Reference No. 11221226



January 27, 2021 Revised February 15, 2021

Ms. Megan Kuczka New York State Department of Environmental Conservation 270 Michigan Avenue Buffalo, NY 14203-2999

Dear Ms. Kuczka:

Re: Periodic Review Report Ellison Bronze Site (Formerly Dowcraft), Falconer, New York Site No. 907018

Pursuant to the New York State Department of Environmental Conservation (NYSDEC) letter dated September 18, 2009, this letter provides the 2015-2020 Site Management Periodic Review Report for the Ellison Bronze Site (formerly Dowcraft) located at 125 West Main Street in Falconer, New York (Site).

1. Introduction

The Ellison Bronze Site is an operating foundry producing brass doors and hardware. Historically, some of the foundry wastes were deposited at the back of the property. These wastes included metal filings, and being a brass foundry, resulted in some lead wastes that exceeded New York State criteria. The extent of the waste was delineated and the chosen remediation method was in-place stabilization using cement. The in-place stabilization is described in Section 2.

The remediation has been proven effective through the testing that was performed at the time the stabilization was performed in 1995 and with subsequent groundwater sampling that has proven that no lead leaches from the stabilized waste.

Ellison Bronze maintains the Site in accordance with the requirements of the NYSDEC-approved post-remedy plan and performs corrective measures on an as-needed basis. As noted in an email from the NYSDEC dated February 3, 2010 (from David Szymanski to Jim Kay), Periodic Review Reports (PRRs) were required to be submitted every 3 years, consistent with the frequency of the groundwater monitoring events (i.e., once every 3 years). In the NYSDEC's acceptance letter of the 2015 PRR (dated March 17, 2016), the frequency of Periodic Reviews for the Site was extended from the previous 3-year certifying period to a 5-year certifying period.

All of the activities performed at the Site have been completed in accordance with the terms specified in the Order on Consent that was signed by Ellison Bronze and the NYSDEC on June 13, 1995 and as amended by subsequent correspondence from the NYSDEC dated June 13, 2001, December 15, 2006, February 3, 2010, and March 17, 2016.





2. Site Overview

The Ellison Bronze Site is located in the developed area of Falconer at 125 West Main Street. The Site is bounded to the northwest by West Main Street; to the northeast by Moon Brook; to the southeast by the Chadakoin River; and to the southwest by adjacent commercial and residential properties. The waste materials identified at the Site occupied an area approximately 60 feet by 130 feet in the southeast corner of the property along Moon Brook and the Chadakoin River.

The Site was remediated in 1995. The remedy consisted of the excavation and stabilization of approximately 1,400 cubic yards of lead-contaminated foundry waste and 60 cubic yards of copper-contaminated stream sediment. The extent of impacted materials was identified in the investigations performed at the Site in the immediately preceding years. The results of the Site studies showed that there were no other impacts to the Site or the waterways other than the identified materials. Based on the investigations, there was no impact to the soils beneath the foundry waste and there was no impact on groundwater quality.

The impacted materials were stabilized with Portland cement in a mixer in small batches. Each batch was tested using aggressive Toxicity Characteristic Leaching Procedure (TCLP) methods to confirm that the stabilized material would not leach any deleterious material. All data from the stabilized material were reviewed and approved by the NYSDEC prior to backfilling. Samples were also collected from the base and sidewalls of the excavation to confirm that all lead-impacted waste and copper-impacted sediment had been removed.

Following backfilling of the stabilized materials, the area was repaved to match previous conditions and to further eliminate the potential for contact with the stabilized materials.

The banks along Moon Brook and Chadakoin River were stabilized with large stone, concrete barriers, and topsoil/vegetation as appropriate to match the topographic conditions along each portion of the waterway.

There have been no releases from the stabilized material since completion of the remediation in 1995 and, thus, the remedy has met the cleanup goals and closure requirements.

There have been no changes to the remedy since 1995 other than routine maintenance activities.

3. Evaluate Remedy Performance, Effectiveness, and Protectiveness

As evidenced by the groundwater data collected at the Site, there have been no releases of lead from the stabilized waste. Consequently, the remedy is performing as designed and is effective and protective of human health and the environment.



4. Monitoring Plan Compliance

Commencing in November 1996, and continuing through December 2020, groundwater samples have been collected from the three on-Site wells in accordance with the long-term monitoring plan. As agreed in a letter dated June 13, 2001, the NYSDEC had approved a reduction in the groundwater monitoring program frequency in that samples from the three wells need only be collected once every 2 years. A subsequent letter from the NYSDEC dated December 15, 2006 approved a further reduction in the groundwater sampling frequency to once every 3 years. As stated in Section 1.0, the NYSDEC's acceptance letter of the 2015 PRR (dated March 17, 2016) further reduced the sampling frequency to once every 5 years. Consequently, groundwater sampling events were conducted in 2009, 2012, 2015, and 2020.

Groundwater sampling was most recently performed on December 2, 2020 in accordance with the Long-Term Monitoring Plan contained in the *Soil/Sediment Stabilization Summary Report, Dowcraft Corporation, Ellison Bronze Site, Falconer, New York.* Two monitoring wells were sampled (ESI-1R and ESI-2). A third historical monitoring well, ESI-3, had been covered by a concrete apron for a new loading bay prior to the 2015 groundwater sampling and was no longer accessible.

Purging was continued until sediment-free water was obtained. The presence of sediment-free water was determined by both visual observation and the use of a field turbidimeter. A minimum of three well volumes were purged from each well, and turbidity values of less than 5 nephelometric turbidity units (NTU) were obtained at each well. Table 1 presents the purge records from both ESI-1R and ESI-2.

Each well was sampled for lead, barium, manganese, and iron. The samples were placed in a cooler with ice and shipped to TestAmerica Laboratories, Inc. in Pittsburgh, Pennsylvania on December 2, 2020 following appropriate chain of custody procedures. Table 2 presents the 2020 analytical results for the groundwater samples.

The 2020 analytical results for each parameter were below New York State Class GA Groundwater Standards at monitoring well ESI-1R. The results at monitoring well ESI-2 were below New York State Class GA Groundwater Standards for lead and barium. However, the results at ESI-2 for iron and manganese were above the groundwater standards. The concentration of iron and manganese in the 2020 sample from ESI-2 were both lower than the previous sampling event (2015).

Based on historic results, manganese had typically been found at higher concentrations only at ESI-1R. In the 2012 Periodic Review Report (submitted on January 30, 2013), it was observed that manganese was detected at a higher concentration at ESI-2 in the 2012 sampling event. The 2015 manganese results were consistent with the 2012 manganese results, with higher concentrations observed in ESI-2. For the 2020 sampling, the manganese results at ESI-2 continued to be higher than manganese results at ESI-1R. However, the manganese results at ESI-2 had reduced from 3.5 milligrams per liter (mg/L) in 2015 to 0.69 mg/L (and 0.67 mg/L in a duplicate sample) in 2020. The results from the next sample round in 2025 will be carefully reviewed to confirm the current conditions.



The reported level of manganese at ESI-2 in 2020 is lower than manganese levels detected at ESI-1 during previous sampling events (1996 through 2009) and is less than those reported at the same location during the Remedial Investigation in 1992. A historical summary for all sampling rounds is provided in Table 3. In accordance with the current schedule, the next sampling event will occur late in the year 2025, followed by the preparation of the next PRR.

5. Operation and Maintenance Plan Compliance

In accordance with the Long-Term Monitoring Plan contained in the *Soil/Sediment Stabilization Summary Report, Dowcraft Corporation, Ellison Bronze Site, Falconer, New York*, semiannual inspections are made of the paved areas, grass area, stream banks, and on-Site monitoring wells. Copies of the semiannual inspection reports from 2016 through 2020 are attached. The inspection reports indicate that all inspection items were listed at a minimum as "satisfactory" in the 2016 and 2017 inspections. The April 2018 inspection report indicated that the paved areas and grassed areas were "poor - repairs required" and that quotes had been given for repairs to the paved and grass areas. The September 2018 and May 2019 inspections indicated that the parking lot required sealing and patchwork to repair potholes. The two inspections in 2020 both list the grassed areas as "good" and the paved areas as "satisfactory", while still noting that the parking lot areas needed additional sealing and restriping. Aside from repairs to paved areas, no additional maintenance was required from 2015 through 2020.

In July 2016, a building permit was issued to the Site by the Village of Falconer, New York, for the construction of a "new masonry one-story addition" to the main building. The permit is attached in this report, in accordance with Box #1, Question #4 of the Site Management Periodic Review Report Notice-Institutional and Engineering Controls Certificate Form that was issued for the Site.

5.1 Overall Conclusions and Recommendations

All of the required work was completed and is reported herein. The remedy has effectively isolated and secured the waste material, and there is no risk to human health or the environment.

The groundwater concentrations from the samples collected in 2020 are similar to those of the previous 24 years. All of the data show that the lead contaminated materials have been suitably addressed from an environmental perspective and that no leaching of lead has or will occur. Consequently, it is concluded that the remediation of this Site has been successfully completed and that there is no need for continued groundwater monitoring of this Site. However, the Site will continue with groundwater sampling every 5 years in accordance with the NYSDEC-approved groundwater monitoring program frequency.

As required, a completed copy of the Site Management Periodic Review Report Notice-Institutional and Engineering Controls Certificate Form is attached. Also attached is a building permit issued for the Site for additions made to the building within the past 3 years.



Should there be any questions, please do not hesitate to contact me at 716-205-1975 or Matt Kirkpatrick of Ellison Bronze at 716-665-6522.

Sincerely,

GHD

Shain Milion

Shaun McEvoy

SM/adh/2 Encl.

cc: Matt Kirkpatrick, Ellison Bronze

Table 1

Groundwater Purge Records Groundwater Sampling Ellison Bronze Falconer, New York December 2020

Location: Sample ID: Date:	ESI-1R WG-17948 113015-DT-001 12/02/2020	ESI-2 WG-17948 113015-DT-002 12/02/2020	ESI-2 WG-17948 113015-DT-003 12/02/2020 Duplicato
Well Volume (gal)	10	13	1.3
Wen Volume (gal)	1.0	1.0	1.0
Turbidity Reading (NTU) - Initial	2.06	89.1	89.1
Turbidity Reading (NTU) - Volume 1	2.58	115	115
Turbidity Reading (NTU) - Volume 2	0.94	210	210
Turbidity Reading (NTU) - Volume 3	0.61	99.1	99.1
Turbidity Reading (NTU) - Volume 4	NM	71.5	71.5
Turbidity Reading (NTU) - Volume 5	NM	21.3	21.3
Turbidity Reading (NTU) - Volume 6	NM	7.68	7.68
Turbidity Reading (NTU) - Volume 7	NM	6.66	6.66
Turbidity Reading (NTU) - Volume 8	NM	5.18	5.18
Turbidity Reading (NTU) - Volume 9	NM	2.80	2.80

Notes:

- Nephelometric Turbidity Unit - Not Measured NTU

NM

Table 2

Analytical Results Summary Groundwater Sampling Ellison Bronze Falconer, New York December 2020

Location Sample ID Date			ESI-1R WG-17948 113015-DT-001 12/02/2020	ESI-2 WG-17948 113015-DT-002 12/02/2020	ESI-2 WG-17948 113015-DT-003 12/02/2020 Duplicate
Parameter	Units	Class GA Groundwater Standard			
Metals		(µg/⊏)			
Barium Iron Lead Manganese	μg/L μg/L μg/L μg/L	1000 300 25 300	88 47 U 0.45 U 61	250 830 1.2 690	240 790 1.2 670
Field Parameters Turbidity, field	NTU		0.61	2.80	2.80

Notes:

U - Not detected at the associated reporting limit

NTU - Nephelometric Turbidity Unit

Table 3

Historical Analytical Results Summary Groundwater Sampling Long-Term Monitoring Program Dowcraft Corporation, Ellison Bronze Site Falconer, New York

	Class GA Groundwater Standard						ES1-1R						
	(mg/L)	1996	1997	1998	1999	2000	2002	2004	2006	2009	2012	2015	2020
Total Lead Total Barium Total Iron Total Manganese	0.025 1.0 0.3 0.3	ND (0.005)/ND (0.005) 0.17/0.16 0.15/0.14 2.4/2.4	ND (0.002)/ND (0.002) 0.177/0.174 ND (0.06)/ND (0.06) 2.45/2.41	ND (0.003)/ND (0.003) 0.207/0.206 0.115/0.153 1.81/1.81	ND (0.002)/ND (0.002) 0.232/0.230 0.222/0.175 2.13/2.13	ND (0.005)/ND (0.005) 0.252/0.259 0.132/0.114 3.08/3.13	ND (0.005)/ND (0.005) 0.201/0.202 0.0998J/0.103J 2.78/2.78	0.00197J/0.00242J 0.151/0.148 ND (0.2)/ ND (0.2) 1.390/1.350	ND (0.003) 0.128J ND (0.10) 0.339	ND (0.003) 0.211 0.143 1.620	ND (0.003)/0.001J 0.091J/0.090J ND (0.1)/ND(0.1) 0.084/0.081	ND (0.002)/ND (.002) 0.088J/0.086J ND (0.008)/0.012J 0.018/0.020	ND (0.00045) 0.088 ND (0.047) 0.061
	Class GA Groundwater Standard						ESI-2						
	(mg/L)	1996	1997	1998	1999	2000	2002	2004	2006	2009	2012	2015	2020
Total Lead Total Barium Total Iron Total Manganese	0.025 1.0 0.3 0.3	ND (0.005) 0.15 0.09 0.17	0.003 0.159 ND (0.06) 0.086	ND (0.003) 0.144 ND (0.06) 0.02	ND (0.002) 0.156 0.062 0.058	ND (0.005) 0.153 ND (0.050) 0.030	ND (0.005) 0.184 ND (0.020) 0.0808	ND (0.005) 0.173 ND (0.20) 0.033	ND (0.003) 0.159J 0.032J 0.069	ND (0.003) 0.078J 0.025J 0.074	ND (0.003) 0.3500 0.2000 5	0.0021J 0.5000 1.6000 3.5	0.0012/0.0012 0.250/0.250 0.830/0.790 0.690/0.670

	Class GA Groundwater Standard						ESI-3						
	(mg/L)	1996	1997	1998	1999	2000	2002	2004	2006	2009	2012	2015	2020
Total Lead	0.025	ND (0.005)	0.003	ND (0.003)	ND (0.002)	ND (0.005)	0.00165J	0.00212J	ND (0.003)	ND (0.003)/ND (0.003)	ND (0.003)	NS	NS
Total Barium	1.0	0.17	0.136	0.113	0.086	0.077	0.0799	0.247	0.189J	0.352/0.348	0.2	NS	NS
Total Iron	0.3	0.06	ND (0.06)	ND (0.06)	0.079	0.074	ND(0.200)	ND (0.20)	ND (0.10)	0.037J/0.037J	ND (0.10)	NS	NS
Total Manganese	0.3	0.007	ND (0.01)	ND (0.01)	0.005	ND (0.010)	0.0033J	ND (0.010)	0.005J	0.007J/0.007J	ND (0.015)	NS	NS

Notes:

J - Estimated concentration NS - Not sampled



TABLE C.1 SEMI-ANNUAL & LONG – TERM MONITORING PLAN

Inspection Date: Friday, April 01, 2016

Inspection Item	Condition				
	Good	Satisfactory	Poor-Repairs Required		
A. Paved Areas					
B. Grassed Areas		Ľ,			
C. Stream Banks					
D. Monitoring Wells					

NOTE: If any areas listed above are in poor condition or need repairs. Please note what repairs you think are needed in the comment section listed below.

Additional Comments:______

Inspection Person's Signature







TABLE C.1 **SEMI-ANNUAL & LONG – TERM MONITORING PLAN**

Inspection Date: Monday, October 03, 2016

Inspection Item	······································	Conditior	1	
	Good	Satisfactory	Poor-Repairs Required	
A. Paved Areas				
B. Grassed Areas		B		
C. Stream Banks				
D. Monitoring Wells				

NOTE: If any areas listed above are in poor condition or need repairs. Please note what repairs you think are needed in the comment section listed below.

Additional Comments:____

Inspection Person's Signature







TABLE C.1SEMI-ANNUAL & LONG –TERM MONITORING PLAN

Inspection Date: Tuesday, March 28, 2017

Inspection Item	· · · · · · · · · · · · · · · · · · ·	<u> </u>	1	
	Good	Satisfactory	Poor-Repairs Required	
A. Paved Areas				
B. Grassed Areas		×-		
C. Stream Banks		Ø		
D. Monitoring Wells		\square		

NOTE: If any areas listed above are in poor condition or need repairs. Please note what repairs you think are needed in the comment section listed below.

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Additional Comments:

Inspection Person's Signature







TABLE C.1SEMI-ANNUAL & LONG – TERM MONITORING PLAN

Inspection Date: Monday, September 25, 2017

Inspection Item	Condition				
	Good	Satisfactory	Poor-Repairs Required		
A. Paved Areas		E			
B. Grassed Areas		Ŀ			
C. Stream Banks		B			
D. Monitoring Wells					

NOTE: If any areas listed above are in poor condition or need repairs. Please note what repairs you think are needed in the comment section listed below.

Additional Comments:

Inspection Person's Signature



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TABLE C.1SEMI-ANNUAL & LONG –TERM MONITORING PLAN

Inspection Date: Wednesday, April 04, 2018

Inspection Item		1		
	Good	Satisfactory	Poor-Repairs Required	
A. Paved Areas			R.	
B. Grassed Areas			X	
C. Stream Banks	\boxtimes			
D. Monitoring Wells		R		

NOTE: If any areas listed above are in poor condition or need repairs. Please note what repairs you think are needed in the comment section listed below.

Additional Comments:	S-Tabone Poving is quoting
·	repairs to poved areas and the
	Cutting edge of chautou qua is quoting
	the repairs to the grass areas,
	~

Fash









TABLE C.1SEMI-ANNUAL & LONG –TERM MONITORING PLAN

Inspection Date: Wednesday, September 26, 2018

Inspection Item	Condition				
	Good	Satisfactory	Poor-Repairs Required		
A. Paved Areas			\boxtimes		
B. Grassed Areas		K			
C. Stream Banks		×.			
D. Monitoring Wells		R			

NOTE: If any areas listed above are in poor condition or need repairs. Please note what repairs you think are needed in the comment section listed below.

Additional Comments: PARKING Lot Needs patch Repair Work. Sealed Am

Inspection Person's Signature







TABLE C.1SEMI-ANNUAL & LONG –TERM MONITORING PLAN

Inspection Date: Tuesday, May 21, 2019

Inspection Item	Condition				
	Good	Satisfactory	Poor-Repairs Required		
A. Paved Areas			X		
B. Grassed Areas			X		
C. Stream Banks	X				
D. Monitoring Wells	X				

NOTE: If any areas listed above are in poor condition or need repairs. Please note what repairs you think are needed in the comment section listed below.

PARKI. 2 - Shypulo be twee Additional Comments: ENTIRE ALE E C boles Dò Unerouse SNOw Alor lies were Never O AREAS mADUY EAJENG Rocks . that the have mower PROSectile

Inspection Person's Signature







TABLE C.1SEMI-ANNUAL & LONG – TERM MONITORING PLAN

Inspection Date: Tuesday, October 01, 2019

Inspection Item		<u> </u>	1
	Good	Satisfactory	Poor-Repairs Required
A. Paved Areas			×
B. Grassed Areas			
C. Stream Banks	1		
D. Monitoring Wells	Jan 1		

NOTE: If any areas listed above are in poor condition or need repairs. Please note what repairs you think are needed in the comment section listed below.

oot Holes Additional Comments: Kenn PARKewro 300 -3-20 A PO K Cardin

Inspection Person's Signature



ISO 9001 REGISTERED QUALITY SYSTEM



TABLE C.1SEMI-ANNUAL & LONG –TERM MONITORING PLAN

Inspection Date: Friday, May 22, 2020

Inspection Item		Condition	1	
	Good	Satisfactory	Poor-Repairs Required	
A. Paved Areas		\boxtimes		
B. Grassed Areas	\boxtimes			
C. Stream Banks	x			
D. Monitoring Wells	\bowtie			

NOTE: If any areas listed above are in poor condition or need repairs. Please note what repairs you think are needed in the comment section listed below.

ATENTION, Caple of e could USE Additional Comments: Some AREAS.

Inspection Person's Signature



ISO 9001 REGISTERED QUALITY SYSTEM



TABLE C.1SEMI-ANNUAL & LONG – TERM MONITORING PLAN

Inspection Date: Thursday, September 24, 2020

Inspection Item		Condition	1	
	Good	Satisfactory	Poor-Repairs Required	
A. Paved Areas		Ĺ		
B. Grassed Areas	\square			
C. Stream Banks				
D. Monitoring Wells				

NOTE: If any areas listed above are in poor condition or need repairs. Please note what repairs you think are needed in the comment section listed below.

PARKING LOT Restriping Need 123 Additional Comments:_ SEALING

Inspection Person's Signature





Scott 569-3674 / 450-2204 cull	
ADDI ICATION FOR COMMERCIAL BUILDING	; AND ZONING PERMIT
VILLAGE OF FALCONER 101 West Main Street, Falconer, NY 147 Phone: (716) 665-4400 Fax: (716) 488-9 Email: code@villageoffalconer.com	33 224
PLEASE COMPLETE ALL REQUIRED INF	ormation. Paul
PROJECT LOCATION:	Official Use Only
Street Address: 125 WEST MAIN STREET	Permit No. 16-039
Tax Map No.: Section 371.10 Block 5 Lot 69	Expires:
APPLICANT INFORMATION:	
ADDIDANT. COR E CONSTRUCTION	Phone:
APPLICANT: P.O. Box 557	Cell: <u>716 - 450 2206</u>
City: FREWS PURE State: 164 Zip: 14738	Email: <u>Let Corcorstre</u> WINOSTREAM, MET
OWNER: ELLISON BRONZE	Phone:
Mailing Address: 125 MAIN STREET	Cell:
City: EALCONER State: NY Zip: 14733	Email:
PRINCIPAL CONTRACTOR: <u>C& CONSTRUCTION</u> Contact Name: <u>TEO WINCELMAN</u> Mailing Address: <u>50 WHITE DR</u> P.O. Box 557 City: FREWS BURG State: <u>NY</u> Zip: <u>14736</u>	Phone: <u>76-569-3674</u> Fax: <u>716-569-6211</u> Cell: <u>716-450-2206</u> Email: <u>Techerconnestr Quindstrea</u> in
APPLICATION TYPE: (Please check all that apply to the project - Additional applic	eation forms may apply)
New Building X Addition Alteration Sprinkler/Fire Suppression	Alarm Other
Change of Use (State previous uses)	
Detailed Description of the Proposed Work: <u>NEW MASON RM</u>	DIVE STORY ADDITION
PER ATTACHED DRAWINGS.	/
USE / OCCUPANCY CLASSIFICATION: (Check all that apply) \square \square \square \square \square \square \square \square \square \square 	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
TYPE(S) OF CONSTRUCTION: (Check all that apply)	
FIRE SUPPRESSION: Full Partial None	1 Hainhu 15 ft Stories:
Square Footage: <u>1465</u> sq. ft. Length: <u>50</u> ft. Width: <u>75-0</u>	
Fair Market Value of Construction: \$ <u>40,000</u> Date Work to Start	EIIU. 16/11/10/ (53.)

REQUIRED SITE PLAN DRAWING

This page may be used for the drawing of a plot plan for all major construction and additions and in such other cases as the Code Enfocement Officer deems necessary. Separate site plans may be attached.

The plot plan shall show the location and size of the lot, locations and sizes of buildings and structures upon the premises (both existing and proposed) and their relationship to adjoining properties, public streets and any buildings within 10 feet of the boundary line.

Locate and label clearly and distinctly all building and structures, show widths and depths of all yards, show names of all streets and indicate north with an arrow.





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Right side depth of lot:

Left side depth of lot:

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SIGNATURE OF PROPERTY OWNER:

Application is hereby made to the Village of Falconer for the issuance of a Building & Zoning Permit. The undersigned has submitted a completed application, plans, specifications, a site plan drawing, worker compensation documents, and a septic approval letter, which are hereto attached, incorporated into and made a part of this application.

In consideration of the granting of the permit hereby petitioned for, the undersigned hereby agrees that if such permit is granted, he/she will comply with the terms pursuant to the Village of Falconer Zoning Law, the New York State Uniform Fire Prevention and Building Code and Standards for construction of new buildings, additions, alterations, change of occupancy, removal or demolition, the Sanitary Code of the Chautauqua County Health Department.

He/she will preserve the established building line; and have full notification to the Code Enforcement Officer upon start of construction, allow for periodic inspections, and that he/she will not use or permit to be used, the structure covered by this permit, until all inspections have been performed, building is completely finished, and a Certificate of Occupancy / Compliance has been issued. The undersigned hereby certifies that all of the information in this petition is correct and true.

Signature of Property Owner:	Date:	Gladico
Signature of Applicant Mandare 7. Munk Comment	- Date _	6/20/16

PERMIT CONDITIONS:

- The building permit placard MUST be displayed in a conspicuous location on the building site until construction is complete and a Certificate of Occupancy / Compliance is issued. A copy of all approved plans must also be kept on the premises at all times and must be available for inspection.
- 2. Any deviation from the original approved plans shall require submittal of new drawings showings all proposed changes and approval by the Code Enforcement Officer.
- 3. Inspections are required to be performed by the Code Enforcement Officer upon completion of the following work. In general, most building elements must be inspected before it is covered. FAILURE TO CALL FOR ANY REQUIRED INSPECTION, WILL RESULT IN A STOP WORK ORDER BEING ISSUED AND REMOVAL OF ANY WORK THAT WAS COVERED. These inspections include but not limited to the following:
 - a. Footings and Post Holes with rebar in trench before concrete is poured.
 - b. Foundation Walls with rebar in place, before concrete is poured and before back fill.
 - c. Underground Plumbing.
 - d. Rough Framing.
 - e. Electrical, Plumbing and HVAC rough in before insulation.
 - f. Insulation before installation of wall coverings.
 - g. Final Inspection when all required work is completed.
- 4. No building shall be occupied or used in whole or in part for any purpose whatever until a final inspection is performed and a Certificate of Occupancy / Compliance shall have been granted by the Code Enforcement Officer.
- 5. Call DIG SAFELY NEW YORK TWO FULL WORKING DAYS before you dig. CALL 811 OR (800) 962-7962
- 6. All electrical work must be inspected by a certified electrical inspector approved by this office.
- 7. The work covered by this application shall not be started prior to the issuance of the building permit.

j. j	OFFICIAL USE ONLY
Received: <u>2/3/246</u>	Fee: \$ Cash: Check No.: Permit No.:
Zoning District:	ZBA Approval: Planning Approval:
Approved: 7/5/2016 D	enied:Expires: 15/2017 Certificate of Occupancy:
Code Enforcement Officer:	alfest

LETTER OF CERTIFICATION for STORM WATER RUNOFF at ELLISON BRONZE COMPANY, INC. 125 Main Street Falconer, NY 1473 3

I have personally inspected the buildings, grounds, parking areas, catch basin, and storm drainage system for the facility at the above mentioned address.

The proposed 1465 sq.ft. masonry addition which will be constructed over an existing paved area will not make a noticeable change in existing storm water runoff conditions.

All storm water will continue to run off through the existing catch basins, then through the existing storm sewer system into Chadakoin River, in the same manner as it does now.

I hereby certify that I am a Civil Engineer familiar with storm water runoff, and that the above statements are true to the best of my knowledge.

Engineer:

Signature:

Ralph W. Wilson, P.E.



NYA PE License #:

39853 JUDE 10,2016

Date:



Enclosure 2 NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION Site Management Periodic Review Report Notice Institutional and Engineering Controls Certification Form



Site	e No.	907018	Site Details		Box 1	
Site	e Name Elli	son Bronze Company				
Site City Co Site	e Address: 1 //Town: Falo unty: Chauta e Acreage: 2	25 West Main Street coner uqua 2.600	Zip Code: 14733			
Re	porting Perio	d: December 31, 2015	to December 31, 2020			
					YES	NO
1.	Is the inform	nation above correct?				
	If NO, inclue	de handwritten above o	r on a separate sheet.			
2.	Has some o tax map am	or all of the site property nendment during this Re	been sold, subdivided, merg porting Period?	ed, or undergone a		
3.	Has there b (see 6NYC	een any change of use RR 375-1.11(d))?	at the site during this Reporti	ing Period		
4.	Have any fe for or at the	ederal, state, and/or loca property during this Re	al permits (e.g., building, disc eporting Period?	harge) been issued		
	If you answ that docun	wered YES to question nentation has been pro	es 2 thru 4, include docume eviously submitted with this	ntation or evidence s certification form)	
5.	Is the site c	currently undergoing dev	velopment?			
					Box 2	
					YES	NO
6.	Is the curre Industrial	ent site use consistent w	ith the use(s) listed below?			
7.	Are all ICs	in place and functioning	as designed?	e		
	IF T I	HE ANSWER TO EITHEI DO NOT COMPLETE T	R QUESTION 6 OR 7 IS NO, s HE REST OF THIS FORM. O	ign and date below therwise continue.	and	
A	Corrective M	easures Work Plan mu	st be submitted along with th	nis form to address t	hese iss	sues.
Sic	nature of Ow	vner, Remedial Party or D	Designated Representative	Date		

SITE NO. 907018		Box 3
Description of	Institutional Controls	
Parcel 105-18-19.3	<u>Owner</u> Ellison Bronze Company	Institutional Control
		Monitoring Plan
 Deed Restriction pe Record of Decision annual inspection and 	r Order On Consent (6/13/1995) (3/1996): Semi-Annual Inspection and Annu d tri-annual groundwater sampling with DEC	al Groundwater Sampling. (Modified to R9 concurrence.)
 Deed Restriction pe Record of Decision annual inspection and 	r Order On Consent (6/13/1995) (3/1996): Semi-Annual Inspection and Annu d tri-annual groundwater sampling with DEC	al Groundwater Sampling. (Modified to R9 concurrence.) Box 4
- Deed Restriction pe - Record of Decision annual inspection and Description of	r Order On Consent (6/13/1995) (3/1996): Semi-Annual Inspection and Annu d tri-annual groundwater sampling with DEC Engineering Controls	ual Groundwater Sampling. (Modified to R9 concurrence.) Box 4
- Deed Restriction pe - Record of Decision annual inspection and Description of I Parcel 105-18-19.3	r Order On Consent (6/13/1995) (3/1996): Semi-Annual Inspection and Annu d tri-annual groundwater sampling with DEC Engineering Controls Engineering Control	al Groundwater Sampling. (Modified to R9 concurrence.) Box 4

	Box 5
	Periodic Review Report (PRR) Certification Statements
1.	I certify by checking "YES" below that:
	a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the Engineering Control certification;
	b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted
	engineering practices; and the information presented is accurate and compete. YES NO
2.	For each Engineering control listed in Box 4, I certify by checking "YES" below that all of the following statements are true:
	(a) The Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;
	(b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;
	(c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;
	(d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and
	(e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.
	YES NO
	IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.
	A Corrective Measures Work Plan must be submitted along with this form to address these issues.
	Signature of Owner, Remedial Party or Designated Representative Date

IC CERTIFICATIONS SITE NO. 907018	
	Box 6
SITE OWNER OR DESIGNATED REPRESENTATIN I certify that all information and statements in Boxes 1,2, and 3 are tru statement made herein is punishable as a Class "A" misdemeanor, pu Penal Law.	/E SIGNATURE le. I understand that a false ursuant to Section 210.45 of the
I <u>Matthew Kirkpatrick</u> at <u>125 West Main Str</u> print name print business ac	eet, Flaconer, New York ddress
am certifying asEllison Bronze Inc	(Owner or Remedial Party)
for the Site named in the Site Details Section of this form.	<u>01/14/2021</u> Date

EC CERTIFICATIONS

Professional Engineer Signature

Box 7

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

Richard J at 2055 Ningan Falls Bl.d; Ningan Falls NY print business address 14 304 Sny der print name am certifying as a Professional Engineer for the _____ (Owner or Remedial Party) NEW OF CHA LICE ILEER February 152021 Date SED Signature of Professional Engineer, for the Owner or Remedial Party, Rendering Certification FESSIO

🛟 eurofins

Environment Testing America

ANALYTICAL REPORT

Eurofins TestAmerica, Buffalo 10 Hazelwood Drive Amherst, NY 14228-2298 Tel: (716)691-2600

Laboratory Job ID: 480-178960-1

Client Project/Site: 11221226, Ellison Bronze

For:

GHD Services Inc. 2055 Niagara Falls Blvd., Suite 3 Niagara Falls, New York 14304

Attn: Mr. Paul McMahon

enuse DHeckler

Authorized for release by: 12/9/2020 2:54:48 PM

Denise Heckler, Project Manager II (330)966-9477 Denise.Heckler@Eurofinset.com

<section-header><text><text><text><text><text>

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Client: GHD Services Inc. Project/Site: 11221226, Ellison Bronze

Qualifiers

Μ	eta	s

Qualifiers		3
<mark>Metals</mark> Qualifier	Qualifier Description	4
U	Indicates the analyte was analyzed for but not detected.	
Glossary		5
Abbreviation	These commonly used abbreviations may or may not be present in this report.	6
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis	0
%R	Percent Recovery	
CFL	Contains Free Liquid	
CFU	Colony Forming Unit	0
CNF	Contains No Free Liquid	ŏ
DER	Duplicate Error Ratio (normalized absolute difference)	
Dil Fac	Dilution Factor	9
DL	Detection Limit (DoD/DOE)	
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample	
DLC	Decision Level Concentration (Radiochemistry)	
EDL	Estimated Detection Limit (Dioxin)	
LOD	Limit of Detection (DoD/DOE)	
LOQ	Limit of Quantitation (DoD/DOE)	
MCL	EPA recommended "Maximum Contaminant Level"	
MDA	Minimum Detectable Activity (Radiochemistry)	13
MDC	Minimum Detectable Concentration (Radiochemistry)	
MDL	Method Detection Limit	
ML	Minimum Level (Dioxin)	
MPN	Most Probable Number	
MQL	Method Quantitation Limit	
NC	Not Calculated	
ND	Not Detected at the reporting limit (or MDL or EDL if shown)	
NEG	Negative / Absent	
POS	Positive / Present	
PQL	Practical Quantitation Limit	
PRES	Presumptive	
QC	Quality Control	
RER	Relative Error Ratio (Radiochemistry)	
RL	Reporting Limit or Requested Limit (Radiochemistry)	
RPD	Relative Percent Difference, a measure of the relative difference between two points	
TEF	Toxicity Equivalent Factor (Dioxin)	
TEQ	Toxicity Equivalent Quotient (Dioxin)	
TNTC	Too Numerous To Count	

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative 480-178960-1

Case Narrative

Comments

No additional comments.

Receipt

The samples were received on 12/3/2020 11:00 AM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.9° C.

Metals

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: GHD Services Inc. Project/Site: 11221226, Ellison Bronze

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_	

Client Sample ID: WG-11221226-120320-DT-001

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	88		5.0	2.2	ug/L	1	_	6020	Total
									Recoverable
Manganese	61		5.0	2.1	ug/L	1		6020	Total
									Recoverable

Client Sample ID: WG-11221226-120320-DT-002

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	250		5.0	2.2	ug/L	1	_	6020	Total
									Recoverable
Iron	830		100	47	ug/L	1		6020	Total
									Recoverable
Manganese	690		5.0	2.1	ug/L	1		6020	Total
									Recoverable
Lead	1.2		1.0	0.45	ug/L	1		6020	Total
									Recoverable

Client Sample ID: WG-11221226-120320-DT-003

Lab Sample ID: 480-178960-3

Lab Sample ID: 480-178960-1

Lab Sample ID: 480-178960-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	240		5.0	2.2	ug/L	1	_	6020	Total
									Recoverable
Iron	790		100	47	ug/L	1		6020	Total
									Recoverable
Manganese	670		5.0	2.1	ug/L	1		6020	Total
									Recoverable
Lead	1.2		1.0	0.45	ug/L	1		6020	Total
									Recoverable

Client Sample ID: WG-11221226-120320-DT-001 Date Collected: 12/02/20 10:25 Date Received: 12/03/20 11:00

Method: 6020 - Metals	(ICP/MS) - Total Re	coverable							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	88		5.0	2.2	ug/L		12/07/20 14:00	12/08/20 13:42	1
Iron	47	U	100	47	ug/L		12/07/20 14:00	12/08/20 13:42	1
Manganese	61		5.0	2.1	ug/L		12/07/20 14:00	12/08/20 13:42	1
Lead	0.45	U	1.0	0.45	ug/L		12/07/20 14:00	12/08/20 13:42	1

Client Sample ID: WG-11221226-120320-DT-002 Date Collected: 12/02/20 11:10 Date Received: 12/03/20 11:00

Method: 6020 - Metals	(ICP/MS) - Total Recov	verable						
Analyte	Result Qu	alifier RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	250	5.0	2.2	ug/L		12/07/20 14:00	12/08/20 13:45	1
Iron	830	100	47	ug/L		12/07/20 14:00	12/08/20 13:45	1
Manganese	690	5.0	2.1	ug/L		12/07/20 14:00	12/08/20 13:45	1
Lead	1.2	1.0	0.45	ua/L		12/07/20 14:00	12/08/20 13:45	1

Client Sample ID: WG-11221226-120320-DT-003 Date Collected: 12/02/20 11:10 Date Received: 12/03/20 11:00

Method: 6020 - Metals	(ICP/MS) - Total Re	coverable							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	240		5.0	2.2	ug/L		12/07/20 14:00	12/08/20 13:47	1
Iron	790		100	47	ug/L		12/07/20 14:00	12/08/20 13:47	1
Manganese	670		5.0	2.1	ug/L		12/07/20 14:00	12/08/20 13:47	1
Lead	1.2		1.0	0.45	ug/L		12/07/20 14:00	12/08/20 13:47	1

Eurofins TestAmerica, Buffalo

Job ID: 480-178960-1

Matrix: Water

Matrix: Water

Lab Sample ID: 480-178960-2

Lab Sample ID: 480-178960-3

Method: 6020 - Metals (ICP/MS)

Lab Sample ID: MB 240-464281/1-A Matrix: Water Analysis Batch: 464653									C	Clier Pi	nt Samp rep Typ	e: Total Recov Prep Batch:	l Blank /erable 464281
	MB	MB											
Analyte	Result	Qualifier		RL	I	MDL	Unit		D	Pre	epared	Analyzed	Dil Fac
Barium	2.2	U		5.0		2.2	ug/L		1	12/07	/20 14:00	12/08/20 12:36	1
Iron	47	U		100		47	ug/L		1	12/07	/20 14:00	12/08/20 12:36	1
Manganese	2.1	U		5.0		2.1	ug/L		1	12/07	/20 14:00	12/08/20 12:36	1
Lead	0.45	U		1.0		0.45	ug/L		1	12/07	/20 14:00	12/08/20 12:36	1
Lab Sample ID: LCS 240-464281/2-/ Matrix: Water Analysis Batch: 464653	4							Clie	nt \$	Sam Pi	ple ID: ep Typ	Lab Control S e: Total Recov Prep Batch:	Sample /erable 464281
			Spike		LCS	LCS	;					%Rec.	
Analyte			Added		Result	Qua	lifier	Unit		D	%Rec	Limits	
Barium			1000		936			ug/L			94	80 - 120	
Iron			5000		4900			ug/L			98	80 - 120	
Manganese			500		484			ug/L			97	80 - 120	
Lead			500		493			ug/L			99	80 - 120	

Job ID: 480-178960-1

Eurofins TestAmerica, Buffalo

Method Blank

Lab Control Sample

464281 464281

Metals

Prep Batch: 464281

MB 240-464281/1-A

LCS 240-464281/2-A

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-178960-1	WG-11221226-120320-DT-001	Total Recoverable	Water	3005A	
480-178960-2	WG-11221226-120320-DT-002	Total Recoverable	Water	3005A	
480-178960-3	WG-11221226-120320-DT-003	Total Recoverable	Water	3005A	
MB 240-464281/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 240-464281/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
Analysis Batch: 464	653				
Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-178960-1	WG-11221226-120320-DT-001	Total Recoverable	Water	6020	464281
480-178960-2	WG-11221226-120320-DT-002	Total Recoverable	Water	6020	464281
480-178960-3	WG-11221226-120320-DT-003	Total Recoverable	Water	6020	464281

Total Recoverable

Total Recoverable

Water

Water

6020

6020

Eurofins TestAmerica, Buffalo

Client Sample ID: WG-11221226-120320-DT-001 Date Collected: 12/02/20 10:25 Date Received: 12/03/20 11:00

_	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			464281	12/07/20 14:00	MRL	TAL CAN
Total Recoverable	Analysis	6020		1	464653	12/08/20 13:42	DSH	TAL CAN

Client Sample ID: WG-11221226-120320-DT-002 Date Collected: 12/02/20 11:10 Date Received: 12/03/20 11:00

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			464281	12/07/20 14:00	MRL	TAL CAN
Total Recoverable	Analysis	6020		1	464653	12/08/20 13:45	DSH	TAL CAN

Client Sample ID: WG-11221226-120320-DT-003 Date Collected: 12/02/20 11:10 Date Received: 12/03/20 11:00

Lab Sample ID: 480-178960-3 Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			464281	12/07/20 14:00	MRL	TAL CAN
Total Recoverable	Analysis	6020		1	464653	12/08/20 13:47	DSH	TAL CAN

Laboratory References:

TAL CAN = Eurofins TestAmerica, Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Matrix: Water

Matrix: Water

Lab Sample ID: 480-178960-1

Lab Sample ID: 480-178960-2

12/9/2020

Client: GHD Services Inc. Project/Site: 11221226, Ellison Bronze Job ID: 480-178960-1

Laboratory: Eurofins TestAmerica, Canton

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

	, ,		
Authority	Program	Identification Number	Expiration Date
California	State	2927	02-23-21
Connecticut	State	PH-0590	12-31-21
Florida	NELAP	E87225	06-30-21
Georgia	State	4062	02-23-21
Illinois	NELAP	004498	07-31-21
lowa	State	421	06-01-21
Kansas	NELAP	E-10336	04-30-21
Kentucky (UST)	State	112225	02-23-21
Kentucky (WW)	State	KY98016	12-31-20
Minnesota	NELAP	OH00048	12-31-20
Minnesota (Petrofund)	State	3506	08-01-21
New Jersey	NELAP	OH001	06-30-21
New York	NELAP	10975	03-31-21
Ohio VAP	State	CL0024	06-05-21
Oregon	NELAP	4062	02-24-21
Pennsylvania	NELAP	68-00340	08-31-21
Texas	NELAP	T104704517-18-10	08-31-21
USDA	US Federal Programs	P330-18-00281	09-17-21
Virginia	NELAP	010101	09-14-21
Washington	State	C971	01-12-21
West Virginia DEP	State	210	12-31-20

Method Summary

Client: GHD Services Inc. Project/Site: 11221226, Ellison Bronze

Method	Method Description	Protocol	Laboratory
6020	Metals (ICP/MS)	SW846	TAL CAN
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	TAL CAN

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL CAN = Eurofins TestAmerica, Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Sample Summary

Client: GHD Services Inc. Project/Site: 11221226, Ellison Bronze

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asse
480-178960-1	WG-11221226-120320-DT-001	Water	12/02/20 10:25	12/03/20 11:00	
480-178960-2	WG-11221226-120320-DT-002	Water	12/02/20 11:10	12/03/20 11:00	
480-178960-3	WG-11221226-120320-DT-003	Water	12/02/20 11:10	12/03/20 11:00	

FIIORE. / 10-081-2000 Fax. / 10-081-/ 881										
Client Information (Sub Contract Lab)	Sampler.			Lab PM: Heckle	, Denise D		Carrier Tracking	No(s):	COC No: 480-60721.1	
Client Contact. Shipping/Receiving	Phone:			E-Mail: Denise	Heckler@Eurof	inset.com	State of Origin. New York		Page 1 of 1	
сомралу. TestAmerica Laboratories, Inc.				Ac	Creditations Require	ad (See note); 'K			Job #. 480-178960-1	
Address: 4101 Shuffel Street NVV,	Due Date Requester 12/16/2020					Analysis	Requested		Preservation C	odes:
City North Canton State Zio	TAT Requested (day	s):			爬机能				A - HCL B - NaOH C - Zn Acetate	M - Hexane N - None O - AsNaO2 D - Na2OAS
044, 44720					130				E - NaHSO4	C - N82045 0 - N82503 P - N82503
Phone: 330-497-9396(Tei) 330-497-0772(Fax)	PO#			(0					G - Amchlor H - Ascorbic Acid	S - H2SO4 T - TSP Dodecahvdrat
Email,	.# OM			01 10	sis (OV				I - Ice J - Di Water	U - Acetone V - MCAA
Project Name 11221226, Ellison Bronze	Project #: 48023111			sey) e	et Met				tainen L-EDA	W - pH 4-5 Z - other (specify)
Site.	SSOW#:			Idme	eles (O				of coni	
Samole Identification - Client ID (I ab ID)	Samnle Date	Sample	Sample Type (C=comp,	Matrix (wwwater, s=seld, O-wasterott, Ield Filltered	M/2M miohe OM) A2006\020				Predmuk Isto	28
		X	Preserval	ion Code: X	»	(2) (2) (2) (2) (2) (2) (2) (2) (2) (2)	200 周辺 的现在分词	Contraction of the second		IIISU UCUOUS/NOIS.
WG-11221226-120320-DT-001 (480-178960-1)	12/2/20	10:25 Fastern		Water	×				1	
WG-11221226-120320-DT-002 (480-178960-2)	12/2/20	11:10 Eastern		Water	×				1	
WG-11221226-120320-DT-003 (480-178960-3)	12/2/20	11:10 Eastern		Water	×				1	
				1						
									100 42	
Note: Since laboratory accreditations are subject to change, Eurofins TestAn maintain accreditation in the State of Origin listed above for analysis/testSim TestAmerica attention immediately. If all requested accreditations are curren	nerica places the ownership atrix being analyzed, the san 11 to date, return the signed (of method, and nples must be Chain of Custo	alyte & accred shipped back dy attesting to	I itation compliance to the Eurofins Te said complicance	L I I upon out subcontra tAmerica laboratory to Eurofins TestAm	ct laboratories. This or other instruction erica.	sample shipment is for s will be provided. Any	warded under ch changes to accre	ain-of-custody if the lab	oratory does not currently brought to Eurofins
Possible Hazard Identification Unconfirmed					Sample Dispo	sal (A fee may	be assessed if sa	amples are re	stained longer than	1 month)
Deliverable Requested: I, II, III, IV, Other (specify)	Primary Deliveral	ole Rank: 2			Special Instruc	tions/QC Requir	ements:		In Latin	CHINDIAN
Empty Kit Relinduished by:	-	Date:		Ŧ	ne:		Method of	Shipment.		
Reinquished by UMW WUNCIN	Date/Time L [¢	3120	PEI	S + C	Received by	T	10-00	Date/Time:	20 102	O COMPANYA
Reinquished by	Date/Time:	-	-	Company	Received by.	0	>	Date/Time:		Company
Relinquished by:	Date/Time:			Company	Received by:			Date/Time:		Company
Custody Seals Intact: Custody Seal No.: A Yes A No					Cooler Temps	erature(s) °C and Ot	her Remarks:			

12/9/2020

lient <u>ETA</u> Site Name ooler Received on <u>12-4-20</u> Opened on <u>12-4-20</u> PedEx: 1 st Grd Exp UPS FAS Clipper Client Drop Off TestAmerica Courie Receipt After-hours: Drop-off Date/Time Storage Locatio estAmerica Cooler # <u>TA</u> Foam Box Client Cooler Box Other Packing material used: Rubble Wrap Foam Plastic Bag None Other COOLANT: Wet Ice Blue Ice Dry Ice Water None Cooler temperature upon receipt IR GUN# IR-11 (CF +0.9 °C) Observed Cooler Temp. <u>2.1</u> °C Corrected Cool IR GUN #IR-12 (CF +0.5°C) Observed Cooler Temp. <u>°C</u> Corrected Cool Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity -Were the seals on the outside of the cooler(s)? If Yes Quantity -Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)? -Were tamper/custody seals intact and uncompromised? Shippers' packing slip attached to the cooler(s)? Were the custody papers relinquished & signed in the appropriate place? Was/were the person(s) who collected the samples clearly identified on the COC? Did all bottle sarrive in good condition (Unbroken)? Could all bottle labels (ID/Date/Time) be reconciled with the COC? For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), an 0. Were correct bottle(s) used for the test(s) indicated? 1. Sufficient quantity received to perform indicated analyses?	Form er Temp. 3. OC ler Temp. 3. OC ler Temp. 3. OC ler Temp. oC Ves No Ves No
Site Name ooler Received on 12-1-20 Opened on 12-1-20 redex: 1 st Grd Exp UPS FAS Clipper Client Drop Off TestAmerica Courie Receipt After-hours: Drop-off Date/Time Storage Locatio restAmerica Cooler # TA Foam Box Client Cooler Box Other Packing material used: Buble Wrap Foam Plastic Bag None Other COOLANT: Wet Ice Blue Ice Dry Ice Water None . Cooler temperature upon receipt Image: Storage Cooler See Multiple Cooler See Multiple Cooler . R GUN# IR-11 (CF +0.9 °C) Observed Cooler Temp. °C Corrected Cool °C Corrected Cool . Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity . . . -Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)? . . . Were the custody papers accompany the sample(s)? May were the person(s) who collected the samples clearly identified on the COC? May were the person(s) who collected the samples clearly identified on the COC? . .	Form er Temp. 3. OC ter Temp. 3. OC ter Temp. °C Yes No Yes No
 Goter Received on <u>12</u> <u>122</u> Opened on <u>122</u> <u>122</u> Opened on <u>122</u> <u>1</u>	Form er Temp. 3. C ter Temp. 3. C ter Temp. 3. C ter Temp. C Ves No Ves No
Control of the state of th	Form er Temp. Ves No Ves No
 FestAmerica Cooler #A Foam Box Client Cooler Box Other Packing material used: Bubble Wrap Foam Plastic Bag None Other COOLANT: Wet Ice Blue Ice Dry Ice Water None Cooler temperature upon receiptB see Multiple Cooler TR GUN# IR-11 (CF +0.9 °C) Observed Cooler Temp °C Corrected Cool IR GUN #IR-12 (CF +0.5°C) Observed Cooler Temp °C Corrected Cool Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity Were the seals on the outside of the cooler(s) signed & dated? - Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)? -Were tamper/custody seals intact and uncompromised? Shippers' packing slip attached to the cooler(s)? Did custody papers accompany the sample(s)? Were the person(s) who collected the samples clearly identified on the COC? Did all bottle arrive in good condition (Unbroken)? Could all bottle labels (ID/Date/Time) be reconciled with the COC? For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and Were correct bottle(s) used for the test(s) indicated? 	Form er Temp. 3. C ter Temp. °C Yes No Yes No
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11. Sufficient quantity received to perform indicated analyses?	Ked No
Cr. Swineren guanny received to perform marcade anaryses.	Ver No
2. Are these work share samples and all listed on the COC?	Yes No
If yes, Questions 13-17 have been checked at the originating laboratory.	9.00
13. Were all preserved sample(s) at the correct pH upon receipt?	es No NA pH Strip Lot# HC907861
4. Were VOAs on the COC?	Yes No
5. Were air bubbles >6 mm in any VOA vials? 🜑 🖕 Larger than this.	Yes No NA
6. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot #	Yes No
7. Was a LL Hg or Me Hg trip blank present?	Yes No
Contacted PM Date by via Verba	Voice Mail Other
Concerning	
18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES additional next page	Samples processed by:
Sample(s) were received after the recommended h	olding time had expired.
Sample(s) were received and the recommended in	ved in a broken container.
Sample(s) were received with bubble >6 m	m in diameter. (Notify PM)
20. SAMPLE PRESERVATION	
ample(c)	further preserved in the laboratory
Time preserved: Preservative(s) added/Lot number(s):	runner preserved in the laboratory.
/OA Sample Preservation Date/Time VOAs Evagant	
OA Sample rieservation - Date/Time vOAs Frozen:	

Client: GHD Services Inc.

Login Number: 178960 List Number: 1 Creator: Sabuda, Brendan D

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.9 #1 ICE
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	True	

List Source: Eurofins TestAmerica, Buffalo