



Iowa Department of Natural Resources
Contaminated Sites Section
Final Remediation Report
for the
City of Muscatine Police Department Shooting Range

June 27, 2022

The Iowa Department of Natural Resources, Contaminated Sites Section, (Iowa DNR) has completed the review of the remedial action documents for the City of Muscatine Police Department Shooting Range and has determined no further environmental actions are required. This determination is based on the following:

- The Muscatine Police Department contracted with Enviromark Corp. to remove the lead contaminated soil found at the Muscatine Police Department shooting range located within the property boundary of the Muscatine Power & Water facility at 1700 Dick Drake Hwy, Muscatine, IA 52761 (Figure 1). On May 18, 2022 approximately 155 tons of contaminated soil was excavated from the lower and upper shooting ranges and stockpiled on the concrete pads found on-site. The lead contaminated soil was transported and disposed of at the US Ecology facility in Harvey, Illinois. US Ecology will either remove the lead from the soil and/or treat the soil to remove the hazardous characteristics utilizing their inorganic wastes and metals recycling services. The treatment process converts hazardous inorganic wastes into non-hazardous residuals. The excavated contaminated soil off-site transportation took place between May 31, 2022 and June 6, 2022, the shipping manifests are attached.
- During the May 18, 2022 excavation of the lead contaminated soil Iowa DNR staff was on site to collect confirmation soil samples to document the appropriate amount of soil was removed in order to demonstrate the site was properly remediated. Samples were collected throughout the remedial excavation process until the lead was removed below the cleanup goal of 400mg/kg. The cleanup goal for antimony was below 31mg/kg. A final round of confirmation soil samples was collected across the three excavation areas in order to document the cleanup goals were met. See Figure 2 for the sample locations. The samples were analyzed primarily for lead and antimony using an Olympus Vanta C-Series X-Ray Fluoresce Analyzer (XRF). The XRF was set for maximum sensitivity for the metals lead and antimony with the result found in the attached field notes. Lead was detected in every sample but, for the final round of sampling, no sample exceeded the cleanup goal for lead. Antimony was not detected in any of the final samples.

As noted above, the Muscatine Police Department shooting range located at the Muscatine Power & Water facility has been properly remediated and the lead contaminated soil has been properly disposed of. At this time, no further environmental remedial actions are required and Iowa DNR considers the shooting range closed.

This determination is based on site specific conditions and should not be construed to be an endorsement by Iowa DNR that a hazardous condition does not exist on the property. This determination does not constitute an endorsement by Iowa DNR as to the appropriateness of any proposed use of the property. If such endorsements are sought, the property may be enrolled in the Iowa Land Recycling Program, which would involve a thorough investigation and assessment of risks associated with possible uses of the property. As it is, this site can be reopened in the future if environmental conditions, environmental regulations, land use, or other conditions change.

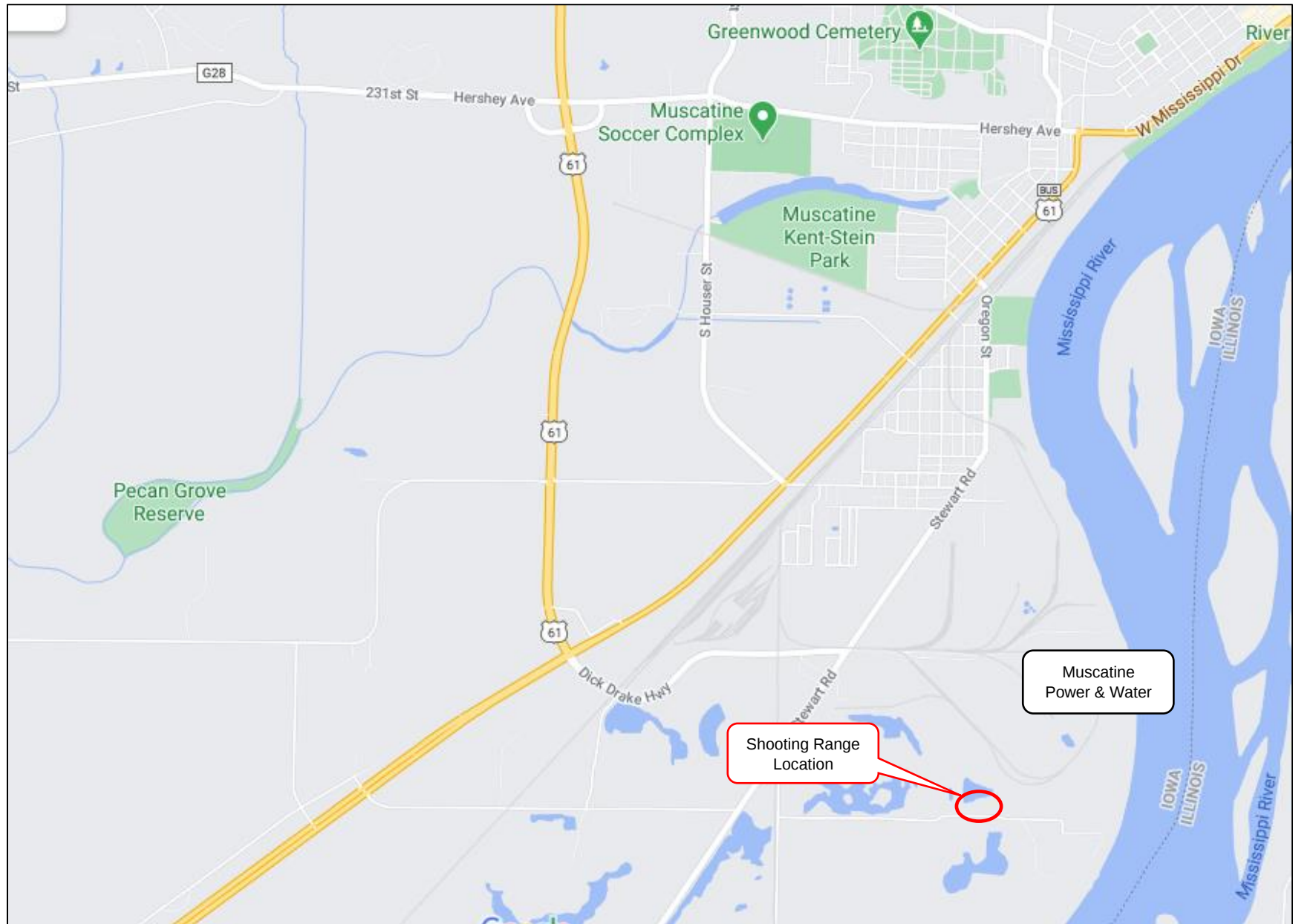
Dan Cook

Senior Environmental Specialist
Solid Waste & Contaminated Sites Section
Iowa Department of Natural Resources
515-537-4025
dan.cook@dnr.iowa.gov

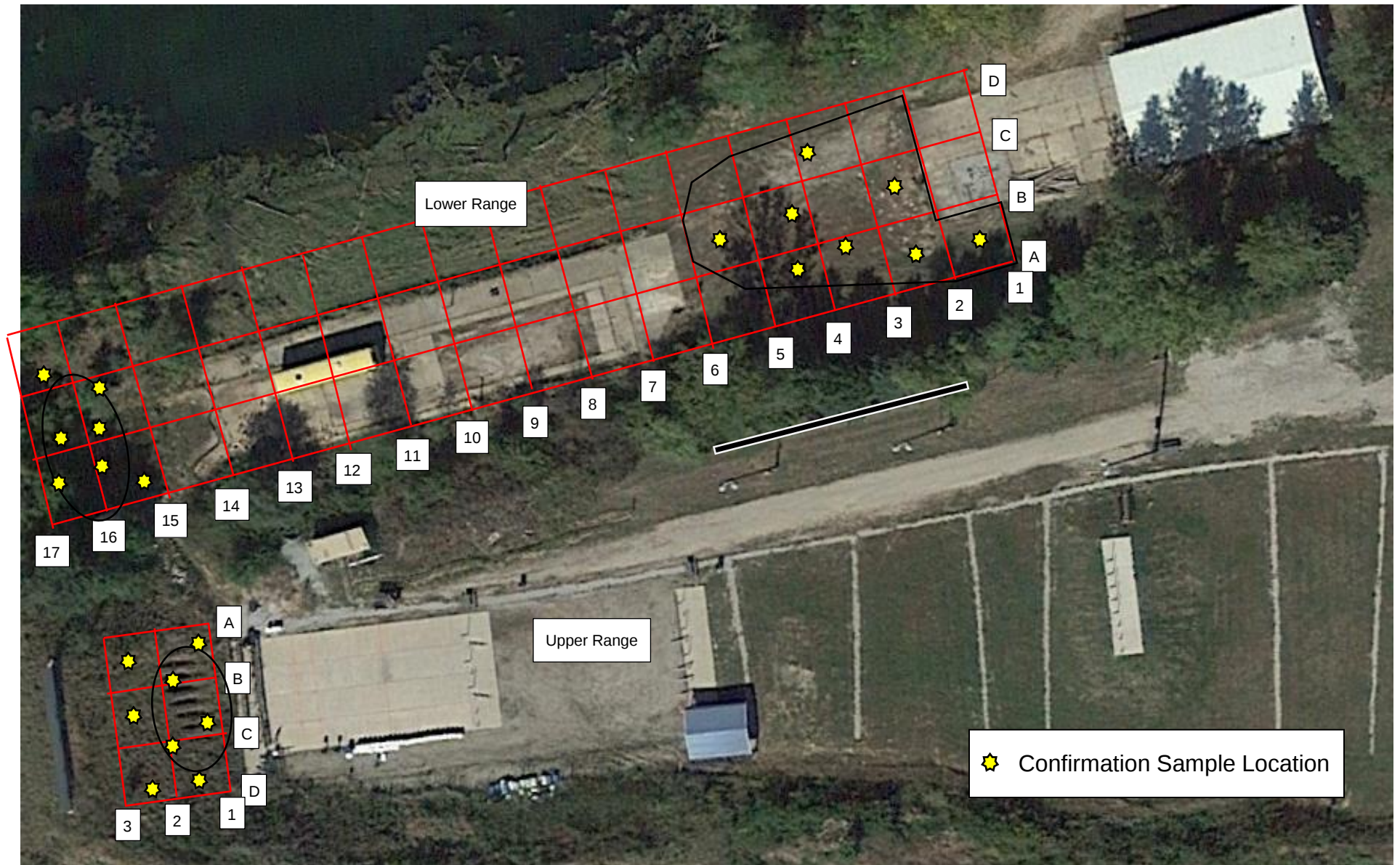
City of Muscatine Police Department Shooting Range

Site Location

Figure 1



City of Muscatine Police Department Shooting Range
Soil Remedial Action Soil Sample Confirmation Locations
Figure 2



Muscatine Police Department Shooting Range
Lead Contaminated Soil Remedial Action
Demonstration of Compliance Sample Form

Date: 5-18-2002

Time: 11:50am

Location Description: Upper Range Grid A-1 floor

Sample Results:

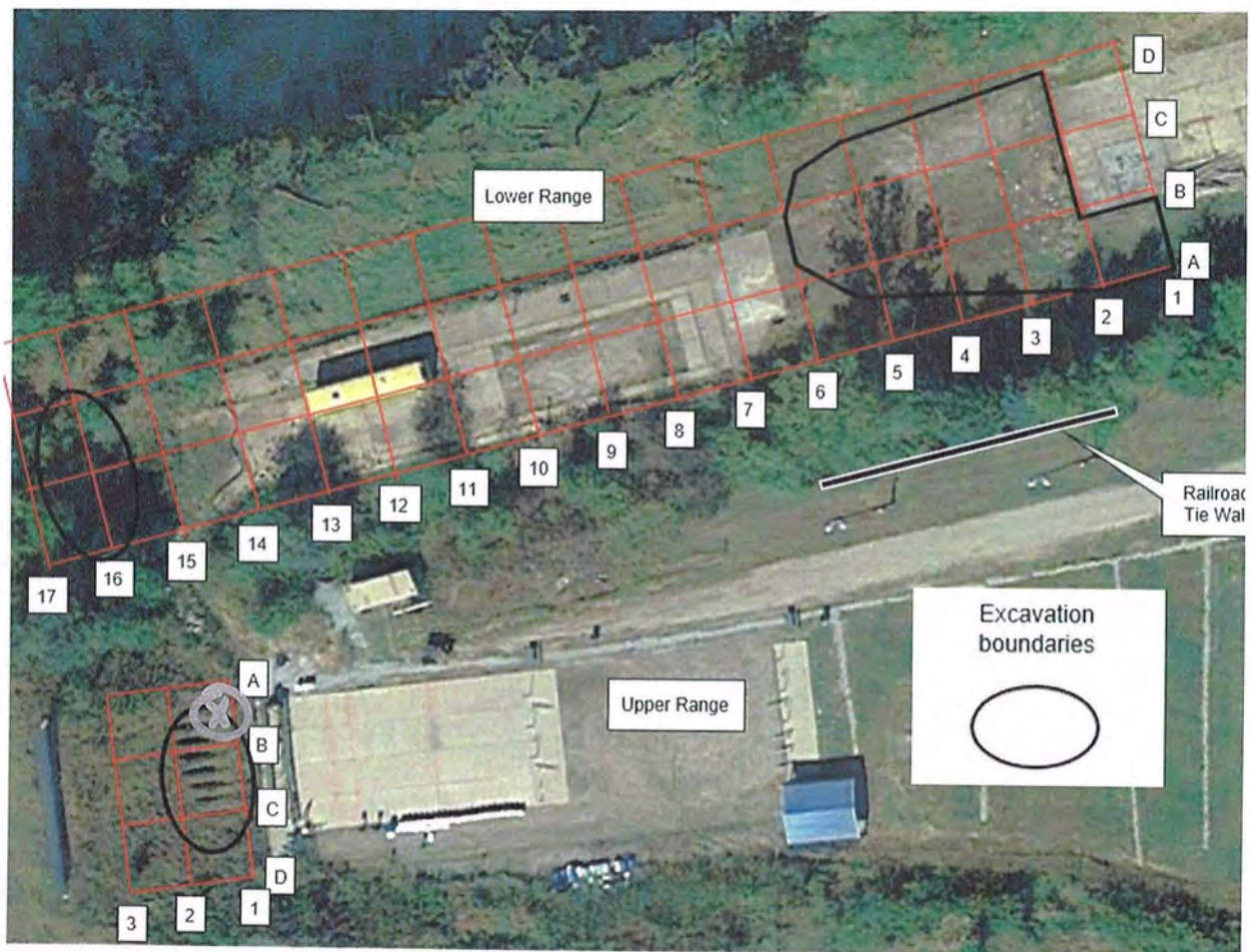
Lead: 131mg/kg (Goal, $\leq 400\text{mg/kg}$)

Antimony: ND (Goal, $\leq 31\text{mg/kg}$)

Notes: ND = nondetect

Sample Collector: Dan Cook, Iowa Department of Natural Resources

Test Equipment: Olympus VANTA Series C, X-Ray Fluorescence Analyzer, SN 804169



Muscatine Police Department Shooting Range
Lead Contaminated Soil Remedial Action
Demonstration of Compliance Sample Form

Date: 5-18-2022

Time: 11:53am

Location Description: Upper Range Corrid A-2 Floor

Sample Results:

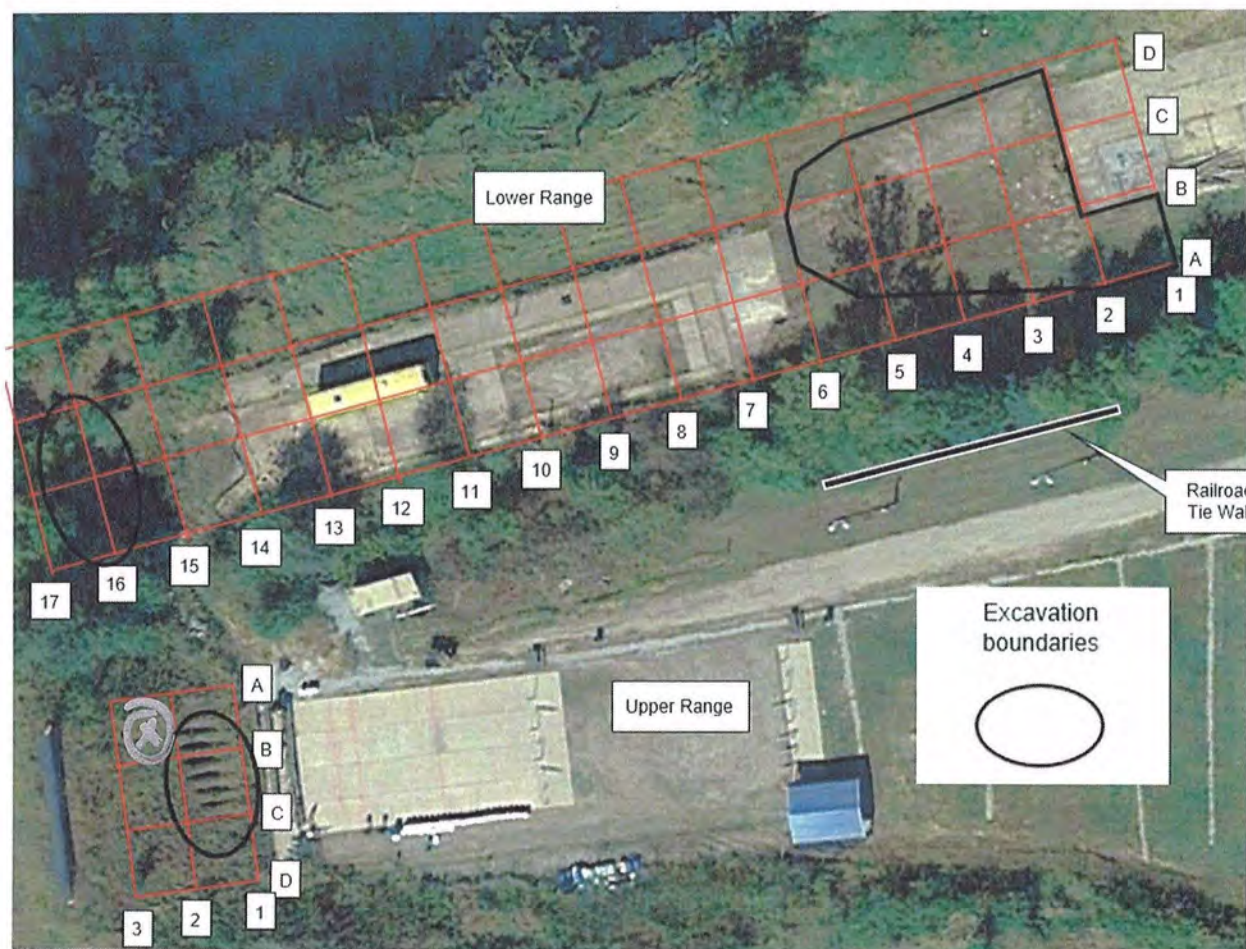
Lead: 178 mg/kg (Goal, $\leq 400\text{mg/kg}$)

Antimony: ND (Goal, $\leq 31\text{mg/kg}$)

Notes:

Sample Collector: Dan Cook, Iowa Department of Natural Resources

Test Equipment: Olympus VANTA Series C, X-Ray Fluorescence Analyzer, SN 804169



Muscatine Police Department Shooting Range
Lead Contaminated Soil Remedial Action
Demonstration of Compliance Sample Form

Date: 5-18-2022

Time: 11:55 am

Location Description: Upper Range Grid A-2 Sidewall

Sample Results:

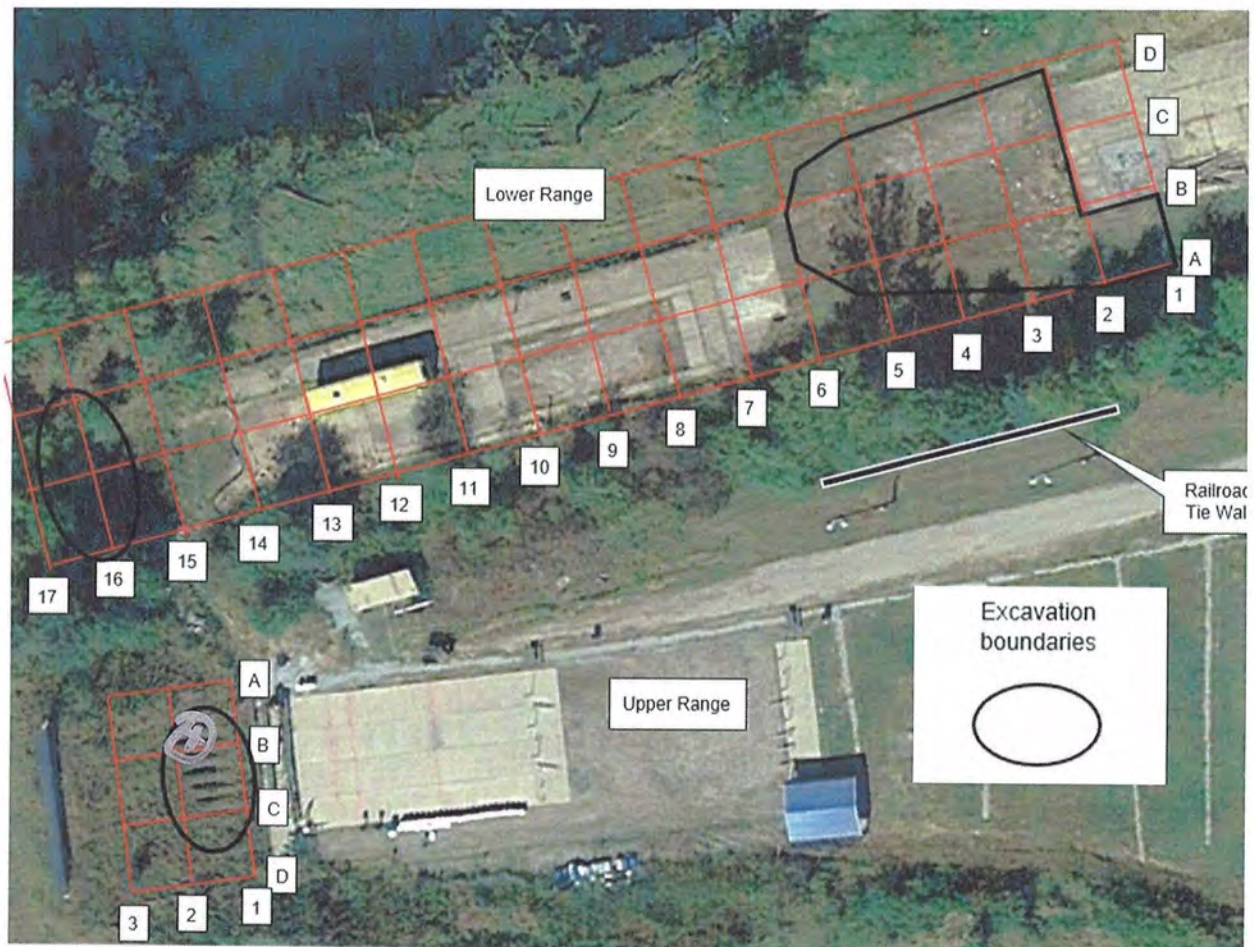
Lead: 70 mg/kg (Goal, $\leq 400\text{mg/kg}$)

Antimony: ND (Goal, $\leq 31\text{mg/kg}$)

Notes:

Sample Collector: Dan Cook, Iowa Department of Natural Resources

Test Equipment: Olympus VANTA Series C, X-Ray Fluorescence Analyzer, SN 804169



Muscatine Police Department Shooting Range
Lead Contaminated Soil Remedial Action
Demonstration of Compliance Sample Form

Date: 5-18-2022

Time: 11:57am

Location Description: Upper Range Grid 2-B Sidewall

Sample Results:

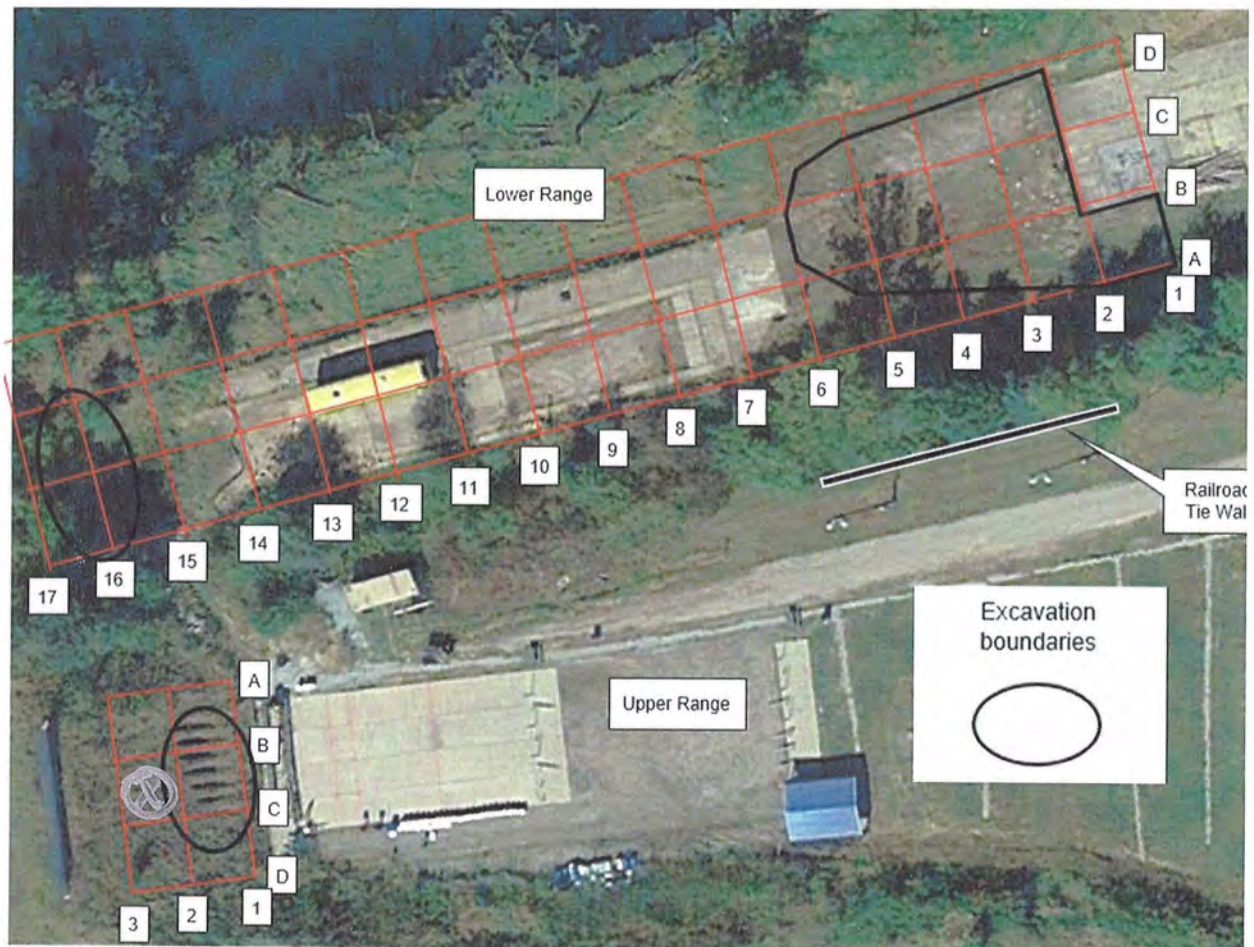
Lead: 74mg/kg (Goal, $\leq 400\text{mg/kg}$)

Antimony: ND (Goal, $\leq 31\text{mg/kg}$)

Notes:

Sample Collector: Dan Cook, Iowa Department of Natural Resources

Test Equipment: Olympus VANTA Series C, X-Ray Fluorescence Analyzer, SN 804169



Muscatine Police Department Shooting Range
Lead Contaminated Soil Remedial Action
Demonstration of Compliance Sample Form

Date: 5-18-2022

Time: 11:59am

Location Description: Upper Shooting Range Grid 1-B

Sample Results:

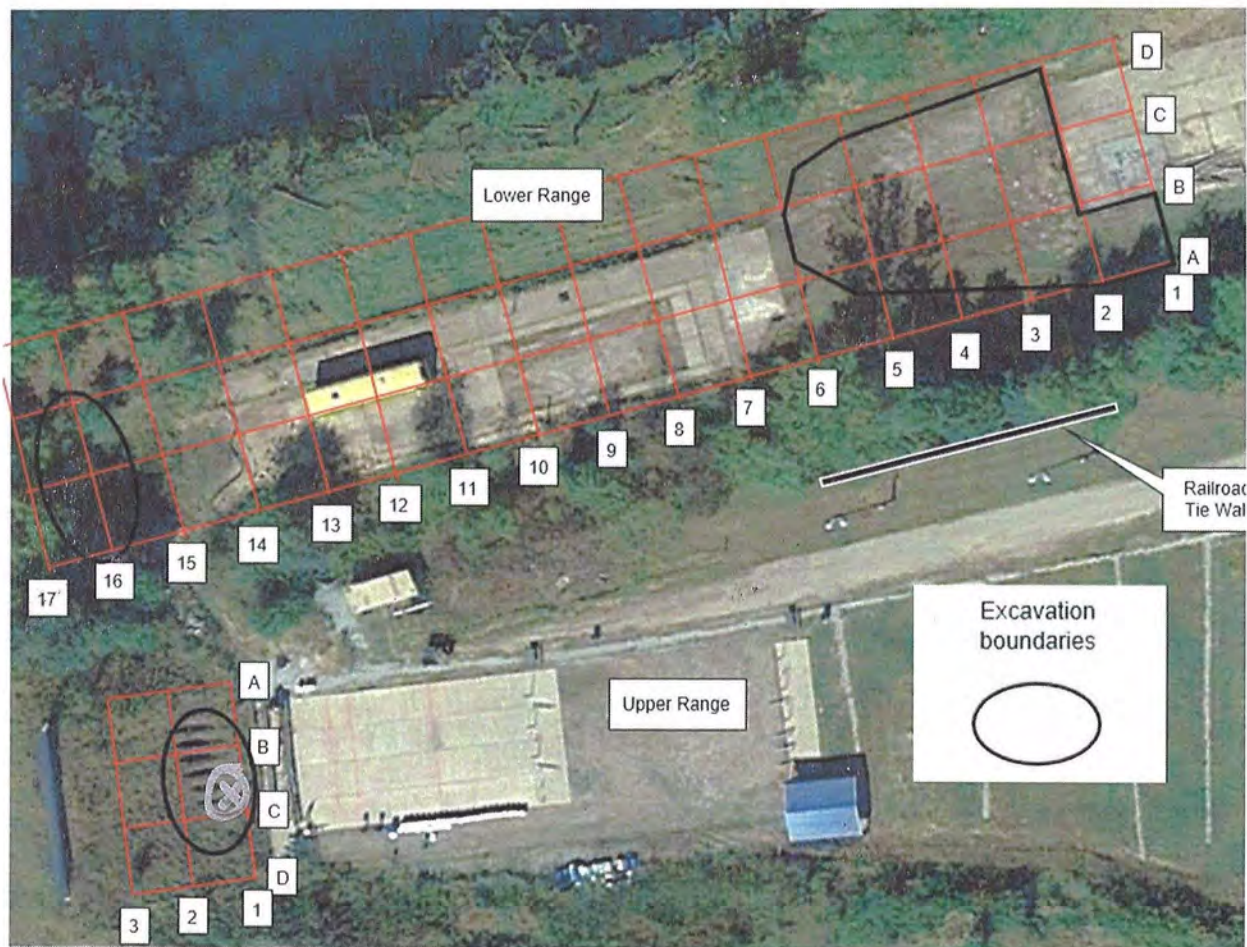
Lead: 105mg/kg (Goal, $\leq 400\text{mg/kg}$)

Antimony: ND (Goal, $\leq 31\text{mg/kg}$)

Notes:

Sample Collector: Dan Cook, Iowa Department of Natural Resources

Test Equipment: Olympus VANTA Series C, X-Ray Fluorescence Analyzer, SN 804169



Muscatine Police Department Shooting Range
Lead Contaminated Soil Remedial Action
Demonstration of Compliance Sample Form

Date: 5-18-2022

Time: 12:01pm

Location Description: Upper Range Grid 2-C

Sample Results:

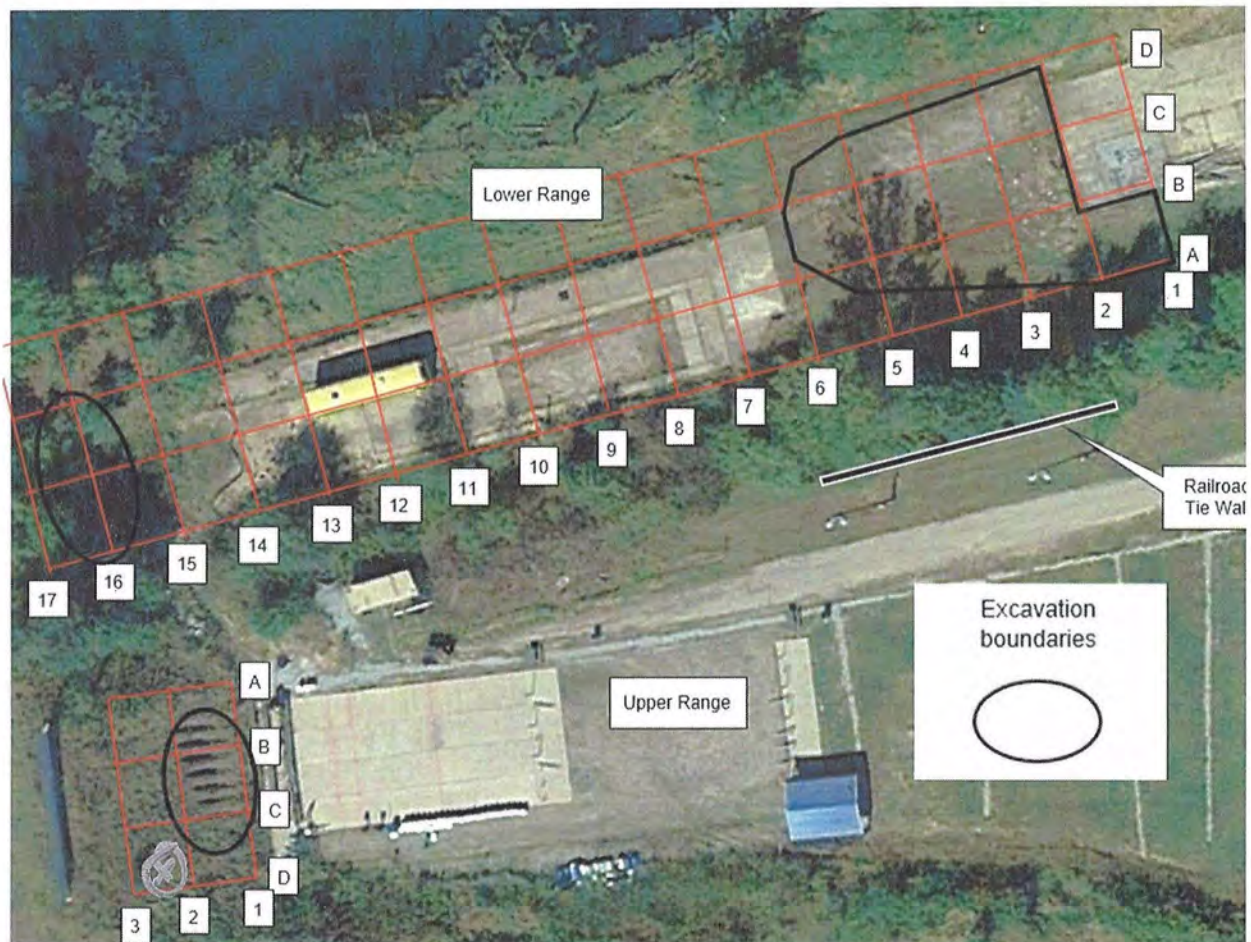
Lead: 63mg/kg (Goal, $\leq 400\text{mg/kg}$)

Antimony: ND (Goal, $\leq 31\text{mg/kg}$)

Notes:

Sample Collector: Dan Cook, Iowa Department of Natural Resources

Test Equipment: Olympus VANTA Series C, X-Ray Fluorescence Analyzer, SN 804169



Muscatine Police Department Shooting Range
Lead Contaminated Soil Remedial Action
Demonstration of Compliance Sample Form

Date: 5-18-2022

Time: 12:03 pm

Location Description: Upper Range Grid 1-C

Sample Results:

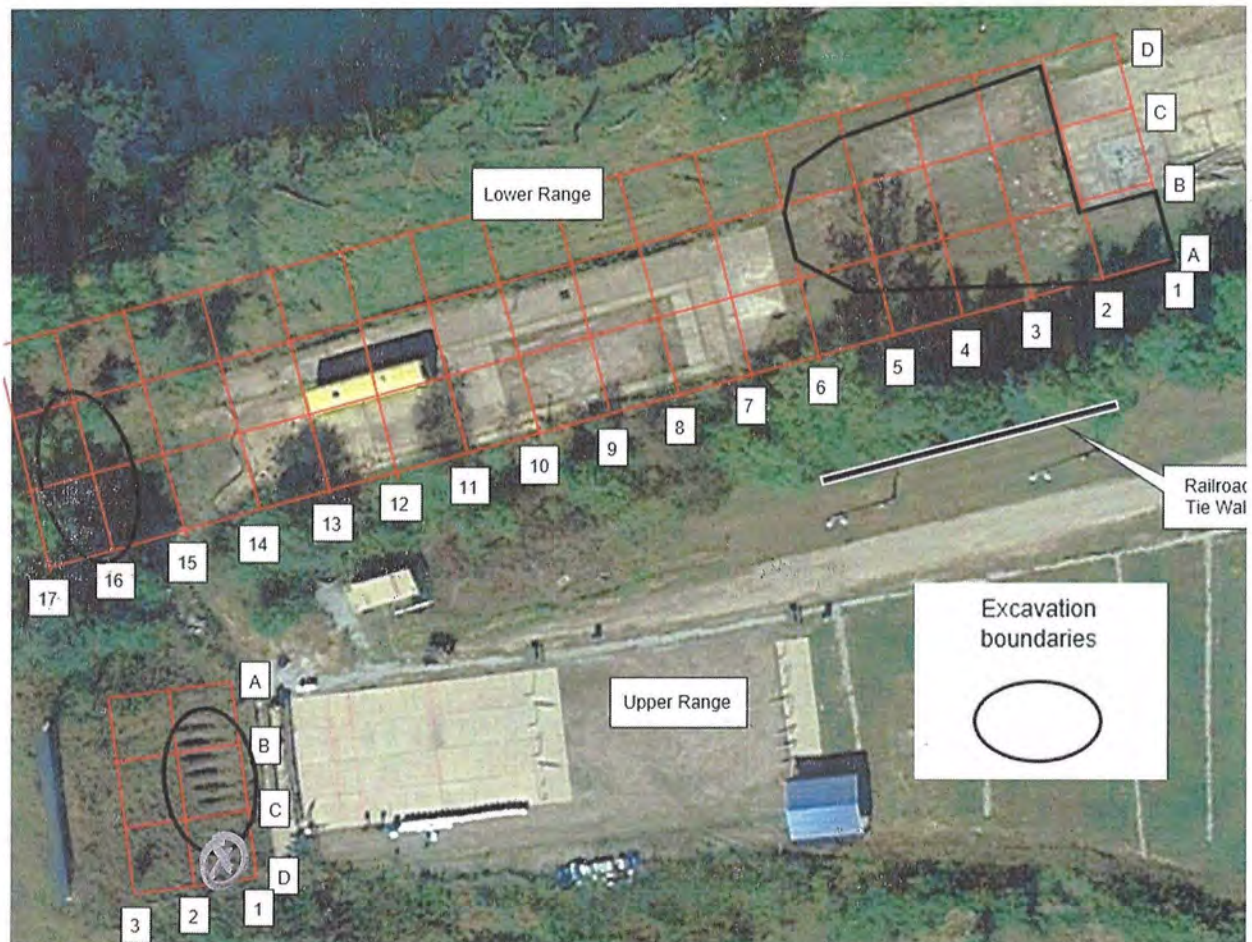
Lead: 99 mg/kg (Goal, $\leq 400\text{mg/kg}$)

Antimony: ND (Goal, $\leq 31\text{mg/kg}$)

Notes:

Sample Collector: Dan Cook, Iowa Department of Natural Resources

Test Equipment: Olympus VANTA Series C, X-Ray Fluorescence Analyzer, SN 804169



Muscatine Police Department Shooting Range
Lead Contaminated Soil Remedial Action
Demonstration of Compliance Sample Form

Date: 5-18-2022

Time: 12:06

Location Description: Upper Range Correl 2-C

Sample Results:

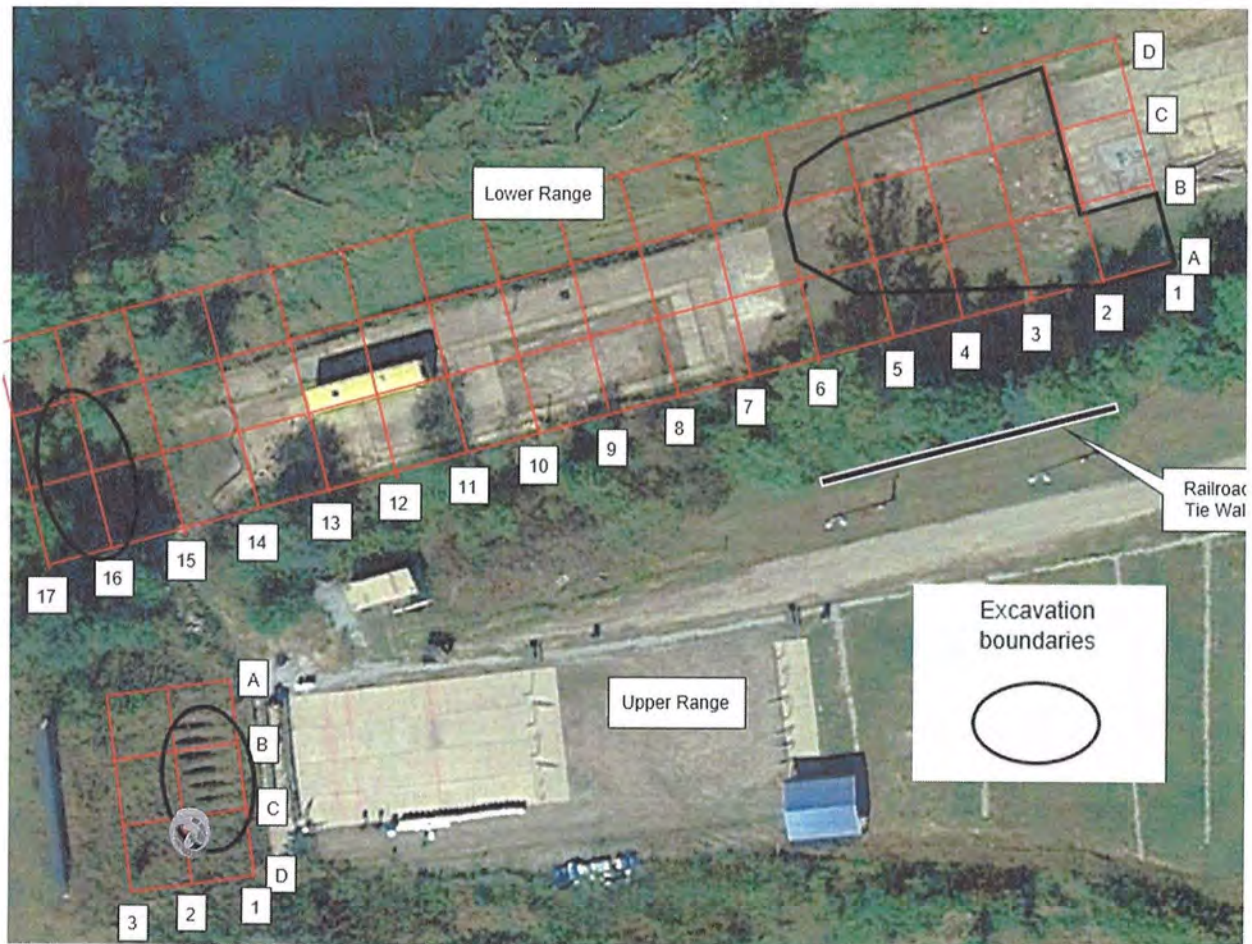
Lead: 71 mg/kg (Goal, $\leq 400\text{mg/kg}$)

Antimony: ND (Goal, $\leq 31\text{mg/kg}$)

Notes:

Sample Collector: Dan Cook, Iowa Department of Natural Resources

Test Equipment: Olympus VANTA Series C, X-Ray Fluorescence Analyzer, SN 804169



Muscatine Police Department Shooting Range
Lead Contaminated Soil Remedial Action
Demonstration of Compliance Sample Form

Date: 5/18/2022

Time: 2:35pm

Location Description: Lower Range Grid B-17 Sidewall

Sample Results:

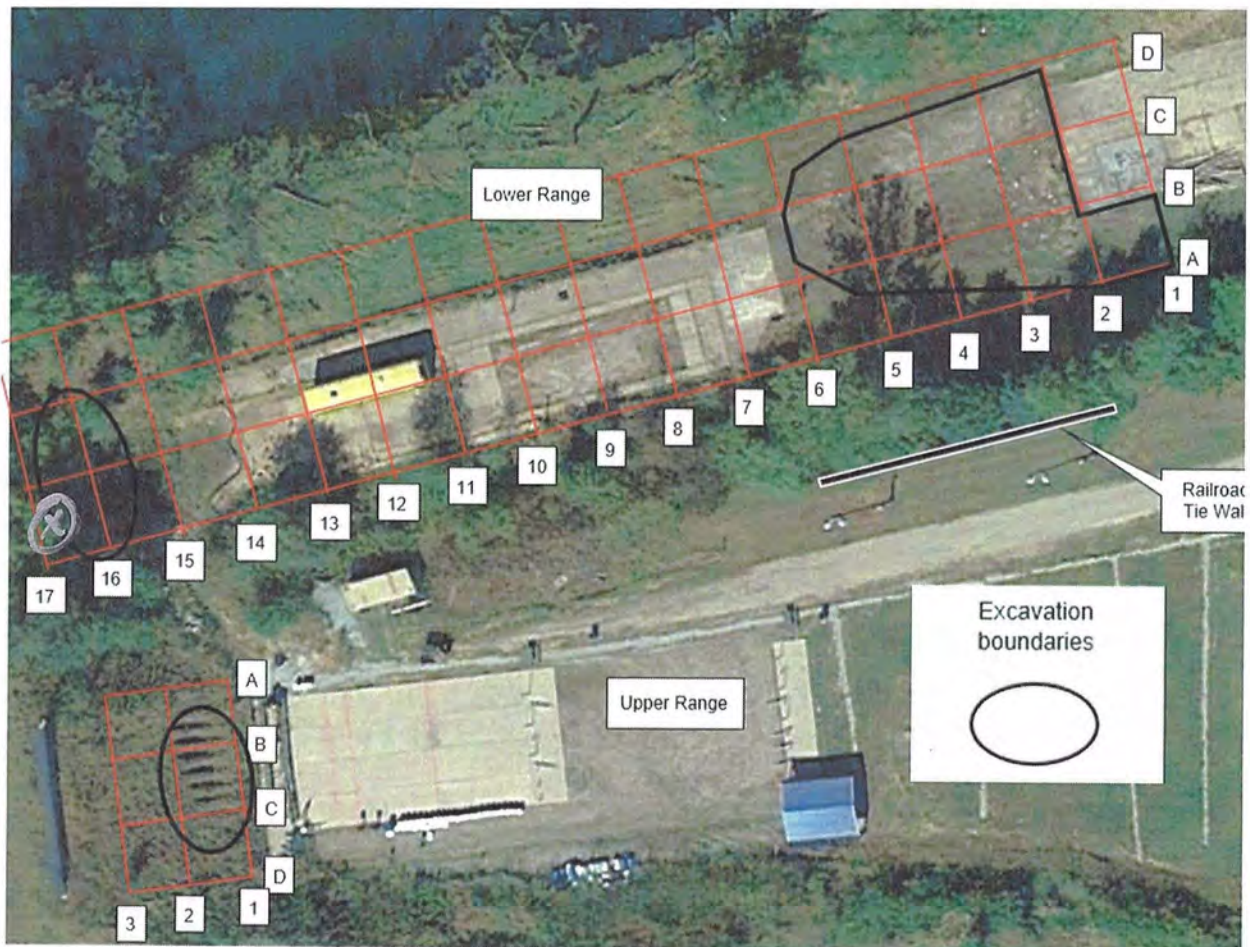
Lead: 121 mg/kg (Goal, $\leq 400\text{mg/kg}$)

Antimony: ND (Goal, $\leq 31\text{mg/kg}$)

Notes:

Sample Collector: Dan Cook, Iowa Department of Natural Resources

Test Equipment: Olympus VANTA Series C, X-Ray Fluorescence Analyzer, SN 804169



Muscatine Police Department Shooting Range
Lead Contaminated Soil Remedial Action
Demonstration of Compliance Sample Form

Date: 5-18-2022

Time: 2:38 pm

Location Description: Lower Range B-15 Floor

Sample Results:

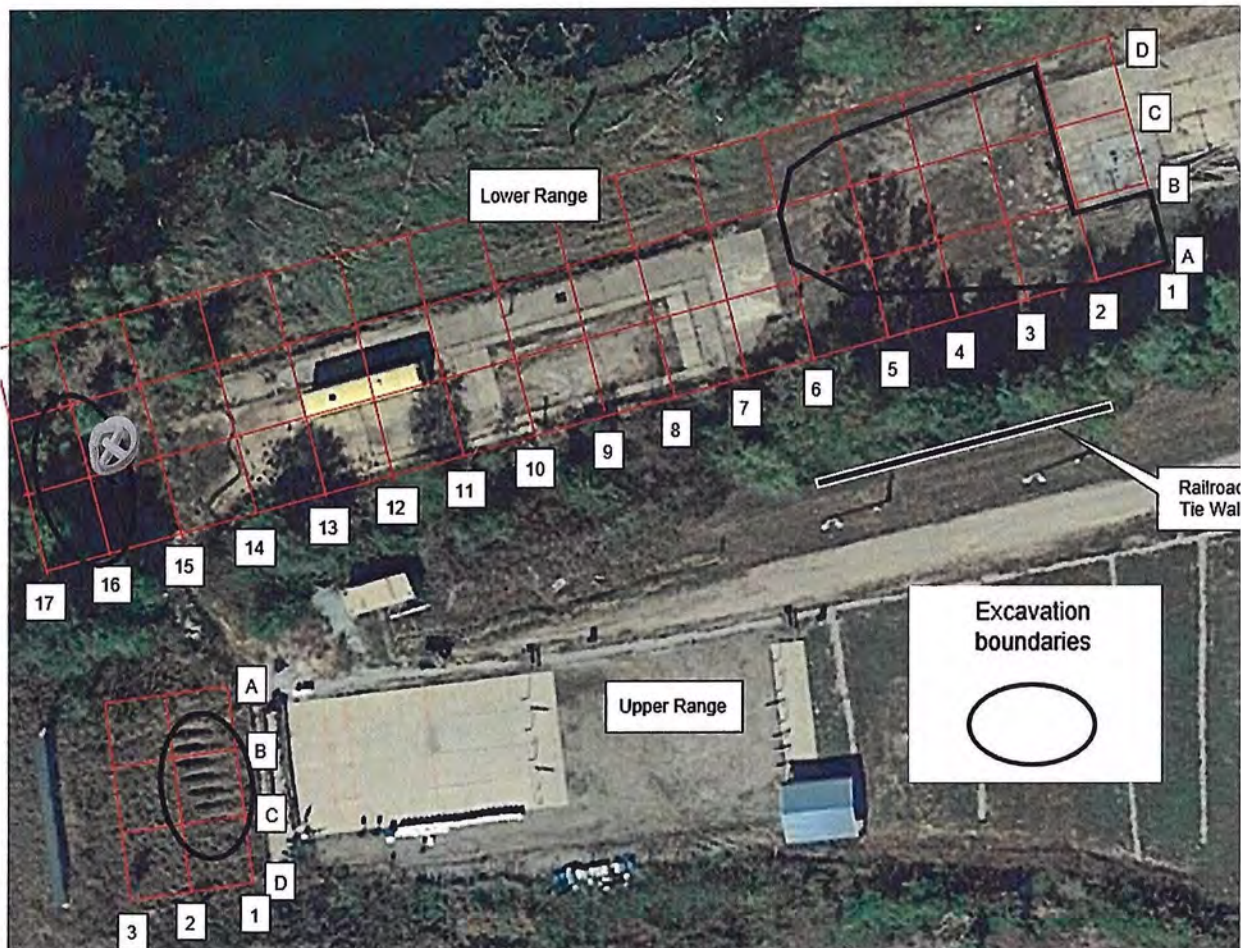
Lead: 161 mg/kg (Goal, $\leq 400\text{mg/kg}$)

Antimony: ND (Goal, $\leq 31\text{mg/kg}$)

Notes:

Sample Collector: Dan Cook, Iowa Department of Natural Resources

Test Equipment: Olympus VANTA Series C, X-Ray Fluorescence Analyzer, SN 804169



Muscataine Police Department Shooting Range
Lead Contaminated Soil Remedial Action
Demonstration of Compliance Sample Form

Date: 5-18-2022

Time: 2:41pm

Location Description: Lower Range Grid A-15

Sample Results:

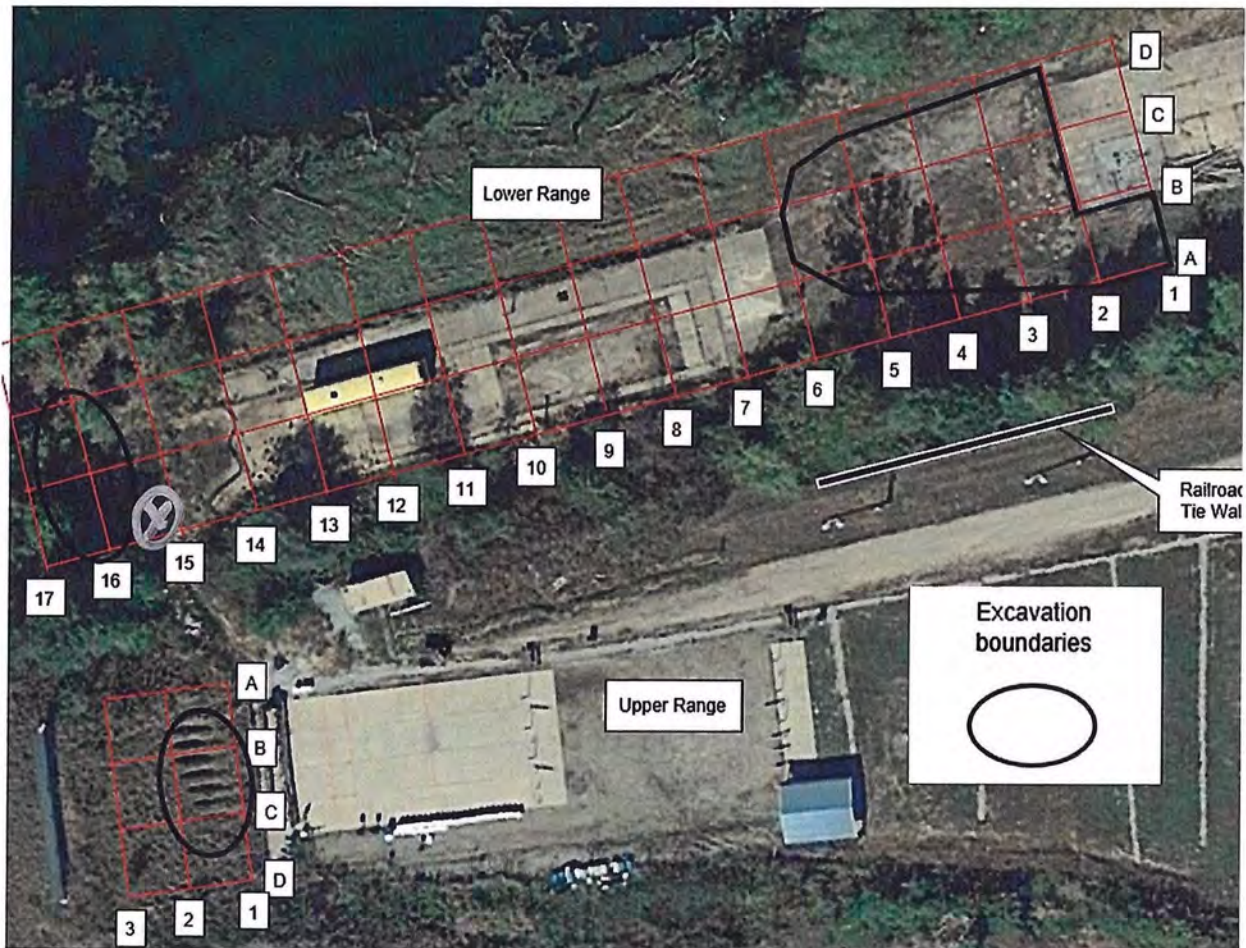
Lead: 224mg/kg (Goal, $\leq 400\text{mg/kg}$)

Antimony: ND (Goal, $\leq 31\text{mg/kg}$)

Notes:

Sample Collector: Dan Cook, Iowa Department of Natural Resources

Test Equipment: Olympus VANTA Series C, X-Ray Fluorescence Analyzer, SN 804169



Muscataine Police Department Shooting Range
Lead Contaminated Soil Remedial Action
Demonstration of Compliance Sample Form

Date: 5/18/2022

Time: 2:43pm

Location Description: Lower Range Grid B-16 Floor

Sample Results:

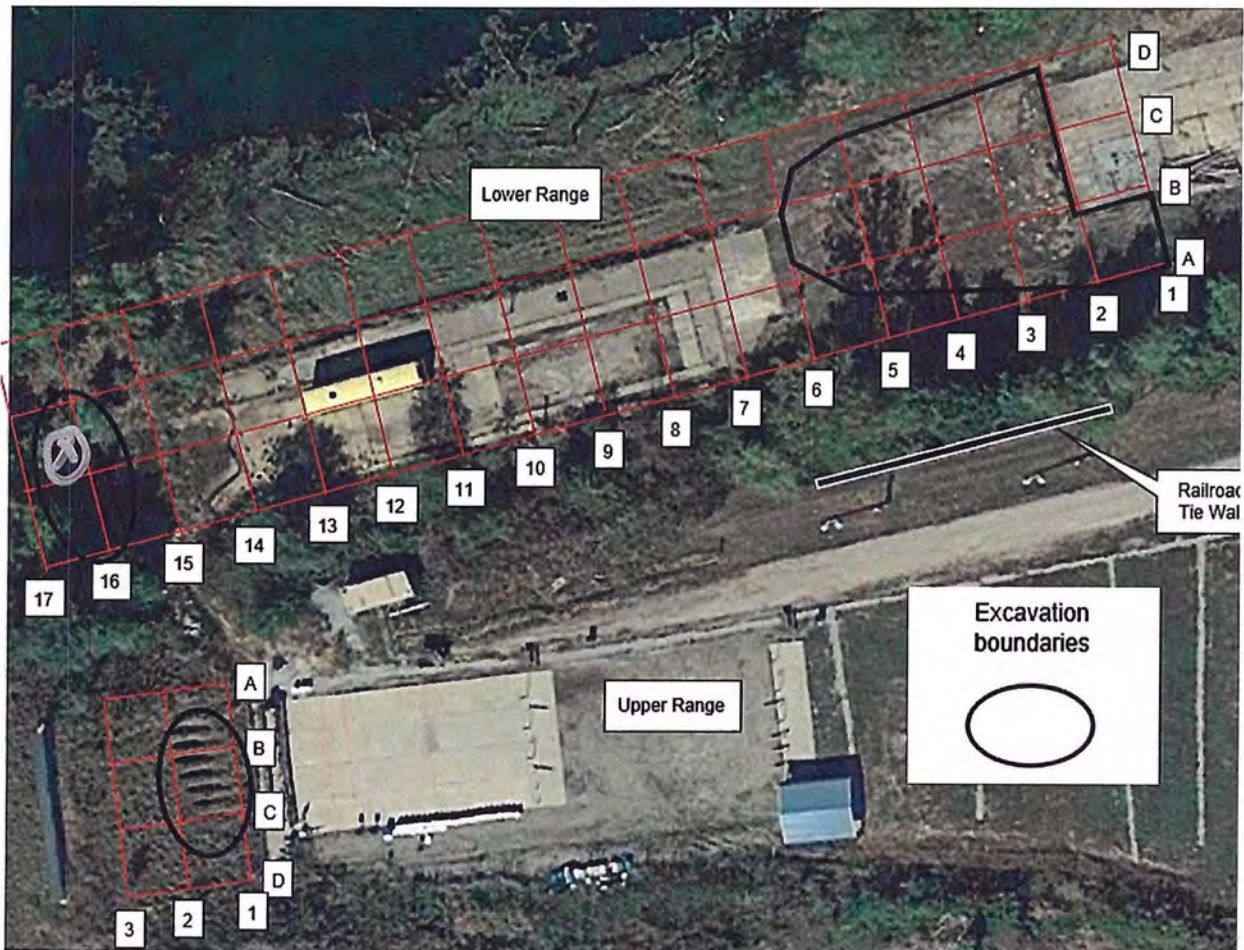
Lead: 22 mg/kg (Goal, $\leq 400\text{mg/kg}$)

Antimony: ND (Goal, $\leq 31\text{mg/kg}$)

Notes:

Sample Collector: Dan Cook, Iowa Department of Natural Resources

Test Equipment: Olympus VANTA Series C, X-Ray Fluorescence Analyzer, SN 804169



Muscataine Police Department Shooting Range
Lead Contaminated Soil Remedial Action
Demonstration of Compliance Sample Form

Date: 5.18.2022

Time: 2:48 pm

Location Description: Lower Range Grid C-16 Sidewall

Sample Results:

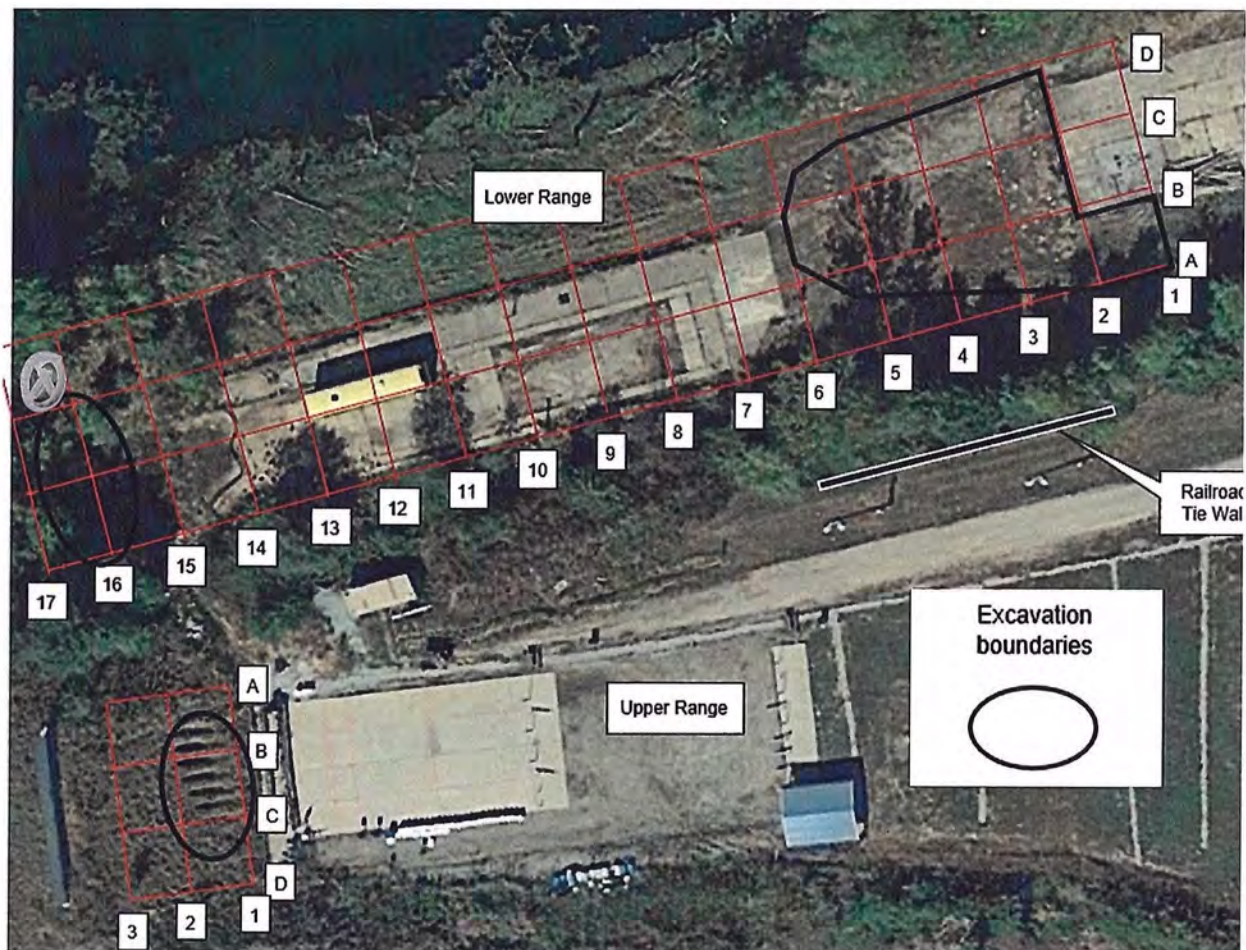
Lead: 208 mg/kg (Goal, ≤ 400 mg/kg)

Antimony: ND (Goal, ≤ 31 mg/kg)

Notes:

Sample Collector: Dan Cook, Iowa Department of Natural Resources

Test Equipment: Olympus VANTA Series C, X-Ray Fluorescence Analyzer, SN 804169



Muscataine Police Department Shooting Range
Lead Contaminated Soil Remedial Action
Demonstration of Compliance Sample Form

Date: 5-18-2022

Time: 2:51 pm

Location Description: Lower Range Corrid B-15

Sample Results:

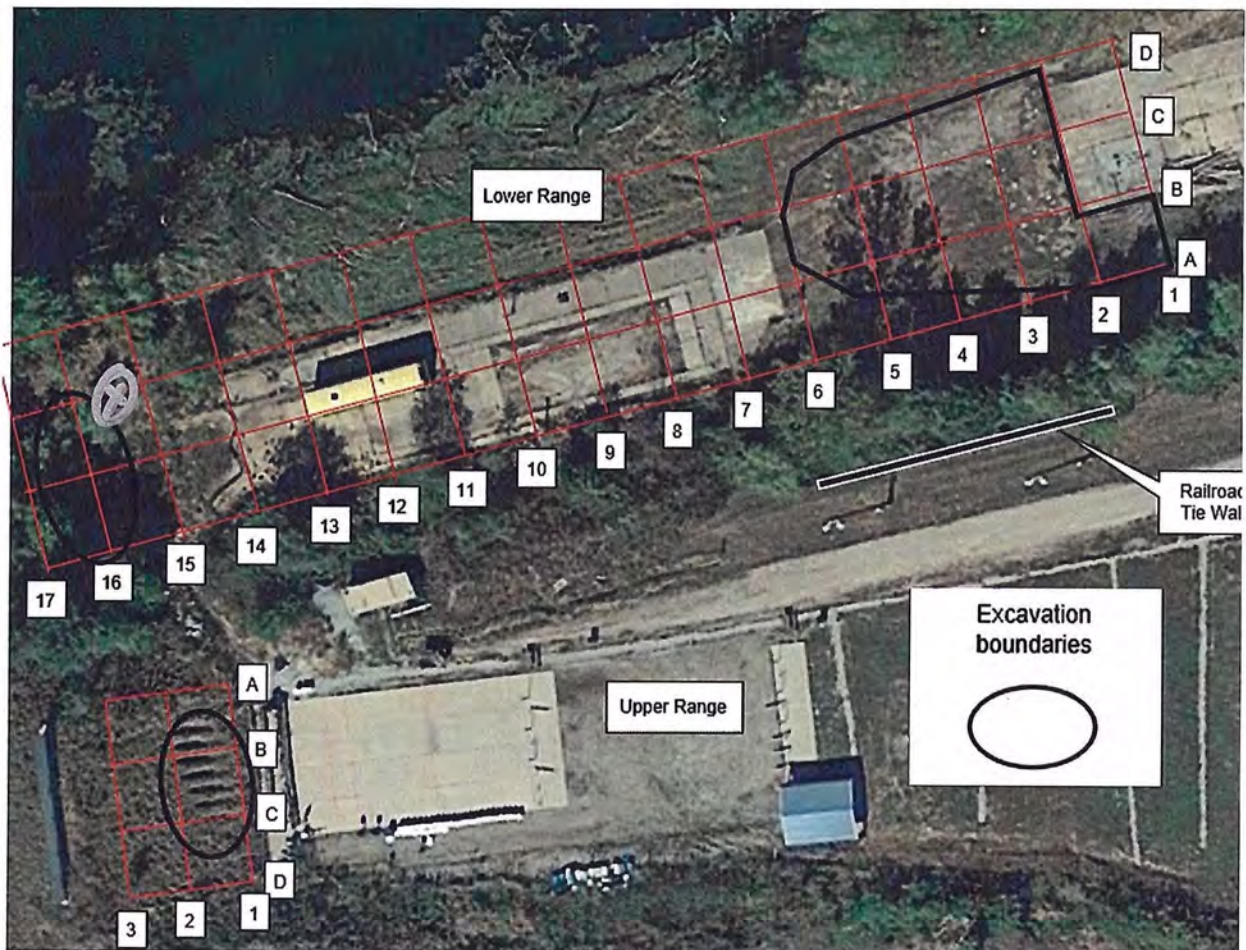
Lead: 87 mg/kg (Goal, $\leq 400\text{mg/kg}$)

Antimony: ND (Goal, $\leq 31\text{mg/kg}$)

Notes:

Sample Collector: Dan Cook, Iowa Department of Natural Resources

Test Equipment: Olympus VANTA Series C, X-Ray Fluorescence Analyzer, SN 804169



Muscatine Police Department Shooting Range
Lead Contaminated Soil Remedial Action
Demonstration of Compliance Sample Form

Date: 5-18-2022

Time: 2:56pm

Location Description: Lower Range Grid A-15

Sample Results:

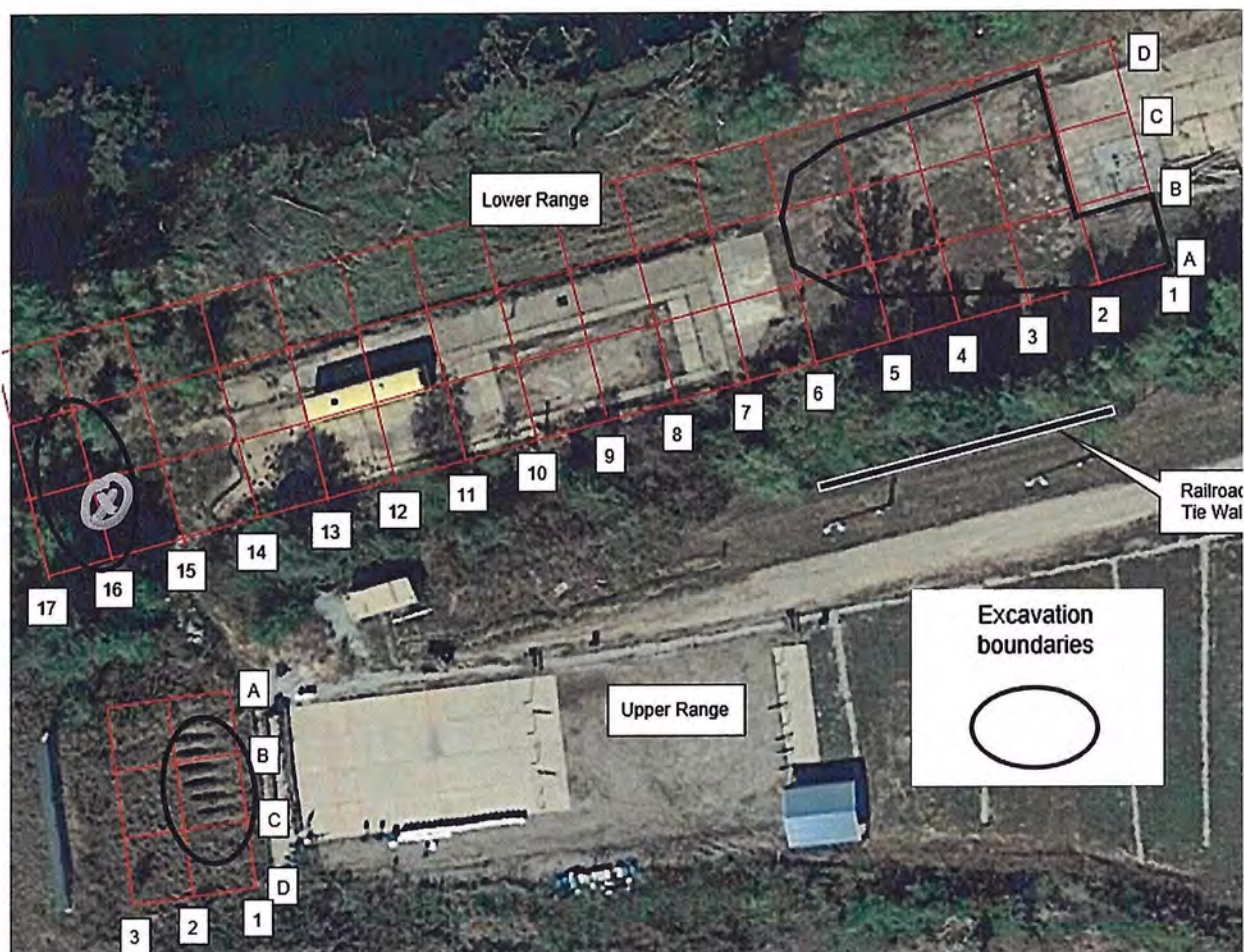
Lead: 63 mg/kg (Goal, $\leq 400\text{mg/kg}$)

Antimony: ND (Goal, $\leq 31\text{mg/kg}$)

Notes:

Sample Collector: Dan Cook, Iowa Department of Natural Resources

Test Equipment: Olympus VANTA Series C, X-Ray Fluorescence Analyzer, SN 804169



Muscatine Police Department Shooting Range
Lead Contaminated Soil Remedial Action
Demonstration of Compliance Sample Form

Date: 5-18-2022

Time: 3:10pm

Location Description: Lower Range Grid C-3

Sample Results:

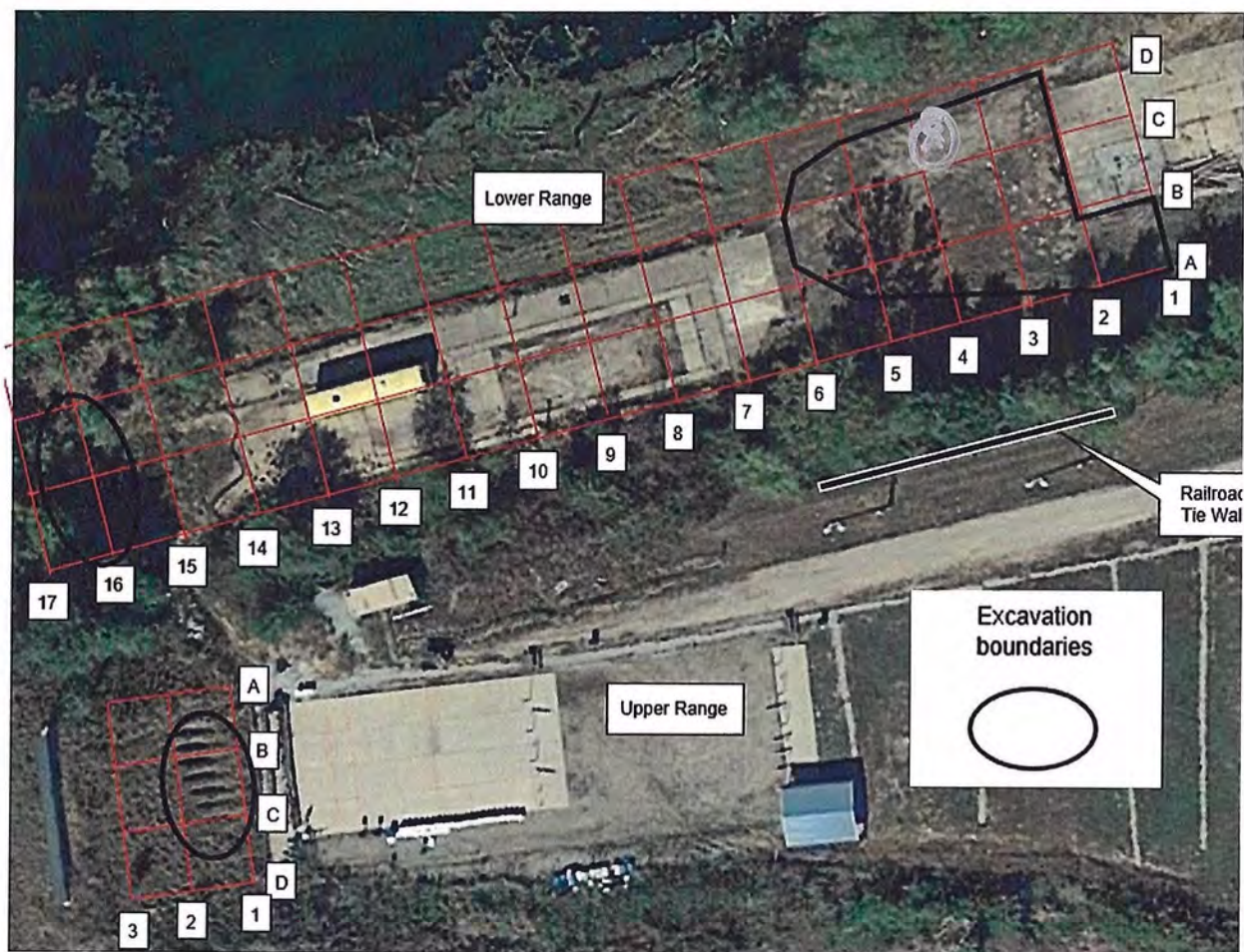
Lead: 54 mg/kg (Goal, $\leq 400\text{mg/kg}$)

Antimony: ND (Goal, $\leq 31\text{mg/kg}$)

Notes:

Sample Collector: Dan Cook, Iowa Department of Natural Resources

Test Equipment: Olympus VANTA Series C, X-Ray Fluorescence Analyzer, SN 804169



Muscatine Police Department Shooting Range
Lead Contaminated Soil Remedial Action
Demonstration of Compliance Sample Form

Date: 5-18-2022

Time: 3:14pm

Location Description: Lower Range Grid A-2

Sample Results:

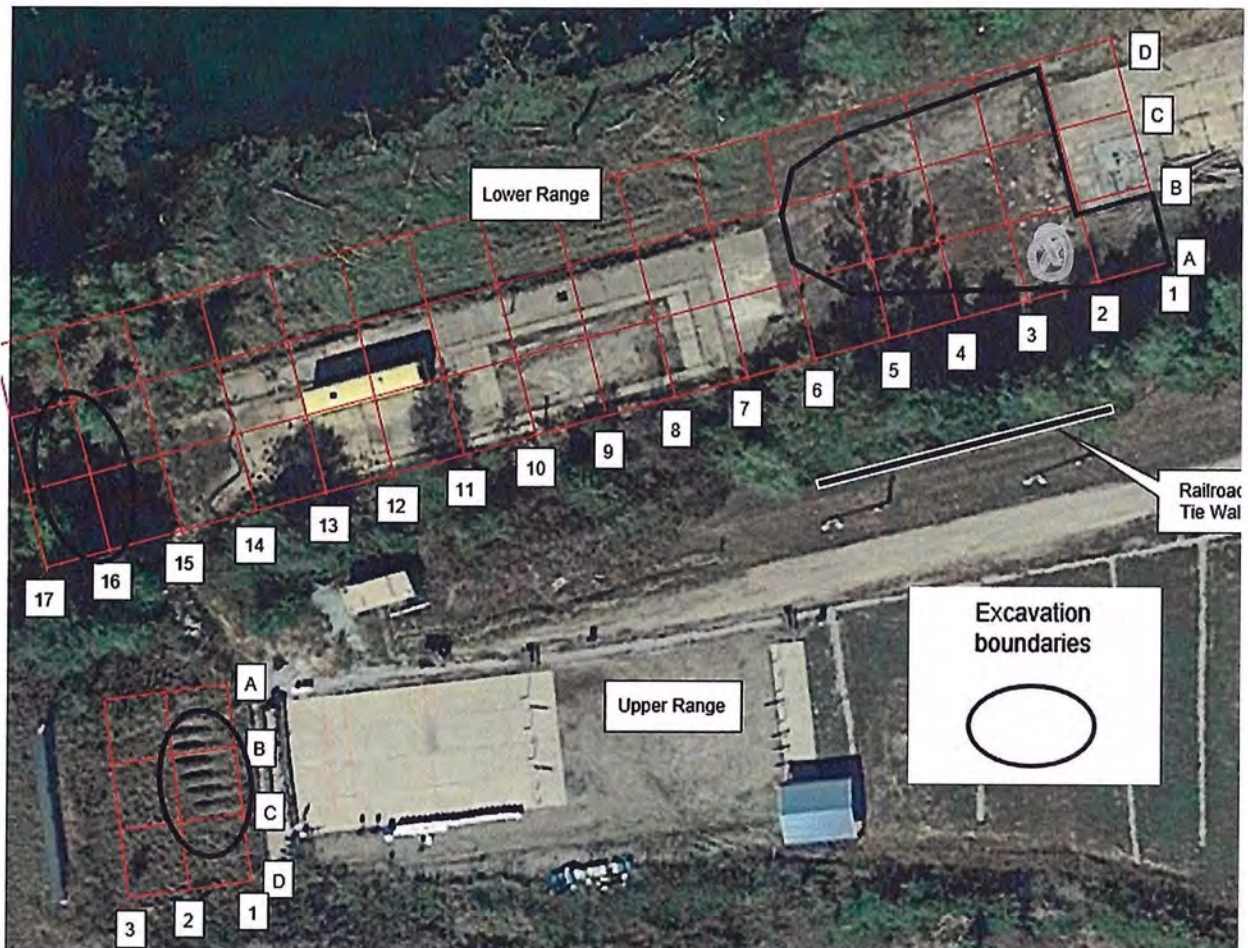
Lead: 123mg/kg (Goal, $\leq 400\text{mg/kg}$)

Antimony: ND (Goal, $\leq 31\text{mg/kg}$)

Notes:

Sample Collector: Dan Cook, Iowa Department of Natural Resources

Test Equipment: Olympus VANTA Series C, X-Ray Fluorescence Analyzer, SN 804169



Muscataine Police Department Shooting Range
Lead Contaminated Soil Remedial Action
Demonstration of Compliance Sample Form

Date: 5-18-2022

Time: 3:20pm

Location Description: Lower Range Grid B-2

Sample Results:

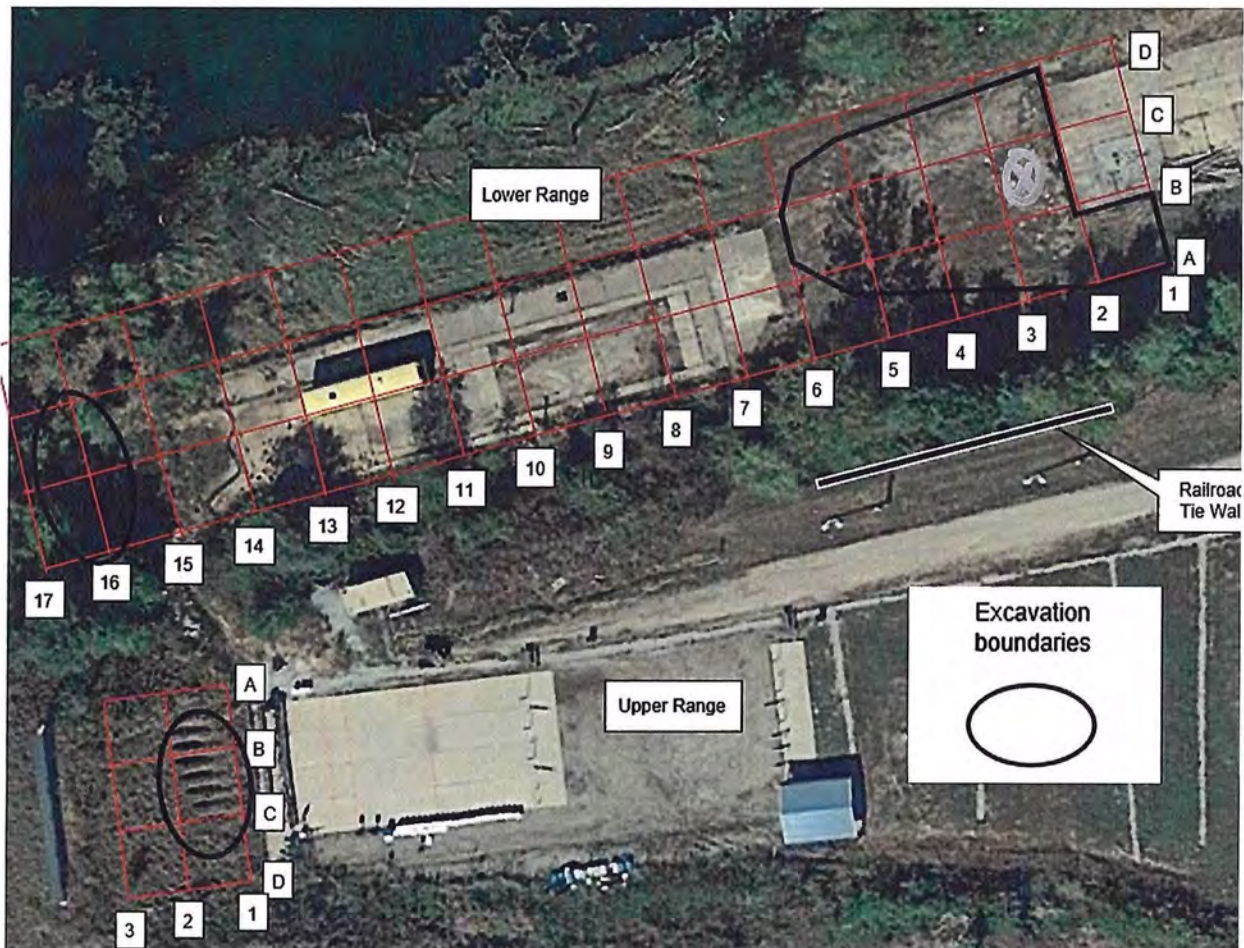
Lead: 125 mg/kg (Goal, $\leq 400\text{mg/kg}$)

Antimony: ND (Goal, $\leq 31\text{mg/kg}$)

Notes:

Sample Collector: Dan Cook, Iowa Department of Natural Resources

Test Equipment: Olympus VANTA Series C, X-Ray Fluorescence Analyzer, SN 804169



Muscataine Police Department Shooting Range
Lead Contaminated Soil Remedial Action
Demonstration of Compliance Sample Form

Date: 5-18-2022

Time: 3:24 pm

Location Description: Lower Range Grid B-4

Sample Results:

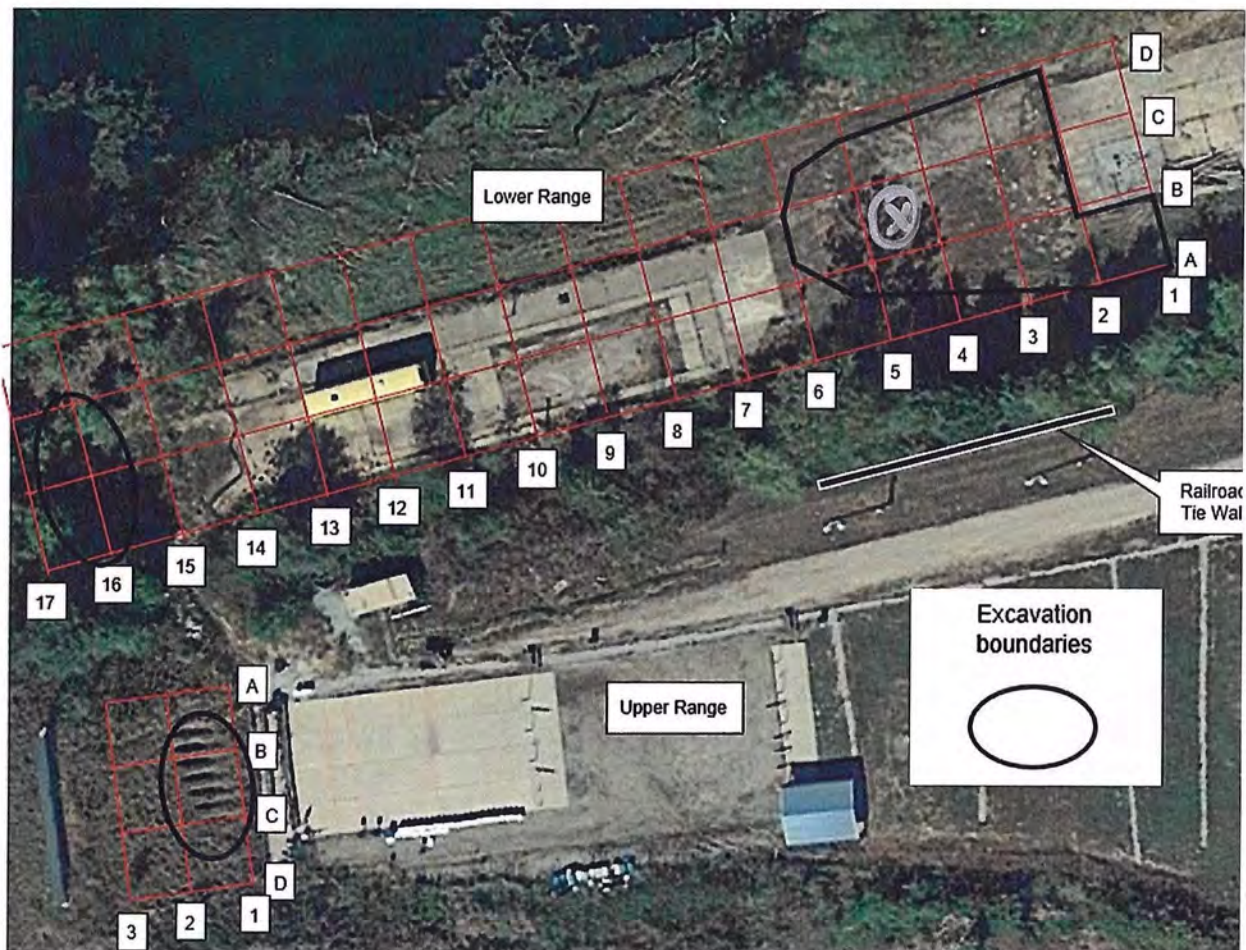
Lead: 17 mg/kg (Goal, ≤ 400 mg/kg)

Antimony: ND (Goal, ≤ 31 mg/kg)

Notes:

Sample Collector: Dan Cook, Iowa Department of Natural Resources

Test Equipment: Olympus VANTA Series C, X-Ray Fluorescence Analyzer, SN 804169



Muscatine Police Department Shooting Range
Lead Contaminated Soil Remedial Action
Demonstration of Compliance Sample Form

Date: 5-18-2022

Time: 3:29pm

Location Description: Lower Range Corrid A-4

Sample Results:

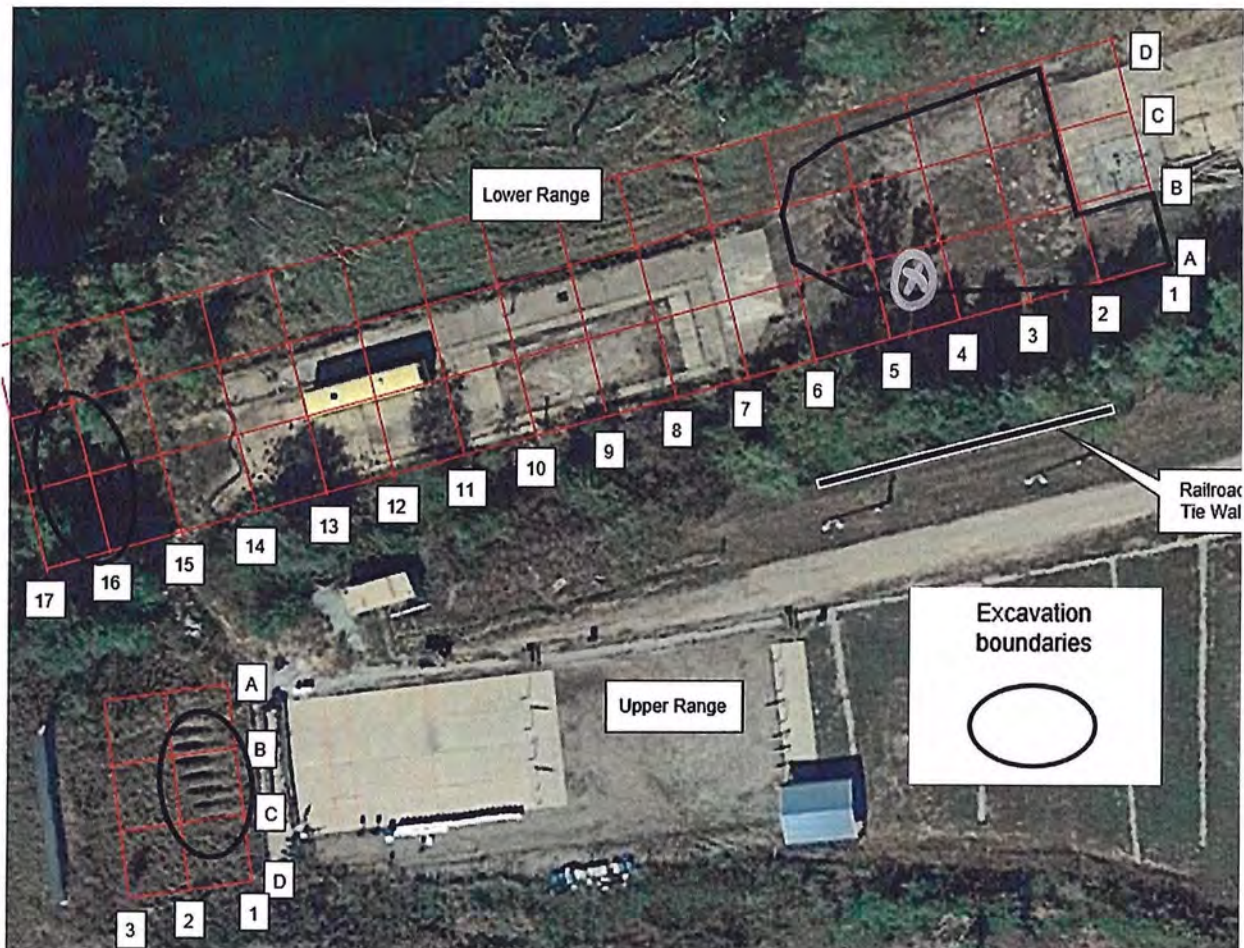
Lead: 116mg/kg (Goal, $\leq 400\text{mg/kg}$)

Antimony: ND (Goal, $\leq 31\text{mg/kg}$)

Notes:

Sample Collector: Dan Cook, Iowa Department of Natural Resources

Test Equipment: Olympus VANTA Series C, X-Ray Fluorescence Analyzer, SN 804169



Muscataine Police Department Shooting Range
Lead Contaminated Soil Remedial Action
Demonstration of Compliance Sample Form

Date: 5/18/2022 Time: 3:33pm

Location Description: Lower Range Grid B-5

Sample Results:

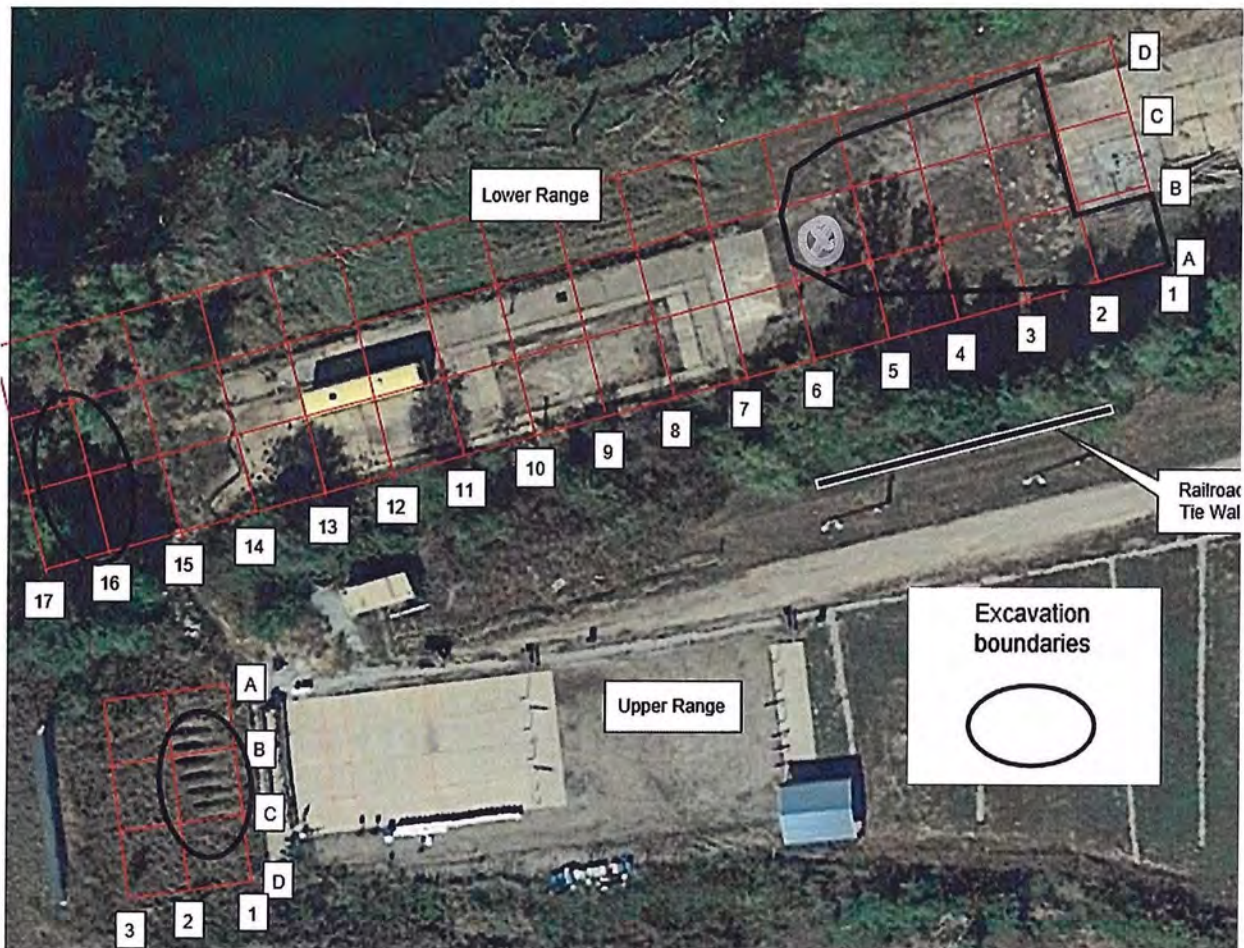
Lead: 24mg/kg (Goal, $\leq 400\text{mg/kg}$)

Antimony: ND (Goal, $\leq 31\text{mg/kg}$)

Notes:

Sample Collector: Dan Cook, Iowa Department of Natural Resources

Test Equipment: Olympus VANTA Series C, X-Ray Fluorescence Analyzer, SN 804169



Muscatine Police Department Shooting Range
Lead Contaminated Soil Remedial Action
Demonstration of Compliance Sample Form

Date: 5/18/2022

Time: 3:36pm

Location Description: Lower Range Grid A-3

Sample Results:

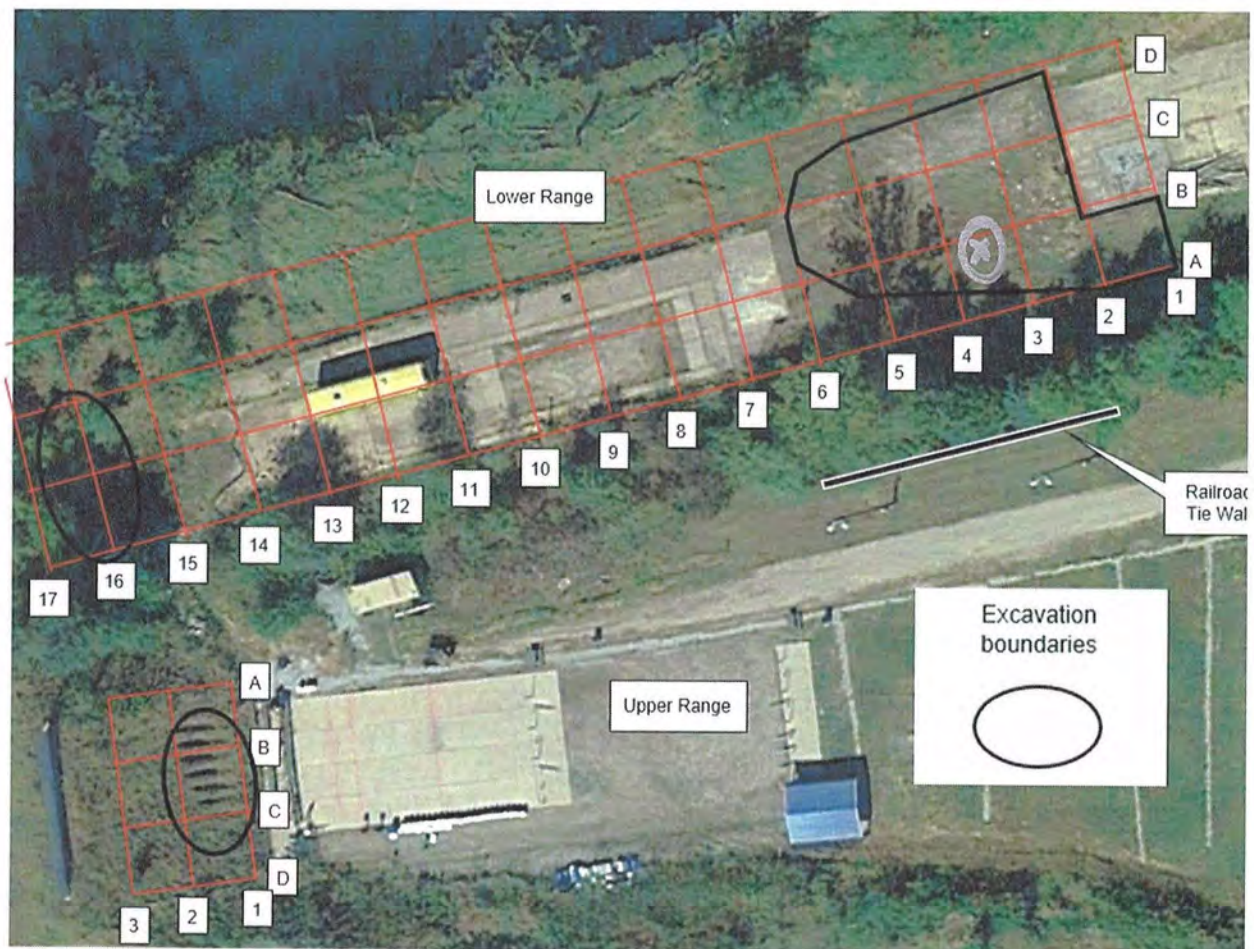
Lead: 92mg/kg (Goal, $\leq 400\text{mg/kg}$)

Antimony: N/D (Goal, $\leq 31\text{mg/kg}$)

Notes:

Sample Collector: Dan Cook, Iowa Department of Natural Resources

Test Equipment: Olympus VANTA Series C, X-Ray Fluorescence Analyzer, SN 804169



Muscatine Police Department Shooting Range
Lead Contaminated Soil Remedial Action
Demonstration of Compliance Sample Form

Date: 5.18.2022

Time: 3:40 pm

Location Description: Lower Range Cond A-1

Sample Results:

Lead: 16 mg/kg (Goal, $\leq 400\text{mg/kg}$)

Antimony: ND (Goal, $\leq 31\text{mg/kg}$)

Notes:

Sample Collector: Dan Cook, Iowa Department of Natural Resources

Test Equipment: Olympus VANTA Series C, X-Ray Fluorescence Analyzer, SN 804169

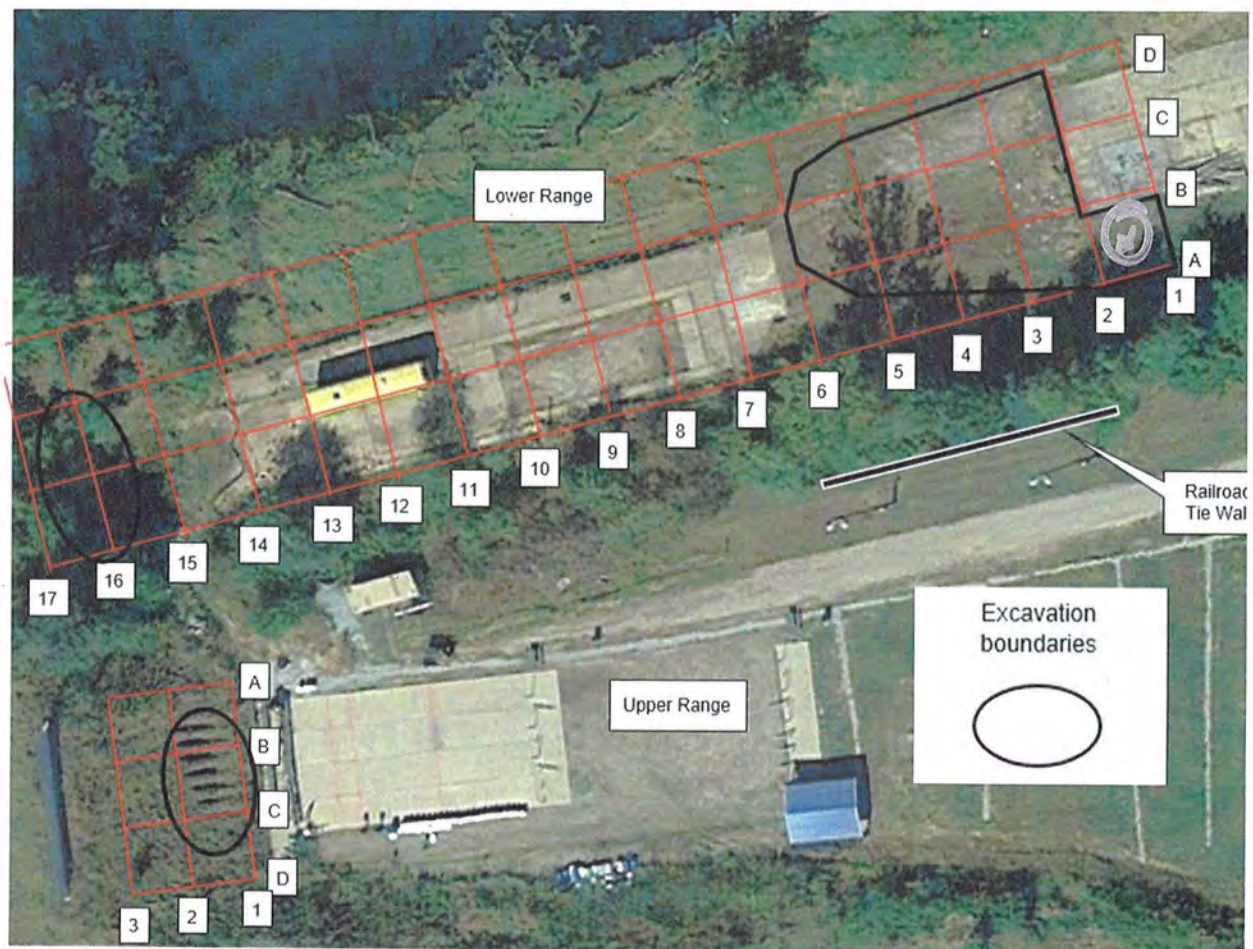




Table of Contents

for Invoice 817570 Dated: 6/2/2022

ENVIROMARK CORP.

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Receipt Waste Summary	1
Manifest 015432501JJK for Receipt 26-00 117731	2
Manifest 015432502JJK for Receipt 26-00 117732	3

Receipt Waste Summary

ENVIROMARK CORP.
2611 STATE STREET
BETTENDORF, IA 52722

Invoice: 817570
Invoice Date: 06/02/2022
Customer ID: 004623

Facility: EQ Illinois, 16435 Center Avenue, Harvey, IL 60426-6078

Description	Qty.	Unit	Price	Ext. Price
e-Manifest Submission Fee	2.00	EACH	\$20.00	\$40.00
L216520EIL - L216520EIL Lead contaminated soil	47.50	TONS	\$118.00	\$5,605.00
State of Illinois Hazardous Waste Treatment Fee	49.00	YARD	\$6.06	\$296.94
			Subtotal:	\$5,941.94

117731

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IA-D981699226	2. Page 1 of 1	3. Emergency Response Phone 583.388.9100	4. Manifest Tracking Number 015432501 JJK
5. Generator's Name and Mailing Address Muscatine Power & Water 1700 Dick Drake Way Muscatine, IA 52761					
Generator's Site Address (if different than mailing address)					
Generator's Phone:					
6. Transporter 1 Company Name US Bulk Transport Inc				U.S. EPA ID Number PA8 087 247 615	
7. Transporter 2 Company Name				U.S. EPA ID Number	
8. Designated Facility Name and Site Address Enviro of Illinois Inc-Use 16436 S Center Ave Harvey IL 60426				U.S. EPA ID Number ILD 000 688 206	
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity	12. Unit Wt/Vol.
1.	RQ UN3077 Waste Environmentally Hazardous Solid WQS (DANGER) 8 Bulk (DANGER)			47,100	P
2.					
3.					
4.					
13. Waste Codes					
14. Special Handling Instructions and Additional Information 24 Hour Emergency Response - (583) 388-9100 L216520 BIL / Lead Contaminated Soil G = Gation					
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.					
Generator's/Officer's Printed/Typed Name Sam Bennett				Signature SBH Month Day Year 5 31 22	
16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit Date leaving U.S.:					
17. Transporter Acknowledgment of Receipt of Materials					
Transporter 1 Printed/Typed Name Leimig Smith				Signature Smith Month Day Year 5 31 22	
Transporter 2 Printed/Typed Name				Signature Month Day Year	
18. Discrepancy					
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection					
18b. Alternate Facility (or Generator) Manifest Reference Number: U.S. EPA ID Number					
Facility's Phone:					
18c. Signature of Alternate Facility (or Generator) Month Day Year					
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)					
1. H-110		2.		3.	
4.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a					
Printed/Typed Name Steven Park				Signature SP Month Day Year 05/31/22	

EPA Form 8700-22 (Rev. 4-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

117732

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number PAD 981 699 226	2. Page 1 of 1	3. Emergency Response Phone 563.388.9100	4. Manifest Tracking Number 015432502 JJK		
5. Generator's Name and Mailing Address Muscatine Power & Water 1700 Dick Drake Way Muscatine, IA 52761		Generator's Site Address (if different than mailing address)					
Generator's Phone:							
6. Transporter 1 Company Name Us Bulk Transport Inc		U.S. EPA ID Number PAD 987 347 515					
7. Transporter 2 Company Name		U.S. EPA ID Number					
8. Designated Facility Name and Site Address Enville of Illinois Inc - Use 16435 S Center Ave Harvey IL 60426 Facility's Phone:		U.S. EPA ID Number ILD 000 866 208					
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity	12. Unit Wt/Vol.	13. Waste Codes
	1.	RQ UN3077 Waste Environmentally Hazardous Solid NCS (D008) 9 PGII (D008)	3	8-1	EST 25	P	D008
	2.						
	3.						
	4.						
14. Special Handling Instructions and Additional Information 24 Hour Emergency Response - (563) 388-9100 L216520 EIL / Lead Contaminated E = Gallon 142 Soil							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offor's Printed/Typed Name Sam Bennett		Signature [Signature]		Month Day Year 5/31/22			
TRANSPORTER INT'L	16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:						
	17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Lancea Trower Signature [Signature] Month Day Year 5/31/22 Transporter 2 Printed/Typed Name Signature Month Day Year						
DESIGNATED FACILITY	18. Discrepancy 18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection Manifest Reference Number: U.S. EPA ID Number						
	18b. Alternate Facility (or Generator) Facility's Phone:						
	18c. Signature of Alternate Facility (or Generator) Month Day Year						
	19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
	1.	2.	3.	4.			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name Steven Rade		Signature [Signature]		Month Day Year 05/31/22			

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)



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for Invoice 818609 Dated: 6/6/2022

ENVIROMARK CORP.

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Receipt Waste Summary	1
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Receipt Waste Summary

ENVIROMARK CORP.
2611 STATE STREET
BETTENDORF, IA 52722

Invoice: 818609
Invoice Date: 06/06/2022
Customer ID: 004623

Facility: EQ Illinois, 16435 Center Avenue, Harvey, IL 60426-6078

Description	Qty.	Unit	Price	Ext. Price
e-Manifest Submission Fee	1.00	EACH	\$20.00	\$20.00
L216520EIL - L216520EIL Lead contaminated soil	25.33	TONS	\$118.00	\$2,988.94
State of Illinois Hazardous Waste Treatment Fee	25.00	YARD	\$6.06	\$151.50
			Subtotal:	\$3,160.44

Please print or type.

Form Approved OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IAD 981 699 226	2. Page 1 of 1	3. Emergency Response Phone (563) 388-9100	4. Manifest Tracking Number 017211630 FLE		
5. Generator's Name and Mailing Address CITY OF MUSCATINE POWER AND WATER 7301 VINE STREET COURT 1700 DICK DRAKE DAVENPORT, IA 52806 MUSCATINE, IA 52761 1700 DICK DRAKE Generator's Phone: (563) 388-9100 MUSCATINE, IA 52761							
6. Transporter 1 Company Name US Bulk Transport, Inc				U.S. EPA ID Number PAD 987 347 515			
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address 16435 S. CENTER AVE. HARVEY, IL 60426 Facility's Phone: (708) 596-7040				U.S. EPA ID Number ILD 000 666 206			
GENERATOR	9a. HM	9b. U.S. DOT Description including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any)	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	X	1RQ, UN3077, Waste, Environmentally Hazardous Substance, Solid, N.O.S., (D008), 9, PGII, (D008)	1	DT	EST 25	T	D008
14. Special Handling Instructions and Additional Information L216520EIL / Lead contaminated soil							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offor's Printed/Typed Name Sam Bennett				Signature [Signature]		Month Day Year 6 1 22	
TRANSPORTER INT'L	16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:						
	17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Lionel Tressen Signature [Signature] Month Day Year 6 1 22 Transporter 2 Printed/Typed Name Signature [Signature] Month Day Year						
DESIGNATED FACILITY	18. Discrepancy 18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection Manifest Reference Number: U.S. EPA ID Number 18b. Alternate Facility (or Generator) Facility's Phone: 18c. Signature of Alternate Facility (or Generator) Month Day Year						
	19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
	1. H110	2.	3.	4.			
	20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name Shem B. B. Signature [Signature] Month Day Year 10 02 22						
	EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.						

DESIGNATED FACILITY TO EPA's e-MANIFEST SYSTEM



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for Invoice 819779 Dated: 6/9/2022

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Receipt Waste Summary	1
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Manifest 017211628FLE for Receipt 26-00 117812	3
Manifest 017211626FLE for Receipt 26-00 117942	4

Receipt Waste Summary

ENVIROMARK CORP.
2611 STATE STREET
BETTENDORF, IA 52722

Invoice: 819779
Invoice Date: 06/09/2022
Customer ID: 004623

Facility: EQ Illinois, 16435 Center Avenue, Harvey, IL 60426-6078

Description	Qty.	Unit	Price	Ext. Price
e-Manifest Submission Fee	3.00	EACH	\$20.00	\$60.00
L216520EIL - L216520EIL Lead contaminated soil	58.95	TONS	\$118.00	\$6,956.10
State of Illinois Hazardous Waste Treatment Fee	55.00	YARD	\$6.06	\$333.30
			Subtotal:	\$7,349.40

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Form Approved. OMB No. 2050-0039

Please print or type.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IAD 981 699 226	2. Page 1 of 1	3. Emergency Response Phone (563) 388-9100	4. Manifest Tracking Number 017211627 FLE		
5. Generator's Name and Mailing Address CITY OF MUSCATINE POWER AND WATER 7301 VINE STREET COURT 1700 DICK DRAKE DAVENPORT, IA 52806 MUSCATINE, IA 52761 Generator's Phone: (563) 388-9100							
6. Transporter 1 Company Name US Bulk Transport, Inc				U.S. EPA ID Number PAD 987 347 515			
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address 16435 S. CENTER AVE. HARVEY, IL 60426 Facility's Phone: (708) 596-7040				U.S. EPA ID Number ILD 000 666 206			
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
X	1. RQ, UN3077, Waste, Environmentally Hazardous Substance, Solid, N.O.S., (D008), 9, PGII, (D008)	1 DT		26	T	D008	
	2.						
	3.						
	4.						
14. Special Handling Instructions and Additional Information L216520EIL / Lead contaminated soil							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Officer's Printed/Typed Name Sam Bennett				Signature SBT		Month Day Year 6 3 22	
16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:							
17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Jerning, ne Smith Signature Month Day Year 6 3 22 Transporter 2 Printed/Typed Name Signature Month Day Year							
18. Discrepancy 18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection Manifest Reference Number: U.S. EPA ID Number							
18b. Alternate Facility (or Generator) Facility's Phone: U.S. EPA ID Number							
18c. Signature of Alternate Facility (or Generator)						Month Day Year	
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. H110		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name Shawn Pade Signature Month Day Year 10 6 10 3 22							

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

DESIGNATED FACILITY TO EPA's e-MANIFEST SYSTEM

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IAD 981 699 226	2. Page 1 of 1	3. Emergency Response Phone (563) 388-9100	4. Manifest Tracking Number 017211628 FLE		
5. Generator's Name and Mailing Address 7301 VINE STREET COURT DAVENPORT, IA 52806		CITY OF MUSCATINE POWER AND WATER 1700 DICK DRAKE MUSCATINE, IA 52761			Generator's Site Address (if different than mailing address) 1700 DICK DRAKE MUSCATINE, IA 52761		
Generator's Phone: (563) 388-9100					U.S. EPA ID Number PAD 987 347 515		
6. Transporter 1 Company Name US Bulk Transport, Inc					U.S. EPA ID Number		
7. Transporter 2 Company Name					U.S. EPA ID Number		
8. Designated Facility Name and Site Address 16435 S. CENTER AVE. HARVEY, IL 60426		ENVIRITE OF ILLINOIS, INC.-USE			U.S. EPA ID Number ILD 000 666 206		
Facility's Phone: (708) 596-7040							
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
X	1. RQ, UN3077, Waste, Environmentally Hazardous Substance, Solid, N.O.S., ((D008)), 9, PGII, (D008)	1. OT		EST 24	T	D008	
	2.						
	3.						
	4.						
14. Special Handling Instructions and Additional Information L216520EIL / Lead contaminated soil							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offor's Printed/Typed Name Sara Bennett		Signature Sara Bennett		Month Day Year 6 3 22			
16. International Shipments ☐ Import to U.S. ☐ Export from U.S.		Port of entry/exit: Date leaving U.S.:					
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name Lionel H. Hurre		Signature Lionel H. Hurre		Month Day Year 6 3 22			
Transporter 2 Printed/Typed Name		Signature		Month Day Year			
18. Discrepancy							
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection							
Manifest Reference Number:							
18b. Alternate Facility (or Generator) U.S. EPA ID Number							
Facility's Phone:							
18c. Signature of Alternate Facility (or Generator) Month Day Year							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. H110		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name Steven Pade		Signature Steven Pade		Month Day Year 06 03 22			

EPA Form 8700-22 (Rev. 12-17) (Previous editions are obsolete.)

DESIGNATED FACILITY TO EPA's e-MANIFEST SYSTEM

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Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IAD 981 699 226	2. Page 1 of 1	3. Emergency Response Phone (563) 388-9100	4. Manifest Tracking Number 017211626 FLE		
5. Generator's Name and Mailing Address CITY OF MUSCATINE POWER AND WATER 7301 VINE STREET COURT 1700 DICK DRAKE DAVENPORT, IA 52808 MUSCATINE IA 52761		Generator's Phone: (563) 388-9100					
6. Transporter 1 Company Name US Bulk Transport, Inc		U.S. EPA ID Number PAD 987 347 515					
7. Transporter 2 Company Name		U.S. EPA ID Number					
8. Designated Facility Name and Site Address ENVIRITE OF ILLINOIS, INC.-USE 16435 S. CENTER AVE. HARVEY, IL 60426		U.S. EPA ID Number ILD 000 666 206					
Facility's Phone: (708) 596-7040							
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity	12. Unit Wt/Vol	13. Waste Codes
	X	1. RQ, UN3077, Waste, Environmentally Hazardous Substance, Solid, N.O.S., (D008), 9, PGII, (D008)	61	DT	155	T	D008
		2.					
		3.					
		4.					
14. Special Handling Instructions and Additional Information 1. L216520EIL / Lead contaminated soil							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Officer's Printed/Typed Name Sim Bennett		Signature [Signature]		Month Day Year 6 6 22			
TRANSPORTER INTL	16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:						
	Transporter signature (for exports only):						
TRANSPORTER	17. Transporter Acknowledgment of Receipt of Materials						
	Transporter 1 Printed/Typed Name LIONEL R. TIBBEN		Signature [Signature]		Month Day Year 6 6 22		
DESIGNATED FACILITY	Transporter 2 Printed/Typed Name		Signature		Month Day Year		
	18. Discrepancy						
	18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection						
	Manifest Reference Number:						
	18b. Alternate Facility (or Generator) U.S. EPA ID Number						
Facility's Phone:							
18c. Signature of Alternate Facility (or Generator)							
Month Day Year							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. H110		2.		3.		4. A	



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for Invoice 817898 Dated: 6/2/2022

ENVIROMARK CORP.

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Receipt Waste Summary

ENVIROMARK CORP.
2611 STATE STREET
BETTENDORF, IA 52722

Invoice: 817898
Invoice Date: 06/02/2022
Customer ID: 004623

Facility: EQ Illinois, 16435 Center Avenue, Harvey, IL 60426-6078

Description	Qty.	Unit	Price	Ext. Price
e-Manifest Submission Fee	1.00	EACH	\$20.00	\$20.00
L216520EIL - L216520EIL Lead contaminated soil	23.23	TONS	\$118.00	\$2,741.14
State of Illinois Hazardous Waste Treatment Fee	24.00	YARD	\$6.06	\$145.44
			Subtotal:	\$2,906.58

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Form Approved. OMB No. 2050-0039

Please print or type.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IAD 981 699 226	2. Page 1 of 1	3. Emergency Response Phone (563) 388-9100	4. Manifest Tracking Number 017211629 FLE		
5. Generator's Name and Mailing Address CITY OF MUSCATINE POWER AND WATER 7301 VINE STREET COURT DAVENPORT, IA 52806		Generator's Site Address (if different than mailing address) 1700 DICK DRAKE MUSCATINE, IA 52761					
Generator's Phone: (563) 388-9100		52761					
6. Transporter 1 Company Name US Bulk Transport, Inc		U.S. EPA ID Number PAD 987 347 515					
7. Transporter 2 Company Name		U.S. EPA ID Number					
8. Designated Facility Name and Site Address 16435 S. CENTER AVE. HARVEY, IL 60426		U.S. EPA ID Number ILD 000 666 206					
Facility's Phone: (708) 596-7040							
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
X	1. RQ, UN3077, Waste, Environmentally Hazardous Substance, Solid, N.O.S., (D008), 9, PGII, (D008)	1	DT	EST 25	T	D008	
	2.						
	3.						
	4.						
14. Special Handling Instructions and Additional Information 1. L216520EIL / Lead contaminated soil							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Officer's Printed/Typed Name Sam Bennett		Signature S.B.H.		Month Day Year 6 1 22			
16. International Shipments Transporter signature (for exports only):		☐ Import to U.S. ☐ Export from U.S.		Port of entry/exit: Date leaving U.S.:			
17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Normaive Smith		Signature Smith		Month Day Year 6 1 22			
Transporter 2 Printed/Typed Name		Signature		Month Day Year			
18. Discrepancy							
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection							
Manifest Reference Number:							
18b. Alternate Facility (or Generator)		U.S. EPA ID Number					
Facility's Phone:							
18c. Signature of Alternate Facility (or Generator)						Month Day Year	
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1.	H110	2.		3.		4.	