

OP 359, Field Activity Documentation



CABRERA DAILY REPORT

1. PROJECT INFORMATION

PROJECT NAME/LOCATION: SUPPLEMENTAL RADIOLOGICAL SURVEY
Former UNC Manufacturing Facility, New Haven, CT

DATE: 06/26/17

REPORT NO. 088

CONTRACT #:

CABRERA PROJECT #: 10-1007.00

TASK #: 016

FIELD SITE MANAGER: Mike Plonski

PROJECT MANAGER: Rob Flowers

2. WEATHER

TEMPERATURE RANGE: 62-82 degrees F

WIND SPEED/DIRECTION: 5-25 mph E

PRECIPITATION LAST 24 HOURS: ☐ YES ☒ NO

TYPE: NA

AMOUNT: 0.00"

BAROMETRIC PRESSURE: 29.89"

HUMIDITY: 70-100%

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.
- Completed daily quality control checks on gamma spec and other radiological counting instrumentation.
- Continued floor survey of 3H to include alpha, beta and gamma scans.
- Completed analysis of 13 metal pieces (samples UNC-2017-002 through UNC-2017-014) found in Building 3H, distributed results to stakeholders

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		

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	SRSL/OSLM		See Section 3 “Summary of Work” (8 Hrs)	
Wade Fillingame	HP TECH		See Section 3 “Summary of Work” (8 Hrs)	
9. SUBCONTRACTOR PERSONNEL ON-SITE				
SUBCONTRACTOR NAME	JOB DUTY	TASK(S) PERFORMED	# OF PERSONNEL	MAN-HOURS
TOTALS				

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	6/6/2017
NEMF	Wheel Scale			02/21/2017	6/20/2017
Williams Scotsman	1 8' by 20' connex box		Active	06/22/2016	
United Rentals	Scaffold			03/23/2017	5/23/2017
Cabrera	1 heater			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)
ERRU000312	Solid	Soil/ Garbage/ Debris/ ACM	Intermodal	Building 3H	~12.34 Tons
MHFU-002362	Solid	Soil/ Garbage/ Debris/ ACM	Intermodal	Building 3H	~11.38 Tons
GFLU002079	Solid	Soil/ Garbage/ Debris/ ACM	Intermodal	Building 6H	~12.74 Tons
GFLU-001032	Solid	Soil/ Garbage/ Debris/ ACM	Intermodal	Building 3H	~11.26 Tons
EERU-000310	Solid	Soil/ Garbage/ Debris/ ACM	Intermodal	Building 3H	~12.09 Tons
GFLU-001742	Solid	Soil/ Garbage/ Debris/ ACM	Intermodal	Building 3H	~9.79 Tons
GFLU-002123	Solid	Soil/ Garbage/ Debris/ ACM	Intermodal	Building 3H	~10.93 Tons
Totals					~80.53 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 (min) 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

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17. VERIFICATION STATEMENT

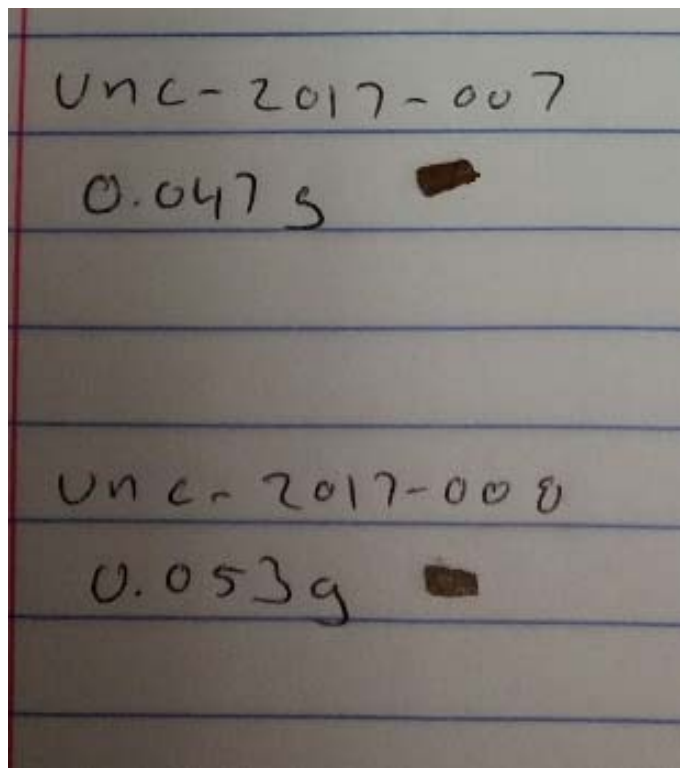
This report is complete and correct and all materials and equipment used and work performed during this reporting period are in compliance with the contract plans and specifications except as noted above.	
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NAME/TITLE: Mike Plonski	SIGNATURE:
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DATE: 06/27/17

18. PROJECT MANAGER REVIEW & ACCEPTANCE	
REMARKS AND/OR EXCEPTIONS TO REPORT:	
ACCEPTANCE	
NAME/TITLE: Greg Bright, Deputy Project Manager	SIGNATURE: for Greg Bright
DATE: 06/27/17	

PHOTOS



Picture of sample UNC-2017-007 and UNC-2017-008. Both shards have a similar composition and near identical weights. Sample #7 is HEU and sample #8 was non-detect for all radionuclides.

OP 555 - Safety Meetings



CABRERA SERVICES
RADIOLOGICAL · ENGINEERING · REMEDIATION

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

PROJECT NO.

10-1007.00

DATE/TIME

6/26/17

WEATHER CONDITIONS

Sunny 70's

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
Wade Fillingame	

Safety Meeting Leader

Mike Plasse	
Name of Meeting Leader	Signature