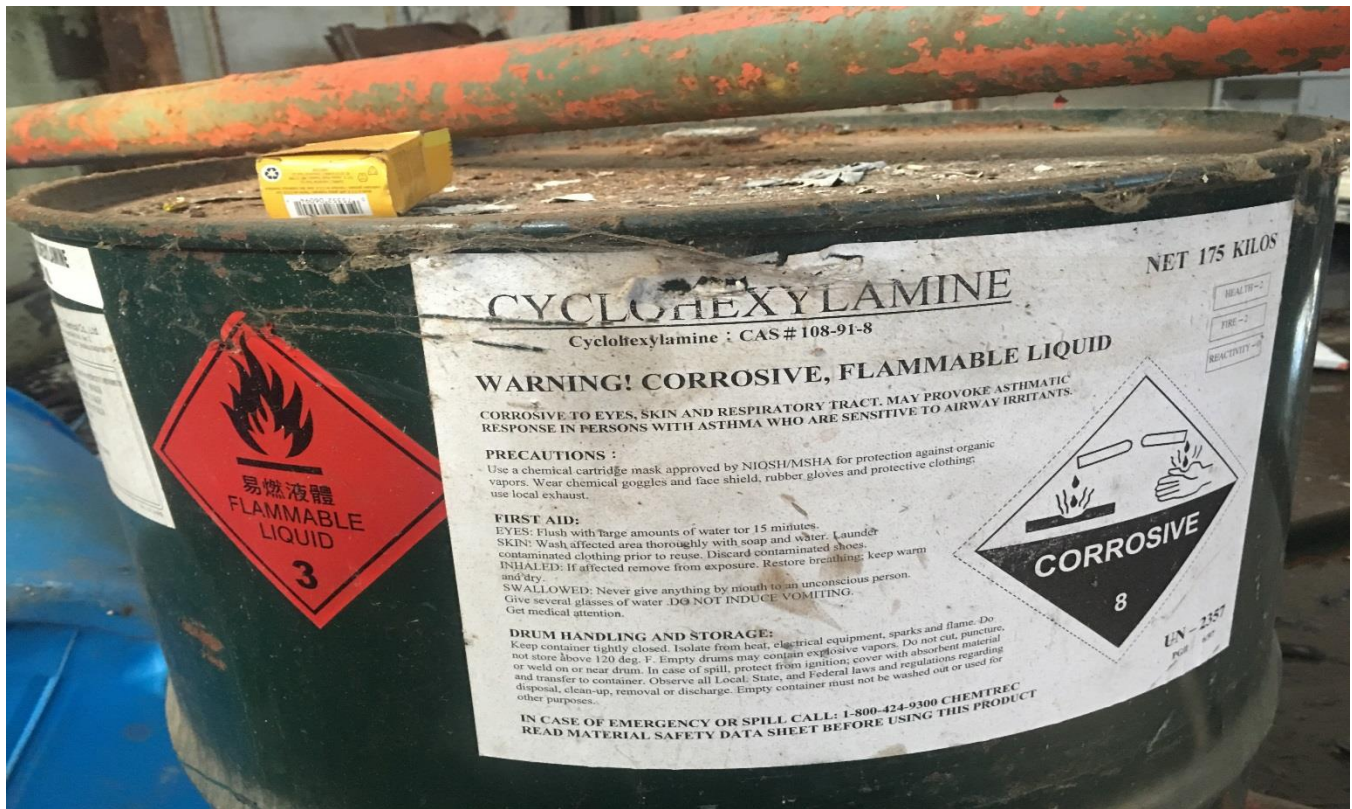
ACCEPTANCE

NAME/TITLE: Greg Bright, Deputy Project Manager

DATE: 03/31/17

SIGNATURE:

PHOTOS





OP 555 - Safety Meetings



SAFETY MEETING FORM

SIX QUESTIONS FOR SUCCESS – Take two minutes to think through and answer these questions:

1. What are we about to do?
2. What equipment are we going to use?
3. Have I/we been trained to use this equipment?
4. Have I/we been trained to do this job?
5. How can I/we be hurt?
6. How can I/we prevent this incident?

If you and your team aren't prepared to do the assigned work, STOP WORK, and take time to properly prepare.

Project Information

This sign-in log documents the topics of the safety meeting and individual attendance. Personnel who perform work operations onsite are required to attend and acknowledge their ability to ask questions and receipt of such briefings daily. Please provide a brief narrative of the selected topics as applicable to the Project in the comment box (ex. Name of AHA reviewed).

PROJECT NAME & LOCATION

UNC New Haven, New Haven, CT

PROJECT NO.

10-1007.00

DATE/TIME

5/30/17 0700

WEATHER CONDITIONS

Sunny

Topic

Discussion – check one

| | | | |
|--------------------------------------|--|---|---|
| Today's Scope of Work (All tasks) | <input checked="" type="checkbox"/> yes <input type="checkbox"/> n/a | Access / Egress / Slips, Trips, & Falls | <input type="checkbox"/> yes <input type="checkbox"/> n/a |
| Schedule / New Work / Scope Changes | <input type="checkbox"/> yes <input type="checkbox"/> n/a | Smoking, Eating, & Drinking | <input type="checkbox"/> yes <input type="checkbox"/> n/a |
| Reviewed Procedures, AHA, etc. | <input type="checkbox"/> yes <input type="checkbox"/> n/a | Washroom / Facilities Location | <input type="checkbox"/> yes <input type="checkbox"/> n/a |
| Emergency Action Plan & Procedures | <input type="checkbox"/> yes <input type="checkbox"/> n/a | Heat/Cold Stress | <input type="checkbox"/> yes <input type="checkbox"/> n/a |
| Communications Protocol | <input type="checkbox"/> yes <input type="checkbox"/> n/a | Exclusion Areas Barricades / Cones | <input type="checkbox"/> yes <input type="checkbox"/> n/a |
| Required PPE | <input type="checkbox"/> yes <input type="checkbox"/> n/a | Required Permits, Passes, Keys, etc. | <input type="checkbox"/> yes <input type="checkbox"/> n/a |
| Required Monitoring / Instruments | <input type="checkbox"/> yes <input type="checkbox"/> n/a | Decon Procedures / IDW Mgmt. | <input type="checkbox"/> yes <input type="checkbox"/> n/a |
| Site Control / Work Zones / Security | <input type="checkbox"/> yes <input type="checkbox"/> n/a | Eqpmt. Inspections/Safety Checklists | <input type="checkbox"/> yes <input type="checkbox"/> n/a |

OTHER/COMMENTS:

Safety Meeting Attendees

| Print Name | Signature |
|------------------------|-----------|
| Chris Powers | |
| BORY GRAY | |
| RICHARD FLORES | |
| Joselito P. Flores | |
| Ryan Petreli - Guedile | |

Safety Meeting Leader

| Name of Meeting Leader | Signature |
|------------------------|-----------|
| Ann Jacobs | |

3/30/17

OP 555 - Safety Meetings



CABRERA SERVICES
RADIOLOGICAL • ENGINEERING • REMEDIATION

Mike Plaus

[Signature]