

OP 359, Field Activity Documentation



CABRERA DAILY REPORT

1. PROJECT INFORMATION

PROJECT NAME/LOCATION: SUPPLEMENTAL RADIOLOGICAL SURVEY

DATE: 03/07/17

Former UNC Manufacturing Facility, New Haven, CT

REPORT NO. 011

CONTRACT #:

CABRERA PROJECT #: 10-1007.00

TASK #: 016

FIELD SITE MANAGER: Al Craig

PROJECT MANAGER: Rob Flowers

2. WEATHER

TEMPERATURE RANGE: 37-48 degrees F

WIND SPEED/DIRECTION: 5-9 mph SE

PRECIPITATION LAST 24 HOURS: ☐ YES ☒ NO

TYPE: NA

AMOUNT: 0.00"

BAROMETRIC PRESSURE: 30.26"

HUMIDITY: 29-73%

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 constructing ACM containment in center portion of Building 6H.
- Cabrera continued to setup gamma spectroscopy lab and prepare scanning instruments for building survey.
- Cabrera continued to provide radiological support during ACM abatement activities, including air monitoring and general contamination control monitoring.

4. MATERIALS & EQUIPMENT BROUGHT ON-SITE

- (2) Intermodals were delivered to the site and staged inside the second containment area (GFLU2120 and GFLU2008).

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? ☐ YES ☐ NO ☒ NA – IF NO, EXPLAIN:

8. CABRERA PERSONNEL ON-SITE		
EMPLOYEE NAME	TITLE	TASK(S) PERFORMED
Nick Berliner	Site Radiation Safety Lead (SRSL)	See Section 3 “Summary of Work” (8 Hrs)
Alfred Craig	Site Safety and Health Officer (SSHO)	See Section 3 “Summary of Work” (8 Hrs)
Stephan Owe	Environmental Scientist	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	Site Prep	7	56
TOTALS			7	56

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	

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
Totals					~16 Tons

ATTACH SEPARATE PAGES AS NEEDED. SEPARATE PAGES INCLUDED? ☐ YES ☒ 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 (sec) Does not include setup	Photo File #

ATTACH SEPARATE PAGES AS NEEDED. SEPARATE PAGES INCLUDED? ☐ YES ☒ 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:

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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,
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SAFETY INSPECTIONS

WAS A SAFETY INSPECTION CONDUCTED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

DEFICIENCIES NOTED: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	DESCRIBE:
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CORRECTIVE ACTIONS TAKEN: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	DESCRIBE:
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SUMMARY OF WORK PERFORMED

TYPE OF WORK:	Refer to description provided in Section 3
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CHEMICALS USED:	None
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PPE LEVEL:	Safety shoes, hard hats, and eye protection, safety vest
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INCIDENT & NEAR MISS/OBSERVATION REPORTING

ANY INCIDENTS ON-SITE TODAY? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	DESCRIPTION:
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CABRERA INCIDENT REPORTING FORM ATTACHED: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
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CLIENT SPECIFIC INCIDENT REPORTING FORM ATTACHED: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
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ANY NEAR MISSES/OBSERVATIONS ON-SITE TODAY? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	DESCRIPTION:
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H&S RECOMMENDATIONS

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16. REMARKS

- Jeff Semancik from CT Department of Energy and Environmental Protection visited the site. He asked if we had collected composite samples from the waste intermodals and counted them yet; we informed him that we had collected samples from the two IMCs filled so far and that they were dose-rated to confirm that they were not radiologically elevated, but that we were still in the process of setting up our gamma spec lab. He asked how many IMCs we anticipated filling for this field evolution; we informed him 15. He asked about how we were going to manage the drums; we told him we were going to consolidate non-empty drums into a room in 6H for eventual rad survey. The empty drums will be collected and surveyed; if there are no rad issues they will be volume reduced and added to non-rad materials for scrap or non-regulated disposal by the owner. If there is rad detected during the survey, the drums will be volume reduced and placed into IMCs for off-site disposal as LLRW. Drums still containing chemicals will also be surveyed out and staged onsite for the property owner if there are no rad issues. He asked if we were planning to do anything with the roof for now; we informed him that no, there would be a poly ceiling set up for each ACM abatement containment to establish a temporary ceiling for each ACM abatement phase.
- Greg Chandler and Ann Aragosa from DOE visited the site. They asked if we were on schedule so far; we responded that the ACM abatement task was slated for approximately 80 days in the schedule, and that for day 11 we felt things were progressing accordingly. They asked if we needed postings on the outside of the entryway to Building 6H; but we indicated that the entry to the building is not posted in order to not to maintain the low profile of the site; we are posting as necessary in the work areas inside the building.

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: Stephan Owe

DATE: 03/8/17

SIGNATURE:

**18. PROJECT MANAGER REVIEW & ACCEPTANCE**

REMARKS AND/OR EXCEPTIONS TO REPORT:

ACCEPTANCE

NAME/TITLE: Greg Bright, Deputy Project Manager

DATE: 03/8/17

SIGNATURE:

for Greg Bright

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

10.1007.00

DATE/TIME

3-7-2017

WEATHER CONDITIONS

40° F

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 checked="" 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 checked="" 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 Sign RWP for daily access remaining areas at the entrance. Inspect any ladders before use. Inspections of Arial lift and fall protection must be performed daily.

Safety Meeting Attendees

Print Name

Signature

Zonia aguilar
 [Signature]
 Fredi foreades
 Alejandra Corte
 RICHARD Flores

Zonia aguilar
 [Signature]
 [Signature]
 [Signature]
 [Signature]

Safety Meeting Leader

Al Craig / SSHO

[Signature]

Print Name

Signature

OP 555 - Safety Meetings



CABRERA SERVICES
RADIOLOGICAL • ENGINEERING • REMEDIATION

Chris Powers
RORY GRAM
Stephen Dan
Duffrey D. Sanchez
Nick Berlinen
Greg Chavell
Ann Aragoas

Chris
Rory
Stephen
Duffrey D. Sanchez
Nick Berlinen
Greg Chavell
Ann Aragoas