Appendix A: Field Forms and Photographic Log

A-1: Visitors Log
A-2: Daily MEC Activity Logs
A-3: Daily Safety Logs
A-4: Daily Safety Sign In
A-5: Daily QC Reports
A-6: MC Field Logbook
A-7: Soil Sample Logs
A-8: Chain-of-Custodies
A-9: Photographic Logs

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Appendix A-1: Visitors Log

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NOTIFICATION: THIS PAGE CONTAINS SENSITIVE BUT UNCLASSIFIED INFORMATION WHICH IS PROTECTED BY THE FREEDOM OF INFORMATION ACT

EXEMPTION 3. (5 USC 552(b)(3))

Information exempted by other statutes

10 USC Section 130(e) Treatment of Certain Critical Infrastructure Security Information

TO REQUEST A COPY OF THE DOCUMENT PLEASE CONTACT

Department of the Navy
Freedom of Information Act Office

http://www.secnav.navy.mil/foia/Pages/default.aspx

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Appendix A-2: Daily MEC Activity Logs

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NOTIFICATION: THIS PAGE CONTAINS SENSITIVE BUT UNCLASSIFIED INFORMATION WHICH IS PROTECTED BY THE FREEDOM OF INFORMATION ACT

EXEMPTION 3. (5 USC 552(b)(3))

Information exempted by other statutes

10 USC Section 130(e) Treatment of Certain Critical Infrastructure Security Information

TO REQUEST A COPY OF THE DOCUMENT PLEASE CONTACT

Department of the Navy
Freedom of Information Act Office

http://www.secnav.navy.mil/foia/Pages/default.aspx

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Appendix A-3: Daily Safety Logs

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NOTIFICATION: THIS PAGE CONTAINS SENSITIVE BUT UNCLASSIFIED INFORMATION WHICH IS PROTECTED BY THE FREEDOM OF INFORMATION ACT

EXEMPTION 3. (5 USC 552(b)(3))

Information exempted by other statutes

10 USC Section 130(e) Treatment of Certain Critical Infrastructure Security Information

TO REQUEST A COPY OF THE DOCUMENT PLEASE CONTACT

Department of the Navy
Freedom of Information Act Office

http://www.secnav.navy.mil/foia/Pages/default.aspx

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Appendix A-4: Daily Safety Sign In

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NOTIFICATION: THIS PAGE CONTAINS SENSITIVE BUT UNCLASSIFIED INFORMATION WHICH IS PROTECTED BY THE FREEDOM OF INFORMATION ACT

EXEMPTION 3. (5 USC 552(b)(3))

Information exempted by other statutes

10 USC Section 130(e) Treatment of Certain Critical Infrastructure Security Information

TO REQUEST A COPY OF THE DOCUMENT PLEASE CONTACT

Department of the Navy
Freedom of Information Act Office

http://www.secnav.navy.mil/foia/Pages/default.aspx

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Appendix A-5: Daily QC Reports

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NOTIFICATION: THIS PAGE CONTAINS SENSITIVE BUT UNCLASSIFIED INFORMATION WHICH IS PROTECTED BY THE FREEDOM OF INFORMATION ACT

EXEMPTION 3. (5 USC 552(b)(3))

Information exempted by other statutes

10 USC Section 130(e) Treatment of Certain Critical Infrastructure Security Information

TO REQUEST A COPY OF THE DOCUMENT PLEASE CONTACT

Department of the Navy
Freedom of Information Act Office

http://www.secnav.navy.mil/foia/Pages/default.aspx

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Appendix A-6: MC Field Logbook

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3-6-2024 Wednesday

Weather: Calm, overcast 35°F

0800 Mitch Baron on site to collect post Demo operations MC soil samples. at site UXO 7.

Four demo pits were excavated in prep for use of which three were used.

MB. ~~Same~~ 4 locations ~~as~~ were used previosly, see 11-2-2022 log entry for location and arrangement. ~~Demo Pit 1~~

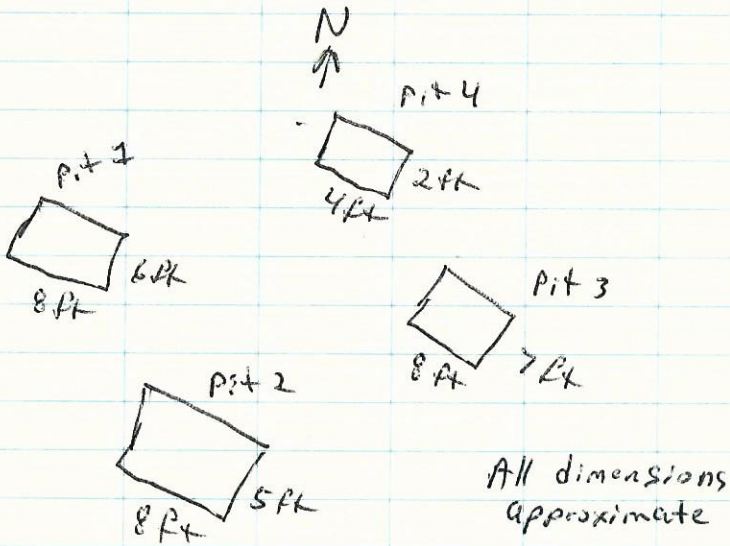
MB. ~~not used~~. All pits were excavated to ~3 ft in prep for use.

0815 Discuss Sample op w/ crew and safety brief.

The 4 Demo pits were in the same area as on 11-2-2022 but not the same pits as before.

MB.

3-6-2022 Continued



Pit 4 Not used.

0900 Collect aliquots at Pit 1 from 36 to 42 inch depths as X7-TP-C01-3642

0920 At Demo Pit 2, collect aliquots at 2 to 2 ½ ft depths

0925 Complete collection of sample X7-TP-C02-2430

0935 and duplicate sample FA-030624 01

MB.

3-6-2024 Continued

0955 Complete sample collection at demo pit 3 as X7-TP-03-2436 at 2 to 3 ft depth Identify sample for MS/MSD.

1030 Note all samples collected using dedicated bowls and spoons. No decon necessary and no IDW wash water generated. Sample operations complete. Depart site.

1200 Prep COCs and package samples for shipment.

1500 Drop sample coolers at FedEx for next day delivery to Eurofins Denver and Metiry Group (formerly APPL).

MB.

Appendix A-7: Soil Sample Logs

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SOIL & SEDIMENT SAMPLE LOG SHEET

TETRA TECH

Event: MC Sample Collection
Project Site Name: NBK Bangor
Project No.: 112G08005-NW194112

Sample ID No.: X7-TP-C01-3642	Sampled By: Mitch Baron
Sample Location: UX07 Demo Pit #1	Sample Date: 3-6-2024
QA/QC Duplicate ID:	MS/MSD Collected: YES (NO)

MATRIX / CONCENTRATION:

- [X] Surface Soil
- [ ] Subsurface Soil
- [ ] Sediment
- [X] Low Concentration
- [ ] High Concentration

GRAB SAMPLE DATA:

Time: / Method: / Monitor Reading (ppm):	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)

MULTIPLE / COMPOSITE SAMPLE DATA:

Method: PID Readings (Range in ppm):

Sample ID	Time	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
X7-TP-C01-3642	0900	36-42 in	Brown	Sandy gravel

SAMPLE COLLECTION INFORMATION:

Analysis	Method	Preservative	Number	Vol.	Bottle Type	Collected
Explosives	8330B	None	1	8 oz	Jar	
Nitroguanidine	8321B	None	1	4 oz	Jar	
SVOCs (3)	8270E	None	1	8 oz	Jar	
Moisture	D2216	↓	↓	↓	↓	
Nitrocellulose	353.2M	None	1	4 oz	Jar	

OBSERVATIONS / NOTES:

5 point composite

MAP:

Coordinates:	N	E	

Signature(s): Mitch Baron

SOIL & SEDIMENT SAMPLE LOG SHEET

TETRA TECH

Event: MC Sample Collection
Project Site Name: NBK Bangor
Project No.: 112G08005-NW194112

Sample ID No.: X7-TP-C02-2430	Sampled By: Mitch Baron
Sample Location: UX07 Demo Pit #2	Sample Date: 3-6-2024
QA/QC Duplicate ID: FD-03062401	MS/MSD Collected: YES (NO)

MATRIX / CONCENTRATION:

- [X] Surface Soil
- [ ] Subsurface Soil
- [ ] Sediment
- [X] Low Concentration
- [ ] High Concentration

GRAB SAMPLE DATA:

Time:	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Method:			
Monitor Reading (ppm):			

MULTIPLE / COMPOSITE SAMPLE DATA:

Method: | PID Readings (Range in ppm):

Sample ID	Time	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
X7-TP-C02-2430	0925	24-30 in	Brown	Sandy gravel

SAMPLE COLLECTION INFORMATION:

Analysis	Method	Preservative	Number	Vol.	Bottle Type	Collected
Explosives	8330B	None	1	8 oz	Jar	
N-Triguanidine	8321B	None	1	4 oz	Jar	
SVOCs (3)	8270E	None	1	8 oz	Jar	
Moisture	D2216	↓	↓	↓	↓	
Nitrocellulose	353.2M	None	1	4 oz	Jar	

OBSERVATIONS / NOTES:

5 Point Composite

MAP:

Coordinates:	N	E	

Signature(s): Mitch Baron

SOIL & SEDIMENT SAMPLE LOG SHEET

TETRA TECH

Event: MC Sample Collection
Project Site Name: NBK Bangor
Project No.: 112G08005-NWJ94112

Sample ID No.: X7-TP-C03-2436	Sampled By: Mitch Baron
Sample Location: UXO7 Demo Pit #3	Sample Date: 3-6-2024
QA/QC Duplicate ID:	MS/MSD Collected: (YES) NO

MATRIX / CONCENTRATION:

- [X] Surface Soil
- [ ] Subsurface Soil
- [ ] Sediment
- [X] Low Concentration
- [ ] High Concentration

GRAB SAMPLE DATA:

Time:	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Method:			
Monitor Reading (ppm):			

MULTIPLE / COMPOSITE SAMPLE DATA:

Method: PID Readings (Range in ppm):

Sample ID	Time	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
X7-TP-C03-2436	0955	24-36 in	Brown	Sandy gravel

SAMPLE COLLECTION INFORMATION:

Analysis	Method	Preservative	Number	Vol.	Bottle Type	Collected
Explosives	8330B	None	1	8 oz	Jar	
Nitroguanidine	8321B	None	1	4 oz	Jar	
SVOCs (3)	8270E	None	1	8 oz	Jar	
Moisture	D2216	↓	↓	↓	↓	
Nitrocellulose	353.2M	None	1	4oz	Jar	

OBSERVATIONS / NOTES:

5 Point Composite

MAP:

Coordinates:	N	E	

Signature(s): Mitch Baron

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Appendix A-8: Chain-of-Custodies

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Eurofins Denver
4955 Yarrow Street
Arvada, CO 80002
Phone (303) 736-0100 Phone (303) 431-7171

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: Mitch Baron	Lab PM: Turner, Shelby R	Carrier Tracking No(s):	COC No: 2264668
Client Contact: Mitch Baron	Phone: 360-908-3246	E-Mail: Shelby.Turner@et.eurofinsus.com	State of Origin:	Page: 1 of 1
Company: Tetra Tech, Inc.	PWSID:			Job #:
Address: 19803 North Creek Parkway	Due Date Requested:			
City: Bothell	TAT Requested (days):			
State, Zip: WA, 98011	Compliance Project: Δ Yes Δ No			
Phone: ~~412-600-8502(Tel)~~ 360-908-3246	PO #: Purchase Order Requested			
Email: Mitch.Baron@tetratech.com	WO #:			
Project Name: NB Kitsap Bangor CTO NW194112, WA	Project #: 28023939			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL; B - NaOH; C - Zn Acetate; D - Nitric Acid; E - NaHSO4; F - MeOH; G - Amchlor; H - Ascorbic Acid; I - Ice; J - DI Water; K - EDTA; L - EDA; M - Hexane; N - None; O - AsNaO2; P - Na2O4S; Q - Na2SO3; R - Na2S2O3; S - H2SO4; T - TSP Dodecahydrate; U - Acetone; V - MCAA; W - pH 4-5; Y - Trizma; Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8330B_DOD5 - Explosives, Client list with 3,5-DNA, Picric & Diaminos	8321B_NGu - Nitroguanidine (LC/MS)	8270E_DOD5 - 2,4-Dinitrophenol, Diphenylamine, N-Nitrosodiphenylamine, Moisture		6010D_DOD5 - TCLP RCRA Metals, 7470A_DOD5 - TCLP Mercury	9012B_NP_DOD5 - Total Cyanide	8321A_Herb_DOD5 - TCLP Herbicides	1010A - Ignitability	9034 - Sulfide	8081B_DOD5 - TCLP Pesticides	9040C - pH / Corrosivity	8260D_DOD5 - TCLP VOCs	8270E_DOD5 - TCLP SVOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N		N	B	N	N	CB	N	N	N	N		
X7-TP-C01-3642	3-6-2024	0900	C	S			X	X	X											3	
X7-TP-C02-2430	3-6-2024	0925	C	S			X	X	X											3	
FD-03062401	3-6-2024	0935	C	S			X	X	X											3	
X7-TP-C03-2436	3-6-2024	0955	C	S		Y	X	X	X											3	Run MS/MSD

M. Baron 3-6-2024

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Mitch Baron Mitch Baron Sealed in Cooler	3-6-2024 1400	Tetra Tech			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

APPL, Inc.
908 N Temperance Ave
Clovis, CA 93611
www.applinc.com

Phone: (559) 275-2175
Fax: (559) 275-4422
coc@applinc.com

CHAIN OF CUSTODY RECORD

Bottle order 23K0023

C.O.C. 61943

Report to: PLEASE PRINT	Invoice to: PLEASE PRINT
Company Name: Tetra Tech Phone: 360-908-3246	Company Name: Tetra Tech Phone:
Address: 661 Anderson Dr. Pittsburgh, PA 15220 Fax:	Address: 661 Anderson Dr., Foster Plaza 7 Pittsburgh, PA 15220 Fax:
Attn: Mitch Baron	Attn: Accounts Payable
Email: mitch.baron@tetratech	Email: NUS.AP@tetratech.com

Project Name/Number	Sampler (Print)										Analysis Requested/Method Number												Date Shipped:
CTO NW19412 NB Kitsap Bangor	Mitch Baron																						Carrier:
Purchase Order Number	Sampler (Signature)																						Waybill No.:
1132337	Mitch Baron																						Comments:
Sample Identification	Location	Date Collected	Time Collected	Time Zone	No. of Containers	Matrix: Aq	Matrix: Sed.	Matrix: Soil		353.2M Nitrate Nitrite													
X7-TP-C01-3642	NBK Bangor	3-6-24	0900	PST	1			X		X													
X7-TP-C02-2430	NBK Bangor	3-6-24	0925	PST	1			X		X													
FD-03062401	NBK Bangor	3-6-24	0935	PST	1			X		X													
X7-TP-C03-2436	NBK Bangor	3-6-24	0955	PST	1			X		X													ms/msd

M. Baron 3-6-2024

Shuttle Temperature:

Turnaround Requested: Check one
☒ Standard 2-3 wk ☐ One week ☐ 3 days ☐ 24/48 Hrs. ☐ Other:

Sample Disposal:
☐ Return to client ☒ Disposal by Lab (30-day retention)

Relinquished by sampler:	Date	Time	Received by:	Relinquished by:	Date	Time	Received by:
Mitch Baron Sealed in cooler	3-6-24	1340					
Relinquished by:	Date	Time	Received by:	Relinquished by:	Date	Time	Received at lab by:

White: Return to client with report Yellow: Laboratory Copy See reverse side for Container Preservative and Sampling Information

Appendix A-9: Photographic Logs

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NBK BANGOR - SITE PHOTOGRAPHIC LOG
SITE PREPARATION, VEGETATION MANAGEMENT, & SITE FEATURES

Date:	Photographer:
07/19/2023	Melissa King

EM61 High Power data collector

Date:	Photographer:
07/19/2023	Melissa King

EM61 High Power data collector

Date:	Photographer:
07/19/2023	Melissa King

EM61 High Power data collector

Date:	Photographer:
07/19/2023	Melissa King

Small ISOs

Date:	Photographer:
07/19/2023	Melissa King

RTS unit for EM61 HP data collector

Date:	Photographer:
07/19/2023	Melissa King

RTS unit for EM61 HP data collector

Date:	Photographer:
11/08/2023	Tony Aguirre

EM61 HP set up collecting IVS

Date:	Photographer:
11/08/2023	Tony Aguirre

EM61 HP set up collecting IVS

Date:	Photographer:
11/08/2023	Tony Aguirre

EM61 HP set up collecting IVS

Date:	Photographer:
10/21/2023	Charlie Escola

UXO 02 after pick up of MDAS shipping containers

Date:	Photographer:
10/21/2023	Charlie Escola

UXO 02 after pick up of MDAS shipping containers

Date:	Photographer:
10/21/2023	Charlie Escola

UXO 02 after pick up of MDAS shipping containers

NBK BANGOR - SITE PHOTOGRAPHIC LOG
SITE PREPARATION, VEGETATION MANAGEMENT, & SITE FEATURES

Date:	Photographer:
06/12/2023	Melissa King

NBK Bangor, Lower Base, UXO 08
Pre-Vegetation Management

Date:	Photographer:
06/12/2023	Melissa King

NBK Bangor, Lower Base, UXO 08
Post-Vegetation Management

Date:	Photographer:
06/13/2023	Melissa King

Hazardous tree in UXO 15

Date:	Photographer:
06/13/2023	Melissa King

Hazardous tree in UXO 15

NBK BANGOR - SITE PHOTOGRAPHIC LOG
SITE PREPARATION, VEGETATION MANAGEMENT, & SITE FEATURES

Date:	Photographer:
06/13/2023	Melissa King

NBK Bangor, Lower Base, UXO 15
Pre-Vegetation Management

Date:	Photographer:
06/13/2023	Melissa King

NBK Bangor, Lower Base, UXO 15
Pre-Vegetation Management

Date:	Photographer:
06/13/2023	Melissa King

Hazardous tree in UXO 15, root system

Date:	Photographer:
06/13/2023	Melissa King

Hazardous tree in UXO 15

NBK BANGOR - SITE PHOTOGRAPHIC LOG
SITE PREPARATION, VEGETATION MANAGEMENT, & SITE FEATURES

Date:	Photographer:
08/18/2023	Melissa King

UXO 15, leaning tree (widow maker), Tree felling operations - UXO 15, leaning tree (widow maker), Tree felling operations, top portion cut

Date:	Photographer:
08/18/2023	Melissa King

UXO 15, leaning tree (widow maker), Tree felling operations - UXO 15, leaning tree (widow maker), Tree felling operations, top portion cut

Date:	Photographer:
08/18/2023	Melissa King

UXO 15, leaning tree (widow maker), Tree felling operations - UXO 15, leaning tree (widow maker), Completed

Date:	Photographer:
08/18/2023	Melissa King

UXO 15, leaning tree (widow maker), Tree felling operations - UXO 15, leaning tree (widow maker)

Date:	Photographer:
08/18/2023	Melissa King

UXO 15, leaning tree (widow maker)
Leaning toward fence, needing tree felling with rope climbing.

Date:	Photographer:
08/18/2023	Melissa King

UXO 15, leaning tree (widow maker)
Leaning toward fence, needing tree felling with rope climbing.

Date:	Photographer:
08/18/2023	Melissa King

UXO 15, leaning tree (widow maker)
Leaning toward fence, needing tree felling with rope climbing.

Date:	Photographer:
08/18/2023	Melissa King

UXO 15, leaning tree (widow maker), beginning of tree felling operations - Darrel Emil's personal beginning of climbing of tree

Date:	Photographer:
08/18/2023	Melissa King

UXO 15, leaning tree (widow maker), Tree felling operations, adjacent tree set up

Date:	Photographer:
08/18/2023	Melissa King

UXO 15, leaning tree (widow maker), Tree felling operations - Leaning tree toward fence, anchored

Date:	Photographer:
08/18/2023	Melissa King

UXO 15, leaning tree (widow maker), Tree felling operations - Leaning tree toward fence, anchored

Date:	Photographer:
11/08/2023	Tony Aguirre

EM61 HP set up collecting IVS

Date:	Photographer:
11/08/2023	Tony Aguirre

EM61 HP set up collecting IVS

Date:	Photographer:
11/08/2023	Tony Aguirre

EM61 HP set up collecting IVS

Date:	Photographer:
12/06/2023	Charlie Escola

UXO 11B, Inside depression

Date:	Photographer:
12/06/2023	Charlie Escola

UXO 11B, Inside depression

Date:	Photographer:
12/06/2023	Charlie Escola

UXO 11B, covering of depression in cultural area

Date:	Photographer:
12/06/2023	Charlie Escola

UXO 11B, cultural and depression area tapped off

Date:	Photographer:
12/06/2023	Charlie Escola

UXO 11B, covering of depression in cultural area

Date:	Photographer:
12/06/2023	Charlie Escola

UXO 11B, Inside depression

Date:	**Photographer:**
12/06/2023	Charlie Escola

UXO 11B, Inside depression

TETRA TECH

NBK BANGOR - SITE PHOTOGRAPHIC LOG
MEC, MDAS, AND OTHER FINDINGS LOG
UXO 3 (SITE D)

Date:	Photographer:
08/30/2023	Melissa King

UXO 3 MEC ID# 0315
Fuze, BD, MK19 series

Date:	Photographer:
08/30/2023	Melissa King

Zoom In - UXO 3 MEC ID# 0315

Date:	Photographer:
08/30/2023	Melissa King

UXO 3 MEC ID# 0316
Fuze, Mk19 series

Date:	Photographer:
08/30/2023	Melissa King

Zoom In - UXO 3 MEC ID# 0316

NBK BANGOR - SITE PHOTOGRAPHIC LOG
MEC, MDAS, AND OTHER FINDINGS LOG
UXO 6 (SITE 22)

Date:	Photographer:
10/09/2023	Melissa King

UXO 06 MEC in place before removal and inspection

Date:	Photographer:
10/09/2023	Melissa King

UXO 06 MEC in place before removal and inspection

Date:	Photographer:
10/09/2023	Melissa King

UXO 06 MEC in place before removal and inspection

Date:	Photographer:
10/09/2023	Melissa King

UXO 06 MEC in place before removal and inspection

NBK BANGOR - SITE PHOTOGRAPHIC LOG
MEC, MDAS, AND OTHER FINDINGS LOG
UXO 6 (SITE 22)

Date:	Photographer:
10/09/2023	Melissa King

UXO 06 MEC and MDAS in place before removal and inspection

Date:	Photographer:
10/09/2023	Melissa King

UXO 06 MEC and MDAS in place before removal and inspection

Date:	Photographer:
10/09/2023	Melissa King

UXO 06 MEC and MDAS in place before removal and inspection

Date:	Photographer:
10/09/2023	Melissa King

UXO 06 MEC and MDAS in place before removal and inspection

TETRA TECH

NBK BANGOR - SITE PHOTOGRAPHIC LOG
MEC, MDAS, AND OTHER FINDINGS LOG
UXO 6 (SITE 22)

Date: 10/09/2023	**Photographer:** Melissa King

UXO 06 MEC and MDAS in place before removal and inspection

Date: 10/09/2023	**Photographer:** Melissa King

UXO 06 MEC and MDAS in place before removal and inspection

Date: 10/09/2023	**Photographer:** Melissa King

UXO 06 MEC and MDAS in place before removal and inspection

Date: 10/09/2023	**Photographer:** Melissa King

UXO 06 MEC and MDAS in place before removal and inspection

NBK BANGOR - SITE PHOTOGRAPHIC LOG
MEC, MDAS, AND OTHER FINDINGS LOG
UXO 6 (SITE 22)

Date:	Photographer:
10/09/2023	Melissa King

UXO 06 MEC and MDAS in place before removal and inspection

Date:	Photographer:
10/09/2023	Melissa King

UXO 06 MEC and MDAS in place before removal and inspection

Date:	Photographer:
10/09/2023	Melissa King

UXO 06 MEC and MDAS in place before removal and inspection

Date:	Photographer:
10/09/2023	Melissa King

UXO 06 MEC and MDAS in place before removal and inspection

NBK BANGOR - SITE PHOTOGRAPHIC LOG
MEC, MDAS, AND OTHER FINDINGS LOG
UXO 6 (SITE 22)

Date:	Photographer:
10/09/2023	Melissa King

UXO 06 MEC and MDAS in place before removal and inspection

Date:	Photographer:
10/09/2023	Melissa King

UXO 06 MEC and MDAS in place before removal and inspection

Date:	Photographer:
10/09/2023	Melissa King

UXO 06 MEC and MDAS in place before removal and inspection, mixed with NMRD

Date:	Photographer:
10/10/2023	Charlie Escola

UXO 06 MDAS collection 01 (Total: 51 items) - Cartridge casings various sizes, shipping containers and various items

NBK BANGOR - SITE PHOTOGRAPHIC LOG
MEC, MDAS, AND OTHER FINDINGS LOG
UXO 6 (SITE 22)

Date:	Photographer:
10/10/2023	Charlie Escola

UXO 06 MEC and MDAS in place before removal and inspection

Date:	Photographer:
10/10/2023	Charlie Escola

UXO 06 MDAS collection 01

Date:	Photographer:
10/11/2023	Charlie Escola

UXO 06 MEC and MDAS in place before removal and inspection

Date:	Photographer:
10/11/2023	Charlie Escola

UXO 06 MEC and MDAS in place before removal and inspection

NBK BANGOR - SITE PHOTOGRAPHIC LOG
MEC, MDAS, AND OTHER FINDINGS LOG
UXO 6 (SITE 22)

Date: 10/11/2023	**Photographer:** Charlie Escola

UXO 06 MEC and MDAS in place before removal and inspection

Date: 10/11/2023	**Photographer:** Charlie Escola

UXO 06 MEC and MDAS in place before removal and inspection

Date: 10/11/2023	**Photographer:** Charlie Escola

UXO 06 MEC and MDAS in place before removal and inspection

Date: 10/11/2023	**Photographer:** Charlie Escola

UXO 06 MEC and MDAS in place before removal and inspection

NBK BANGOR - SITE PHOTOGRAPHIC LOG
MEC, MDAS, AND OTHER FINDINGS LOG
UXO 6 (SITE 22)

Date:	Photographer:
10/11/2023	Charlie Escola

UXO 06 MEC and MDAS in place before removal and inspection - Fuze MT

Date:	Photographer:
10/11/2023	Charlie Escola

UXO 06 MEC and MDAS in place before removal and inspection - Fuze MT (different angle)

Date:	Photographer:
10/11/2023	Charlie Escola

UXO 06 MEC and MDAS in place before removal and inspection - Fuze MT (different angle)

Date:	Photographer:
10/11/2023	Charlie Escola

UXO 06 MEC and MDAS in place before removal and inspection - Fuze MT (different angle)

NBK BANGOR - SITE PHOTOGRAPHIC LOG
MEC, MDAS, AND OTHER FINDINGS LOG
UXO 6 (SITE 22)

Date:	Photographer:
10/16/2023	Charlie Escola

UXO 06 MEC, ID #s 0607-0635
Qty: 28ea, Cartridge Casings

Date:	Photographer:
10/16/2023	Charlie Escola

UXO 06 MEC, ID #s 0636-0660
Qty: 24ea, Cartridge Casings

Date:	Photographer:
10/16/2023	Charlie Escola

UXO 06 MEC, ID #s 0661-0674
13ea, Cartridge Casings

Date:	Photographer:
10/17/2023	Charlie Escola

UXO 06 MDAS collection 02 - Cartridge casings various sizes, shipping containers and various items

NBK BANGOR - SITE PHOTOGRAPHIC LOG
MEC, MDAS, AND OTHER FINDINGS LOG
UXO 10 (SITE 12)

Date:	**Photographer:**
07/26/2023	Melissa King

UXO 10 NMRD Pile, (Non-Munition Related Debris), Pile 01

Date:	**Photographer:**
07/26/2023	Melissa King

UXO 10 NMRD Pile, (Non-Munition Related Debris), Pile 02

NBK BANGOR - SITE PHOTOGRAPHIC LOG
MEC, MDAS, AND OTHER FINDINGS LOG
UXO 11B (SITE 8)

Date:	Photographer:
12/06/2023	Charlie Escola

UXO 11B, covering of depression in cultural area

Date:	Photographer:
12/06/2023	Charlie Escola

UXO 11B, cultural and depression area tapped off

Date:	Photographer:
12/06/2023	Charlie Escola

UXO 11B, covering of depression in cultural area

Date:	Photographer:
12/06/2023	Charlie Escola

UXO 11B, Inside depression

NBK BANGOR - SITE PHOTOGRAPHIC LOG
MEC, MDAS, AND OTHER FINDINGS LOG
UXO 11B (SITE 8)

Date:	Photographer:
12/06/2023	Charlie Escola

UXO 11B, Inside depression

Date:	Photographer:
12/06/2023	Charlie Escola

UXO 11B, Inside depression

Date:	Photographer:
12/06/2023	Charlie Escola

UXO 11B, Inside depression

NBK BANGOR - SITE PHOTOGRAPHIC LOG
MEC, MDAS, AND OTHER FINDINGS LOG
UXO 15 (SITE KK)

Date:	**Photographer:**
08/24/2023	Melissa King

Cable wire in grid H01 at UXO 15

NBK BANGOR - SITE PHOTOGRAPHIC LOG
MEC, MDAS, AND OTHER FINDINGS LOG
UXO 16 (SITE LL)

Date:	**Photographer:**
07/05/2023	Melissa King

UXO 16 MEC item: 20mm projectile
ID: 1601

Date:	**Photographer:**
07/05/2023	Melissa King

UXO 16 MEC item: 20mm projectile
ID: 1601

Date:	Photographer:
11/06/2023	Tony Aguirre

MDAS Demil operations

Date:	Photographer:
11/06/2023	Tony Aguirre

MDAS Demil operations

Date:	Photographer:
11/06/2023	Tony Aguirre

MDAS Demil operations

Date:	Photographer:
11/06/2023	Tony Aguirre

MDAS Demil operations

NBK BANGOR - SITE PHOTOGRAPHIC LOG
MEC, MDAS, AND OTHER FINDINGS LOG
LAYDOWN YARD

Date:	Photographer:
11/06/2023	Tony Aguirre

MDAS Demil operations

Date:	Photographer:
01/30/2024	Charlie Escola

UXO 03 East, MEC #0318-E
Booster, Bomb, Photoflash, AN-M46

Date:	Photographer:
01/30/2024	Charlie Escola

UXO 03 East, MEC #0317-E
Booster, Bomb, Photoflash, AN-M46

Date:	Photographer:
01/31/2024	Charlie Escola

UXO 03 East, MEC #0319-E
Booster, Bomb, Photoflash, AN-M46

TETRA TECH

NBK BANGOR - SITE PHOTOGRAPHIC LOG
QC SEEDS

Date:	Photographer:
06/14/2023	Melissa King

UXO 15 QC Seed – Surface
QCS4 UXO15 0614 H03

Date:	Photographer:
06/14/2023	Melissa King

UXO 15 QC Seed – Surface
QCS3 UXO15 0614 G03

Date:	Photographer:
06/14/2023	Melissa King

UXO 15 QC Seed – Surface
QCS2 UXO15 0614 D03

Date:	Photographer:
06/14/2023	Melissa King

UXO 15 QC Seed – Surface
QCS1 UXO15 0614 B03

NBK BANGOR - SITE PHOTOGRAPHIC LOG
QC SEEDS

Date:	Photographer:
06/19/2023	Melissa King

UXO 15 QC Seed – Surface
QCS1 UXO15 0619 F06

Date:	Photographer:
06/19/2023	Melissa King

UXO 15 QC Seed – Surface
QCS2 UXO15 0619 F06

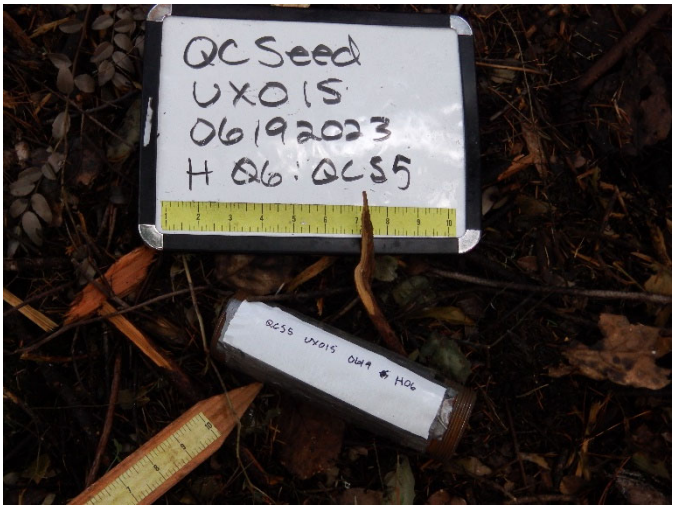
Date:	Photographer:
06/19/2023	Melissa King

UXO 15 QC Seed – Surface
QCS3 UXO15 0619 G06

Date:	Photographer:
06/19/2023	Melissa King

UXO 15 QC Seed – Surface
QCS4 UXO15 0619 G06

NBK BANGOR - SITE PHOTOGRAPHIC LOG
QC SEEDS



Date:	Photographer:
06/19/2023	Melissa King

UXO 15 QC Seed – Surface
QCS5 UXO15 0619 H06

Date:	Photographer:
06/19/2023	Melissa King

UXO 15 QC Seed – Surface
QCS6 UXO15 0619 H06

Date:	Photographer:
06/20/2023	Melissa King

UXO 15 QC Seed – Surface
QCS5 UXO15 0620 H04

Date:	Photographer:
06/20/2023	Melissa King

UXO 15 QC Seed – Surface
QCS6 UXO15 0620 H04

NBK BANGOR - SITE PHOTOGRAPHIC LOG
QC SEEDS

Date:	Photographer:
06/20/2023	Melissa King

UXO 15 QC Seed – Surface
QCS1 UXO15 0620 F05

Date:	Photographer:
06/20/2023	Melissa King

UXO 15 QC Seed – Surface
QCS2 UXO15 0620 G05

Date:	Photographer:
06/20/2023	Melissa King

UXO 15 QC Seed – Surface
QCS3 UXO15 0620 G05

Date:	Photographer:
06/20/2023	Melissa King

UXO 15 QC Seed – Surface
QCS4 UXO15 0620 H05

NBK BANGOR - SITE PHOTOGRAPHIC LOG
QC SEEDS

Date:	Photographer:
06/26/2023	Melissa King

QC Seed, Surface
QCS4 UXO15 0626 E03

Date:	Photographer:
06/26/2023	Melissa King

QC Seed, Surface
QCS5 UXO15 0626 D03

Date:	Photographer:
06/26/2023	Melissa King

QC Seed, Surface
QCS6 UXO15 0626 C03

Date:	Photographer:
06/26/2023	Melissa King

QC Seed, Surface
QCS7 UXO15 0626 B03

NBK BANGOR - SITE PHOTOGRAPHIC LOG
QC SEEDS

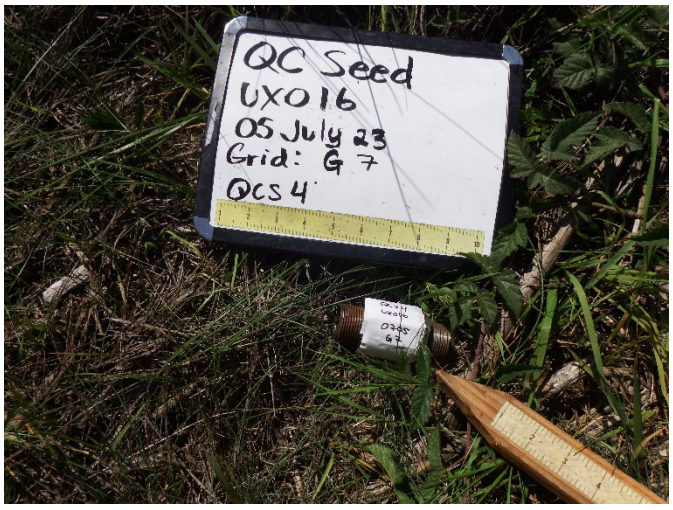
Date:	Photographer:
06/26/2023	Melissa King

QC Seed, Surface
QCS8 UXO15 0626 B03

Date:	Photographer:
06/26/2023	Melissa King

QC Seed, Surface
QCS9 UXO15 0626 A03

Note, photos are not available for the following QC seeds: QCS 1, QCS2, or QCS 3 from 06/26/2023.



Date:	Photographer:
07/05/2023	Melissa King

QC Seed, Surface
QCS4 UXO16 0705 G07

NBK BANGOR - SITE PHOTOGRAPHIC LOG
QC SEEDS

Date:	Photographer:
07/05/2023	Melissa King

QC Seed, Surface
QCS1 UXO16 0705 A07

Date:	Photographer:
07/05/2023	Melissa King

QC Seed, Surface
QCS2 UXO16 0705 C07

Date:	Photographer:
07/05/2023	Melissa King

QC Seed, Surface
QCS3 UXO16 0705 E07

Date:	Photographer:
07/06/2023	Melissa King

QC Seed, Surface
QCS2 UXO15 0706 PL

NBK BANGOR - SITE PHOTOGRAPHIC LOG
QC SEEDS

Date:	Photographer:
07/06/2023	Melissa King

QC Seed, Surface
QCS1 UXO15 0706 PL

Date:	Photographer:
07/12/2023	Melissa King

QC Seed, Surface
QCS3 UXO08 0712 C4

Date:	Photographer:
07/12/2023	Melissa King

QC Seed, Surface
QCS2 UXO08 0712 B4

Date:	Photographer:
07/12/2023	Melissa King

QC Seed, Surface
QCS1 UXO08 0712 A4

NBK BANGOR - SITE PHOTOGRAPHIC LOG
QC SEEDS

Date:	Photographer:
07/12/2023	Melissa King

QC Seed, Surface
QCS1 UXO08 0712 D4

Date:	Photographer:
07/13/2023	Melissa King

QC Seed, Surface
QCS3 UXO08 0713 C3

Date:	Photographer:
07/13/2023	Melissa King

QC Seed, Surface
QCS2 UXO08 0713 B3

Date:	Photographer:
07/13/2023	Melissa King

QC Seed, Surface
QCS1 UXO08 0713 A3

NBK BANGOR - SITE PHOTOGRAPHIC LOG
QC SEEDS

Date:	Photographer:
07/13/2023	Melissa King

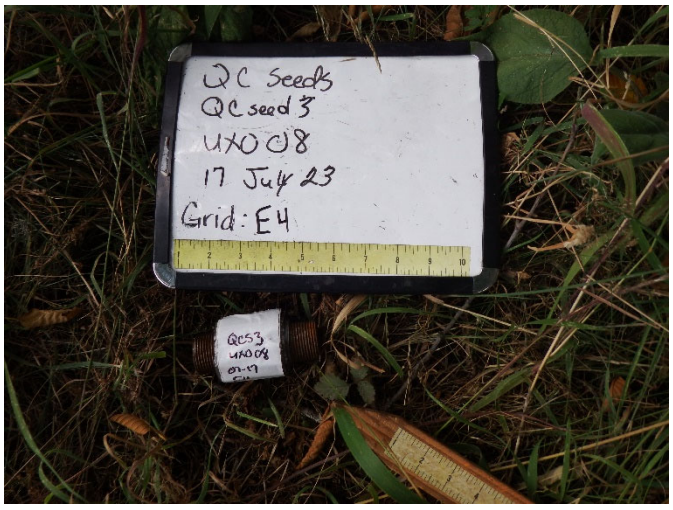
QC Seed, Surface
QCS4 UXO08 0713 D3

Date:	Photographer:
07/17/2023	Melissa King

QC Seed, Surface
QCS2 UXO08 0717 F3

Date:	Photographer:
07/17/2023	Melissa King

QC Seed, Surface
QCS4 UXO08 0717 F4



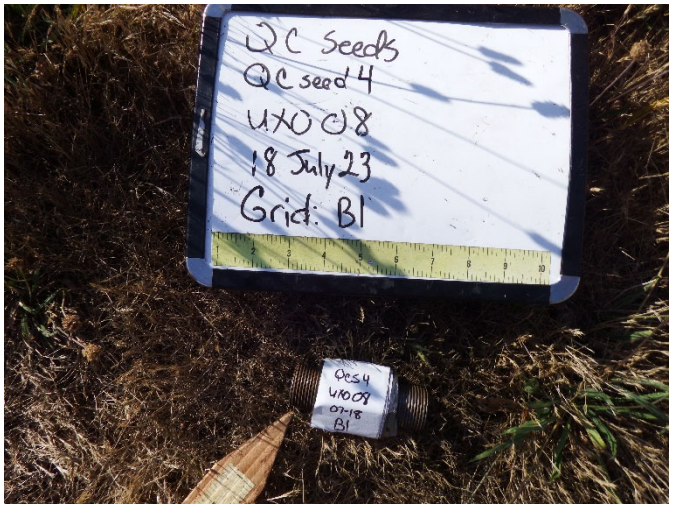
Date:	Photographer:
07/17/2023	Melissa King

QC Seed, Surface
QCS3 UXO08 0717 E4

NBK BANGOR - SITE PHOTOGRAPHIC LOG
QC SEEDS

Date:	Photographer:
07/17/2023	Melissa King

QC Seed, Surface
QCS1 UXO08 0717 E3



Date:	Photographer:
07/18/2023	Melissa King

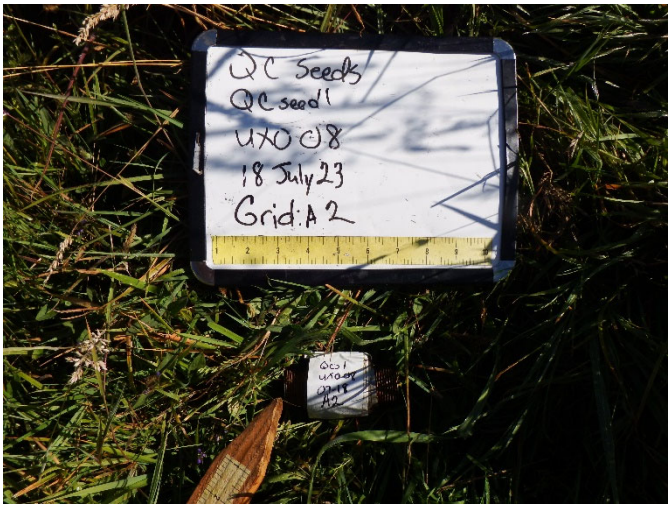
QC Seed, Surface
QCS4 UXO08 0718 B1

Date:	Photographer:
07/18/2023	Melissa King

QC Seed, Surface
QCS2 UXO08 0718 B2

Note, a photo is not available for the following QC seed: QCS 3 from 07/18/2023

NBK BANGOR - SITE PHOTOGRAPHIC LOG
QC SEEDS



Date:	Photographer:
07/18/2023	Melissa King

QC Seed, Surface
QCS1 UXO08 0718 A2

Date:	Photographer:
07/19/2023	Melissa King

QC Seed, Surface
QCS2 UXO08 0719 E2

Date:	Photographer:
07/19/2023	Melissa King

QC Seed, Surface
QCS1 UXO08 0719 E2

Date:	Photographer:
07/19/2023	Melissa King

QC Seed, Surface
QCS2 UXO08 0719 D2

NBK BANGOR - SITE PHOTOGRAPHIC LOG
QC SEEDS

Date:	Photographer:
07/19/2023	Melissa King

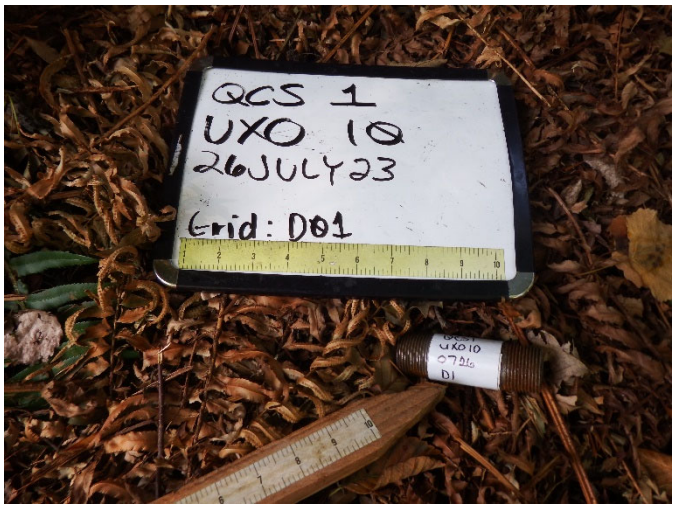
QC Seed, Surface
QCS1 UXO08 0719 D2

Date:	Photographer:
07/24/2023	Melissa King

QC Seed, Surface
QCS1 UXO10 0724 B1

Date:	Photographer:
07/24/2023	Melissa King

QC Seed, Surface
QCS2 UXO10 0724 C1



Date:	Photographer:
07/26/2023	Melissa King

QC Seed, Surface
QCS1 UXO10 0726 D01

NBK BANGOR - SITE PHOTOGRAPHIC LOG
QC SEEDS

Date:	Photographer:
07/26/2023	Melissa King

QC Seed, Surface
QCS2 UXO10 0726 D02

Date:	Photographer:
07/27/2023	Melissa King

QC Seed, Surface
QCS2 UXO10 0727 C03

Date:	Photographer:
07/27/2023	Melissa King

QC Seed, Surface
QCS1 UXO10 0727 D03

Date:	Photographer:
08/01/2023	Melissa King

QC Seed, Surface
QCS3 UXO16 0801 C05

NBK BANGOR - SITE PHOTOGRAPHIC LOG
QC SEEDS

Date:	Photographer:
08/01/2023	Melissa King

QC Seed, Surface
QCS1 UXO16 0801 A05

Date:	Photographer:
08/01/2023	Melissa King

QC Seed, Surface
QCS2 UXO16 0801 B05

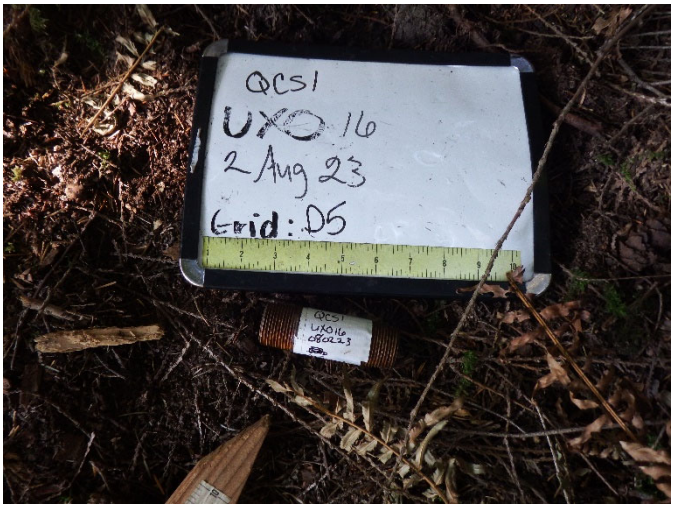
Date:	Photographer:
08/02/2023	Melissa King

QC Seed, Surface
QCS2 UXO16 0802 D05

Date:	Photographer:
08/02/2023	Melissa King

QC Seed, Surface
QCS3 UXO16 0802 E05

NBK BANGOR - SITE PHOTOGRAPHIC LOG
QC SEEDS



Date:	Photographer:
08/02/2023	Melissa King

QC Seed, Surface
QCS1 UXO16 0802 D05

Date:	Photographer:
08/03/2023	Melissa King

QC Seed, Surface
QCS2 UXO16 0803 F05

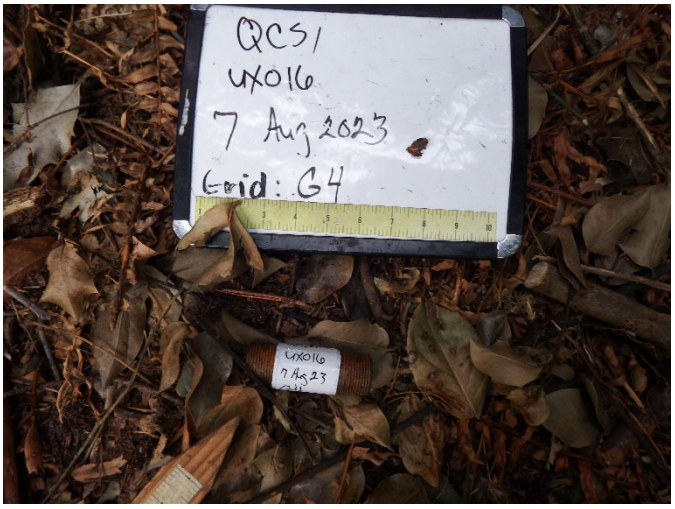
Date:	Photographer:
08/03/2023	Melissa King

QC Seed, Surface
QCS1 UXO16 0803 G05

Date:	Photographer:
08/07/2023	Melissa King

QC Seed, Surface
QCS2 UXO16 0807 F04

NBK BANGOR - SITE PHOTOGRAPHIC LOG
QC SEEDS



Date:	Photographer:
08/07/2023	Melissa King

QC Seed, Surface
QCS1 UXO16 0807 G04

Date:	Photographer:
08/08/2023	Melissa King

QC Seed, Surface
QCS2 UXO16 0808 D04

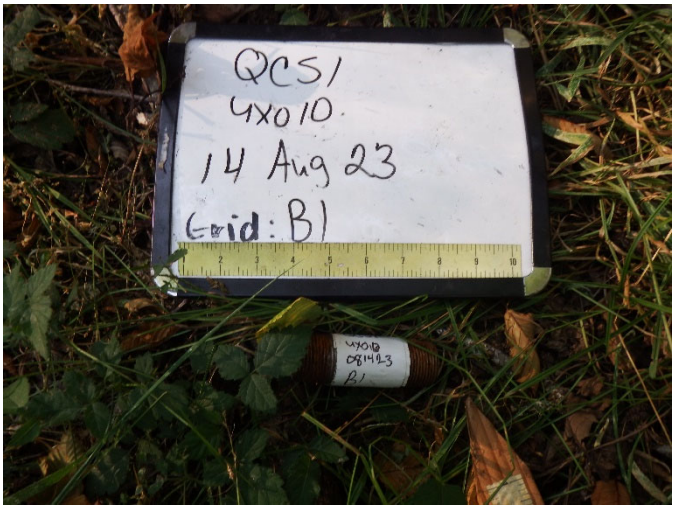
Date:	Photographer:
08/08/2023	Melissa King

QC Seed, Surface
QCS1 UXO16 0808 E04

Date:	Photographer:
08/14/2023	Melissa King

QC Seed, Surface
QCS2 UXO10 0814 C1

NBK BANGOR - SITE PHOTOGRAPHIC LOG
QC SEEDS



Date:	Photographer:
08/14/2023	Melissa King

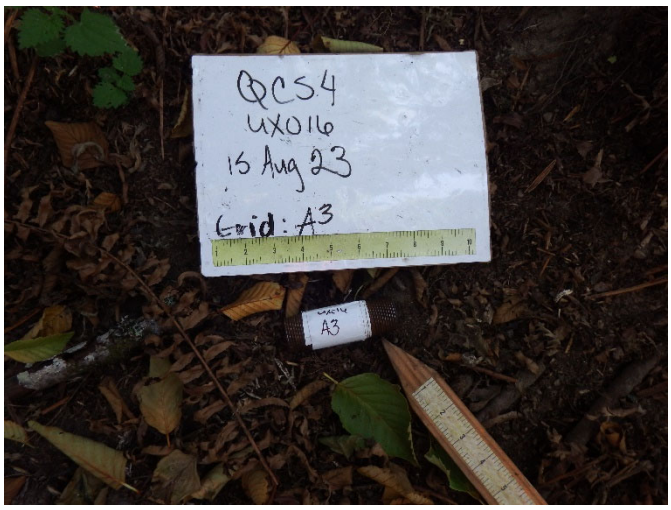
QC Seed, Surface
QCS1 UXO10 0814 B1

Date:	Photographer:
08/14/2023	Melissa King

QC Seed, Surface
QCS1 UXO10 0814 C1

Date:	Photographer:
08/14/2023	Melissa King

QC Seed, Surface
QCS3 UXO10 0814 C1



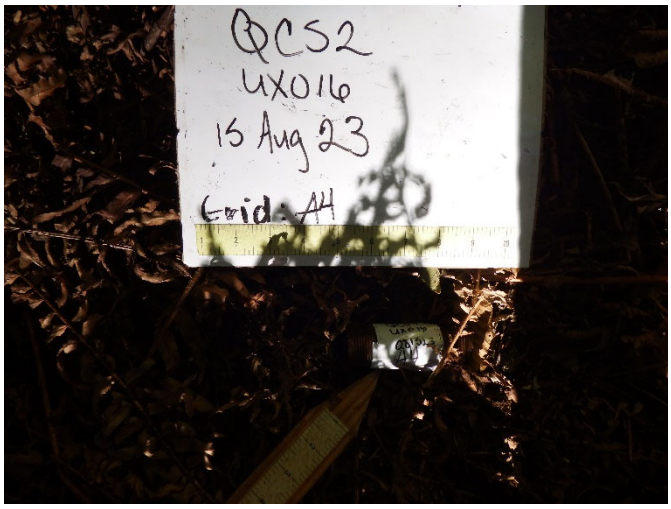
Date:	Photographer:
08/15/2023	Melissa King

QC Seed, Surface
QCS4 UXO16 0815 A3

NBK BANGOR - SITE PHOTOGRAPHIC LOG
QC SEEDS

Date:	Photographer:
08/15/2023	Melissa King

QC Seed, Surface
QCS1 UXO16 0815 B4



Date:	Photographer:
08/15/2023	Melissa King

QC Seed, Surface
QCS2 UXO16 0815 A4

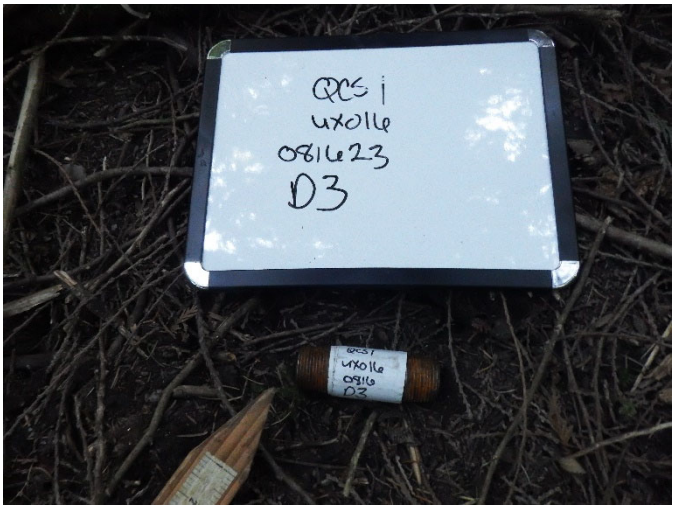
Date:	Photographer:
08/15/2023	Melissa King

QC Seed, Surface
QCS3 UXO16 0815 A3

Date:	Photographer:
08/16/2023	Melissa King

QC Seed, Surface
QCS4 UXO16 0816 E3

NBK BANGOR - SITE PHOTOGRAPHIC LOG
QC SEEDS



Date:	Photographer:
08/16/2023	Melissa King

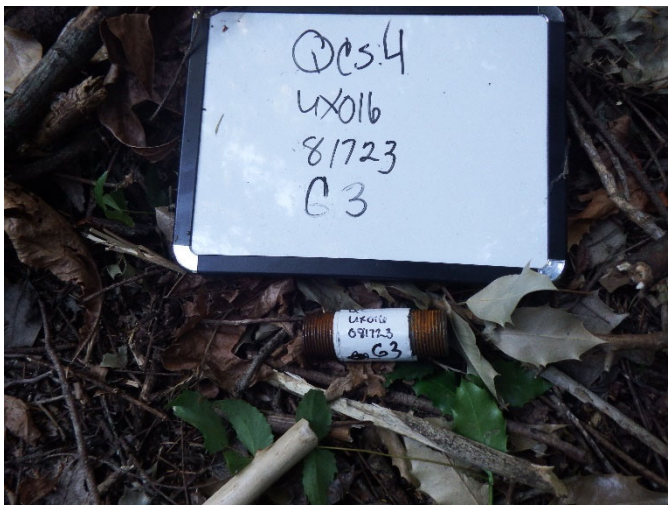
QC Seed, Surface
QCS1 UXO16 0816 D3

Date:	Photographer:
08/16/2023	Melissa King

QC Seed, Surface
QCS2 UXO16 0816 D3

Date:	Photographer:
08/16/2023	Melissa King

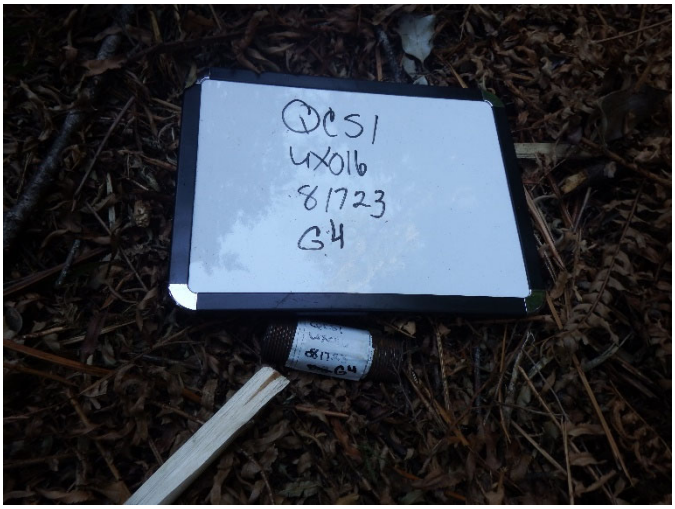
QC Seed, Surface
QCS3 UXO16 0816 E3



Date:	Photographer:
08/17/2023	Melissa King

QC Seed, Surface
QCS4 UXO16 0817 G3

NBK BANGOR - SITE PHOTOGRAPHIC LOG
QC SEEDS



Date:	Photographer:
08/17/2023	Melissa King

QC Seed, Surface
QCS1 UXO16 0817 G4

Date:	Photographer:
08/17/2023	Melissa King

QC Seed, Surface
QCS2 UXO16 0817 G4

Date:	Photographer:
08/17/2023	Melissa King

QC Seed, Surface
QCS3 UXO16 0817 G3

Date:	Photographer:
08/21/2023	Melissa King

QC Seed, Surface
QCS3 UXO16 0821 A1

NBK BANGOR - SITE PHOTOGRAPHIC LOG
QC SEEDS

Date:	Photographer:
08/21/2023	Melissa King

QC Seed, Surface
QCS1 UXO16 0821 A1

Date:	Photographer:
08/21/2023	Melissa King

QC Seed, Surface
QCS2 UXO16 0821 A1

Date:	Photographer:
08/22/2023	Melissa King

QC Seed, Surface
QCS3 UXO15 0822 B1

Date:	Photographer:
08/22/2023	Melissa King

QC Seed, Surface
QCS4 UXO15 0822 B1

NBK BANGOR - SITE PHOTOGRAPHIC LOG
QC SEEDS

Date:	Photographer:
08/22/2023	Melissa King

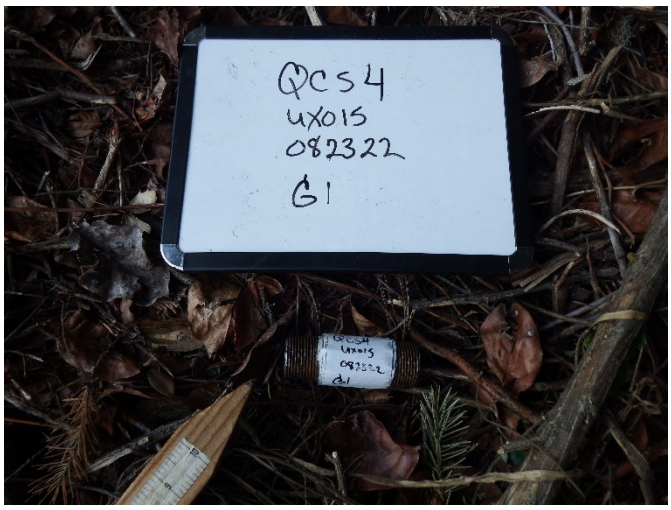
QC Seed, Surface
QCS1 UXO15 0822 A1

Date:	Photographer:
08/22/2023	Melissa King

QC Seed, Surface
QCS2 UXO15 0822 A1

Date:	Photographer:
08/23/2023	Melissa King

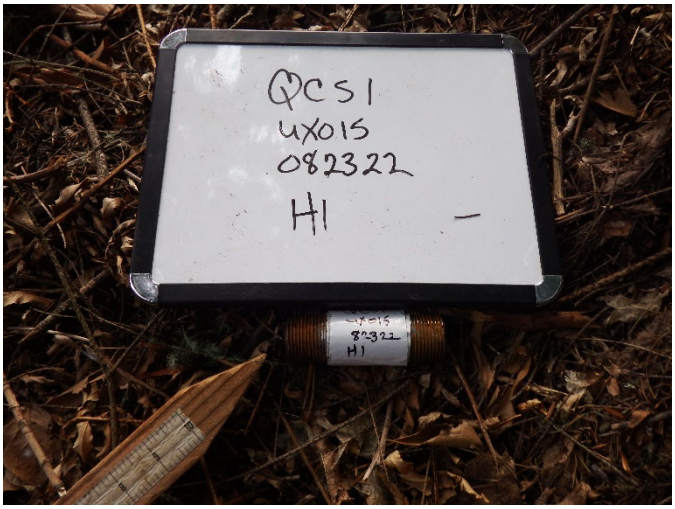
QC Seed, Surface
QCS3 UXO15 0823 G1



Date:	Photographer:
08/23/2023	Melissa King

QC Seed, Surface
QCS4 UXO15 0823 G1

NBK BANGOR - SITE PHOTOGRAPHIC LOG
QC SEEDS



Date:	Photographer:
08/23/2023	Melissa King

QC Seed, Surface
QCS1 UXO15 0823 H1

Date:	Photographer:
08/23/2023	Melissa King

QC Seed, Surface
QCS2 UXO15 0823 H1

Date:	Photographer:
08/24/2023	Melissa King

QC Seed, Surface
QCS3 UXO15 0824 E1

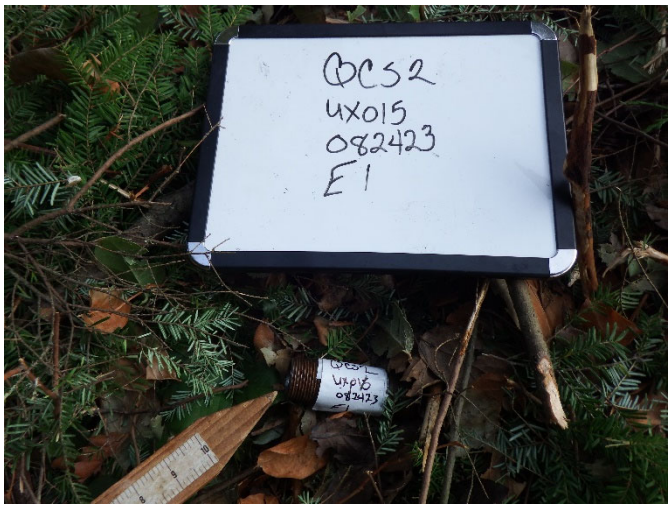
Date:	Photographer:
08/24/2023	Melissa King

QC Seed, Surface
QCS4 UXO15 0824 D1

NBK BANGOR - SITE PHOTOGRAPHIC LOG
QC SEEDS

Date:	Photographer:
08/24/2023	Melissa King

QC Seed, Surface
QCS1 UXO15 0824 E2



Date:	Photographer:
08/24/2023	Melissa King

QC Seed, Surface
QCS2 UXO15 0824 E1

Date:	Photographer:
08/29/2023	Melissa King

QC Seed, Surface
QCS3 UXO03 0829 A5

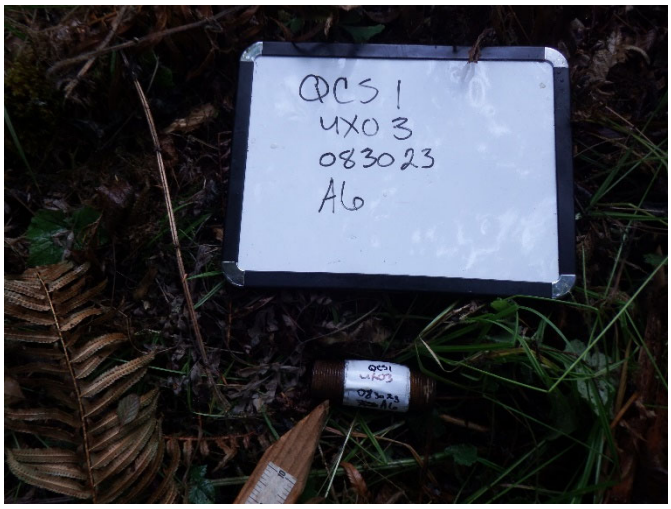
Date:	Photographer:
08/29/2023	Melissa King

QC Seed, Surface
QCS2 UXO03 0829 A5

NBK BANGOR - SITE PHOTOGRAPHIC LOG
QC SEEDS

Date:	Photographer:
08/29/2023	Melissa King

QC Seed, Surface
QCS1 UXO03 0829 A4



Date:	Photographer:
08/30/2023	Melissa King

QC Seed, Surface
QCS1 UXO03 0830 A6

Date:	Photographer:
08/30/2023	Melissa King

QC Seed, Surface
QCS2 UXO03 0830 A6

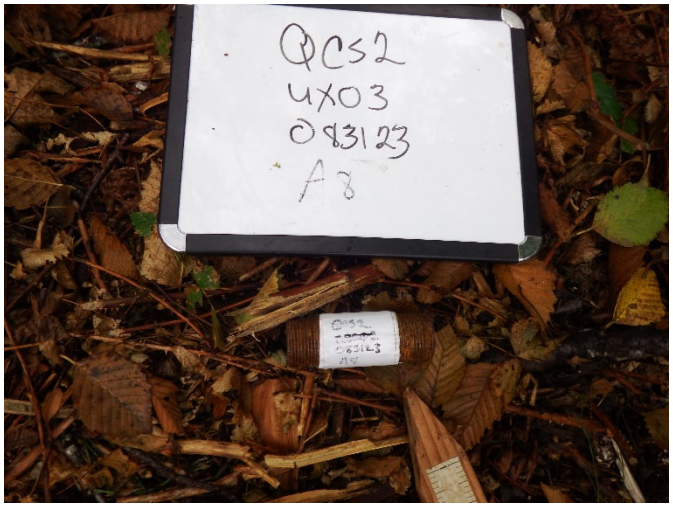
Date:	Photographer:
08/30/2023	Melissa King

QC Seed, Surface
QCS3 UXO03 0830 A7

NBK BANGOR - SITE PHOTOGRAPHIC LOG
QC SEEDS

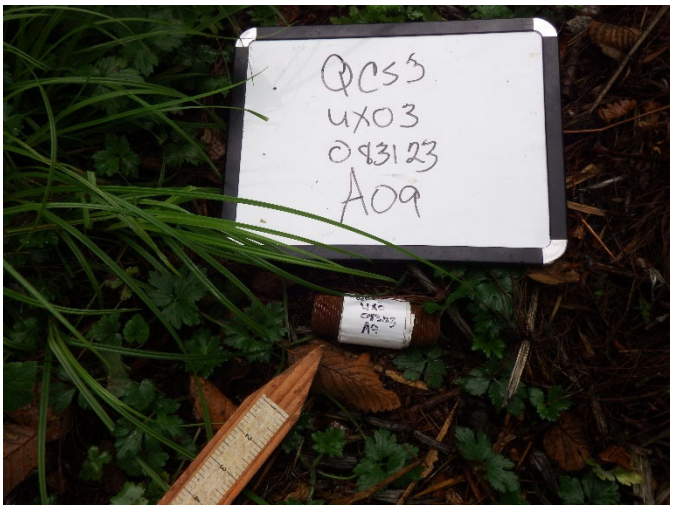
Date:	Photographer:
08/31/2023	Melissa King

QC Seed, Surface
QCS1 UXO03 0831 A8



Date:	Photographer:
08/31/2023	Melissa King

QC Seed, Surface
QCS2 UXO03 0831 A8



Date:	Photographer:
08/31/2023	Melissa King

QC Seed, Surface
QCS3 UXO03 0831 A9

Date:	Photographer:
09/05/2023	Melissa King

QC Seed, Surface
QCS2 UXO03 0904 B10

NBK BANGOR - SITE PHOTOGRAPHIC LOG
QC SEEDS

Date:	Photographer:
09/05/2023	Melissa King

QC Seed, Surface
QCS1 UXO03 0904 A10

Date:	Photographer:
09/07/2023	Melissa King

QC Seed, Surface
QCS1 UXO03 0907 G13

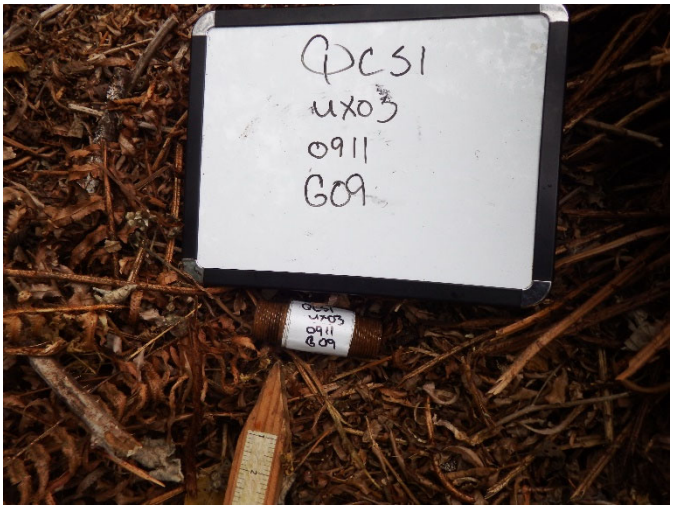
Date:	Photographer:
09/07/2023	Melissa King

QC Seed, Surface
QCS2 UXO03 0907 G12

Date:	Photographer:
09/11/2023	Melissa King

QC Seed, Surface
QCS1 UXO03 0911 G08

NBK BANGOR - SITE PHOTOGRAPHIC LOG
QC SEEDS



Date:	Photographer:
09/11/2023	Melissa King

QC Seed, Surface
QCS1 UXO03 0911 G09

Date:	Photographer:
09/25/2023	Melissa King

QC Seed, Surface
QCS4 UXO03 0925 G08

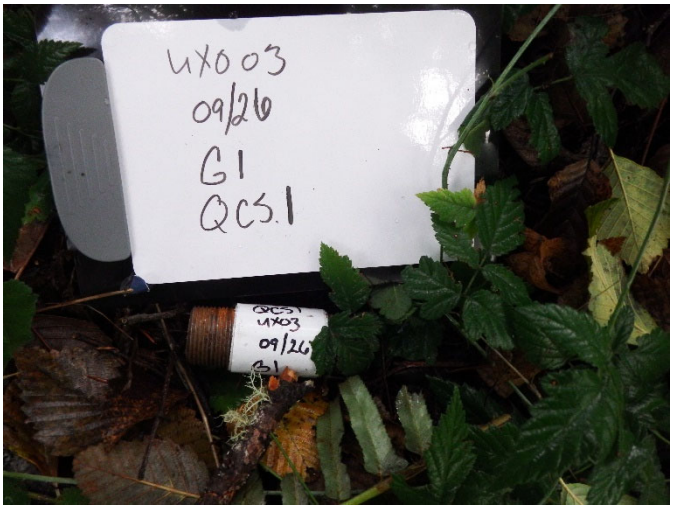
Date:	Photographer:
09/25/2023	Melissa King

QC Seed, Surface
QCS3 UXO03 0925 G09

Date:	Photographer:
09/26/2023	Melissa King

QC Seed, Surface
QCS4 UXO03 0926 G03

NBK BANGOR - SITE PHOTOGRAPHIC LOG
QC SEEDS



Date:	Photographer:
09/26/2023	Melissa King

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QCS1 UXO03 0926 G01

Date:	Photographer:
09/26/2023	Melissa King

QC Seed, Surface
QCS2 UXO03 0926 G02

Date:	Photographer:
09/26/2023	Melissa King

QC Seed, Surface
QCS3 UXO03 0926 G02

Date:	Photographer:
09/27/2023	Melissa King

QC Seed, Surface
QCS3 UXO03 0927 D01

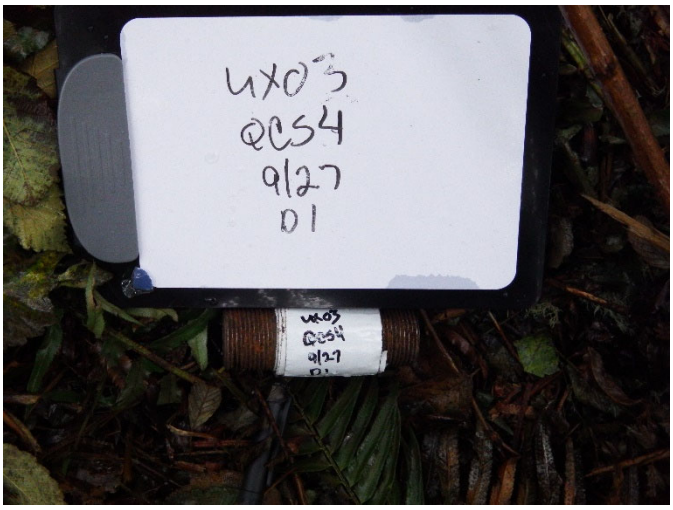
NBK BANGOR - SITE PHOTOGRAPHIC LOG
QC SEEDS

Date:	Photographer:
09/27/2023	Melissa King

QC Seed, Surface
QCS1 UXO03 0927 C01

Date:	Photographer:
09/27/2023	Melissa King

QC Seed, Surface
QCS2 UXO03 0927 C01



Date:	Photographer:
09/27/2023	Melissa King

QC Seed, Surface
QCS4 UXO03 0927 D01

Date:	Photographer:
10/18/2023	Melissa King

QC Seed, Surface
QCS5 UXO03 1018 J11

NBK BANGOR - SITE PHOTOGRAPHIC LOG
QC SEEDS

Date:	Photographer:
10/18/2023	Melissa King

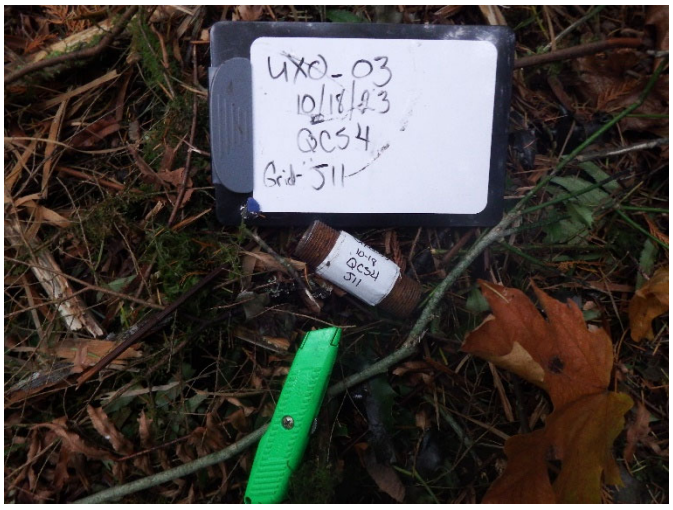
QC Seed, Surface
QCS1 UXO03 1018 H11

Date:	Photographer:
10/18/2023	Melissa King

QC Seed, Surface
QCS2 UXO03 1018 H11

Date:	Photographer:
10/18/2023	Melissa King

QC Seed, Surface
QCS3 UXO03 1018 J11



Date:	Photographer:
10/18/2023	Melissa King

QC Seed, Surface
QCS4 UXO03 1018 J11

NBK BANGOR - SITE PHOTOGRAPHIC LOG
QC SEEDS

Date:	Photographer:
10/19/2023	Charlie Escola

QC Seed, Surface
QCS1 UXO03 1019 J10

Date:	Photographer:
10/19/2023	Charlie Escola

QC Seed, Surface
QCS2 UXO03 1019 J10

Date:	Photographer:
10/19/2023	Charlie Escola

QC Seed, Surface
QCS3 UXO03 1019 H09

Date:	Photographer:
10/19/2023	Charlie Escola

QC Seed, Surface
QCS4 UXO03 1019 J09

NBK BANGOR - SITE PHOTOGRAPHIC LOG
QC SEEDS

Date:	Photographer:
10/19/2023	Charlie Escola

QC Seed, Surface
QCS5 UXO03 1019 J09

Date:	Photographer:
10/21/2023	Charlie Escola

QC Seed, Surface
QCS5 UXO02 1021 West

Date:	Photographer:
10/21/2023	Charlie Escola

QC Seed, Surface
QCS6 UXO02 1021 East

Date:	Photographer:
10/21/2023	Charlie Escola

QC Seed, Surface
QCS4 UXO02 1021 East

NBK BANGOR - SITE PHOTOGRAPHIC LOG
QC SEEDS

Date:	Photographer:
10/21/2023	Charlie Escola

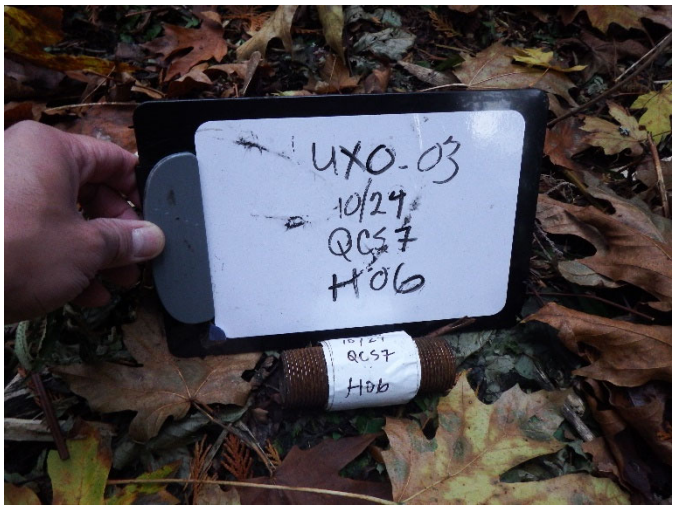
QC Seed, Surface
QCS1 UXO02 1021 East

Date:	Photographer:
10/21/2023	Charlie Escola

QC Seed, Surface
QCS2 UXO02 1021 West

Date:	Photographer:
10/21/2023	Charlie Escola

QC Seed, Surface
QCS3 UXO02 1021 West



Date:	Photographer:
10/23/2023	Charlie Escola

QC Seed, Surface
QCS7 UXO03 1024 H06

NBK BANGOR - SITE PHOTOGRAPHIC LOG
QC SEEDS

Date:	Photographer:
10/23/2023	Charlie Escola

QC Seed, Surface
QCS1 UXO03 1023 J08

Date:	Photographer:
10/23/2023	Charlie Escola

QC Seed, Surface
QCS2 UXO03 1023 J08

Date:	Photographer:
10/23/2023	Charlie Escola

QC Seed, Surface
QCS3 UXO03 1023 J08

Date:	Photographer:
10/23/2023	Charlie Escola

QC Seed, Surface
QCS4 UXO03 1023 H08

NBK BANGOR - SITE PHOTOGRAPHIC LOG
QC SEEDS

Date:	Photographer:
10/23/2023	Charlie Escola

QC Seed, Surface
QCS4 UXO03 1023 H08

Date:	Photographer:
10/23/2023	Charlie Escola

QC Seed, Surface
QCS3 UXO03 1023 H08

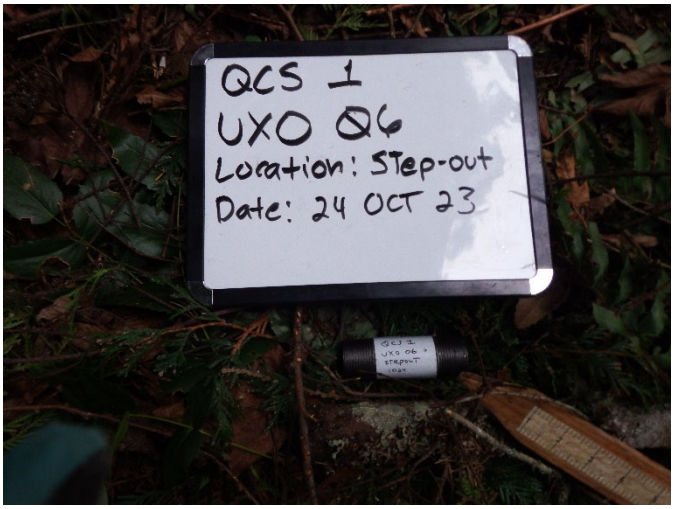
Date:	Photographer:
10/23/2023	Charlie Escola

QC Seed, Surface
QCS5 UXO03 1023 J07

Date:	Photographer:
10/23/2023	Charlie Escola

QC Seed, Surface
QCS6 UXO03 1024 H07

NBK BANGOR - SITE PHOTOGRAPHIC LOG
QC SEEDS



Date:	Photographer:
10/24/2023	Charlie Escola

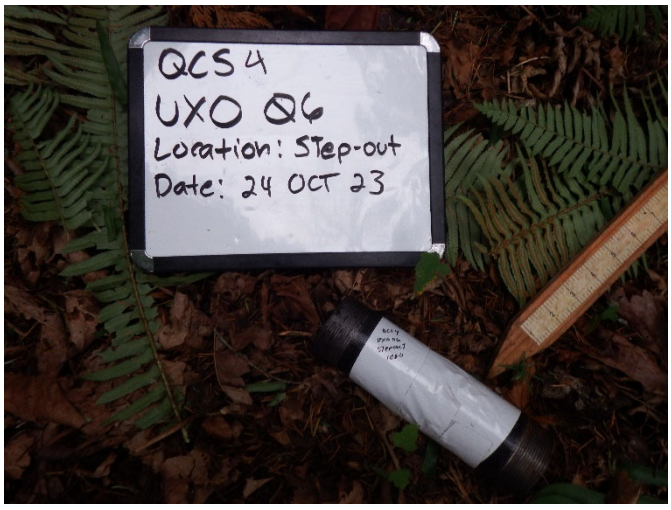
QC Seed, Surface
QCS1 UXO06 1024 Step-out

Date:	Photographer:
10/24/2023	Charlie Escola

QC Seed, Surface
QCS2 UXO06 1024 Step-out

Date:	Photographer:
10/24/2023	Charlie Escola

QC Seed, Surface
QCS3 UXO06 1024 Step-out



Date:	Photographer:
10/24/2023	Charlie Escola

QC Seed, Surface
QCS4 UXO06 1024 Step-out

NBK BANGOR - SITE PHOTOGRAPHIC LOG
QC SEEDS

Date:	Photographer:
10/25/2023	Charlie Escola

QC Seed, Surface
QCS1 UXO03 1025 A1

Date:	Photographer:
10/25/2023	Charlie Escola

QC Seed, Surface
QCS2 UXO03 1025 A1

Date:	Photographer:
10/25/2023	Charlie Escola

QC Seed, Surface
QCS3 UXO03 1025 A2

Date:	Photographer:
10/25/2023	Charlie Escola

QC Seed, Surface
QCS4 UXO03 1025 A2

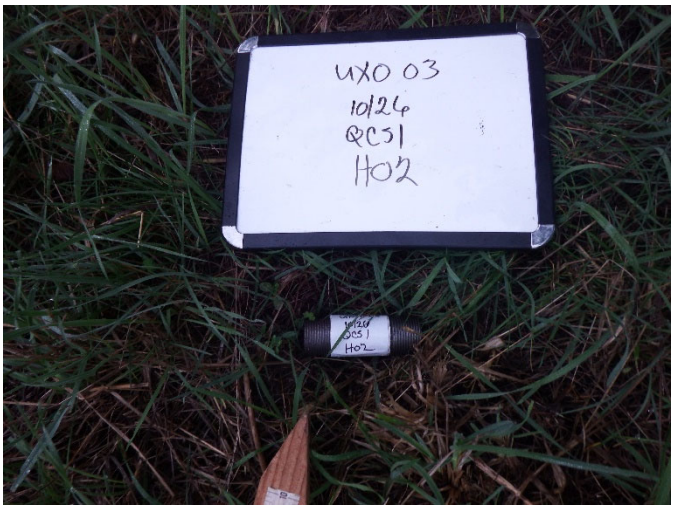
NBK BANGOR - SITE PHOTOGRAPHIC LOG
QC SEEDS

Date:	Photographer:
10/25/2023	Charlie Escola

QC Seed, Surface
QCS5 UXO03 1025 B1

Date:	Photographer:
10/26/2023	Charlie Escola

QC Seed, Surface
QCS4 UXO03 1026 J2



Date:	Photographer:
10/26/2023	Charlie Escola

QC Seed, Surface
QCS1 UXO03 1026 H2

Date:	Photographer:
10/26/2023	Charlie Escola

QC Seed, Surface
QCS3 UXO03 1026 J3

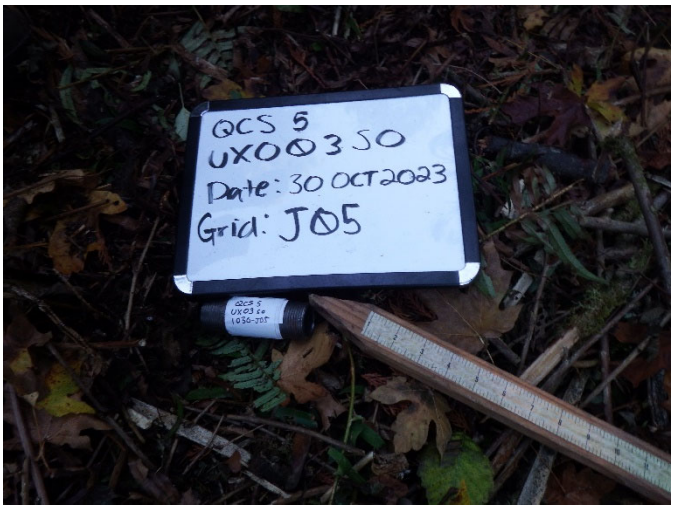
NBK BANGOR - SITE PHOTOGRAPHIC LOG
QC SEEDS

Date:	Photographer:
10/26/2023	Charlie Escola

QC Seed, Surface
QCS5 UXO03 1026 J2

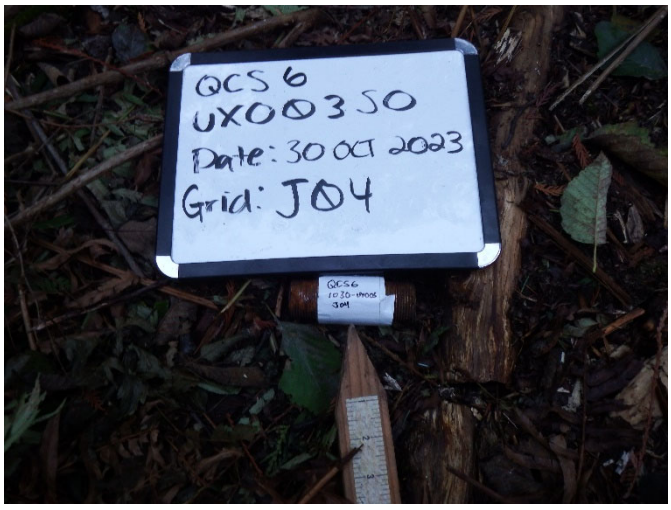
Date:	Photographer:
10/26/2023	Charlie Escola

QC Seed, Surface
QCS2 UXO03 1026 J3



Date:	Photographer:
10/30/2023	Charlie Escola

QC Seed, Surface
QCS5 UXO03 1030 J5



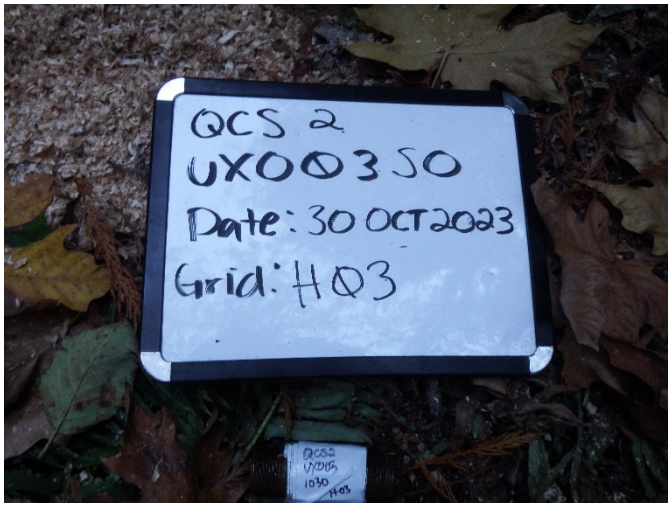
Date:	Photographer:
10/30/2023	Charlie Escola

QC Seed, Surface
QCS6 UXO03 1030 J4

NBK BANGOR - SITE PHOTOGRAPHIC LOG
QC SEEDS

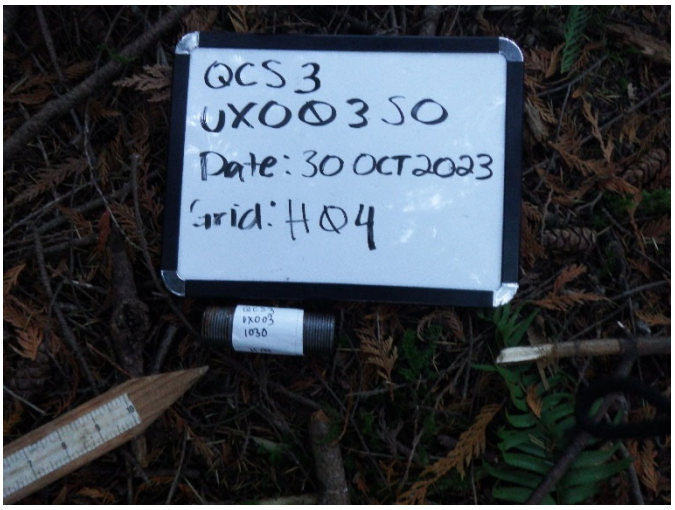
Date:	Photographer:
10/30/2023	Charlie Escola

QC Seed, Surface
QCS1 UXO03 1030 A3



Date:	Photographer:
10/30/2023	Charlie Escola

QC Seed, Surface
QCS2 UXO03 1030 H3



Date:	Photographer:
10/30/2023	Charlie Escola

QC Seed, Surface
QCS3 UXO03 1030 H4

Date:	Photographer:
10/30/2023	Charlie Escola

QC Seed, Surface
QCS4 UXO03 1030 H5

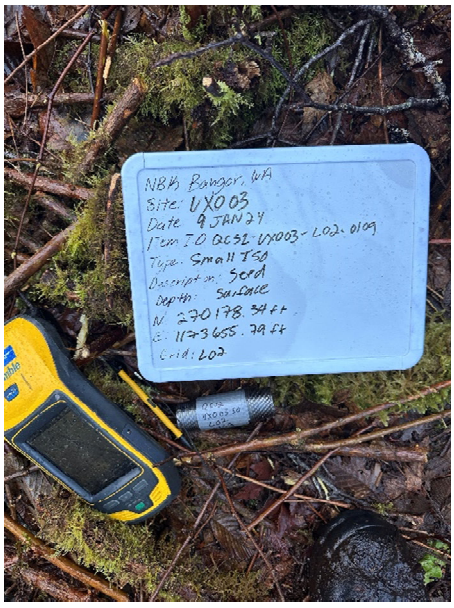
NBK BANGOR - SITE PHOTOGRAPHIC LOG
QC SEEDS

Date:	Photographer:
01/08/2024	Charlie Escola

QC Seed, Surface
QCS1 UXO03E 0108 C1

Date:	Photographer:
01/09/2024	Charlie Escola

QC Seed, Surface
QCS1 UXO03E 0109 L2



Date:	Photographer:
01/09/2024	Charlie Escola

QC Seed, Surface
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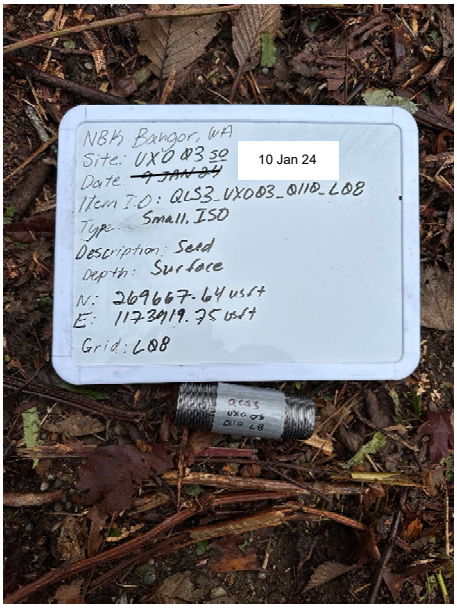


Date:	Photographer:
01/10/2024	Charlie Escola

QC Seed, Surface
QCS3 UXO03E 0110 L8

NBK BANGOR - SITE PHOTOGRAPHIC LOG
QC SEEDS

Date:	Photographer:
01/10/2024	Charlie Escola

QC Seed, Surface
QCS2 UXO03E 0110 L7

Date:	Photographer:
01/10/2024	Charlie Escola

QC Seed, Surface
QCS3 UXO03E 0110 L6

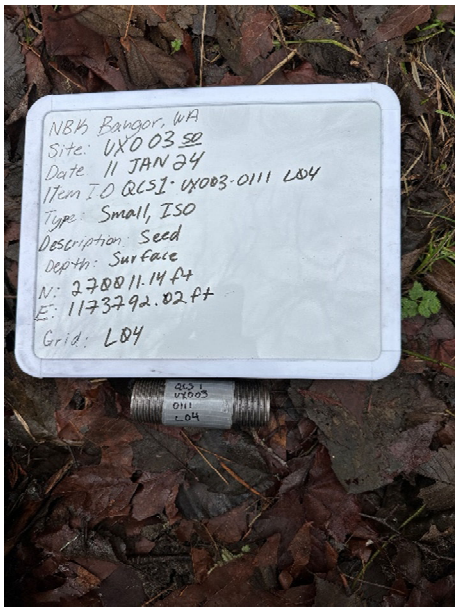
Date:	Photographer:
01/11/2024	Charlie Escola

QC Seed, Surface
QCS3 UXO03 0111 L5

Date:	Photographer:
01/11/2024	Charlie Escola

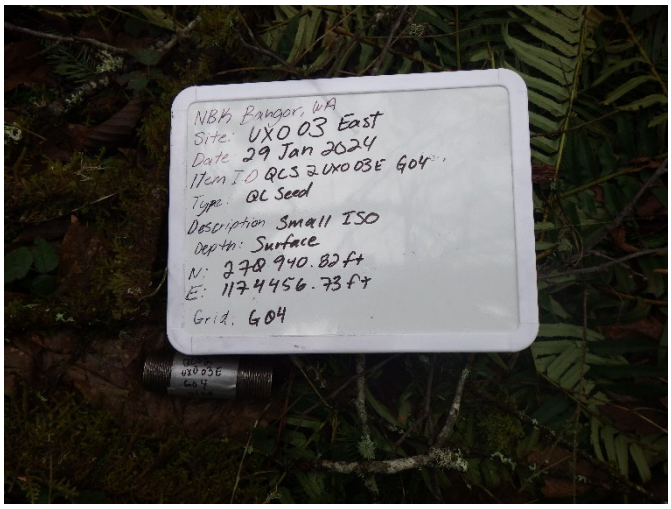
QC Seed, Surface
QCS2 UXO03 0111 L4/L5

NBK BANGOR - SITE PHOTOGRAPHIC LOG
QC SEEDS



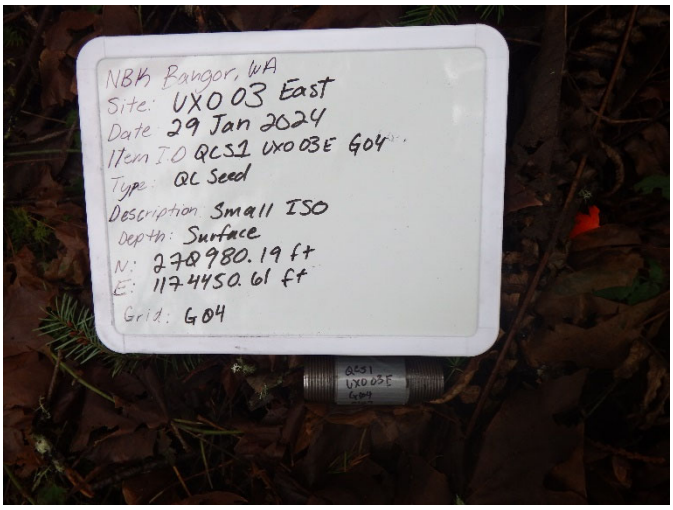
Date:	Photographer:
01/11/2024	Charlie Escola

QC Seed, Surface
QCS1 UXO03 0111 L4



Date:	Photographer:
01/29/2024	Charlie Escola

QC Seed, Surface
QCS2 UXO03E 0129 G4



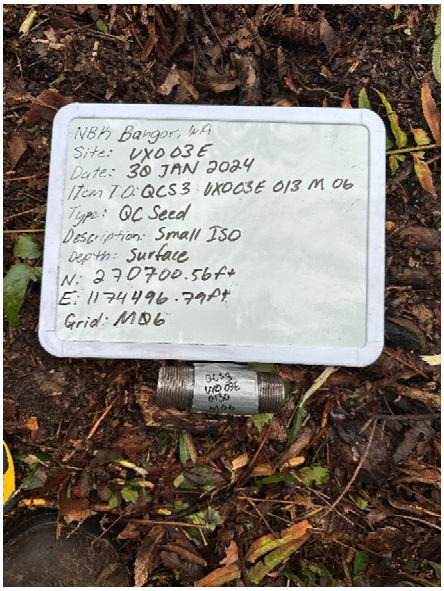
Date:	Photographer:
01/29/2024	Charlie Escola

QC Seed, Surface
QCS1 UXO03E 0129 G4

Date:	Photographer:
01/30/2024	Charlie Escola

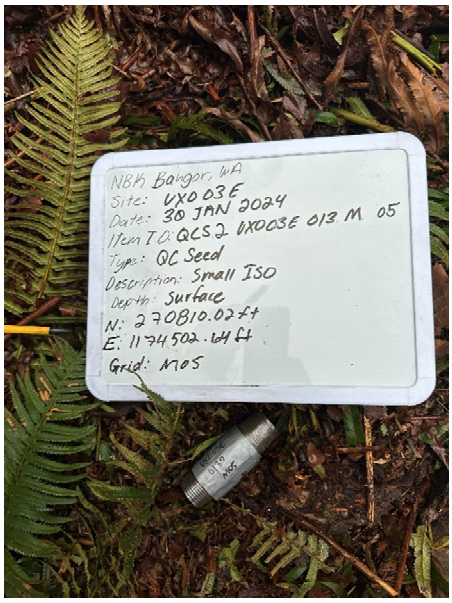
QC Seed, Surface
QCS1 UXO03E 0130 M5

NBK BANGOR - SITE PHOTOGRAPHIC LOG
QC SEEDS



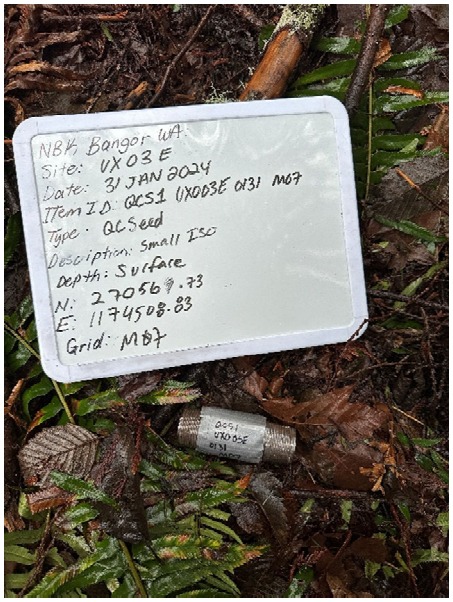
Date:	Photographer:
01/30/2024	Charlie Escola

QC Seed, Surface
QCS3 UXO03E 0130 M6



Date:	Photographer:
01/30/2024	Charlie Escola

QC Seed, Surface
QCS2 UXO03E 0130 M5



Date:	Photographer:
01/31/2024	Charlie Escola

QC Seed, Surface
QCS1 UXO03E 0131 M7

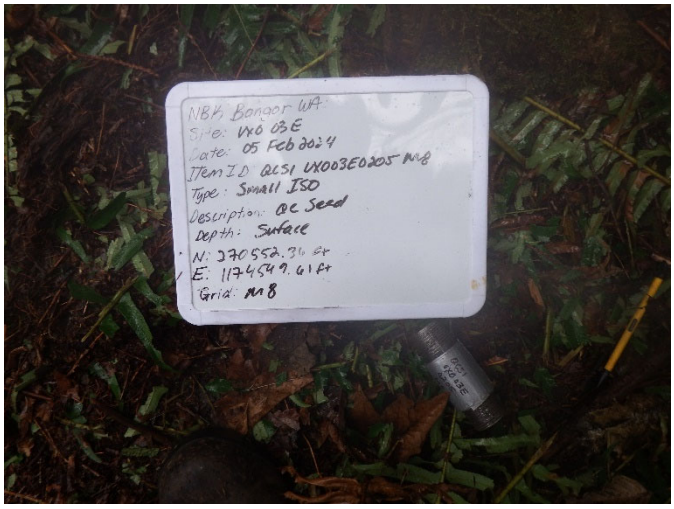
Date:	Photographer:
01/31/2024	Charlie Escola

QC Seed, Surface
QCS2 UXO03E 0131 M7
(Note: White board QCS number is supposed to be QCS2)

NBK BANGOR - SITE PHOTOGRAPHIC LOG
QC SEEDS

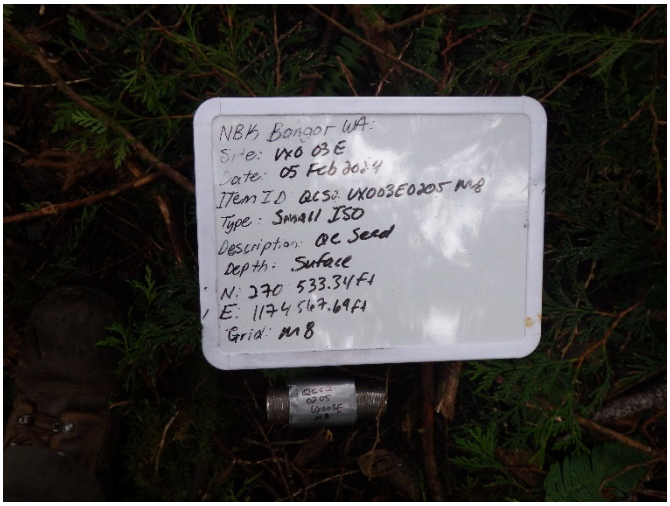
Date:	Photographer:
01/31/2024	Charlie Escola

QC Seed, Surface
QCS3 UXO03E 0131 M7



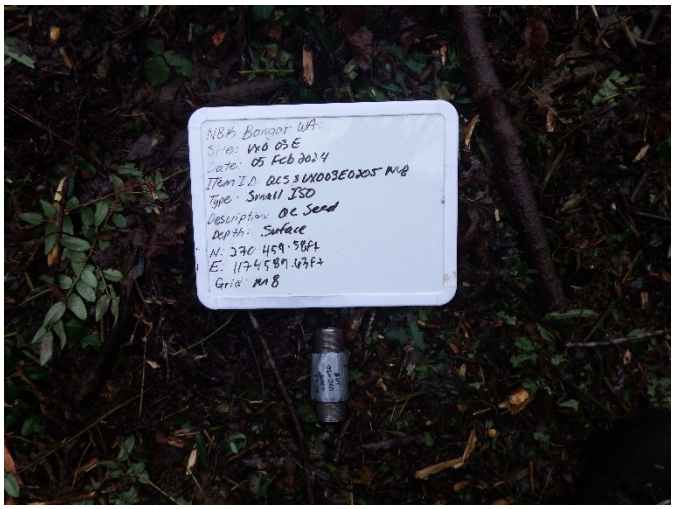
Date:	Photographer:
02/05/2024	Charlie Escola

QC Seed, Surface
QCS1 UXO03E 0205 M8



Date:	Photographer:
02/05/2024	Charlie Escola

QC Seed, Surface
QCS2 UXO03E 0205 M8



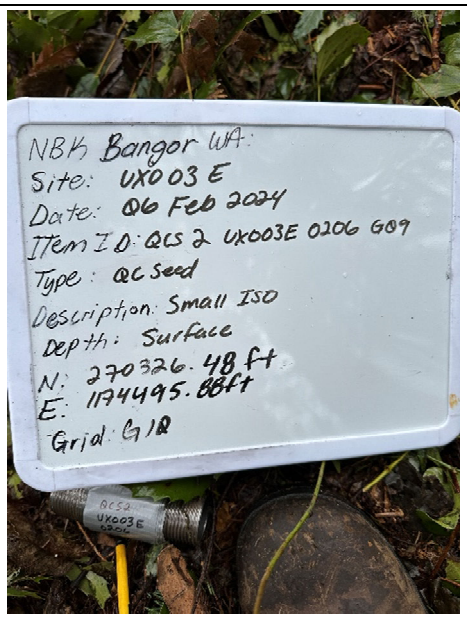
Date:	Photographer:
02/05/2024	Charlie Escola

QC Seed, Surface
QCS3 UXO03E 0205 M8

NBK BANGOR - SITE PHOTOGRAPHIC LOG
QC SEEDS

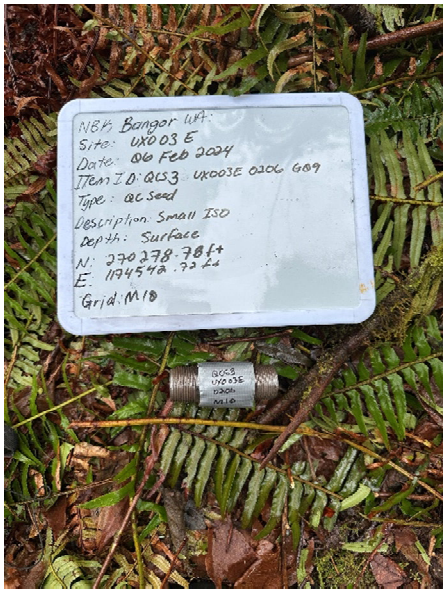
Date:	Photographer:
02/06/2024	Charlie Escola

QC Seed, Surface
QCS1 UXO03E 0206 G9



Date:	Photographer:
02/06/2024	Charlie Escola

QC Seed, Surface
QCS2 UXO03E 0206 G12



Date:	Photographer:
02/06/2024	Charlie Escola

QC Seed, Surface
QCS3 UXO03E 0206 M10

Appendix B: Field Change Requests

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CLEAN
CONTRACT NUMBER N6247016D9008

FIELD CHANGE REQUEST (FCR)

TASK ORDER # N4425519F4112 FCR # FCR-NW194112-05 DATE 5/15/2023
LOCATION: Naval Base Kitsap Bangor, Silverdale WA NTR/RPM [redacted]

1. Document to be changed. Identify revision, date, section, drawing, etc.

Final Accident Prevention Plan/Site Safety and Health Plan (Site Inspection for Munitions and Explosives of Concern, Munitions Constituents, Historical and Cultural Resources Survey, and Habitat/ Endangered Species Survey) dated May 2020. Note changes by previous FCRs still apply [specifically October 2020: FCR-NW194112-02 Non-Emergency Clinic Change; and February 2022: FCR-NW194112-04 Change in Navy and Tetra Tech staff, Medical Center, and Emergency Contact Table (Figure 9-1)].

2. Description of existing requirement and proposed change (Attach sheet if necessary)

This FCR documents technical review of the subject Accident Prevention Plan including appendices and attachments prior to 2023 field work to identify pertinent changes. Per the review, this FCR addresses change in the Tetra Tech Project Manager, Tetra Tech SUXOS, and the occupational medical consultation facility. The following APP sections and Figures are to be revised as indicated below:

Tetra Tech Project Manager
Section 4.1.2.1 (pg. 4-2), Figure 4-1 (pg. 4-11), and Figure 9-1 (Attachment VII)
Add Mitch Baron (effective 05/01/2023) to Section 4.1.2.1.
Replace Linda Klink with Mitch Baron (360) 908-3246 [cell] in Figure 4-1 and Figure 9-1.

Tetra Tech Senior Unexploded Supervisor (SUXOS)
Section 4.1.2.5 (pg. 4-6) and Figure 4-1 (pg. 4-11)
Replace Syd Rogers with Forrest Malone.

Occupational medical consultation facility
Sections 9.5.2 (pg. 9-11), 9.5.3 (pg. 9-12), 9.5.5 (pg. 9-13), Mobilization AHA (Attachment 1), and Figure 9-1 (Attachment VII)
Replace Core Occupational Medicine with WorkCare (1-888-449-7787).

Contractor Incident Report System (CIRS)
Add the attached Contractor Incident Report System (CIRS) form to Appendix VI, Incident Reporting Forms.

Tt Reason for Change (Attach sheet if necessary)

FCR provides for changes in personnel and medical consultation facility prior to beginning 2023 field work.

4. Originator: (print name and sign) [redacted]		**Title** (Incoming) Project Manager	**Date** 5/15/2023
Reviewed by: (print name and sign) [redacted]		**Title** CLEAN Health and Safety Manager	**Date** 5/17/2023
Site Supe N/A	**Date**	**Task Order Manager (Print name and sign)** [redacted]	**Date** 5/15/2023
Tt Program QC Manager (Print Name and Sign) N/A	**Date**	**Navy Acknowledgement (Print name and sign)**	**Date**

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Contractor Incident Report System (CIRS)

Report Type (REQUIRED)

☐ Injured ☐ Property ☐ Injured & Property ☐ Near Miss

1. Contract Information — Incident Information

Prime Contractor:	**Cage Code:**
Contract Number:	**Occurred On Base:** ☐ Yes ☐ No
Task Order #:	

Contractor Contact Information

Last Name	**First Name**	**Phone #:**
Email Address:		**Date Notified:** Ex: MM/DD/YYYY

2. Incident Type (REQUIRED) — (Please Check All That Apply)

☐ Assault/Violent Act	☐ Extreme Environmental Exposure	☐ Man over the side (No water entry)
☐ Diving	☐ Falls, slip, trip, or bodily exertion	☐ Man Overboard - Water Entry
☐ Electrical Shock/Burns	☐ Fires - All Types	☐ Material Handling Equipment
☐ Equipment Installation/Repair	☐ Hazardous Material (any type)	☐ Ordnance-Related (Explosive)
☐ Explosion, Non-Ordnance	☐ **Industrial (Select Additional Below)**	☐ Vehicle (Government or Private)

Industrial Incident Additional Information — (Please Check All That Apply)

☐ Confined Space	☐ Hand and Power Tools	☐ Work Platforms and Scaffolding
☐ Demolition/Renovation	☐ Rigging	☐ Underground Construction, Shafts, and Caissons
☐ Trenching/Entrapment	☐ Cranes and Hoisting Equipment	☐ Concrete, Masonry, Steel Erection and Residential Construction
☐ Traffic Control	☐ Floating Plant and Marine Activities	☐ Tree Maintenance and Removal
☐ Welding and Cutting	☐ Pressurized Equipment and System	☐ Airfield and Aircraft Operations
☐ Control of Hazardous Energy	☐ Fall Protection	

3. General Information — Incident Information

Date of Incident:
Ex: MM/DD/YYYY

Time of Incident: HH : MM

Describe the incident in detail in your words:

Exact Location of Incident:

Was Hazardous Material(s) Involved: ☐ Yes ☐ No

If Yes, Explain What Hazardous Materials Were Involved and Why:

Activity at Time of Incident:

Personal Protective Equipment:

☐ Available and used ☐ Available and not used ☐ Not Required

☐ Not related to Mishap ☐ Wrong PPE for job ☐ List PPE

List PPE Used: (required only if List PPE checked)

Who Provided Cleanup? ☐ Onsite ☐ Base ☐ Public

4. Fully Explain What Allowed or Caused the Incident — Incident Information

Direct Cause:

Indirect Cause:

Additional Action Taken: (Please Include a Begin Date and Est. End Date in Description)

5. Contributing Factors

Was Visibility Restricted? ☐ Yes ☐ No

Distance Visibility was restricted:

Unit of Measure: ☐ Feet ☐ Yards ☐ Meters ☐ Miles ☐ Nautical Miles

Visibility Restricted By:

☐ Fog ☐ Smoke ☐ Rain ☐ Sleet ☐ Snow

☐ Mist ☐ Dust ☐ Sandstorm ☐ Unknown Object Other:

Lighting Conditions at Incident Site:

☐ Adequate ☐ Inadequate

☐ Unknown

Was Noise Level a Factor:

☐ Yes ☐ No

☐ Unknown

Was Carbon Monoxide (CO) a Factor:

☐ Yes ☐ No

If Yes, CO Alarm Manufacturer:

Other Contributing Factors:

1. Injured Data — **Person** (if applicable)

Age:	**Gender:** ☐ Male ☐ Female		**Subcontractor Company Name:**

2. General Information

Drug or Alcohol Involved:

☐ None ☐ Unknown ☐ Alcohol ☐ Drugs ☐ Alcohol and Drugs

Who Provided First Aid? ☐ Onsite ☐ Base ☐ Public

Was Ergonomics a Factor: ☐ Yes ☐ No

Type of Ergonomic Injury:

☐ Lifting ☐ Equipment Placement Office ☐ Repetitive Motion ☐ Positioning

☐ Bending ☐ Equipment Placement Industrial ☐ Impact Strain

3. Injury Illness/Fatality Information

Severity of Injury/Illness:

☐ Fatality
☐ Permanent Total Disability
☐ Permanent Partial Disability
☐ First Aid Treatment Only/First Aid Case
☐ Lost Workday Case Involving Days Away From Work
☐ Light/Limited Duty or Restricted Work (No Lost Work Days)
☐ Other Reportable & Medical Treatment/No Lost Time

Were There Days Lost: ☐ Yes ☐ No	**Were There Days Hospitalized:** ☐ Yes ☐ No	**Were There Days Restricted Duty:** ☐ Yes ☐ No

Part of Body Affected:

Nature of Injury or Illness:

Event or Exposure:

Source of Injury or Illness:

Injury Activity Code:

4. License — Person (if applicable)

Are Appropriate License and Certification/Medical Current: ☐ Yes ☐ No

If yes, explain:

5. Training

Was all the contract-required training provided to the employee: ☐ Yes ☐ No

If yes, explain:

1. Involved Person Data (if applicable) Property Damage

Age:	**Gender:** ☐ Male ☐ Female		**Subcontractor Company Name:**

3. Property Damaged

Was Anyone Injured: ☐ Yes ☐ No **Was A Government Motor Vehicle Involved:** ☐ Yes ☐ No

Property Type	Property ID #	Detailed Description	Owned By	Est. Cost USD	Lost Use Days
-- select --			-- select --		
-- select --			-- select --		
-- select --			-- select --		
-- select --			-- select --		
-- select --			-- select --		
-- select --			-- select --		
-- select --			-- select --		
-- select --			-- select --		
-- select --			-- select --		
-- select --			-- select --		
-- select --			-- select --		
-- select --			-- select --		
-- select --			-- select --		

4. License (if applicable) Property Damage

Are Appropriate License and Certification/Medical Current: ☐ Yes ☐ No

If yes, explain:

5. Training

Was all the contract-required training provided to the employee? ☐ Yes ☐ No

If yes, explain:

CLEAN
CONTRACT NUMBER N6247016D9008

FIELD CHANGE REQUEST (FCR)

TASK ORDER # N4425519F4112 FCR # FCR-NW194112-06 DATE 6/12/2023
LOCATION: Naval Base Kitsap Bangor, Silverdale WA NTR/RPM [redacted]

1. Document to be changed. Identify revision, date, section, drawing, etc.

Final Accident Prevention Plan/Site Safety and Health Plan (Site Inspection for Munitions and Explosives of Concern, Munitions Constituents, Historical and Cultural Resources Survey, and Habitat/ Endangered Species Survey) dated May 2020. Note changes by previous FCRs still apply [specifically February 2022: FCR-NW194112-04 Change in Navy and Tetra Tech staff].

APP Sections and Attachments as identified in Section 2 below.

2. Description of existing requirement and proposed change (Attach sheet if necessary)

This FCR addresses additional requirements for the Tetra Tech Unexploded Ordnance Safety Officer (UXOSO). The following APP section and figure are to be revised as indicated below.

Add the following narrative to the end of Section 4.1.2.6:
When the number of personnel on the Site reach 16 or more, the dual hat of UXOSO/QCS will be split into stand-alone positions and staffed with qualified personnel. When personnel are 15 or less, the dual hat will resume. When the stand alone roles are in effect, the Attachment VII Figure 9-1 shall be notated with the appropriate name and contact numbers for the UXOSO and UXOQCS personnel. Prior to going into affect, the NTR and RPM shall be notified and informed of the personnel by name assigned to the corresponding positions. If not already accepted by the Navy, proof of qualifications (resume, certifications, training, etc.) shall be provided.

Tt Reason for Change (Attach sheet if necessary)

The FCR provides for compliance with EM 385-1-97 (I.1.C UXO Team Organizational Standards) (pg.15). When more than 15 personnel are present, stand-alone Unexploded Ordnance Safety Officer (UXOSO) and Quality Control Specialist (UXOQCS) are required.

4. Originator: (print name and sign)	**Title**	**Date**
[redacted]	Project Manager	6/12/2023
Reviewed by: (print name and sign) [redacted] CIH, CSP	**Title**	**Date**
	CLEAN Health and Safety Manager	6/13/2023
Site Superintendent (Print name and sign) [redacted]	**Date** 6/12/23	**Task Order Manager (Print name and sign)** [redacted]	**Date** 6/12/2023
Tt Program QC Manager (Print Name and Sign) N/A	**Date**	**Navy Acknowledgement (Print name and sign)**	**Date**

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CLEAN
CONTRACT NUMBER N6247016D9008

FIELD CHANGE REQUEST (FCR)

TASK ORDER # N4425519F4112 FCR # FCR-NW194112-07 DATE 7/5/2023

LOCATION: Naval Base Kitsap Bangor, Silverdale WA NTR/RPM Steve Skeehan / Janice Horton

1. Document to be changed. Identify revision, date, section, drawing, etc.

Final MEC QAPP - Munitions Response Quality Assurance Project Plan for Munitions and Explosives of Concern Site Inspection at Naval Base Kitsap Bangor dated June 2021.

Figures 10-19, 10-20, 17-16, and 17-17.

2. Description of existing requirement and proposed change (Attach sheet if necessary)

This FCR addresses correction to the investigation area at sites UXO 15 and UXO 16. Project investigation areas and boundaries are defined by the corresponding global positioning system (GPS) coordinates associated with the project figures in the MEC QAPP. At site UXO 15 the area inside the (two layer high security) fence is excluded from investigation. However the location of the fence shown on the figures (10-19 and 17-16) is incorrect. Actual fence location is approximately 50 ft west.

Land surveyors have recorded the coordinates of the high security fence and accessible inspection areas. Figures 10-19 and 17-16 have been revised to accurately show the fence location and areas to be inspected and surveyed by EM-61 as shown by transect lines. In additon, the fence location has been added to site UXO 16 figures 10-20 and 17-17. Field personnel will inspect accessible area up to both sides of the fence (as allowed by security).

Replace QAPP figures 10-19, 10-20, 17-16, and 17-17 with the attached figures.

Tt Reason for Change (Attach sheet if necessary)

Figures in the MEC QAPP were generated using Google Earth imagery with notation, such as the fence, based on visual interpretation. At the time of the figure preparation, the fence was not present in the imagery and its position was incorrectly shown.

4. Originator: (print name and sign) [redacted]		**Title** Project Manager	**Date** 7/5/2023
Reviewed by: (print name and sign) [redacted]		**Title** UXO Operations Manager	**Date** 7/5/2023
Site Superintendent (Print name and sign) [redacted]	**Date** 7/5/23	**Task Order Manager (Print name and sign)** [redacted]	**Date** 7/5/2023
Tt Program QC Manager (Print Name and Sign) [redacted]	**Date** 7/5/23	**Navy Acknowledgement (Print name and sign)**	**Date**

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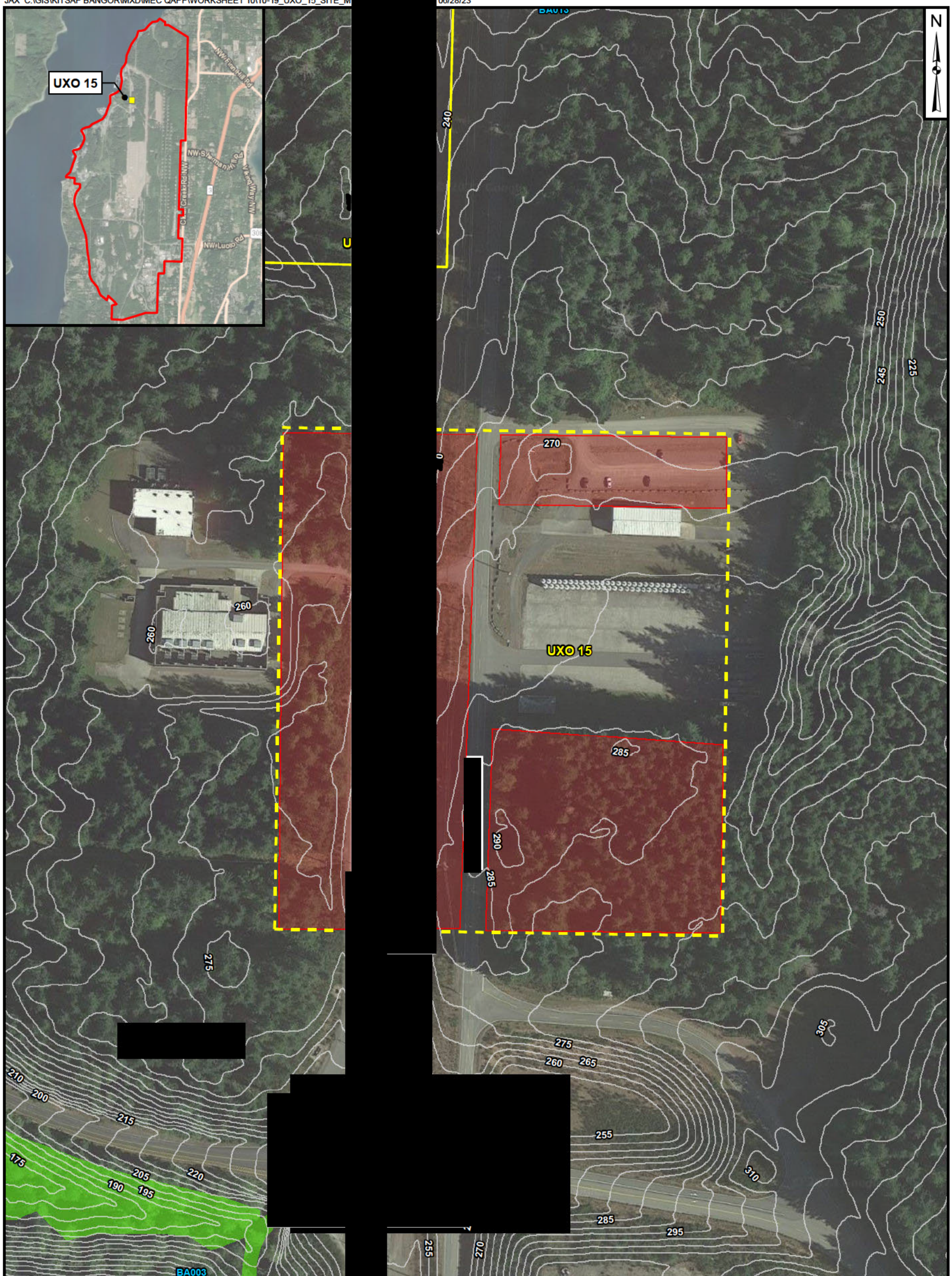
JAX C:\GIS\KITSAP BANGOR\MXD\MEC QAPP\WORKSHEET 10\10-19_UXO_15_SITE_M

06/28/23



NAVFAC

SITE LOCATION MAP

UXO 15 - [redacted] SITE KK)

KITSAP BANGOR

BANGOR, WASHINGTON

CTO
-
DRAWN BY / DATE
J.MADDEN 06/28/23
CHECKED BY / DATE
H.NOLF 06/28/23
FIGURE NUMBER
10-19

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UXO 16

UXO 10

Former Burn Site as depicted on 1951 through 1977 aerials

UXO 16

UXO 15

N

Legend

- Wetland Area
- Investigation Area (9.1 acres)
- [redacted]
- 5-Foot LIDAR Contours
- Former Burn Site as depicted on 1951 through 1977 aerials
- Site Boundary - Lower Base (100% Surface Clearance)
- Site Boundary - Lower Base (Partial Surface Clearance)

100 0 100 Feet

NAVFAC

SITE LOCATION MAP

UXO 16 - [redacted] (SITE LL)

KITSAP BANGOR

BANGOR, WASHINGTON

CTO	
-	
DRAWN BY	DATE
J.MADDEN	06/28/23
CHECKED BY	DATE
H.NOLF	06/28/23
FIGURE NUMBER	
10-20	

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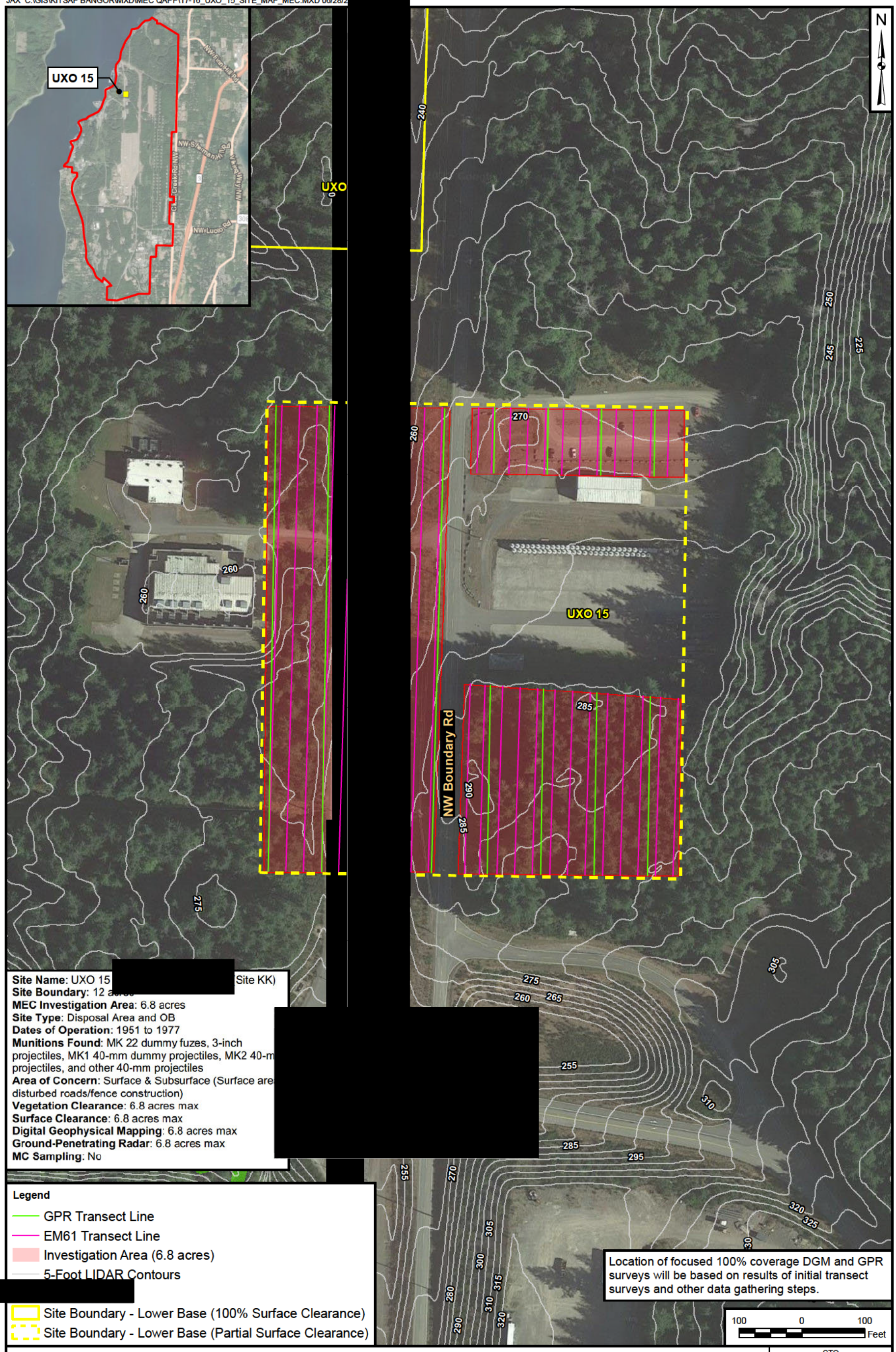
JAX C:\GIS\KITSAP BANGOR\MXD\MEC QAPP\17-16_UXO_15_SITE_MAP_MEC.MXD 06/28/2



Site Name: UXO 15 [redacted] Site KK)
Site Boundary: 12 [redacted]
MEC Investigation Area: 6.8 acres
Site Type: Disposal Area and OB
Dates of Operation: 1951 to 1977
Munitions Found: MK 22 dummy fuzes, 3-inch projectiles, MK1 40-mm dummy projectiles, MK2 40-m projectiles, and other 40-mm projectiles
Area of Concern: Surface & Subsurface (Surface are disturbed roads/fence construction)
Vegetation Clearance: 6.8 acres max
Surface Clearance: 6.8 acres max
Digital Geophysical Mapping: 6.8 acres max
Ground-Penetrating Radar: 6.8 acres max
MC Sampling: No

[redacted]

Legend

- GPR Transect Line
- EM61 Transect Line
- Investigation Area (6.8 acres)
- 5-Foot LIDAR Contours
- [redacted]
- Site Boundary - Lower Base (100% Surface Clearance)
- Site Boundary - Lower Base (Partial Surface Clearance)

Location of focused 100% coverage DGM and GPR surveys will be based on results of initial transect surveys and other data gathering steps.

100 0 100 Feet

NAVFAC

SITE MAP FOR MEC INVESTIGATION
UXO 15 - [redacted] (SITE KK)
KITSAP BANGOR
BANGOR, WASHINGTON

CTO
-
DRAWN BY / DATE
J.MADDEN 06/28/23
CHECKED BY / DATE
H.NOLF 06/28/23
FIGURE NUMBER
17-16

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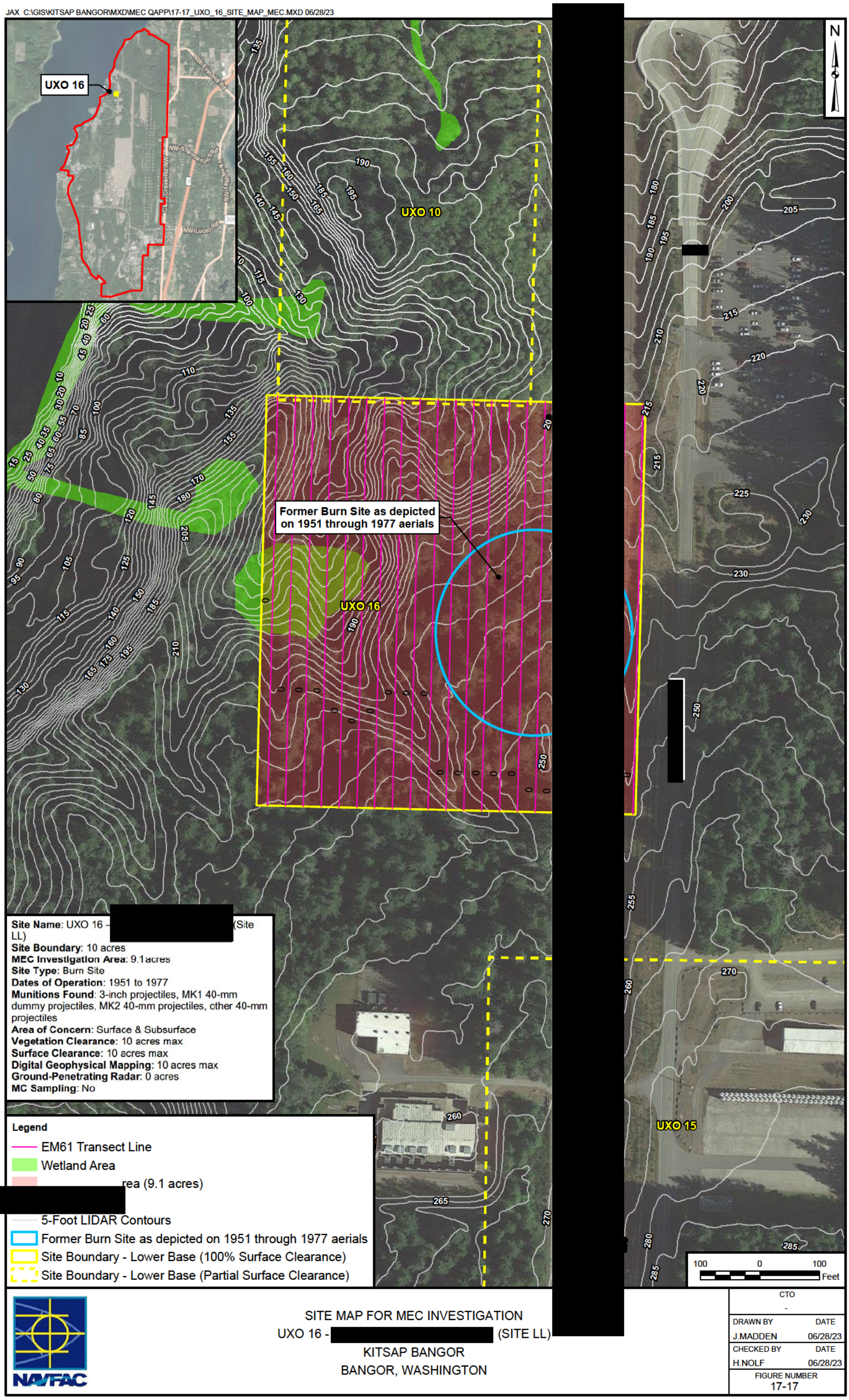
JAX C:\GIS\KITSAP BANGOR\MXD\MEC QAPP\17-17_UXO_16_SITE_MAP_MEC.MXD 06/28/23



Site Name: UXO 16 – [redacted] (Site LL)
Site Boundary: 10 acres
MEC Investigation Area: 9.1acres
Site Type: Burn Site
Dates of Operation: 1951 to 1977
Munitions Found: 3-inch projectiles, MK1 40-mm dummy projectiles, MK2 40-mm projectiles, other 40-mm projectiles
Area of Concern: Surface & Subsurface
Vegetation Clearance: 10 acres max
Surface Clearance: 10 acres max
Digital Geophysical Mapping: 10 acres max
Ground-Penetrating Radar: 0 acres
MC Sampling: No

Legend

- EM61 Transect Line
- Wetland Area
- [redacted]rea (9.1 acres)
- 5-Foot LIDAR Contours
- Former Burn Site as depicted on 1951 through 1977 aerials
- Site Boundary - Lower Base (100% Surface Clearance)
- Site Boundary - Lower Base (Partial Surface Clearance)

NAVFAC

SITE MAP FOR MEC INVESTIGATION
UXO 16 - [redacted] (SITE LL)
KITSAP BANGOR
BANGOR, WASHINGTON

CTO	-
DRAWN BY	DATE
J.MADDEN	06/28/23
CHECKED BY	DATE
H.NOLF	06/28/23
FIGURE NUMBER	17-17

CLEAN
CONTRACT NUMBER N6247016D9008

FIELD CHANGE REQUEST (FCR)

TASK ORDER # N4425519F4112 FCR # FCR-NW194112-08 DATE 7/27/2023

LOCATION: Naval Base Kitsap Bangor, Silverdale WA NTR/RPM [redacted]

1. Document to be changed. Identify revision, date, section, drawing, etc.

Final MEC QAPP - Munitions Response Quality Assurance Project Plan for Munitions and Explosives of Concern Site Inspection at Naval Base Kitsap Bangor dated June 2021.

Additionally Field Change Request FCR-NW194112-06.

2. Description of existing requirement and proposed change (Attach sheet if necessary)

MEC QAPP Worksheet 10 Section 10.3 presents four sites for potential deferral to Remedial Investigation (RI) if required due to funding. These four sites include:

- UXO 8 [redacted]
- UXO 10 [redacted]
- UXO 15 [redacted]
- UXO 16 [redacted]

MEC QAPP Worksheet 17 provides survey design specifics (vegetation clearance, detector aided surface sweep, and digital geophysical mapping [DGM]) for all project sites including the above four sites. Worksheet 17 specifies surface sweep and DGM areas including specific details of each of the three DGM methods.

FCR-NW194112-06 was issued to address an alternate approach to Ground Penetrating Radar (GPR) surveying at the sites based on project data team (PDT) review of data and existing site conditions. The FCR revised Section 17 tables to reflect the PDT decision for GPR surveys at all the sites. However the revised tables either did not include, or identified as Not Applicable (N/A), the four sites that were anticapated to be deferred. With sufficient funding remaining, the project is proceeding with survey investigations at the four deferred sites as defined in the QAPP with the exception of not conducting TEM-8g surveys. To accurately reflect the DGM surveys to be conducted at the four deferred sites, Tables 17-1, 17-2, and 17-3 revised by FCR-NW194112-06 are provided again by this FCR with inclusion of the four deferred sites.

Tt Reason for Change (Attach sheet if necessary)

As stated in block 2 above, site UXO 8, UXO 10, UXO 15, and UXO 16 were not expected to be investigated due to funding constraints and were not appropriately notated in changes made by FCR-NW194112-06.

4. Originator: (print name and sign) [redacted]		**Title** Project Manager	**Date** 7/27/2023
Reviewed by: (print name and sign) [redacted]		**Title** QC Geophysicist	**Date** 8/3/2023
Site Superintendent (Print name and [redacted]	**Date** 8/3/23	**Task Order Manager (Print name and sign)** [redacted]	**Date** 7/27/2023
Tt Program QC Manager (Print Name and Sign) [redacted]	**Date** 8/3/23	**Navy Acknowledgement (Print name and sign)**	**Date**

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CONTRACT NUMBER N6247016D9008
TASK ORDER N4425519F4112
FCR-08, Attachment 1

This document summarizes updates to the final MEC QAPP including FCR-NW194112-06 for the subject task order. Text sections and tables in the MEC QAPP and as revised by FCR-NW194112-06 are presented in black font, whereas the proposed updates are in red font.

Worksheet #17, Table 17-1.

This table was updated by FCR-NW194112-06 to reflect which MRP sites will have GPR surveying based on PDT meetings during the SI data reviews. Only the first and last columns of this table from the MEC QAPP are presented for brevity.

TABLE 17-1 (Revised FCR-NW194112-08): SUMMMARY OF SI DATA COLLECTION ACTIVITIES BY SITE

SITE NAME/ LOCATION	Planned Geophysical Survey Coverage[1]			
	Types	EM61-MK2 HP T/FC (acres)	TEM-8g T/FC (acres)	GPR YES OR N/A
UXO 02 [redacted] (Site CC), Keyport Annex	N/A	Not Applicable (N/A)	N/A	N/A
UXO 03 [redacted] (Site D), Lower Base	T/FC	T (5.4)	FC (0.5)	N/A
UXO 04 [redacted] (Site 9), Upper Base	T/FC	T & FC (1.1)	T & FC (0.5)	YES
UXO 06 [redacted] (Site 22), North Lower Base	NA	N/A	N/A	N/A
UXO 07 [redacted] (Site 23), North Lower Base	T/FC	T (0.1)	FC (0.8)	YES
UXO 07B [redacted] (OU1 Site A), North Lower Base	N/A	N/A	N/A	N/A
UXO 08 [redacted] (Site NN), [redacted]	T/FC	T & FC (0.7)	N/A	*Pending Determination*
UXO 09 [redacted] (Site OO), North Lower Base	NA	N/A	N/A	N/A
UXO 10 [redacted] (Site 12), [redacted]	T	T (1.1)	N/A	*Pending Determination*
UXO 11 [redacted] (Site 14), Lower Base	T	T (0.3)	N/A	N/A
UXO 11B [redacted] (Site 8), Lower Base	T	T (0.3)	N/A	N/A
UXO 12 [redacted] Site HH), Lower Base	NA	N/A	N/A	N/A
UXO 13 [redacted] (Site 4 [redacted], Lower Base	T	T (0.3)	N/A	N/A
UXO 14 [redacted] (Site JJ), [redacted]	NA	N/A	N/A	N/A
UXO 15 [redacted] (Site KK), [redacted]	T/FC	T (0.8)	N/A	*Pending Determination*
UXO 16 [redacted] (Site LL), [redacted]	T/FC	T (1.1)	N/A	N/A
UXO 17 [redacted] (Site 2), Upper Base	FC	FC (5)	FC (9.3)	YES
UXO 17B [redacted] (Site 1), Upper Base	FC	FC (13.3)	FC (13.3)	YES
UXO 17C [redacted] (Site BB), Upper Base	NA	N/A	N/A	N/A

[1] Transect-based survey (T) or full coverage (FC) (i.e., grid-based survey across portion of footprint requiring geophysical mapping) or combination of the two (T/FC).

Worksheet #17, Table 17-2.

Table 17-2, as revised by FCR-NW-194112-06, is further revised below to put back in place sites UXO 8, UXO 10, UXO 15, and UXO 16.

TABLE 17-2 (Revised FCR-NW194112-08): DGM TRANSECT SURVEYS

SITE NAME/ LOCATION	EM61-MK2[1] Nominal Transect Spacing[4] (feet)	TEM-8g[2] Nominal Transect Spacing[4] (feet)	Geophysical Survey Transect Coverage	
			EM61-MK2 HP (acres)	TEM-8g (acres)
UXO 03 [redacted] (Site D), Lower Base	12	N/A	5.4	N/A
UXO 04 [redacted] (Site 9), Upper Base	10	190	1	0.1
UXO 07 [redacted] (Site 23), North Lower Base	33	N/A	0.1	N/A
UXO 08 [redacted] (Site NN), [redacted]	61	N/A	0.2	N/A
UXO 10 [redacted] (Site 12), [redacted]	7	N/A	1.1	N/A
UXO 11 [redacted] (Site 14), Lower Base	22	N/A	0.3	N/A
UXO 11B [redacted] (Site 8), Lower Base	22	N/A	0.3	N/A
UXO 13 [redacted] (Site 4[redacted]), Lower Base	27	N/A	0.3	N/A
UXO 15 [redacted] (Site KK), [redacted]	28	N/A	0.8	N/A
UXO 16 [redacted] (Site LL), [redacted]	30	N/A	1.1	N/A

Worksheet #17, Table 17-3.

Table 17-3, as revised by FCR-NW-194112-06, is further revised below to put back in place site UXO 8.

TABLE 17-3 (Revised FCR-NW194112-08): DGM FULL COVERAGE SURVEYS

SITE NAME/ LOCATION	EM61-MK2 HP (acres)	TEM-8g (acres)
UXO 03 [redacted] (Site D), Lower Base	N/A	0.5
UXO 04 [redacted] (Site 9), Upper Base	0.1	0.4
UXO 07 [redacted] Site 23), North Lower Base	N/A	0.8
UXO 08 [redacted] (Site NN), [redacted]	0.5	N/A
UXO 17 [redacted] (Site 2), Upper Base	5	9.3
UXO 17B [redacted] (Site 1), Upper Base	13.3	13.3

Worksheet #17, Table 17-4 (new).

Table 17-4 was added by FCR-NW194112-06 to document the GPR scope to be completed at each MRP site. The table has been revised to notate GPR determination is pending.

TABLE 17-4 (Revised FCR-NW194112-08): SITES WITH GPR SURVEYING

SITE NAME/ LOCATION	GPR SCOPE	TRANSECT LENGTH (linear feet)
UXO 04 [redacted] (Site 9), Upper Base	12 profiles	1,256
UXO 07 [redacted] (Site 23), North Lower Base	7 profiles	354
UXO 08 [redacted] (Site NN), [redacted]	*Pending Determination*	
UXO 10 [redacted] Site 12), [redacted]	*Pending Determination*	
UXO 15 [redacted] (Site KK), [redacted]	*Pending Determination*	
UXO 16 [redacted] (Site LL), [redacted]	N/A	N/A
UXO 17 [redacted] (Site 2), Upper Base	9 profiles	1,121
UXO 17B [redacted] (Site 1), Upper Base	10 profiles	1,371

Appendix C: Survey Report

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NOTIFICATION: THIS PAGE CONTAINS SENSITIVE BUT UNCLASSIFIED INFORMATION WHICH IS PROTECTED BY THE FREEDOM OF INFORMATION ACT

EXEMPTION 3. (5 USC 552(b)(3))

Information exempted by other statutes

10 USC Section 130(e) Treatment of Certain Critical Infrastructure Security Information

TO REQUEST A COPY OF THE DOCUMENT PLEASE CONTACT

Department of the Navy
Freedom of Information Act Office

http://www.secnav.navy.mil/foia/Pages/default.aspx

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