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report . HW. 907018. 1996-02-02. Post-Remediation - Monthly . pdf

example: report . Site Number . Year-Month . Report Name . pdf

Project Site numbers will be proceeded by the following:

Municipal Brownfields - B

Superfund - HW

Spills - SP

ERP - E

VCP - V

BCP - C



**CONESTOGA-ROVERS
& ASSOCIATES**

651 Colby Drive, Waterloo, Ontario, Canada N2V 1C2
Telephone: 519-884-0510 Facsimile: 519-884-0525
www.CRAworld.com

DSS *DS*
f: 907018

January 4, 2005

Reference No. 17948

Mr. David Szymanski
New York State Department of Environmental Conservation
270 Michigan Avenue
Buffalo, New York 14203-2999

RECEIVED

JAN 10 2005
NYSDEC REG 9
FOIL
☒ REL ☐ UNREL

Dear Mr. Szymanski:

Re: Update Report
Ellison Bronze Site, Falconer, New York

This report presents the post remedial activities that have been performed for the Ellison Bronze Site in Falconer, New York for 2004. All of the activities performed are as described in the Order on Consent that was signed by Ellison Bronze and the NYSDEC on June 13, 1995.

GENERAL BACKGROUND

The site was remediated between June 26 and August 21, 1995. The remedy consisted of the excavation of approximately 1,400 cubic yards of lead contaminated foundry waste and 60 cubic yards of copper contaminated stream sediment. Confirmatory samples were collected from the base and sidewalls of the excavation to ensure that all impacted material had been removed. The soil samples were compared to the lead criterion of 500 parts per million. Sediment confirmatory samples were compared to a copper criterion of 65 parts per million. The excavated materials were then stabilized by the addition of Portland cement. To ensure that the excavated soil was properly stabilized, samples were collected and submitted for TCLP lead analysis. One sample was collected for every 25 cubic yards of stabilized material. Following receipt of analytical data that demonstrated the stabilized material had achieved the TCLP criterion for lead (0.025 mg/L), the material was placed into the excavation as backfill. All data was reviewed and approved by the NYSDEC prior to backfilling. The sediments were stabilized but did not require the collection of samples of the stabilized material. The stabilized sediments were used as backfill within the soil excavation area.

Following backfilling of all stabilized materials, the area was paved. This consisted of three inches of granular subbase and three inches of asphalt (two inches of binder course and one inch of top coat).

Commencing in November of 1996, and continuing through November of 2002, groundwater samples have been collected from the three on Site wells in accordance with the long term

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January 4, 2005

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Reference No. 17948

monitoring plan. As agreed in a letter dated June 13, 2001, the NYSDEC has approved a reduction in the groundwater monitoring program in that samples from the three wells need only be collected once, every two years. Consequently, the 2004 sampling event was the first biennial sampling. The next sampling event, should one be necessary, will occur late in the year 2006.

The purpose of this report is to provide an update on the status of the Site and its condition. This report covers the period January 2004 through December 2004

POST STABILIZATION GROUNDWATER MONITORING

Groundwater sampling was performed on November 24, 2004 in accordance with the Long-Term Monitoring Plan contained in the "Soil/Sediment Stabilization Summary Report, Dowcraft Corporation, Ellison Bronze Site, Falconer, New York". Three monitoring wells were sampled (ESI-1R, ESI-2, and ESI-3).

Purging was continued until sediment-free water was obtained. Sediment-free water was determined by both visual observation and the use of a field turbidimeter. Turbidity values of less than 1 NTU were obtained at all three sampling locations.

Each well was sampled for lead, barium, manganese, and iron. A blind duplicate sample was collected from well ESI-1R. A matrix spike/matrix spike duplicate sample was collected from ESI-2. The samples were placed in a cooler with ice and shipped to Ecology and Environment on November 24, 2004 following chain-of custody procedures. Table 1 presents the 2004 analytical results for the groundwater samples.

The 2004 analytical results for each parameter were below New York State Class GA Groundwater Standards at all locations with the exception of manganese at location ESI-1R. The reported level of manganese, however, is similar to those detected during all previous sampling events (1996 through 2002) 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 2.

SITE INSPECTIONS

Personnel from Ellison Bronze have been performing the site inspections of the remediated area to confirm that the area is environmentally sound.

During this year's inspection, the monitoring wells and stream banks were all found to be in good condition. Some minor repairs to the paved areas and one small grassed area were made



**CONESTOGA-ROVERS
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January 4, 2005

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Reference No. 17948

in April 2004. These areas were in good condition again during the November 2004 inspection. Copies of the 2004 inspection reports are attached.

As stated in the June 13, 2001 letter from the NYSDEC, annual inspections of these areas will continue.

CONCLUSIONS & RECOMMENDATIONS

The groundwater data collected in 2004 have the same concentrations as every sampling event in the past 10 years since the remediation was completed. 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 monitoring of this Site. In fact, there has never been any identified lead contamination present in the groundwater beneath this Site nor in the soils beneath the waste materials that were stabilized, including the time period before the remediation was completed. It is therefore recommended that this monitoring program be terminated.

Should there be any questions, please do not hesitate to contact me at 519-884-0510 or Kim Peterson of Ellison Bronze at 716-665-6522.

Yours truly,

CONESTOGA-ROVERS & ASSOCIATES

James K. Kay

JKK/mw/1

Encl.

c.c.: Kim Peterson
Dave Tyran

TABLE 1

ANALYTICAL RESULTS SUMMARY
 BIENNIAL GROUNDWATER SAMPLING
 ELLISON BRONZE
 FALCONER, NEW YORK
 NOVEMBER 2004

<i>Sample Location:</i>		<i>ESI-2</i>	<i>ESI-1R</i>	<i>ESI-1R</i>	<i>ESI-3</i>
<i>Sample ID:</i>		WG-17948-112404-DJT-001	WG-17948-112404-DJT-002	WG-17948-112404-DJT-003	WG-17948-112404-DJT-004
<i>Sample Date:</i>		11/24/2004	11/24/2004	11/24/2004	11/24/2004
				<i>Duplicate</i>	
<i>Parameters</i>	<i>Units</i>				
<i>Metals</i>					
Barium	µg/L	173	151	148	247
Iron	µg/L	200 U	200 U	200 U	200 U
Lead	µg/L	5.00 U	1.97 J	2.42 J	2.12 J
Manganese	µg/L	33.3	1390	1350	10.0 U

Notes:

- J Estimated.
 U Non-detect at associated value.

TABLE 2
HISTORICAL ANALYTICAL RESULTS SUMMARY
GROUNDWATER SAMPLING
LONG-TERM MONITORING PROGRAM
DOWCRAFT CORPORATION, ELLISON BRONZE SITE
FALCONER, NEW YORK

	Class GA Groundwater Standard (mg/L)	ESI-1R						
		1996	1997	1998	1999	2000	2002	2004
Total Lead	0.025	ND (0.005)/ND (0.005)	ND (0.002)/ND (0.002)	ND (0.003)/ND (0.003)	ND (0.002)/ND (0.002)	ND (0.005)/ND (0.005)	ND (0.005)/ND (0.005)	0.00197/0.00242J
Total Barium	1.0	0.17/0.16	0.177/0.174	0.207/0.206	0.232/0.230	0.252/0.259	0.201/0.202	0.151/0.148
Total Iron	0.3	0.15/0.14	ND (0.06)/ND (0.06)	0.115/0.153	0.222/0.175	0.132/0.114	0.0998J/0.103J	ND (0.2)/ ND (0.2)
Total Manganese	0.3	2.4/2.4	2.45/2.41	1.81/1.81	2.13/2.13	3.08/3.13	2.78/2.78	1.390/1.350

TABLE 2

HISTORICAL ANALYTICAL RESULTS SUMMARY
GROUNDWATER SAMPLING
LONG-TERM MONITORING PROGRAM
DOWCRAFT CORPORATION, ELLISON BRONZE SITE
FALCONER, NEW YORK

	Class GA Groundwater Standard (mg/L)	ESI-2						
		1996	1997	1998	1999	2000	2002	2004
Total Lead	0.025	ND (0.005)	0.003	ND (0.003)	ND (0.002)	ND (0.005)	ND (0.005)	ND (0.005)
Total Barium	1.0	0.15	0.159	0.144	0.156	0.153	0.184	0.173
Total Iron	0.3*	0.09	ND (0.06)	ND (0.06)	0.062	ND (0.050)	ND (0.020)	ND (0.20)
Total Manganese	0.3*	0.17	0.086	0.02	0.058	0.030	0.0808	0.033

TABLE 2
 HISTORICAL ANALYTICAL RESULTS SUMMARY
 GROUNDWATER SAMPLING
 LONG-TERM MONITORING PROGRAM
 DOWCRAFT CORPORATION, ELLISON BRONZE SITE
 FALCONER, NEW YORK

	Class GA Groundwater Standard (mg/L)	ESI-3						
		1996	1997	1998	1999	2000	2002	2004
Total Lead	0.025	ND (0.005)	0.003	ND (0.003)	ND (0.002)	ND (0.005)	0.00165J	0.00212J
Total Barium	1.0	0.17	0.136	0.113	0.086	0.077	0.0799	0.247
Total Iron	0.3*	0.06	ND (0.06)	ND (0.06)	0.079	0.074	ND(0.200)	ND (0.20)
Total Manganese	0.3*	0.007	ND (0.01)	ND (0.01)	0.005	ND (0.010)	0.0033J	ND (0.010)

TABLE C.1

SEMI-ANNUAL INSPECTION CHECKLIST
 LONG-TERM MONITORING PLAN
 ELLISON BRONZE SITE
 FALCONER, NEW YORK

Date:

4-7-04

Inspection Personnel:

William Hester

Inspection Item	Condition		
	Good	Satisfactory	Poor-Repairs Required
A. Paved Areas	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> ①
B. Grassed Areas	<input type="checkbox"/>	<input checked="" type="checkbox"/> ②	<input type="checkbox"/>
C. Stream Banks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D. Monitoring Wells	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Comments:

- ① Parking lot Cracking
 ② Needs raking & new seed in some areas

ACTIONS TAKEN:

- ITEM 1. CRACKS FILLED AND SEALED AT PAVED AREAS
 AS NEEDED
 2. GRASS AREAS RAKED AND SEEDED AS NEEDED

Jim Peterson

TABLE C.1

SEMI-ANNUAL INSPECTION CHECKLIST
LONG-TERM MONITORING PLAN
ELLISON BRONZE SITE
FALCONER, NEW YORK

Date:

11-6-04

Inspection Personnel:

William HASKINS
Walter Haskins

Inspection Item	Condition		
	Good	Satisfactory	Poor-Repairs Required
A. Paved Areas	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
B. Grassed Areas	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C. Stream Banks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D. Monitoring Wells	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Comments:

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Division of Environmental Remediation
Inactive Hazardous Waste Site Operations and Maintenance Review Report

Form Date 96.10.01

Site Name: Ellison Bronze		Class: 4	Number: 907018															
O&M Funding Source: <input type="checkbox"/> State Superfund <input type="checkbox"/> Federal Superfund <input type="checkbox"/> Municipal <input checked="" type="checkbox"/> Responsible Party																		
O&M Information: O&M Start: June 1995 End: Annual Cost: \$2000 (Estimated)																		
Interim Remedial Measures/ Operable Units in O&M Phase: <table border="0"><tr><td><input type="checkbox"/> Drum Removal</td><td><input checked="" type="checkbox"/> Soil Removal</td><td><input type="checkbox"/> Tank Removal</td></tr><tr><td><input checked="" type="checkbox"/> Cap/Cover (asphalt)</td><td><input type="checkbox"/> Containment Structure</td><td><input type="checkbox"/> Fence/Security</td></tr><tr><td><input type="checkbox"/> Groundwater Recovery/Treatment</td><td><input type="checkbox"/> Leachate Collection/Treatment</td><td><input type="checkbox"/> Vapor Extraction/Treatment</td></tr><tr><td><input type="checkbox"/> Air Sparging/Stripper System</td><td><input type="checkbox"/> Treatment/Filtration Plant/System</td><td><input type="checkbox"/> Potable Water Supply/System</td></tr><tr><td colspan="3"><input checked="" type="checkbox"/> Other: Soil stabilization and sediment stabilization.</td></tr></table>				<input type="checkbox"/> Drum Removal	<input checked="" type="checkbox"/> Soil Removal	<input type="checkbox"/> Tank Removal	<input checked="" type="checkbox"/> Cap/Cover (asphalt)	<input type="checkbox"/> Containment Structure	<input type="checkbox"/> Fence/Security	<input type="checkbox"/> Groundwater Recovery/Treatment	<input type="checkbox"/> Leachate Collection/Treatment	<input type="checkbox"/> Vapor Extraction/Treatment	<input type="checkbox"/> Air Sparging/Stripper System	<input type="checkbox"/> Treatment/Filtration Plant/System	<input type="checkbox"/> Potable Water Supply/System	<input checked="" type="checkbox"/> Other: Soil stabilization and sediment stabilization.		
<input type="checkbox"/> Drum Removal	<input checked="" type="checkbox"/> Soil Removal	<input type="checkbox"/> Tank Removal																
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<input type="checkbox"/> Air Sparging/Stripper System	<input type="checkbox"/> Treatment/Filtration Plant/System	<input type="checkbox"/> Potable Water Supply/System																
<input checked="" type="checkbox"/> Other: Soil stabilization and sediment stabilization.																		
Institutional Controls: <input checked="" type="checkbox"/> Deed Restriction <input type="checkbox"/> Discharge Permit <input type="checkbox"/> Department of Health Sampling Other:																		
O&M Review Information: Reports: <u>Per Site File.; None received for 2004 - anticipate GW monitoring late in 2004.</u> Inspection: <u>July 28, 2004</u> Sampling: <u>None in 2003 - Reduced GW sampling program to once every two years.</u> Other:																		
Conclusions: Remedy Effective? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No: ROD Compliance? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No: Consent Order Compliance? <input type="checkbox"/> Yes <input type="checkbox"/> No: <u>NA</u> Other:																		
Recommendations: <u>Parking Lot cap appears in good shape. Erosion previously-noted along banks of Moon Brook appears to have been repaired by RP.</u>																		
ROD/Consent Order Modifications? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (per above) Reclassify the Site? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes → Class:																		
Comments: <u>Continue monitoring for erosion and GW sampling program.</u>																		
Project Manager:  Signature David S. Szymanski, Reg. 9 DER, 716-851-7220 Name Region or Bureau Telephone 10/25/04 Date		Reviewer:  Signature 11/8/04 Date Name Region or Bureau Telephone																



**CONESTOGA-ROVERS
& ASSOCIATES**

907018 DSS *DS*
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www.CRAworld.com

November 4, 2003

Reference No. 17948

Mr. Jaspal Walia
New York State Department of Environmental Conservation
270 Michigan Avenue
Buffalo, NY 14203-2999

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NYSDEC - REG. 9

~~REL~~ ^{FOIL} UNREL

Dear Mr. Walia:

Re: Update Report
Ellison Bronze Site, Falconer, New York

This report presents the post remedial activities that have been performed for the Ellison Bronze Site in Falconer, New York for 2003. All of the activities performed are as described in the Order on Consent that was signed by Ellison Bronze and the NYSDEC on June 13, 1995.

GENERAL BACKGROUND

The site was remediated between June 26 and August 21, 1995. The remedy consisted of the excavation of approximately 1,400 cubic yards of lead contaminated foundry waste and 60 cubic yards of copper contaminated stream sediment. Confirmatory samples were collected from the base and sidewalls of the excavation to ensure that all impacted material had been removed. The soil samples were compared to the lead criterion of 500 parts per million. Sediment confirmatory samples were compared to a copper criterion of 65 parts per million. The excavated materials were then stabilized by the addition of Portland cement. To ensure that the excavated soil was properly stabilized, samples were collected and submitted for TCLP lead analysis. One sample was collected for every 25 cubic yards of stabilized material. Following receipt of analytical data that demonstrated the stabilized material had achieved the TCLP criterion for lead (0.025 mg/L), the material was placed into the excavation as backfill. All data was reviewed and approved by the NYSDEC prior to backfilling. The sediments were also stabilized but did not require the collection of samples of the stabilized material. The stabilized sediments were used as backfill within the soil excavation area.

Following backfilling of all stabilized materials, the area was paved. This consisted of three inches of granular subbase and three inches of asphalt (two inches of binder course and one inch of top coat).

REGISTERED COMPANY
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**CONESTOGA-ROVERS
& ASSOCIATES**

November 4, 2003

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Reference No. 17948

Commencing in November of 1996, and continuing through November of 2002, groundwater samples have been collected from the three on Site wells in accordance with the long term monitoring plan.

The purpose of this report is to provide an update on the status of the Site and its condition. This report covers the period January 2003 through December 2003. As agreed in a letter dated June 13, 2001, the NYSDEC has approved a reduction in the groundwater monitoring program in that samples from the three wells need only be collected once, every two years. Consequently, the next sampling event will occur late in the year 2004.

SITE INSPECTIONS

Personnel from Ellison Bronze have been performing the site inspections of the remediated area to confirm that the area is environmentally sound.

During this year's inspection, the paved areas, grassed areas, and monitoring wells were all found to be in good condition. Copies of the 2003 inspection reports are attached.

As stated in the June 13, 2001 letter from the NYSDEC, annual inspections of these areas will continue.

Should there be any questions, please do not hesitate to contact me at 519-884-0510 or Kim Peterson of Ellison Bronze at 716-665-6522.

Yours truly,

CONESTOGA-ROVERS & ASSOCIATES

James K. Kay

JKK/cb/1
Encl.

c.c.: Kim Peterson
Dave Tyran

TABLE C.1

SEMI-ANNUAL INSPECTION CHECKLIST
LONG-TERM MONITORING PLAN
ELLISON BRONZE SITE
FALCONER, NEW YORK

Date: 4-11-03
Inspection Personnel: Wm. Harkin

Inspection Item	Condition		
	Good	Satisfactory	Poor-Repairs Required
A. Paved Areas	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B. Grassed Areas	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C. Stream Banks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D. Monitoring Wells	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Comments:

TABLE C.1

SEMI-ANNUAL INSPECTION CHECKLIST
LONG-TERM MONITORING PLAN
ELLISON BRONZE SITE
FALCONER, NEW YORK

Date: 10-24-03
Inspection Personnel: Wm. Haskin

Inspection Item	Condition		
	Good	Satisfactory	Poor-Repairs Required
A. Paved Areas	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B. Grassed Areas	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C. Stream Banks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D. Monitoring Wells	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Comments:

File

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Division of Environmental Remediation

Inactive Hazardous Waste Site Operations and Maintenance Review Report

Form Date 96.10.01

Site Name: Ellison Bronze		Class: 4	Number: 907018
O&M Funding Source: <input type="checkbox"/> State Superfund <input type="checkbox"/> Federal Superfund <input type="checkbox"/> Municipal <input checked="" type="checkbox"/> Responsible Party			
O&M Information: O&M Start: June 1995 End: Annual Cost: \$2000 (Estimated)			
Interim Remedial Measures/ Operable Units in O&M Phase:			
<input type="checkbox"/> Drum Removal <input checked="" type="checkbox"/> Soil Removal <input type="checkbox"/> Tank Removal <input checked="" type="checkbox"/> Cap/Cover (asphalt) <input type="checkbox"/> Containment Structure <input type="checkbox"/> Fence/Security <input type="checkbox"/> Groundwater Recovery/Treatment <input type="checkbox"/> Leachate Collection/Treatment <input type="checkbox"/> Vapor Extraction/Treatment <input type="checkbox"/> Air Sparging/Stripper System <input type="checkbox"/> Treatment/Filtration Plant/System <input type="checkbox"/> Potable Water Supply/System <input checked="" type="checkbox"/> Other: Soil stabilization and sediment stabilization.			
Institutional Controls: <input checked="" type="checkbox"/> Deed Restriction <input type="checkbox"/> Discharge Permit <input type="checkbox"/> Department of Health Sampling			
Other: _____			
O&M Review Information:			
Reports: <u>Per Site File ; January 27, 2003 CRA Report: Update & GW samples.</u>			
Inspection: <u>September 23, 2003</u>			
Sampling: <u>RP performed GW sampling 11/25/02</u>			
Other: _____			
Conclusions:			
Remedy Effective? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No: _____			
ROD Compliance? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No: _____			
Consent Order Compliance? <input type="checkbox"/> Yes <input type="checkbox"/> No: <u>NA</u>			
Other: _____			
Recommendations: <u>Parking Lot cap appears in good shape. Erosion noted along banks of Moon Brook (both sides) and should be adequately maintained by RP to prevent bank failure. In comparison to photos taken on 10/31/01, much of the stone emplaced at that time has washed away. Flow in brook was notable on 9/23/03 and the downstream depth of the brook at the sheet-pile weir appears to be getting deeper from previous observations.</u>			
ROD/Consent Order Modifications? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (per above) Reclassify the Site? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes → Class:			
Comments: <u>Continue with monitoring and notify RP of Erosion Issue.</u>			
Project Manager:		Reviewer:	
<u>David S. Szymanski</u> <u>9/24/03</u> Signature Date		<u>Mr. Dexter</u> <u>9-24-03</u> Signature Date	
David S. Szymanski, Reg. 9 DER, 716-851-7220			
Name Region or Bureau Telephone		Name Region or Bureau Telephone	



**CONESTOGA-ROVERS
& ASSOCIATES**

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DSS DSS
98

January 27, 2003

Reference No. 17948

Mr. Gerald F. Pietraszek
New York State Department of Environmental Conservation
270 Michigan Avenue
Buffalo, New York 14203-2999

Dear Mr. Pietraszek:

Re: Update Report
Ellison Bronze Site, Falconer, New York 907018

This report presents the post remedial activities that have been performed for the Ellison Bronze Site in Falconer, New York for 2002. All of the activities performed are as described in the Order on Consent that was signed by Ellison Bronze and the NYSDEC on June 13, 1995.

GENERAL BACKGROUND

The site was remediated between June 26 and August 21, 1995. The remedy consisted of the excavation of approximately 1,400 cubic yards of lead contaminated foundry waste and 60 cubic yards of copper contaminated stream sediment. Confirmatory samples were collected from the base and sidewalls of the excavation to ensure that all impacted material had been removed. The soils samples were compared to the lead criterion of 500 parts per million. Sediment confirmatory samples were compared to a copper criterion of 65 parts per million. The excavated materials were then stabilized by the addition of Portland cement. To ensure that the excavated soil was properly stabilized, samples were collected and submitted for TCLP lead analysis. One sample was collected for every 25 cubic yards of stabilized material. Following receipt of analytical data that demonstrated the stabilized material had achieved the TCLP criterion for lead (0.025 mg/L), the material was placed into the excavation as backfill. All data was reviewed and approved by the NYSDEC prior to backfilling. The sediments were stabilized but did not require the collection of samples of the stabilized material. The stabilized sediments were used as backfill within the soil excavation area.

Following backfilling of all stabilized materials, the area was paved. This consisted of three inches of granular subbase and three inches of asphalt (two inches of binder course and one inch of top coat).

Commencing in November of 1996, and continuing through November of 2002, groundwater samples have been collected from the three on Site wells in accordance with the long term monitoring plan.

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**CONESTOGA-ROVERS
& ASSOCIATES**

January 27, 2003

2

Reference No. 17948

The purpose of this report is to provide an update on the status of the Site and its condition. This report covers the period September 2001 through December 2002. As agreed in a letter dated June 13, 2001, the NYSDEC has approved a reduction in the groundwater monitoring program in that samples from the three wells need only be collected once, every two years. Consequently, the next sampling event will occur late in the year 2004.

POST STABILIZATION GROUNDWATER MONITORING

Groundwater sampling was performed on November 25, 2002 in accordance with the Long-Term Monitoring Plan contained in the "Soil/Sediment Stabilization Summary Report, Dowcraft Corporation, Ellison Bronze Site, Falconer, New York". Three monitoring wells were sampled (ESI-1R, ESI-2, and ESI-3).

Purging was continued until sediment-free water was obtained. Sediment-free water was determined by both visual observation and the use of a field turbidimeter. Turbidity values of less than 1 NTU were obtained at all three sampling locations.

Each well was sampled for lead, barium, manganese, and iron. A blind duplicate sample was collected from well ESI-1R. A matrix spike/matrix spike duplicate sample was collected from ESI-2. Table 1 contains the well purging and sampling summary. The samples were placed in a cooler with ice and shipped to Ecology and Environment on November 26, 2002 following chain-of custody procedures. Table 2 presents the 2002 analytical results for the groundwater samples.

The 2002 analytical results for each parameter were below New York State Class GA Groundwater Standards at all locations with the exception of manganese at location ESI-1R. The reported level of manganese, however, is similar to those detected during all previous sampling events (1996 through 2001) and is less than those reported at the same location during the Remedial Investigation in 1992. The Class GA Groundwater Standards are also presented in Table 2. A historical summary for all sampling rounds is provided in Table 3.

SITE INSPECTIONS

Personnel from Ellison Bronze have been performing the site inspections of the remediated area to confirm that the area is environmentally sound.

During this year's inspection, the paved areas, grassed areas, and monitoring wells were all found to be in good condition. Copies of the 2002 inspection reports are attached.



**CONESTOGA-ROVERS
& ASSOCIATES**

January 27, 2003

3

Reference No. 17948

As stated in the June 13, 2001 letter from the NYSDEC, annual inspections of these areas will continue.

Should there be any questions, please do not hesitate to contact me at 519-884-0510 or Kim Peterson of Ellison Bronze at 716-665-6522.

Yours truly,

CONESTOGA-ROVERS & ASSOCIATES

James K. Kay

JKK/rcc/4

c.c.: Kim Peterson
Dave Tyran

TABLE 1

SAMPLE KEY
GROUNDWATER SAMPLING
ELLISON BRONZE
FALCONER, NEW YORK

<i>Well Number</i>	<i>Sample I.D.</i>	<i>One Well Volume (Gallons)</i>	<i>Purge Volume (Gallons)</i>	<i>Water Level (BTOC)</i>	<i>Sample Time</i>	<i>Sample Volume</i>	<i>Sample Turbidity (NTU)</i>	<i>Comments</i>
ESI-1R	GW-5020-1102-001	1.1	16.5	8.70	900	1 liter plastic with HNO ₃	0	
ESI-1R	GW-5020-1102-002	-	-	-	930	1 liter plastic with HNO ₃	-	Blind duplicate
ESI-2	GW-5020-1102-003	1.3	19.5	7.98	945	3 x 1 liter plastic with NHO ³	0.2	MS/MSD
ESI-3	GW-5020-1102-004	0.9	7.2	8.53	1015	1 liter plastic with HNO ₃	0.5	

Notes:

BTOC Below Top of Casing.
MS Matrix Spike.
MSD Matrix Spike Duplicate.
NTU Nephelometric Turbidity Unit.

SAMPLE RESULTS AND QA/QC REVIEW
ELLISON BRONZE
FALCONER, NEW YORK

Location:	ESI-1R		ESI-1R	ESI-2	ESI-3
Sample ID:	GW-5020-1102-001	GW-5020-1102-002	GW-5020-1102-003	GW-5020-1102-004	
Sample Date:	11/25/2002	11/25/2002	11/25/2002	11/25/2002	
		Duplicate			
<i>Parameter</i>	<i>Units</i>				
<i>Metals</i>					
Barium	ug/L	201	202	184	79.9
Iron	ug/L	99.8 J	103 J	200 U	200 U
Lead	ug/L	5.00 U	5.00 U	5.00 U	1.65 J
Manganese	ug/L	2780	2780	80.8	3.30 J

Notes:

J - Estimated.

U - Non-detect at associated value.

ug/L - Micrograms per Liter.

TABLE 3
 HISTORICAL ANALYTICAL RESULTS SUMMARY
 GROUNDWATER SAMPLING
 LONG-TERM MONITORING PROGRAM
 DOWCRAFT CORPORATION, ELLISON BRONZE SITE
 FALCONER, NEW YORK

	Class GA Groundwater Standard (mg/L)	ESI-1R					
		1996	1997	1998	1999	2000	2002
Total Lead	0.025	ND (0.005)/ND (0.005)	ND (0.002)/ND (0.002)	ND (0.003)/ND (0.003)	ND (0.002)/ND (0.002)	ND (0.005)/ND (0.005)	ND (0.005)/ND (0.005)
Total Barium	1.0	0.17/0.16	0.177/0.174	0.207/0.206	0.232/0.230	0.252/0.259	0.201/0.202
Total Iron	0.3	0.15/0.14	ND (0.06)/ND (0.06)	0.115/0.153	0.222/0.175	0.132/0.114	0.0998J/0.103J
Total Manganese	0.3	2.4/2.4	2.45/2.41	1.81/1.81	2.13/2.13	3.08/3.13	2.78/2.78

TABLE 3
 HISTORICAL ANALYTICAL RESULTS SUMMARY
 GROUNDWATER SAMPLING
 LONG-TERM MONITORING PROGRAM
 DOWCRAFT CORPORATION, ELLISON BRONZE SITE
 FALCONER, NEW YORK

	<i>Class GA Groundwater Standard (mg/L)</i>	<i>ESI-2</i>					
		1996	1997	1998	1999	2000	2002
Total Lead	0.025	ND (0.005)	0.003	ND (0.003)	ND (0.002)	ND (0.005)	ND (0.005)
Total Barium	1.0	0.15	0.159	0.144	0.156	0.153	0.184
Total Iron	0.3*	0.09	ND (0.06)	ND (0.06)	0.062	ND (0.050)	ND (0.020)
Total Manganese	0.3*	0.17	0.086	0.02	0.058	0.030	0.0808

TABLE 3
 HISTORICAL ANALYTICAL RESULTS SUMMARY
 GROUNDWATER SAMPLING
 LONG-TERM MONITORING PROGRAM
 DOWCRAFT CORPORATION, ELLISON BRONZE SITE
 FALCONER, NEW YORK

	<i>Class GA Groundwater Standard (mg/L)</i>	<i>ESI-3</i>					
		1996	1997	1998	1999	2000	2002
Total Lead	0.025	ND (0.005)	0.003	ND (0.003)	ND (0.002)	ND (0.005)	0.00165J
Total Barium	1.0	0.17	0.136	0.113	0.086	0.077	0.0799
Total Iron	0.3*	0.06	ND (0.06)	ND (0.06)	0.079	0.074	ND(0.200)
Total Manganese	0.3*	0.007	ND (0.01)	ND (0.01)	0.005	ND (0.010)	0.0033J

TABLE C.1

SEMI-ANNUAL INSPECTION CHECKLIST
LONG-TERM MONITORING PLAN
ELLISON BRONZE SITE
FALCONER, NEW YORK

Date:

4/23/2002

Inspection Personnel:

William Harkin

<u>Inspection Item</u>	<u>Condition</u>		
	<u>Good</u>	<u>Satisfactory</u>	<u>Poor-Repairs Required</u>
A. Paved Areas	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B. Grassed Areas	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C. Stream Banks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D. Monitoring Wells	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Comments:

TABLE C.1

SEMI-ANNUAL INSPECTION CHECKLIST
LONG-TERM MONITORING PLAN
ELLISON BRONZE SITE
FALCONER, NEW YORK

Date: 10/17/2002
Inspection Personnel: Willie Huh

<u>Inspection Item</u>	<u>Condition</u>		
	<u>Good</u>	<u>Satisfactory</u>	<u>Poor-Repairs Required</u>
A. Paved Areas	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B. Grassed Areas	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C. Stream Banks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D. Monitoring Wells	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Comments:

From: James Charles
To: Alice Kryzan
Date: 2/22/00 12:32PM
Subject: Ellison Bronze - *Palcoms ny.*
907018
Alice:

Subparagraph XI.A of the Order (B9-0429-93-04) for the above site requires Dowcraft's filing of a Notice with the Chautauqua County Clerk of the above Order. Please send me a copy of the such Notice. My file does not have one.

CC: Pietraszek, Gerald



NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
APPLICATION FOR ACCESS TO RECORDS
 (See Instructions on Reverse Side)

NUMBER

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• TO THE DEPARTMENT OF ENVIRONMENTAL CONSERVATION:

I hereby apply to inspect the following records under the provisions of the Freedom of Information Law:

ELLISON BRONZE COMPANY, 907018

RECORD OF DECISION

After inspection, should I desire copies of all or part of the records inspected, I will identify the records to be copied and hereby offer to promptly pay the established fees. (Cost of reproduction or 25c per page as applicable). Contact me if cost will exceed \$ _____.

Name (Print or type) RAM THAGARAJAN Telephone No. 645-3446 Ext 2331

Attention of: DR. A. SCOTT WEBER, DEPT. OF ENVIRONMENTAL ENG'G.

Mailing Address 207 JARVIS HALL, UNIVERSITY AT BUFFALO, NY 14260

Signature [Signature] Date 07/09/2002

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• TO THE APPLICANT:

—Records Provided

- ☐ The reproduction costs for the records provided are \$ _____
- ☐ Records have been (partially, fully) provided. (If not fully provided, date when records are expected to be fully provided: _____)

—Records Not Available

- ☐ Records cannot be found after diligent search
- ☐ The Department is not the custodian for records indicated

—Records Denied

I hereby certify that access to the records—or part of the records—circled above has been denied to the applicant for the reason(s) checked below:

- | | |
|--|---|
| <p><input type="checkbox"/> Specifically exempt by other statute</p> <p><input type="checkbox"/> Unwarranted invasion of personal privacy</p> <p><input type="checkbox"/> Would impair present or imminent contract awards or collective bargaining negotiations</p> <p><input type="checkbox"/> Are examination questions or answers</p> <p><input type="checkbox"/> Are inter-agency or intra-agency materials that are not:</p> <ul style="list-style-type: none"> • statistical or factual tabulations or data • instructions to staff that affect the public • final agency policy or determinations; or • external audits, including but not limited to audits performed by the comptroller and the federal government <p><input type="checkbox"/> Are trade secrets</p> | <p><input type="checkbox"/> Would endanger the life or safety of any person</p> <p><input type="checkbox"/> Are compiled for law enforcement purposes and which, if disclosed would:</p> <ul style="list-style-type: none"> • interfere with law enforcement investigations or judicial proceedings • deprive a person of the right to a fair trial or impartial adjudication • identify a confidential source or disclose confidential information relating to a criminal investigation, or • reveal criminal investigative techniques or procedures, except routine techniques and procedures <p><input type="checkbox"/> Are computer access codes</p> |
|--|---|

Identification of records withheld (attach listing if additional space is required) and/or explanation if appropriate:

Records Custodian Signature _____ Title _____ Date _____

Inactive Hazardous Waste Site Operations and Maintenance Review Report

Form Date 96.10.01

Site Name: ELLISON BRONZE		Class: 4	Number: 907018
O&M Funding Source: <input type="checkbox"/> State Superfund <input type="checkbox"/> Federal Superfund <input type="checkbox"/> Municipal <input checked="" type="checkbox"/> Responsible Party			
O&M Information: O&M Start: 8/1995 End: On-going Annual Cost: \$ <input type="checkbox"/> Estimated			
Interim Remedial Measures/Operable Units in O&M Phase:			
<input type="checkbox"/> Drum Removal <input type="checkbox"/> Soil Removal <input type="checkbox"/> Tank Removal <input type="checkbox"/> Cap/Cover <input type="checkbox"/> Containment Structure <input type="checkbox"/> Fence/Security <input type="checkbox"/> Groundwater Recovery/Treatment <input type="checkbox"/> Leachate Collection/Treatment <input type="checkbox"/> Vapor Extraction/Treatment <input type="checkbox"/> Air Sparging/Stripper System <input type="checkbox"/> Treatment/Filtration Plant/System <input type="checkbox"/> Potable Water Supply/System <input checked="" type="checkbox"/> Other: Soil solidification/stabilization			
Institutional Controls: <input checked="" type="checkbox"/> Deed Restriction <input type="checkbox"/> Discharge Permit <input type="checkbox"/> Department of Health Sampling			
<input type="checkbox"/> Other:			
O&M Review Information:			
Reports: _____ Quarterly reports initially, now into Annual reporting.			
Inspection: _____ Last done 4/11/2002			
Sampling: _____ Last round was 11/2000 , next sampling due in fall 2002			
Other:			
Conclusions:			
Remedy Effective? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No: explain: _____			
ROD Compliance? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No: explain: _____			
Consent Order Compliance? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No: explain: _____			
Other:			
Recommendations: _____			
Continue site monitoring both visual (annual) and groundwater monitoring (bi-annual)			
ROD/Consent Order Modifications? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (per above) Reclassify the Site? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes → Class:			
Comments: _____			
Project Manager:		Reviewer:	
Signature _____ Date _____		Signature _____ Date _____	
Gerald Pietraszek, Region 9, DER 716/851-7220			
Name Region or Bureau Telephone		Name Region or Bureau Telephone	



**CONESTOGA-ROVERS
& ASSOCIATES**

RECEIVED

NOV 14 2001

NYSDEC - REG. 9
/REL ^{FOIL} UNREL

November 9, 2001

Reference No. 17948

Mr. Gerald F. Pietraszek
New York State Department of Environmental Conservation
270 Michigan Avenue
Buffalo, New York 14203-2999

Dear Mr. Pietraszek:

Re: Annual Report
Ellison Bronze Site, Falconer, New York 907018

This report presents the post remedial activities that have been performed for the Ellison Bronze Site in Falconer, New York. All of the activities performed are as described in the Order on Consent that was signed by Ellison Bronze and the NYSDEC on June 13, 1995.

GENERAL BACKGROUND

The site was remediated between June 26 and August 21, 1995. The remedy consisted of the excavation of approximately 1,400 cubic yards of lead contaminated foundry waste and 60 cubic yards of copper contaminated stream sediment. Confirmatory samples were collected from the base and sidewalls of the excavation to ensure that all impacted material had been removed. The soils samples were compared to the lead criterion of 500 parts per million. Sediment confirmatory samples were compared to a copper criterion of 65 parts per million. The excavated materials were then stabilized by the addition of Portland cement. To ensure that the excavated soil was properly stabilized, samples were collected and submitted for TCLP lead analysis. One sample was collected for every 25 cubic yards of stabilized material. Following receipt of analytical data that demonstrated the stabilized material had achieved the TCLP criterion for lead (0.025 mg/L), the material was placed into the excavation as backfill. All data was reviewed and approved by the NYSDEC prior to backfilling. The sediments were stabilized but did not require the collection of samples of the stabilized material. The stabilized sediments were used as backfill within the soil excavation area.

Following backfilling of all stabilized materials, the area was paved. This consisted of three inches of granular subbase and three inches of asphalt (two inches of binder course and one inch of top coat).

Commencing in November of 1996, and continuing through November of 2000, groundwater samples have been collected from the three on Site wells in accordance with the long term monitoring plan.

DSS *DS*
GFP *9/2*

651 Colby Drive, Waterloo, Ontario, Canada N2V 1C2
Telephone: 519-884-0510 Facsimile: 519-884-0525
www.CRAworld.com

REGISTERED COMPANY
ISO 9001
ENGINEERING DESIGN

Worldwide Engineering, Environmental, Construction, and IT Services



November 9, 2001

2

Reference No. 17948

The purpose of this report is to provide an annual update on the status of the Site and its condition. This report covers the period September 2000 through August 2001.

POST STABILIZATION GROUNDWATER MONITORING

Groundwater sampling was performed on November 20, 2000 in accordance with the Long-Term Monitoring Plan contained in the "Soil/Sediment Stabilization Summary Report, Dowcraft Corporation, Ellison Bronze Site, Falconer, New York". Three monitoring wells were sampled (ESI-1R, ESI-2, and ESI-3).

Purging was continued until sediment-free water was obtained. Sediment-free water was determined by both visual observation and the use of a field turbidimeter. Turbidity values of less than 1 NTU were obtained at all three sampling locations.

Each well was sampled for lead, barium, manganese, and iron. A blind duplicate sample was collected from well ESI-1R. A matrix spike/matrix spike duplicate sample was collected from ESI-2. Table 1 contains the well purging and sampling summary. The samples were placed in a cooler with ice and shipped to Ecology and Environment on November 20, 2000 following chain-of custody procedures. Table 2 presents the 2000 analytical results for the groundwater samples.

The 2000 analytical results for each parameter were below New York State Class GA Groundwater Standards at all locations with the exception of manganese at location ESI-1R. The reported level of manganese, however, is similar to those detected during all four previous sampling events (1996 through 1999) and is less than those reported at the same location during the Remedial Investigation in 1992. The Class GA Groundwater Standards are also presented in Table 2. A historical summary for all sampling rounds is provided in Table 3.

Ellison Bronze has now completed the 5 years of post stabilization monitoring that was required in accordance with the NYSDEC approved long term monitoring plan. In a letter dated June 13, 2001, the NYSDEC has approved a reduced groundwater monitoring plan for the Ellison Bronze Site. The groundwater monitoring plan henceforth will consist of the continued monitoring of the three on Site wells once every two years. Consequently, the next sampling event will occur late in the year 2002. The samples will be analyzed for pH, barium, iron, lead, and manganese.

SITE INSPECTIONS

Personnel from Ellison Bronze have been performing the site inspections of the remediated area to confirm that the area is environmentally sound.



**CONESTOGA-ROVERS
& ASSOCIATES**

November 9, 2001

3

Reference No. 17948

During this year's inspection, the paved areas, grassed areas, and monitoring wells were all found to be in good condition. Some repairs were made to the shoreline areas. This involved the placement of 42 cubic yards of large stone along the Moon Brook shoreline in November 2000 to repair and prevent erosion from the stream bank. All of the other stream bank areas were in good condition.

As stated in the June 13, 2001 letter from the NYSDEC, annual inspections of these areas will continue.

NEXT YEAR'S PLANNED ACTIVITIES

As per the June 13, 2001 NYSDEC letter, there will be no groundwater sampling during the upcoming reporting year. The annual inspection of the Site will be performed and the results of that inspection will be submitted to the NYSDEC.

Should there be any questions, please do not hesitate to contact me at 519-884-0510 or Kim Peterson of Ellison Bronze at 716-665-6522.

Yours truly,

CONESTOGA-ROVERS & ASSOCIATES

James K. Kay

JKK/nm/3

c.c.: Kim Peterson
Harry Nicholson Jr.

TABLE 1

PURGING AND SAMPLING SUMMARY
LONG-TERM MONITORING PROGRAM
DOWCRAFT CORPORATION, ELLISON BRONZE SITE
FALCONER, NEW YORK

<i>Well I.D.</i>	<i>Sample I.D.</i>	<i>Date</i>	<i>Time</i>	<i>Static Water Level (Ft. BTOC)</i>	<i>One Well Volume (Gallons)</i>	<i>Total Volume Purged (Gallons)</i>	<i>Turbidity (NTUs)</i>	<i>Volume/Analysis</i>
ESI-1R	GW-5020-1100-101	11/20/00	1430	9.68	1.0	12.0	0.4	(1)
ESI-1R	GW-5020-1100-102	11/20/00	1330	--	--	--	--	(1) Blind Duplicate of GW-5020-1100-101
ESI-2	GW-5020-1100-103	11/20/00	1500	8.49	1.3	10.0	0.24	2x(1) (MS/MSD)
ESI-3	GW-5020-1100-104	11/20/00	1600	8.53	0.9	10.8	0.43	(1)

Note:

(1) 1x500 mL plastic, Ba, Pb, Mn, and Fe preserved with nitric acid.

TABLE 2

2000 ANALYTICAL DATA SUMMARY
GROUNDWATER SAMPLING
LONG-TERM MONITORING PROGRAM
DOWCRAFT CORPORATION, ELLISON BRONZE SITE
FALCONER, NEW YORK

<i>Parameter</i>	<i>Class GA</i>	<i>ESI-1R/ (Dup.)</i> <i>(mg/L)</i>	<i>ESI-2</i> <i>(mg/L)</i>	<i>ESI-3</i> <i>(mg/L)</i>
	<i>Groundwater</i> <i>Standard</i> <i>(mg/L)</i>			
Total Lead	0.025	ND (0.005)/ND (0.005)	ND (0.005)	ND (0.005)
Total Barium	1.0	0.252/0.259	0.153	0.077
Total Iron	0.3	0.132/0.114	ND (0.050)	0.074
Total Manganese	0.3	3.08/3.13	0.030	ND (0.010)

TABLE 3
 HISTORICAL ANALYTICAL RESULTS SUMMARY
 GROUNDWATER SAMPLING
 LONG-TERM MONITORING PROGRAM
 DOWCRAFT CORPORATION, ELLISON BRONZE SITE
 FALCONER, NEW YORK

<i>Class GA Groundwater Standard (mg/L)</i>		<i>ESI-1R</i>				
		1996	1997	1998	1999	2000
Total Lead	0.025	ND (0.005)/ND (0.005)	ND (0.002)/ND (0.002)	ND (0.003)/ND (0.003)	ND (0.002)/ND (0.002)	ND (0.005)/ND (0.005)
Total Barium	1.0	0.17/0.16	0.177/0.174	0.207/0.206	0.232/0.230	0.252/0.259
Total Iron	0.3	0.15/0.14	ND (0.06)/ND (0.06)	0.115/0.153	0.222/0.175	0.132/0.114
Total Manganese	0.3	2.4/2.4	2.45/2.41	1.81/1.81	2.13/2.13	3.08/3.13

TABLE 3
HISTORICAL ANALYTICAL RESULTS SUMMARY
GROUNDWATER SAMPLING
LONG-TERM MONITORING PROGRAM
DOWCRAFT CORPORATION, ELLISON BRONZE SITE
FALCONER, NEW YORK

	<i>Class GA Groundwater Standard (mg/L)</i>	<i>ESI-2</i>					<i>ESI-3</i>				
		1996	1997	1998	1999	2000	1996	1997	1998	1999	2000
Total Lead	0.025	ND (0.005)	0.003	ND (0.003)	ND (0.002)	ND (0.005)	ND (0.005)	0.003	ND (0.003)	ND (0.002)	ND (0.005)
Total Barium	1.0	0.15	0.159	0.144	0.156	0.153	0.17	0.136	0.113	0.086	0.077
Total Iron	0.3*	0.09	ND (0.06)	ND (0.06)	0.062	ND (0.050)	0.06	ND (0.06)	ND (0.06)	0.079	0.074
Total Manganese	0.3*	0.17	0.086	0.02	0.058	0.030	0.007	ND (0.01)	ND (0.01)	0.005	ND (0.010)

Ellison Bronze Site 907018

TO THE CC: LIST-----PLEASE ADDRESS ALL COMMUNICATION TO ME IN REGARD
TO THE REMEDIATION OF THE 583 ALLEN ST., JAMESTOWN, NY...AND 65 SO. DOW
ST., FALCONER NY SITES.

THAT WOULD BE: JAMESTOWN ALLENCO---%HARRY B. NICHOLSON, JR.---5499
CREST WOOD ROAD; BEMUS POINT, NY 14712-9631. PHONE 716 386-3094.

ALL ELLISON BRONZE CORRESPONDENCE SHOULD BE SENT TO: ~~==KIM PETERSON~~
~~-ELLISON BRONZE CO.--125 WEST MAIN STREET, FALCONER, NY. 14733. PHONE~~
~~716 665 6522, FAX 716 665-5552.~~

THESE ADDRESSES REPLACE DOWCRAFT CORP.---221 LISTER AVE.--FALCONER,
NY 14733.....THANKS, HARRY

Get your FREE download of MSN Explorer at <http://explorer.msn.com>



Ellison Bronze 907018

10-31-00

Moon Brook erosion control

stone in place. looking at west bank of stream.

W253-539 N-1 N 3 0



ELLISON Bronze 9020 18

10-71-00

west bank of Moon Brooke w/ stone in place

9253-539 N-1 N 2 0

DOWCRAFT corporation

Dowcraft Division
221 Lister Ave.
Falconer, NY 14733

DC Rollform Division
221 Lister Ave.
Falconer, NY 14733

Elison Bronze 907018

MR. MARTIN DOSTER/GERALD PIETRASZEK
NEW YORK STATE D.E.C.
270 MICHIGAN AVENUE
BUFFALO, NY 14203-2999

JULY 24, 2001

MR. JIM KAY/CAROL DUNNIGAN
CONESTOGA-ROVERS
2055 NIAGARA FALLS BOULEVARD, STE. 3
NIAGARA FALLS, NY 14304

MS. ALICE J. KRYZAN, ESQ.
HARRIS BEACH LLP
ONE GRIMSBY DRIVE
HAMBURG, NY 14705-3764

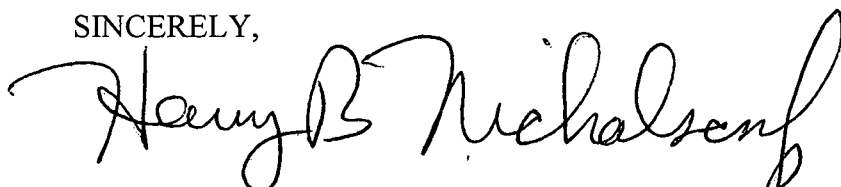
DEAR GROUP:

PLEASE BE ADVISED THAT I HAVE RETIRED FROM DOWCRAFT. PLEASE
ADDRESS ANY FURTHER CORRESPONDENCE AND COMMUNICATION TO:

MR. THOMAS P. BENSON
VICE PRESIDENT & GENERAL MANAGER
DOWCRAFT ARCHITECTURAL INTERIORS
221 LISTER AVE.
FALCONER, NY 14733

IT HAS BEEN A PLEASURE WORKING WITH ALL OF YOU. KATHIE AND I
WILL REMAIN IN THE AREA, EXCEPT DURING SNOW SEASON.

SINCERELY,



HARRY B. NICHOLSON, JR.

RECEIVED

JUL 25 2001

CC: T. P. BENSON

NY9DEC - REG. 9
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REL UNREL

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

APPLICATION FOR ACCESS TO RECORDS

(See Instructions on Reverse Side)

NUMBER

907018

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• TO THE DEPARTMENT OF ENVIRONMENTAL CONSERVATION:

I hereby apply to inspect the following records under the provisions of the Freedom of Information Law:

ELLISON BRONZE SITERODSOIL/SEDIMENT STABILIZATION SUMMARY REPORTFORMER CHEMICAL STORAGE SHED SURFACE AND SUBSURFACE SOILS REMOVAL
PROGRAM - FINAL REPORT

After inspection, should I desire copies of all or part of the records inspected, I will identify the records to be copied and hereby offer to promptly pay the established fees. (Cost of reproduction or 25¢ per page as applicable). Contact me if cost will exceed \$ _____.

Name (Print or type) SHANKAR RAM THYAGARAJAN Telephone No. 645 2839-2508Attention of: DEPT. OF ENVIRONMENTAL ENGINEERINGMailing Address 204 JARVIS HALL, UNIVERSITY AT BUFFALO, NY 14260Signature Shankar Ram Date 06/05/2001R
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• TO THE APPLICANT:

—Records Provided

- ☐ The reproduction costs for the records provided are \$ _____
- ☐ Records have been (partially, fully) provided. (If not fully provided, date when records are expected to be fully provided: _____)

—Records Not Available

- ☐ Records cannot be found after diligent search
- ☐ The Department is not the custodian for records indicated

—Records Denied

I hereby certify that access to the records—or part of the records—circled above has been denied to the applicant for the reason(s) checked below:

- ☐ Specifically exempt by other statute
- ☐ Unwarranted invasion of personal privacy
- ☐ Would impair present or imminent contract awards or collective bargaining negotiations
- ☐ Are examination questions or answers
- ☐ Are inter-agency or intra-agency materials that are not:
- statistical or factual tabulations or data
 - instructions to staff that affect the public
 - final agency policy or determinations; or
 - external audits, including but not limited to audits performed by the comptroller and the federal government
- ☐ Would endanger the life or safety of any person
- ☐ Are compiled for law enforcement purposes and which, if disclosed would:
- interfere with law enforcement investigations or judicial proceedings
 - deprive a person of the right to a fair trial or impartial adjudication
 - identify a confidential source or disclose confidential information relating to a criminal investigation, or
 - reveal criminal investigative techniques or procedures, except routine techniques and procedures
- ☐ Are computer access codes

☐ Are trade secrets

Identification of records withheld (attach listing if additional space is required) and/or explanation if appropriate:

Made 1 copy

Records Custodian Signature

Tina Sample

Title

Date

6/20/01

INSTRUCTIONS

TO APPLICANT: (The completion of this form is voluntary, however, it will facilitate access to records you seek.)

1. Please identify the specific records you wish to inspect under the "applicant" portion of this form, sign in the appropriate place, and give or mail to the ENCON Records Access Officer, NYS Department of Environmental Conservation, 50 Wolf Road, Albany, New York 12233-2751 or the ENCON official who you know has custody of the records you seek.
2. If after inspection you should desire copies, identify to the Records Custodian the specific records to be copied. Make check or money order payable to the New York State Department of Environmental Conservation for copies reproduced by the Department.
3. If you are denied access to records or portions of records, you may submit a written appeal to the General Counsel, Department of Environmental Conservation, 50 Wolf Road, Albany, New York 12233-1500. Such appeal has to be made within 30 days after you receive the denial. For denials of access to records containing trade secrets, such appeal must be made within seven business days of receipt of written notice of the denial of access. Please attach a copy of this form showing the "Records Denied" portion completed when filing your appeal. The ENCON Appeals Officer will evaluate the appeal and respond in writing to you within ten (10) business days after receipt of the appeal.

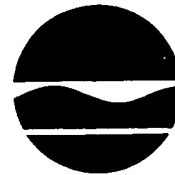
TO ENCON RECORDS CUSTODIAN:

1. Conduct search for records:
 - 1a. If records requested for inspection are not in the custody of the Department—advise the applicant if possible as to the identity and location of the proper custodian agency.
 - 1b. If records are found—determine accessibility (see specifically Policies and Procedures Manual, Section 3364.21).
2. After determination of accessibility:
 - 2a. If accessible—make available to applicant for inspection.
 - 2b. If not accessible—complete "Records Denied" portion of this form, make and retain one copy of completed form, and give original to applicant fully explaining reason for denial.
3. If applicant desires copies—collect total cost from applicant, and make copies, (or arrange with applicant to have copies made with outside vendor and applicant pays vendor). Originals must be returned to Department Records Custodian(s).
4. If you are not able to respond to a request within five (5) business days, acknowledge receipt of the request in writing by the fifth business day and estimate when your final response will be made.


SPECIAL NOTE

See Policies and Procedures Manual (Chapter 3364) for more detailed procedures and guidance.

New York State Department of Environmental Conservation
270 Michigan Avenue, Buffalo, New York 14203-2999
(716) 851-7220



Michael D. Zagata
Commissioner

TO: Robert L. Marino, Chief, Site Control Section
Bureau of Hazardous Site Control
FROM: Gerald F. Pietraszek, DHWR - Region 9 
SUBJECT: Reclassification of Ellison Bronze Company - Class 2 to Class 4
Site # 907018
Chautauqua County
DATE: June 21, 1996

Attached, find the Record of Decision, the Site Investigation Information sheet and the proposed Registry Form which make up the reclassification package for the Ellison Bronze site.

Ellison Bronze, through the Interim Remedial Measure, dated 6/8/95 has met the conditions of the Order on Consent which was issued on 6/13/95. Region 9 proposes reclassification from class 2 to class 4, based on the final alternative of "No Further Action".

attachment:

cc: Martin Doster, HWR
Peter Buechi, HWR
Anders Carlson, DOH- Albany
Cameron O'Connor, DQH

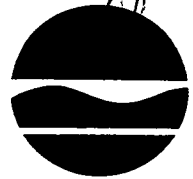
New York State Department of Environmental Conservation

Division of Environmental Remediation, Region 9

270 Michigan Avenue, Buffalo, New York, 14203-2999

Phone: (716) 851-7220 • FAX: (716) 851-7226

Website: www.dec.state.ny.us



John P. Cahill
Commissioner

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June 13, 2001

Mr. Harry Nicholson, Jr.
Chairman & CEO
Dowcraft Corporation
221 Lister Avenue
Falconer, New York 14733

Dear Mr. Nicholson:

Dowcraft Corporation
Ellison Bronze Site # 907018
Long-Term Monitoring

The New York State Department of Environmental Conservation (DEC) has reviewed the Conestoga-Rovers & Associates (CRA) February 23, 2001- letter regarding continued long term groundwater monitoring at the Ellison Bronze Site in Falconer, NY.

The DEC must require that long-term monitoring be continued since Dowcraft has essentially created a landfill. At the time of the remedy selection, the DEC indicated that the site could not be removed from the Registry if treated waste remained on site. Dowcraft nevertheless insisted upon Solidification/Stabilization as a less expensive alternative to waste removal. The DEC determined that once the stabilization was performed, the minimal goal of mitigating the significant threat to the environment was achieved. However, the ultimate goal of restoring the site to pre-release conditions was not achieved. This is reflected in the fact that the site was reclassified to Class 4 which means continued management of the site is necessary. If the site had received a Class 5 classification then no further action would have been required.

Mr. Harry Nicholson, Jr.
June 13, 2001
Page 2

Any method of solidification/stabilization will eventually break down and leach metals to some extent. The question is how long this might take. The waste material failed TCLP testing at 99 ppm and therefore was required to be removed or treated. Unless Dowcraft can show that metals will not leach and impact the environment over the long term, continued monitoring is necessary. This cannot be proven without continued monitoring. The burden of proof remains with Dowcraft to demonstrate that degradation of groundwater quality cannot happen.

Given the nature of the site and the fact that there are only three monitoring wells which need to be sampled for a few metals at a low overall cost, it would be normal for long term sampling to continue, at a minimum, on an annual basis. However, the DEC will allow this site to be maintained by annual inspections of the remediated area with emphasis on the stream banks and will also allow sampling of each of the three groundwater wells once every two years for pH and for the metals, barium, iron, lead, manganese. Reporting on site conditions will be necessary on an annual basis with the report due by the end of August of each year.

If there are any questions, please contact me at 716/851-7220.

Sincerely,



Gerald F. Pietraszek
Project Manager
Environmental Remediation

cc: Mr. Martin Doster, NYSDEC
Ms. Alice Kryzan, Harris, Beech & Wilcox
Mr. James Kay, Conestoga-Rovers Inc.
Mr. Cameron O'Connor, NYSDOH - Buffalo

bcc: Mr. Andrew English, NYSDEC - Albany
Mr. Gerald Rider, NYSDEC - Albany
Mr. Steve Johnson, Chautauqua County Health Department

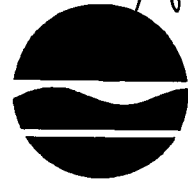
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John P. Cahill
Commissioner

September 28, 2000

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Mr. Harry Nicholson, Jr.
Chairman & CEO
Dowcraft Corporation
221 Lister Avenue
Falconer, New York 14733

Dear Mr. Nicholson:

Ellison Bronze
Site #907018
Falconer (V), Chautauqua County

As part of the Record of Decision for this site, long-term monitoring of the site is to be conducted. This includes monitoring of the physical condition of the property in areas which have been remediated.

I recently inspected the remediated area around the Ellison Bronze facility. The parking lot and grass area around the lot is in good condition. The shoreline along the Chadakoin River and most of Moon Brook is also in good condition. An area which shows considerable erosion is on Moon Brook near the southeast corner of the plant building. The two Jersey barriers which were left in place after the remedial activity was completed have moved down into the creek channel and now erosion of the solidified fill material behind these barriers has begun.

Please inspect this area and let me know your intentions on mitigating this problem. I would expect to hear from you by the middle of October, 2000. If there are any questions, please contact me at 716/851-7220.

Sincerely,

Gerald F. Pietraszek
Project Manager
Environmental Remediation

GFP/tml

cc: Mr. Martin Doster, NYSDEC

REVISION DEADLINE: MARCH 27, 2000**Active Hazardous Waste Disposal Report**

Site Name: Ellison Bronze Company		Site Code: 907018	
Class Code: 4	Region: 9	County: Chautauqua	EPA Id:
Address: 125 West Main Street		City: Falconer	Zip: 14733
Latitude: 42 7' 0" Longitude: 79 12' 2"			
Site Type: Dump		Estimated Size: 2.6 Acres	

Site Owner / Operator Information:			
Current Owner(s) Name:	Dowcraft Corporation		
Current Owner(s) Address:	221 Lister Avenue	Falconer	NY 14733
Owner(s) during disposal:	Ellison Bronze Co.		
Operator(s) during disposal:	Ellison Bronze Co.		
Stated Operator(s) Address:	125 West Main Street	Falconer	NY 14733
Hazardous Waste Disposal Period:	From 1912	To Present	

Site Description:

This site was initially a foundry from 1912 until 1932 when the company changed its focus to commercial door manufacturing which continues today along with some foundry work. The concern was for foundry sand fill under the employee parking lot and along the banks of the Chadakoin River and Moon Brook. The sand failed TCLP for lead at 99 ppm.

A company sponsored Environmental Investigation was conducted in the fall of 1990.

In July 1992, a Remedial Investigation (RI) Summary Report and an Interim Remedial Measure Work Plan were presented to DEC. The IRM proposed to deal with the foundry sand waste and soil at a former storage shed. In April 1993 contaminated soils were removed from the former storage shed area. A soils treatability study was completed in April 1994 relative to the stabilization/solidification of the foundry sands. The IRM relative to the soil/sediment/foundry sand stabilization/solidification was completed in August 1995. A subsequent summary report was approved in February 1996. A Record of Decision was issued in March 1996 and recommended "No further action". Groundwater monitoring continues under the established operations and maintenance program, with annual groundwater sampling for metals.

Confirmed Hazardous Waste Disposal:

Foundry sands with lead (D008 Waste)

Toluene (U220 Waste)

Quantity:

90 cubic yards

9 cubic yards

Analytical Data Available for:	Air	Groundwater	Surface Water	Soil	Sediment
Applicable Standards Exceeded in:	Groundwater				
Geotechnical Information:			Depth to		
Soil/Rock Type: Sand fill over sandy silt and clay silt			Groundwater: 6 to 8 feet		
Legal Action: Type: State Consent Order			Status: Negotiations in Progress		
Remedial Action: Complete			Nature of action: IRM - soil stabilization		

Assessment of Environmental Problems:

The foundry sands containing TCLP lead have been stabilized at this site eliminating the threat of contamination to the nearby Chadakoin River and Moon Brook. In addition, copper contaminated sediments have been removed from these surface water bodies. There are no longer any environmental problems relative to this site. Monitoring will continue.

Assessment of Health Problems:

UPDATES PENDING

New York State Department of Environmental Conservation
270 Michigan Avenue, Buffalo, New York 14203-2999
(716) 851-7220



John P Cahill
Commissioner

March 25, 1999

Alice J. Kryzan, Esq.
Buchanan Ingersoll, P.C.
Attorneys
268 Main Street, Suite 201
Buffalo, New York 14202-4108

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Dear Ms. Kryzan:

The long term monitoring for the Ellison Bronze site has been reviewed from the point of remediation to the present. An inspection of the site was conducted this past fall to check on the remediated area and to inspect the stream banks.

The most recent inspection indicated that there is no problem with the asphalt parking area or the Chadakoin River shoreline area. However, the shoreline along Moon Brooke does show a considerable amount of erosion, particularly close to the Ellison Bronze Building at the "jersey barriers". Solidified fill material is now exposed along much of the shoreline. This area will need to be addressed to prevent further erosion.

Continued groundwater sampling will be required since waste fill is buried on site. New York State Solid Waste regulations require continued monitoring at all sites where solid waste is stored. The monitoring requirements can, however, be minimized by switching from annual sampling to a two year sampling frequency.

Please provide this office with a plan for erosion control measures along the Moon Brooke by the middle of April, 1999 and adjust your groundwater monitoring schedule accordingly. Annual site monitoring of site conditions will remain in effect.

If you have any questions, please contact me at 716-851-7220.

Sincerely,

Gerald F. Pietraszek
Project Engineer
Division of Hazardous Waste Remediation
Region 9

cc: Mr. Martin Doster, New York State Department of Environmental Conservation
Mr. James Charles, New York State Department of Environmental Conservation
Mr. Cameron O'Connor, New York State Department of Health

Inactive Hazardous Waste Site Operations and Maintenance Review Report

Form Date 96.10.01

[illegible]

CONTACT US: SITE MAP: AP/WIRE: **THE BUFFALO NEWS** **CITY & REGION** NEWS LIBRARY CLASSIFIED DEATHS

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JAMESTOWN

IDA approves financing for plant buyout

By NORMA BRAUDE
Chautauqua Correspondent
3/22/01

907018

JAMESTOWN - A financing package for a local buyout of the Ellison Bronze Co., a division of Dowcraft Corp., was approved Wednesday by the board of directors of the Chautauqua County Industrial Development Agency.

Management, employees and investors will participate in the \$2.5 million project. The company, at 125 W. Main St., has 53 employees and is expected to add two, according to the agency.

M&T Bank is providing \$1.5 million for the project, and the board approved a \$300,000 loan from the AL Tech Revolving Loan Fund for real estate financing. The terms are seven years at 5 percent. The loan also must be approved by the Job Development Authority. The remaining \$700,000 will come from the management and shop-floor workers. No one will own more than 16 percent, the agency said.

"The management and employees want to keep local ownership of the company and keep local jobs," said company CEO Kevin Peterson.

The company manufactures top-of-the-line balanced bronze, stainless steel and aluminum doors, which can be found at the Smithsonian Institution and the Washington Monument in Washington, D.C., the St. Louis Arch in Missouri and the Getty Museum in California.

In other business, the board:

- Approved the necessary documents for the state Department of Environmental Conservation to reimburse the agency for \$50,000 spent at the Barcelona Harbor in Westfield. The harbor is being re-established as a recreational port.
- Heard a presentation by Tom Turner of Turner Real Estate, Jamestown, who is working on a recruiting package for corporate relocation to the county. He will be working with the Chautauqua Vacationlands Bureau and members of the IDA board.
- Heard Richard Alexander, administrative director, discuss the Linden Avenue project in the Town of Ellicott. The road, water and sewer service is to be upgraded for the expansion of the plants there. One plant is also being changed from a warehouse to a manufacturing facility. Half of the \$858,000 cost will be paid by the business owners in the area and the other half with government loans and grants.

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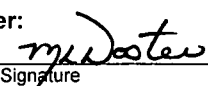


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Inactive Hazardous Waste Site Operations and Maintenance Review Report

Form Date 96.10.01

Site Name: Ellison Bronze Site		Class: 4	Number: 907018
O&M Funding Source: <input type="checkbox"/> State Superfund <input type="checkbox"/> Federal Superfund <input type="checkbox"/> Municipal <input type="checkbox"/> Responsible Party			
O&M Information:		O&M Start: 7/95	End: Present Annual Cost: \$ 150 <input checked="" type="checkbox"/> Estimated
Interim Remedial Measures/Operable Units in O&M Phase:			
<input type="checkbox"/> Drum Removal <input checked="" type="checkbox"/> Soil Stabilization/Solidification <input type="checkbox"/> Tank Removal <input type="checkbox"/> Cap/Cover <input type="checkbox"/> Containment Structure <input type="checkbox"/> Fence/Security <input type="checkbox"/> Groundwater Recovery/Treatment <input type="checkbox"/> Leachate Collection/Treatment <input type="checkbox"/> Vapor Extraction/Treatment <input type="checkbox"/> Air Sparging/Stripper System <input type="checkbox"/> Treatment/Filtration Plant/System <input type="checkbox"/> Potable Water Supply/System <input checked="" type="checkbox"/> Other: Stream bank erosion control and parking lot maintenance.			
Institutional Controls: <input type="checkbox"/> Deed Restriction <input type="checkbox"/> Discharge Permit <input type="checkbox"/> Department of Health Sampling			
<input type="checkbox"/> Other:			
O&M Review Information:			
Reports: Letter report 3/13/2000 Groundwater sampling			
Inspection: 9/18/2000			
Sampling: Annual for metals			
Other:			
Conclusions:			
Remedy Effective? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No: explain: _____			
ROD Compliance? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No: explain: _____			
Consent Order Compliance? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No: explain: _____			
Other:			
Recommendations:			
Continued annual LTM for metals in overburden groundwater			
ROD/Consent Order Modifications? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (per above) Reclassify the Site? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes → Class:			
Comments:			
PRP is resisting continued LTM groundwater sampling. Discussions to follow with PRP.			
Project Manager:		Reviewer:	
 Signature		 Signature	
3/15/01 Date		3/16/01 Date	
Gerald Pietraszek Region 9 716/851-7220			
Name Region or Bureau Telephone		Name Region or Bureau Telephone	

From: James Charles
To: Kryzan, Alice
Date: 1/18/01 4:53PM
Subject: Dowcraft/Ellison Bronze - 907018

Alice:

The Deed dated May 10, 1999 conveying the Dowcraft site to Jamestown Container Corporation contains sufficient notice to satisfy the requirements of Paragraph XI of the Dowcraft Order INDEX # B9-500-96-08.

As to the Ellison Bronze Site, the long term monitoring requirements noted in Gerry Pietraszek's March 25, 1999 letter to you are not only required by the Solid Waste regulations but are also required by the Order's Work Plan. See Section 6 of the "Soil/Sediment Stabilization Summary Report" dated January 1996 submitted per the Order's Work Plan entitled "Work Plan for Soil Stabilization Dowcraft Corporation Ellison Bronze Site." Accordingly, Notice of Order B9-0429-93-04 must be filed in accordance with the requirements of the Order's Subparagraph XI.A. A filing containing notice similar to the above deed's notice will suffice.

CC: Pietraszek, Gerald



NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

APPLICATION FOR ACCESS TO RECORDS

(See Instructions on Reverse Side)

NUMBER

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• TO THE DEPARTMENT OF ENVIRONMENTAL CONSERVATION:

I hereby apply to inspect the following records under the provisions of the Freedom of Information Law:

Fingertall Rand Site - Site Code 907019
Ellison Brass Site - Site Code 907018

After inspection, should I desire copies of all or part of the records inspected, I will identify the records to be copied and hereby offer to promptly pay the established fees. (Cost of reproduction or 25¢ per page as applicable). Contact me if cost will exceed \$ 25.

Name (Print or type) Norman Wohla Baugh Telephone No. 716-215-0650

Attention of: same

Mailing Address Goldier Associates, 2221 Niagara Falls Blvd, N. Falls

Signature NK Wohla Baugh Date 11/28/00

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• TO THE APPLICANT:

—Records Provided

- ☐ The reproduction costs for the records provided are \$ _____
- ☐ Records have been (partially, fully) provided. (If not fully provided, date when records are expected to be fully provided: _____)

—Records Not Available

- ☐ Records cannot be found after diligent search
- ☐ The Department is not the custodian for records indicated

—Records Denied

I hereby certify that access to the records—or part of the records—circled above has been denied to the applicant for the reason(s) checked below:

- | | |
|---|--|
| <input type="checkbox"/> Specifically exempt by other statute
<input type="checkbox"/> Unwarranted invasion of personal privacy
<input type="checkbox"/> Would impair present or imminent contract awards or collective bargaining negotiations
<input type="checkbox"/> Are examination questions or answers
<input type="checkbox"/> Are inter-agency or intra-agency materials that are not: <ul style="list-style-type: none"> • statistical or factual tabulations or data • instructions to staff that affect the public • final agency policy or determinations; or • external audits, including but not limited to audits performed by the comptroller and the federal government | <input type="checkbox"/> Would endanger the life or safety of any person
<input type="checkbox"/> Are compiled for law enforcement purposes and which, if disclosed would: <ul style="list-style-type: none"> • interfere with law enforcement investigations or judicial proceedings • deprive a person of the right to a fair trial or impartial adjudication • identify a confidential source or disclose confidential information relating to a criminal investigation, or • reveal criminal investigative techniques or procedures, except routine techniques and procedures |
|---|--|
- ☐ Are computer access codes

☐ Are trade secrets

Identification of records withheld (attach listing if additional space is required) and/or explanation if appropriate:

Records Custodian Signature

Jaspal Walia

Title

Env. Eng. II

Date

11/29/00

Sending copies out.

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Phone: (716) 851-7220 • FAX: (716) 851-7226
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mes/ful



John P. Cahill
Commissioner

February 7, 2001

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Mr. Harry Nicholson, Jr.
Chairman & CEO
Dowcraft Corporation
221 Lister Avenue
Falconer, New York 14733

Dear Mr. Nicholson:

Dowcraft Corporation
Ellison Bronze Site # 907018
Long-term Monitoring

The New York State Department of Environmental Conservation (NYSDEC) has reviewed the letter from Conestoga-Rovers & Associates (CRA) dated January 19, 2001 regarding the groundwater sampling conducted in November 2000.

One comment regarding the data presented pertains to Table 1 in the letter. The Turbidity units appear to be incorrectly printed. These units are never below 1 NTU which indicates that the decimal point likely was misplaced. Please have CRA correct this and submit a revised Table 1.

At the end of the letter, you are requesting that the site be delisted from the Registry of Inactive Hazardous Waste Sites. Unfortunately, since waste still remains at the site, even in a stabilized state, the site cannot be removed from the Registry. If the wastes were removed from the site, then a delisting could occur. As seen in the past year, stream bank erosion can be a problem which needs to be monitored and corrected when necessary. As it stands, long-term monitoring will be necessary as previously stated in past discussions. The site will still need monitoring of the parking lot area, the stream banks, and the wells. An annual sampling from each well, for the metals currently being monitored, will be necessary. All monitoring and sampling results are to be forwarded to this office on an annual basis.

Mr. Harry Nicholson, Jr.
February 7, 2001
Page 2

If there are any questions, please contact me at 716/851-7220.

Sincerely,

A handwritten signature in cursive script, appearing to read "Gerald F. Pietraszek".

Gerald F. Pietraszek
Project Manager
Environmental Remediation

cc: Mr. Martin Doster, NYSDEC
Ms. Alice Kryzan, Harris, Beech & Wilcox
Mr. James Kay, Conestoga-Rovers Inc.
Mr. Cameron O'Connor, NYSDOH - Buffalo

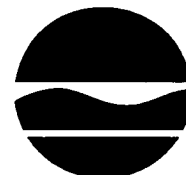
bcc: Mr. Andrew English, NYSDEC - Albany
Mr. Gerald Rider, NYSDEC - Albany
Mr. Steve Johnson, Chautauqua County Health Department

New York State Department of Environmental Conservation

Division of Environmental Remediation, Region 9

270 Michigan Avenue, Buffalo, New York, 14203-2999

Phone: (716) 851-7220 FAX: (716) 851-7226



John P. Cahill
Commissioner

MEMORANDUM

TO: File

FROM: Gerald Pietraszek, DER - Region 9 *GP*

SUBJECT: Site Visits for Annual O & M

DATE: October 31, 2000

On October 31, 2000, Mr. David Szymanski and myself visited the following sites to inspect them as part of the annual O & M activities and for reporting purposes.

Dunkirk Landfill	907003
Pelican Manufacturing	907010
Jamestown City Landfill	907009
Dowcraft - South Dow St.	907020
Ellison Bronze	907018
Machias Gravel Pit	905013
Prestolite Plant Site	961009

Dunkirk Landfill 907003

10:00 AM, heavy brush over entire site, bike and motorcycle trails, drainage around perimeter of site on west side is clear running water, no oil stains in water. Monitoring wells were not inspected. No one at site. Access somewhat restricted. There is access from the adjacent property owner which appears to be used for pass through.

Pelican Manufacturing 907010

10:30 AM, SVE system not operating, grass is cut neatly, rear man gate unlocked, front southern vehicle gate locked, the building is accessible, rear garage door windows are out, no one at site.

Jamestown City Landfill 907009

10:45 AM, General appearance of landfill is the same except for dumping of asphalt, concrete and stone within the north central portion of the park area. Inspected the recent 8" gas transmission line installation along the west side of the landfill. Looked at the southwest portion of the gas line installation. Good job of regrading. No problems indicated.

Dowcraft - S. Dow Street 907020

11:05 AM, The monitoring wells need protection. Some are being buried and are just below grade. ESI-1 or ESI-7 needs to have a bollard installed to protect it from the traffic which now is running over it. There are 4-5 drums of development water at the site which need removal.

Ellison Bronze 907018

11:20 AM, Washed, heavy gravel, cobbles were placed on the west bank of Moon Brook, close to the building, for erosion control measures. The stone filled down to the "jersey" barriers which are just into the water. The work appears adequate to control erosion in this area. The remainder of the site looks good. The guide rail is still down where the stone was recently placed.

Machias Gravel Pit 905013

2:00 PM, SVE system is now turned off. It had been pulsed for the past year. Site is overgrown with weeds and the SVE and sparging lines are in deteriorating condition. The gate is not locked but the site is fully fenced. No one at site.

Prestolite Plant Site 961009

2:30 PM, Rear area inspected. Grass is cut. Area looks good. Driveway to treatment building in good condition. Cemetery Creek banks in good condition. No signs of erosion in any areas of site or creek. MW 2 & 2A need painting. MW # 6 is difficult to access because of the fence. No problems noted at site.

DOWCRAFT
corporation

RECEIVED

OCT 16 2000

NYSDEC - REG. 9
✓REL FOIL UNREL

Dowcraft Division
221 Lister Avenue
Falconer, NY 14733

Ellison Bronze Division
125 W. Main Street
Falconer, NY 14733

D.C. Rollform Division
221 Lister Avenue
Falconer, NY 14733

Mr. Gerald F. Pietraszek
Project Manager Environmental Remediation
New York State DEC
270 Michigan Avenue
Buffalo, New York, 14203-2999

September 13, 2000

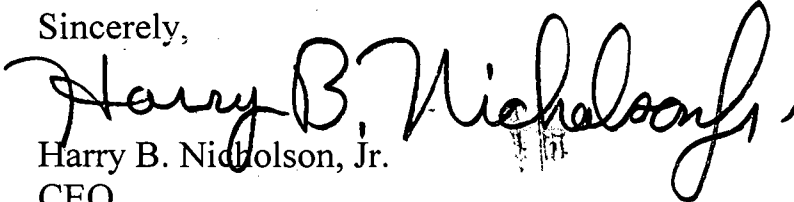
Dear Mr. Pietraszek:

Re: Ellison Bronze Site #907018

Thanks for your letter of September 28th regarding the Moon Brook shoreline near the southeast corner of the plant building.

We are pleased to inform you that we shored up that area with several loads of stone which extends from the top of the bank down to the Jersey barriers. The work was completed today. If you do any inspections of this area, I invite you to contact any of the Ellison people on this copy list, while there, to discuss the project site. Ofcourse, contact me anytime.

Sincerely,


Harry B. Nicholson, Jr.
CEO

Cc: Mr. Martin Doster, NYSDEC
Mr. Jim Kay, Conestoga-Rovers
Mr. Fran Dexter, Ellison
Mr. Kim Peterson, Ellison

GFP GA**Onestoga-Rovers & Associates**651 Colby Drive
Waterloo, Ontario, Canada N2V 1C2(519) 884-0510 Colby Office (519) 884-0525 Fax
(519) 725-3313 Bathurst Office (519) 725-1394 Fax

March 13, 2000

Reference No. 5020
RECEIVED

MAR 15 2000

NYSDEC - REC
FOIL
✓REL UNREL

Mr. Gerald F. Pietraszek
New York State Department of Environmental Conservation
270 Michigan Avenue
Buffalo, New York 14203-2999

Dear Mr. Pietraszek:

Re: Groundwater Sampling
Long-Term Monitoring Plan
Dowcraft Corporation, Ellison Bronze Site, Falconer, New York

907018

Groundwater sampling was performed on November 24, 1999 in accordance with the Long-Term Monitoring Plan contained in the "Soil/Sediment Stabilization Summary Report, Dowcraft Corporation, Ellison Bronze Site, Falconer, New York". Three monitoring wells were sampled (ESI-1R, ESI-2, and ESI-3).

Purging was continued until sediment-free water was obtained. Sediment-free water was determined by both visual observation and the use of a field turbidimeter. Turbidity values of less than 1 NTU were obtained at all three sampling locations.

Pursuant to the February 21, 1996 letter from the NYSDEC to Dowcraft Corporation which approved the "Soil/Sediment Stabilization Summary Report", each well was sampled for lead, barium, manganese, and iron. A blind duplicate sample was collected from well ESI-1R. A matrix spike/matrix spike duplicate (MS/MSD) sample was collected from ESI-2. Table 1 contains the well purging and sampling summary. The samples were placed in a cooler with ice and delivered to Advanced Environmental Services on November 24, 1999 following chain-of-custody procedures. Table 2 presents the 1999 analytical results for the groundwater samples.

The 1998 analytical results for each parameter were below New York State Class GA Groundwater Standards at all locations with the exception of manganese at location ESI-1R. The reported level of manganese however, is similar to those detected during the 1996 and 1997 sampling events and is less than those reported at the same location during the Remedial Investigation in 1992. The Class GA Groundwater Standards are also presented in Table 2. A historical summary for all sampling rounds is provided in Table 3.

March 13, 2000

Reference No. 5020

- 2 -

Should you have any questions or require additional information, please do not hesitate to contact the undersigned at (519) 725-3313.

Yours very truly,

CONESTOGA-ROVERS & ASSOCIATES



Drew Stoltz

DAS/cf/8
Encl.

c.c. Harry Nicholson, Jr., Dowcraft
Marne Smith, Dowcraft
Alice Kryzan, Buchanan Ingersoll-Buffalo
Jim Kay, CRA

TABLE 1
PURGING AND SAMPLING SUMMARY
LONG-TERM MONITORING PROGRAM
DOWCRAFT CORPORATION, ELLISON BRONZE SITE
FALCONER, NEW YORK

<i>Well I.D.</i>	<i>Sample I.D.</i>	<i>Date</i>	<i>Time</i>	<i>Static Water Level (Ft. BTOC)</i>	<i>One Well Volume (Gallons)</i>	<i>Total Volume Purged (Gallons)</i>	<i>Turbidity (NTUs)</i>	<i>Volume/Analysis</i>
ESI-1R	GW-5020-1199-001	11/24/99	930	9.02	1.0	11.0	0.91	(1)
ESI-1R	GW-5020-1199-002	11/24/99	1600	--	--	--	--	(1) Blind Duplicate of GW-5020-1199-001
ESI-2	GW-5020-1199-003	11/24/99	1015	8.10	1.3	14.3	0.25	2x(1) (MS/MSD)
ESI-3	GW-5020-1199-004	11/24/99	1100	8.32	0.9	17.0	0.95	(1)

Note:

(1) 1x500 mL plastic, Ba, Pb, Mn, and Fe preserved with nitric acid.

TABLE 2

1999 ANALYTICAL DATA SUMMARY
GROUNDWATER SAMPLING
LONG-TERM MONITORING PROGRAM
DOWCRAFT CORPORATION, ELLISON BRONZE SITE
FALCONER, NEW YORK

<i>Parameter</i>	<i>Class GA</i>	<i>ESI-1R/ (Dup.)</i> <i>(mg/L)</i>	<i>ESI-2</i> <i>(mg/L)</i>	<i>ESI-3</i> <i>(mg/L)</i>
	<i>Groundwater</i> <i>Standard</i> <i>(mg/L)</i>			
Total Lead	0.025	ND (0.002)/ND (0.002)	ND (0.002)	ND (0.002)
Total Barium	1.0	0.232/0.230	0.156	0.086
Total Iron	0.3*	0.222/0.175	0.062	0.079
Total Manganese	0.3*	2.13/2.13	0.058	0.005

Notes:

* "This substance did not receive a review beyond determining that it is in a principal organic contaminant class and that it does not have a more stringent specific MCL. A more in-depth review, currently underway, could lead to a more (but not less) stringent guidance value."

Ambient Water Quality Standards and Guidance Values, New York State
Department of Environmental Conservation, Division of Water, Albany, New York,
October 1993.

TABLE 3
HISTORICAL ANALYTICAL RESULTS SUMMARY
GROUNDWATER SAMPLING
LONG-TERM MONITORING PROGRAM
DOWCRAFT CORPORATION, ELLISON BRONZE
FALCONER, NEW YORK

	Class GA Groundwater Standard (mg/L)	ESI-1R			
		1996	1997	1998	1999
Total Lead	0.025	ND (0.005)/ND (0.005)	ND (0.002)/ND (0.002)	ND (0.003)/ND (0.003)	ND (0.002)/ND (0.002)
Total Barium	1.0	0.17/0.16	0.177/0.174	0.207/0.206	0.232/0.230
Total Iron	0.3*	0.15/0.14	ND (0.06)/ND (0.06)	0.115/0.153	0.222/0.175
Total Manganese	0.3*	2.4/2.4	2.45/2.41	1.81/1.81	2.13/2.13

Notes:

* "This substance did not receive a review beyond determining that it is in a principal organic contaminant class and that it does not have a more stringent specific MCL. A more in-depth review, currently underway, could lead to a more (but not less) stringent guidance value."

Ambient Water Quality Standards and Guidance Values, New York State
Department of Environmental Conservation, Division of Water, Albany, New York,
October 1993.

TABLE 3

HISTORICAL ANALYTICAL RESULTS SUMMARY
GROUNDWATER SAMPLING
LONG-TERM MONITORING PROGRAM
DOWCRAFT CORPORATION, ELLISON BRONZE
FALCONER, NEW YORK

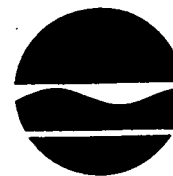
	Class GA Groundwater Standard (mg/L)	ESI-2				ESI-3			
		1996	1997	1998	1999	1996	1997	1998	1999
Total Lead	0.025	ND (0.005)	0.003	ND (0.003)	ND (0.002)	ND (0.005)	0.003	ND (0.003)	ND (0.002)
Total Barium	1.0	0.15	0.159	0.144	0.156	0.17	0.136	0.113	0.086
Total Iron	0.3*	0.09	ND (0.06)	ND (0.06)	0.062	0.06	ND (0.06)	ND (0.06)	0.079
Total Manganese	0.3*	0.17	0.086	0.02	0.058	0.007	ND (0.01)	ND (0.01)	0.005

Notes:

* "This substance did not receive a review beyond determining that it is in a principal organic contaminant class and that it does not have a more stringent specific MCL. A more in-depth review, currently underway, could lead to a more (but not less) stringent guidance value."

Ambient Water Quality Standards and Guidance Values, New York State
Department of Environmental Conservation, Division of Water, Albany, New York,
October 1993.

New York State Department of Environmental Conservation
270 Michigan Avenue, Buffalo, New York 14203-2999
(716) 851-7220



John P Cahill
Commissioner

March 25, 1999

Alice J. Kryzan, Esq.
Buchanan Ingersoll, P.C.
Attorneys
268 Main Street, Suite 201
Buffalo, New York 14202-4108

Dear Ms. Kryzan:

The long term monitoring for the Ellison Bronze site has been reviewed from the point of remediation to the present. An inspection of the site was conducted this past fall to check on the remediated area and to inspect the stream banks.

The most recent inspection indicated that there is no problem with the asphalt parking area or the Chadakoin River shoreline area. However, the shoreline along Moon Brooke does show a considerable amount of erosion, particularly close to the Ellison Bronze Building at the "jersey barriers". Solidified fill material is now exposed along much of the shoreline. This area will need to be addressed to prevent further erosion.

Continued groundwater sampling will be required since waste fill is buried on site. New York State Solid Waste regulations require continued monitoring at all sites where solid waste is stored. The monitoring requirements can, however, be minimized by switching from annual sampling to a two year sampling frequency.

Please provide this office with a plan for erosion control measures along the Moon Brooke by the middle of April, 1999 and adjust your groundwater monitoring schedule accordingly. Annual site monitoring of site conditions will remain in effect.

If you have any questions, please contact me at 716-851-7220.

Sincerely,

Gerald F. Pietraszek
Project Engineer
Division of Hazardous Waste Remediation
Region 9

cc: Mr. Martin Doster, New York State Department of Environmental Conservation
Mr. James Charles, New York State Department of Environmental Conservation
Mr. Cameron O'Connor, New York State Department of Health



Conestoga-Rovers & Associates
651 Colby Drive
Waterloo, Ontario N2V 1C2
(519) 884-0510 Office (519) 884-0525 Fax

October 2, 1998

Reference No. 5020

Mr. Gerald F. Pietraszek
New York State Department of
Environmental Conservation
270 Michigan Avenue
Buffalo, New York 14203-2999

Dear Mr. Pietraszek:

Re: Groundwater Sampling >
Long-Term Monitoring Plan
Dowcraft Corporation
Ellison Bronze Site, Falconer, New York #907018

On behalf of Dowcraft Corporation, Conestoga-Rovers & Associates apologizes for the delay in forwarding the analytical data from the 1997 annual groundwater sampling event.

Groundwater sampling was performed on December 4, 1997 in accordance with the Long-Term Monitoring Plan contained in the "Soil/Sediment Stabilization Summary Report, Dowcraft Corporation, Ellison Bronze Site, Falconer, New York". Three monitoring wells were sampled (ESI-1R, ESI-2, and ESI-3). Each well was purged of approximately ten well volumes using low rate pumping with peristaltic pumps.

Purging was continued until sediment-free water was obtained. Sediment-free water was determined by both visual observation and the use of a field turbidimeter. Water was deemed to be sediment-free when the measured turbidity was less than 5 NTUs.

Pursuant to the February 21, 1996 letter from the NYSDEC to Dowcraft Corporation which approved the "Soil/Sediment Stabilization Summary Report", each well was sampled for lead, barium, manganese, and iron. A blind duplicate sample was collected from well ESI-1R. A matrix spike/matrix spike duplicate (MS/MSD) sample was collected from ESI-2. Table 1 contains the well purging and sampling summary. The samples were placed in a cooler with ice and delivered to Advanced Environmental Services on December 4, 1997 following chain of custody procedures. Table 2 presents the analytical results for the groundwater samples.

The analytical results for each parameter were below New York State Class GA Groundwater Standards at all locations with the exception of manganese at location ESI-1R. The reported level of manganese however, is similar to those detected during the 1996 sampling event and less than those reported at the same location during the Remedial Investigation in 1992. The Class GA Groundwater Standards are also presented on Table 2.

Conestoga-Rovers & Associates

October 2, 1998

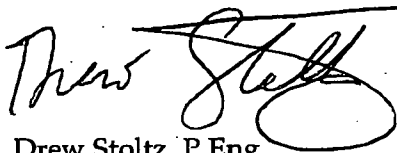
Reference No. 5020

- 2 -

The next groundwater sampling event is scheduled for November 1998. Should you have any questions or require additional information, please do not hesitate to contact the undersigned at 519-884-0510.

Yours very truly,

CONESTOGA-ROVERS & ASSOCIATES



Drew Stoltz, P.Eng.

DAS/cm/5

Encl.

c.c. Harry Nicholson, Jr., Dowcraft
Marne Smith, Dowcraft
Alice J. Kryzan, Buchanan Ingersoll-Buffalo
Jim Kay, CRA

TABLE 1

**PURGING AND SAMPLING SUMMARY
LONG-TERM MONITORING PROGRAM
DOWCRAFT CORPORATION, ELLISON BRONZE SITE
FALCONER, NEW YORK**

<i>Well I.D.</i>	<i>Sample I.D.</i>	<i>Date</i>	<i>Time</i>	<i>Static Water Level (Ft. BTOC)</i>	<i>One Well Volume (Gallons)</i>	<i>Total Volume Purged (Gallons)</i>	<i>Turbidity (NTUs)</i>	<i>Volume/Analysis</i>
ESI-1R	GW-5020-120497-001	12/4/97	1100	8.89	1.1	9.9	0.69	(1)
ESI-1R	GW-5020-120497-004	12/4/97	1145	—	—	—	—	(1) Blind Duplicate of GW-5020-120497-001
ESI-2	GW-5020-120497-002	12/4/97	1045	7.79	1.3	10.4	0.42	3x(1) (MS/MSD)
ESI-3	GW-5020-120497-003	12/4/97	935	7.44	1.05	12.1	0.8	(1)

Note:

(1) 1x500 mL plastic, Ba, Pb, Mn, and Fe preserved with nitric acid.

TABLE 2

ANALYTICAL DATA SUMMARY
GROUNDWATER SAMPLING
LONG-TERM MONITORING PROGRAM
DOWCRAFT CORPORATION, ELLISON BRONZE SITE
FALCONER, NEW YORK

<i>Parameter</i>	<i>Class GA Groundwater Standard (mg/L)</i>	<i>ESI-1R/ (Dup.) (mg/L)</i>	<i>ESI-2 (mg/L)</i>	<i>ESI-3 (mg/L)</i>
Total Lead	0.025	ND(0.002)/0.002	0.003	0.003
Total Barium	1.0	0.177/0.174	0.159	0.136
Total Iron	0.3*	ND(0.06)/ND(0.06)	ND(0.06)	ND(0.06)
Total Manganese	0.3*	2.45/2.41	0.086	ND(0.01)

Note:

* "This substance did not receive a review beyond determining that it is in a principal organic contaminant class and that it does not have a more stringent specific MCL. A more in-depth review, currently underway, could lead to a more (but not less) stringent guidance value."

Ambient Water Quality Standards and Guidance Values, New York State
Department of Environmental Conservation, Division of Water, Albany, New York,
October 1993.

Site Name: Ellison Bronze,		Chautauqua County - Region9		Class: 4		Number: 907018	
O&M Funding Source:		<input type="checkbox"/> State Superfund		<input type="checkbox"/> Federal Superfund		<input type="checkbox"/> Municipal <input checked="" type="checkbox"/> Responsible Party	
O&M Information:		O&M Start: June 1995		End: *		Annual Cost: \$2000.00 <input checked="" type="checkbox"/> Estimated	
Interim Remedial Measures/Operable Units in O&M Phase:							
<input type="checkbox"/> Drum Removal		<input checked="" type="checkbox"/> Soil Removal		<input type="checkbox"/> Tank Removal			
<input checked="" type="checkbox"/> Cap/Cover (asphalt)		<input type="checkbox"/> Containment Structure		<input type="checkbox"/> Fence/Security			
<input type="checkbox"/> Groundwater Recovery/Treatment		<input type="checkbox"/> Leachate Collection/Treatment		<input type="checkbox"/> Vapor Extraction/Treatment			
<input type="checkbox"/> Air Sparging/Stripper System		<input type="checkbox"/> Treatment/Filtration Plant/System		<input type="checkbox"/> Potable Water Supply/System			
<input checked="" type="checkbox"/> Other: Soil stabilization & sediment stabilization.							
Institutional Controls:		<input checked="" type="checkbox"/> Deed Restriction		<input type="checkbox"/> Discharge Permit		<input type="checkbox"/> Department of Health Sampling	
<input type="checkbox"/> Other:							
O&M Review Information:							
Reports: <u>January 17, 1997 - Groundwater Sampling (Ref 5020)</u>							
<u>January 1998 - Groundwater Sampling done.</u>							
Inspection: <u>Site inspection done during month of July.</u>							
Sampling: <u>Per above report.</u>							
Other:							
Conclusions:							
Remedy Effective? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No:							
ROD Compliance? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No:							
Consent Order Compliance? <input type="checkbox"/> Yes <input type="checkbox"/> No: <u>NA</u>							
Other: <u>NA</u>							
Recommendations:							
<u>Need shoreline erosion control along west shore of Moon Brook. The company will be notified.</u>							
ROD/Consent Order Modifications? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (per above)							
Reclassify the Site? <input type="checkbox"/> No <input type="checkbox"/> Yes → Class:							
Comments:							
<u>Overall condition of the site is good.</u>							
Project Manager: <u>Gerald F. Pietraszek</u>				Reviewer: <u>Mr. Dotin</u>			
Signature				Signature			
Date: <u>09/25/98</u>				Date: <u>10/15/98</u>			
Name: <u>Gerald F. Pietraszek</u>				Name: <u>Mr. Dotin</u>			
Region or Bureau: <u>Reg.9 DER</u>				Region or Bureau: <u>Reg.9 DER</u>			
Telephone: <u>716-851-7220</u>				Telephone: <u>716-851-7220</u>			



→ FILE
GFP
DSS
Conestoga-Rovers & Associates
651 Colby Drive
Waterloo, Ontario N2V 1C2
(519) 884-0510 Office (519) 884-0525 Fax

October 2, 1998

Reference No. 5020

Mr. Gerald F. Pietraszek
New York State Department of
Environmental Conservation
270 Michigan Avenue
Buffalo, New York 14203-2999

RECEIVED

OCT 06 1998

NYSDEC - REG. 9
FOIL
REL UNREL

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Re: Groundwater Sampling
Long-Term Monitoring Plan
Dowcraft Corporation
Ellison Bronze Site, Falconer, New York

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October 2, 1998

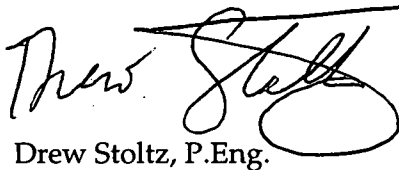
Reference No. 5020

- 2 -

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Yours very truly,

CONESTOGA-ROVERS & ASSOCIATES



Drew Stoltz, P.Eng.

DAS/cm/5
Encl.

c.c. Harry Nicholson, Jr., Dowcraft
Marne Smith, Dowcraft
Alice J. Kryzan, Buchanan Ingersoll-Buffalo
Jim Kay, CRA

TABLE 1

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LONG-TERM MONITORING PROGRAM
DOWCRAFT CORPORATION, ELLISON BRONZE SITE
FALCONER, NEW YORK

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Note:

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TABLE 2

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LONG-TERM MONITORING PROGRAM
DOWCRAFT CORPORATION, ELLISON BRONZE SITE
FALCONER, NEW YORK

<i>Parameter</i>	<i>Class GA Groundwater Standard (mg/L)</i>	<i>ESI-1R/ (Dup.) (mg/L)</i>	<i>ESI-2 (mg/L)</i>	<i>ESI-3 (mg/L)</i>
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Note:

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Ambient Water Quality Standards and Guidance Values, New York State
Department of Environmental Conservation, Division of Water, Albany, New York,
October 1993.



New York State Department of Environmental Conservation

MEMORANDUM

RECEIVED

JUL 18 1997

TO: Martin Doster, Regional Hazardous Waste Engineer, Region Nine
FROM: Gerald J. Rider, Jr., Chief, Operation and Maintenance Section, BHSC, DER
SUBJECT: O&M Review Report - Reminder Notice for June 1997

NYSDEC-REG. 9
FOIL
REL UNREL

Gerald J. Rider, Jr.

DATE: July 14, 1997

This memorandum is to remind you that the following O&M Review Report(s) were due for the previous month:

905013	Machias Gravel Pit
905019	Terwilliger Excavation
907018	Ellison Bronze Company
915124	Diarsenol Co., Kingsley Park

If you need assistance completing the O&M Review please contact Ben Loredo at 457-0927.

cc: T. Quinn
E. Barcomb
G. Pietraszak, Reg. 9
D. Locey, Reg. 9
B. Loredo

arvnr9.wp6:et

New York State Department of Environmental Conservation
Division of Environmental Remediation
50 Wolf Road, Albany, New York 12233-7010

JUN 03 1997

CERTIFIED MAIL
RETURN RECEIPT REQUEST

bcc: C. Sullivan
J. McKeon
J. Ryan -w/exhibit I
M.Desmond-w/exhibit I
D. Norvik
G. Pietraszek-Reg. 9
D. Kulzer
File *GFP*

dk/clf
kryzan.let
D. Kulzer 7/96

Alice J. Kryzan, Esq.
Whiteman, Osterman & Hanna
1700 Liberty Building
Buffalo, NY 14202

Dear Ms. Kryzan:

RE: Ellison Bronze Company
Site No. 9-07-018
Order on Consent
Index No. B9-0429-93-04
Signed June 13, 1995

RECEIVED

JUN 4 1997

NYSDEC-REG. 9
FOIL
✓REL UNREL

Enclosed is a Cost Summary of expenditures incurred by New York State for activities performed as outlined in the Consent Order in connection with the Interim Remedial Measure (IRM). In accordance with Paragraph VIIA Consent Order Index No. B9-0429-93-04 signed June 13, 1995, the New York State Department of Environmental Conservation (NYSDEC) is requesting payment in the amount of \$20,000.00 within 60 days from receipt of this letter. While New York State incurred costs greater than \$20,000.00 for oversight of this work, we are requesting payment in the amount as specified in the Consent Order. This is the only bill you will receive under this order. The check should be made payable to the New York State Department of Environmental Conservation and sent to the address indicated below:

New York State Department of Environmental Conservation
Division of Environmental Remediation
50 Wolf Road, Room 260A
Albany, NY 12233-7010
Attn: Jack McKeon

The summary includes expenditures incurred from payroll period ending May 5, 1993, when costs were first incurred for this site, to August 30, 1995, the date the IRM was completed. However, if you have any questions on the enclosed information, please contact Dottie Norvik at (518)457-7110.

Thank you for your attention to this matter.

Sincerely,

A handwritten signature in cursive script, appearing to read "Donna W. Wugel for".

Jack McKeon

Director

Bureau of Program Management

Div. of Hazardous Waste Remediation

Enc.

cc: Harry Nicholson

EXHIBIT I
NEW YORK STATE DEPARTMENT
OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION
BUREAU OF PROGRAM MANAGEMENT

COST SUMMARY

RESPONSIBLE PARTY:	DOWCRAFT CORPORATION
SITE NAME:	ELLISON BRONZE COMPANY
SITE NO.:	9-07-018
CONSENT ORDER NO.:	B9-0429-93-04
BILL NO.:	1

COST CATEGORY	AMOUNTS
=====	
*DIRECT PERSONAL SERVICES	\$24,586.66
*FRINGE	\$7,615.12
*INDIRECT	\$9,890.59
*PERSONAL SVCS SUBTOTAL	\$42,092.37
CONTRACTUAL	\$0.00
TRAVEL	\$0.00
OTHER	\$0.00
DEC SUBTOTAL	\$42,092.37
**DOH	\$2,829.90
=====	
GRAND TOTALS	\$44,922.27

* SEE EXHIBIT II FOR PERSONAL SERVICES COST BREAKDOWN

** SEE EXHIBIT III FOR DOH COSTS.

EXHIBIT II
NEW YORK STATE DEPARTMENT
OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION
BUREAU OF PROGRAM MANAGEMENT

PERSONAL SERVICES BREAKDOWN

RESPONSIBLE PARTY: DOWCRAFT CORPORATION
SITE NAME: ELLISON BRONZE COMPANY
SITE NO.: 9-07-018
CONSENT ORDER NO.: B9-0429-93-04
BILL NO.: 1

STATE FISCAL YR	DIR PERSONAL SVC COST	FRINGE RATE	FRINGE COST	DIRECT PS + FRINGE	INDIRECT RATE	INDIRECT COST	TOTAL*
88-89	\$0.00	0.2591	\$0.00	\$0.00	0.3200	\$0.00	\$0.00
89-90	\$0.00	0.2616	\$0.00	\$0.00	0.3700	\$0.00	\$0.00
90-91	\$0.00	0.2896	\$0.00	\$0.00	0.3800	\$0.00	\$0.00
91-92	\$0.00	0.2444	\$0.00	\$0.00	0.2984	\$0.00	\$0.00
92-93	\$0.00	0.2861	\$0.00	\$0.00	0.3200	\$0.00	\$0.00
93-94	\$3,939.34	0.3050	\$1,201.50	\$5,140.84	0.3200	\$1,645.07	\$6,785.91
94-95	\$7,781.36	0.3072	\$2,390.43	\$10,171.79	0.3150	\$3,204.11	\$13,375.90
95-96	\$12,865.96	0.3127	\$4,023.19	\$16,889.15	0.2985	\$5,041.41	\$21,930.56
96-97	\$0.00	0.3400	\$0.00	\$0.00	0.3054	\$0.00	\$0.00
TOTAL	\$24,586.66		\$7,615.12	\$32,201.78		\$9,890.59	\$42,092.37

* TOTAL COSTS ARE CALCULATED BY ADDING DIRECT PERSONAL SERVICE COSTS, FRINGE COST AND INDIRECT COST.
FRINGE COST IS CALCULATED BY MULTIPLYING THE DIRECT PERSONAL SERVICE COST BY THE FRINGE RATE.
INDIRECT COST IS CALCULATED BY MULTIPLYING THE TOTAL OF DIRECT PERSONAL COST PLUS FRINGE COST BY THE INDIRECT RATE.
DIRECT PERSONAL SERVICE COSTS ARE THROUGH PAY PERIOD ENDING DATE:
AUGUST 30, 1995.

New York State Department of Environmental Conservation
Bureau of Federal & Municipal Accounts
Time & Activity Detail Report
H:\TMPTADXX.DBF

T&A Period	T&A Code	Description	Item No.	Payroll Header Cost Center	Name	Title	Progm & Loc Code	Average Biweekly Salary	Time Hours	Amount (Dollars) Including Leave
** Inum:	FY9394									
05/05/93	B342	907018 ELLISON BRONZ	23531	240228 MF 93	DESMOND MAURA C	SENR ATTORNEY	CA/00	1390.71	1.75	48.16
06/02/93	B342	907018 ELLISON BRONZ	47178	430221 L2 93	PIETRASZEK GERALD F	ENGRG GEOLOGIST 2	QE/90	1978.24	6.50	206.54
06/30/93	B342	907018 ELLISON BRONZ	23531	240228 MF 93	DESMOND MAURA C	SENR ATTORNEY	CA/00	1390.71	3.00	83.08
06/30/93	B342	907018 ELLISON BRONZ	47382	430221 L2 93	DOSTER MARTIN L	ENVIRNL ENGINEER 3	QA/90	2160.51	5.00	160.17
06/30/93	B342	907018 ELLISON BRONZ	47178	430221 L2 93	PIETRASZEK GERALD F	ENGRG GEOLOGIST 2	QE/90	1978.24	17.50	556.08
06/30/93	B342	907018 ELLISON BRONZ	47845	430132 L2 93	KOEPPICUS RICHARD	SUPVG FISH&WLDLF ECLG	RG/00	1595.18	1.50	37.80
07/28/93	B342	907018 ELLISON BRONZ	47178	430221 L2 93	PIETRASZEK GERALD F	ENGRG GEOLOGIST 2	QE/90	1978.24	9.00	285.98
09/21/93	B342	907018 ELLISON BRONZ	47178	430221 L2 93	PIETRASZEK GERALD F	ENGRG GEOLOGIST 2	QE/90	2057.37	1.75	55.61
10/20/93	B342	907018 ELLISON BRONZ	23531	240228 MF 93	DESMOND MAURA C	SENR ATTORNEY	CA/00	1531.72	0.25	7.85
11/17/93	B342	907018 ELLISON BRONZ	23531	240228 MF 93	DESMOND MAURA C	SENR ATTORNEY	CA/00	1531.72	3.25	101.22
11/17/93	B342	907018 ELLISON BRONZ	47382	430221 L2 93	DOSTER MARTIN L	ENVIRNL ENGINEER 3	QA/90	2371.62	3.50	129.87
11/17/93	B342	907018 ELLISON BRONZ	47178	430221 L2 93	PIETRASZEK GERALD F	ENGRG GEOLOGIST 2	QE/90	2127.07	14.00	478.33
12/15/93	B342	907018 ELLISON BRONZ	23531	240228 MF 93	DESMOND MAURA C	SENR ATTORNEY	CA/00	1531.72	3.50	111.11
12/15/93	B342	907018 ELLISON BRONZ	47382	430221 L2 93	DOSTER MARTIN L	ENVIRNL ENGINEER 3	QA/90	2549.26	1.50	60.61
12/15/93	B342	907018 ELLISON BRONZ	47178	430221 L2 93	PIETRASZEK GERALD F	ENGRG GEOLOGIST 2	QE/90	2127.07	8.50	290.41
12/15/93	B342	907018 ELLISON BRONZ	47846	430132 L2 93	CARELLA PAUL F	BIOLOGIST 1 ECOLOGY	RG/00	1534.59	4.50	109.24
01/12/94	B342	907018 ELLISON BRONZ	23531	240228 MF 93	DESMOND MAURA C	SENR ATTORNEY	CA/00	1531.72	0.75	21.25
01/12/94	B342	907018 ELLISON BRONZ	47044	430221 L2 93	KOLAK NICHOLAS P	RESCH SCIENT 4	QB/00	2401.81	2.00	77.16
01/12/94	B342	907018 ELLISON BRONZ	47178	430221 L2 93	PIETRASZEK GERALD F	ENGRG GEOLOGIST 2	QE/90	2057.37	4.00	132.19
02/09/94	B342	907018 ELLISON BRONZ	23531	240228 MF 93	DESMOND MAURA C	SENR ATTORNEY	CA/00	1531.72	7.00	210.46
02/09/94	B342	907018 ELLISON BRONZ	47382	430221 L2 93	DOSTER MARTIN L	ENVIRNL ENGINEER 3	QA/90	2371.62	1.00	36.17
02/09/94	B342	907018 ELLISON BRONZ	47178	430221 L2 93	PIETRASZEK GERALD F	ENGRG GEOLOGIST 2	QE/90	2057.37	14.00	462.66
03/09/94	B342	907018 ELLISON BRONZ	23531	240228 MF 93	DESMOND MAURA C	SENR ATTORNEY	CA/00	1531.72	1.75	50.75
03/09/94	B342	907018 ELLISON BRONZ	23531	240228 MF 93	DESMOND MAURA C	SENR ATTORNEY	CC/00	1531.72	1.75	53.05
03/09/94	B342	907018 ELLISON BRONZ	47037	430221 L2 93	ZEPPETELLI LAURA	SOLID WASTE MGT SPCT1	QB/00	995.72	2.50	39.98
03/09/94	B342	907018 ELLISON BRONZ	47178	430221 L2 93	PIETRASZEK GERALD F	ENGRG GEOLOGIST 2	QE/90	2079.47	4.00	133.61
** Subtotal **								47924.21	123.75	\$3,939.34

03/26/97

New York State Department of Environmental Conservation
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T&A Period	T&A Code	Description	Item No.	Payroll Header Cost Center	Name	Title	Progm & Loc Code	Average Biweekly Salary	Time Hours	Amount (Dollars) Including Leave
** Inum: FY9495										
04/06/94	B342	907018 ELLISON BRONZ	23531	240228 MF 94	DESMOND MAURA C	SENR ATTORNEY	CA/00	1637.38	4.75	138.19
04/06/94	B342	907018 ELLISON BRONZ	47382	430221 L2 94	DOSTER MARTIN L	ENVIRNL ENGINEER 3	QA/90	2371.62	3.00	111.91
04/06/94	B342	907018 ELLISON BRONZ	47178	430221 L2 94	PIETRASZEK GERALD F	ENGRG GEOLOGIST 2	QE/90	2062.60	12.50	412.28
06/01/94	B342	907018 ELLISON BRONZ	23531	240228 MF 94	DESMOND MAURA C	SENR ATTORNEY	CA/00	1637.38	2.50	82.34
06/01/94	B342	907018 ELLISON BRONZ	47382	430221 L2 94	DOSTER MARTIN L	ENVIRNL ENGINEER 3	QA/90	2497.89	1.50	57.61
06/01/94	B342	907018 ELLISON BRONZ	47044	430221 L2 94	KOLAK NICHOLAS P	RESCH SCIENT 4	QB/00	2497.89	5.00	199.71
06/01/94	B342	907018 ELLISON BRONZ	47178	430221 L2 94	PIETRASZEK GERALD F	ENGRG GEOLOGIST 2	QE/90	2153.28	4.50	154.95
06/29/94	B342	907018 ELLISON BRONZ	23531	240228 MF 94	DESMOND MAURA C	SENR ATTORNEY	CA/00	1637.38	1.00	33.86
06/29/94	B342	907018 ELLISON BRONZ	47178	430221 L2 94	PIETRASZEK GERALD F	ENGRG GEOLOGIST 2	QE/90	2139.68	12.00	394.79
07/27/94	B342	907018 ELLISON BRONZ	23531	240228 MF 94	DESMOND MAURA C	SENR ATTORNEY	CA/00	1637.38	2.50	84.28
07/27/94	B342	907018 ELLISON BRONZ	47178	430221 L2 94	PIETRASZEK GERALD F	ENGRG GEOLOGIST 2	QE/90	2139.68	29.50	992.79
08/24/94	B342	907018 ELLISON BRONZ	23531	240228 MF 94	DESMOND MAURA C	SENR ATTORNEY	CA/00	1759.92	5.25	193.13
08/24/94	B342	907018 ELLISON BRONZ	47178	430221 L2 94	PIETRASZEK GERALD F	ENGRG GEOLOGIST 2	QE/90	2304.27	19.00	684.12
09/21/94	B342	907018 ELLISON BRONZ	23531	240228 MF 94	DESMOND MAURA C	SENR ATTORNEY	CA/00	818.69	1.25	22.31
09/21/94	B342	907018 ELLISON BRONZ	47178	430221 L2 94	PIETRASZEK GERALD F	ENGRG GEOLOGIST 2	QE/90	2139.68	17.00	577.80
10/19/94	B342	907018 ELLISON BRONZ	47382	430221 L2 94	DOSTER MARTIN L	ENVIRNL ENGINEER 3	QA/90	2512.89	1.50	56.68
10/19/94	B342	907018 ELLISON BRONZ	47178	430221 L2 94	PIETRASZEK GERALD F	ENGRG GEOLOGIST 2	QE/90	2152.53	15.00	492.50
11/16/94	B342	907018 ELLISON BRONZ	23591	240228 MF 94	RYAN JOSEPH P	ASSNT COUNSL	CC/00	3376.10	1.50	76.88
11/16/94	B342	907018 ELLISON BRONZ	47382	430221 L2 94	DOSTER MARTIN L	ENVIRNL ENGINEER 3	QA/90	2527.89	4.00	145.23
11/16/94	B342	907018 ELLISON BRONZ	47178	430221 L2 94	PIETRASZEK GERALD F	ENGRG GEOLOGIST 2	QE/90	2165.38	11.00	380.88
12/14/94	B342	907018 ELLISON BRONZ	23598	240228 MF 94	CHARLES JAMES D	SENR ATTORNEY	CC/00	2281.14	11.50	400.78
12/14/94	B342	907018 ELLISON BRONZ	47382	430221 L2 94	DOSTER MARTIN L	ENVIRNL ENGINEER 3	QA/90	2527.89	12.00	474.01
12/14/94	B342	907018 ELLISON BRONZ	47178	430221 L2 94	PIETRASZEK GERALD F	ENGRG GEOLOGIST 2	QE/90	2165.38	18.50	640.58
12/14/94	B342	907018 ELLISON BRONZ	47845	430132 L2 94	KOEPPICUS RICHARD	BIOLOGIST 2 ECOLOGY	RG/00	1911.96	1.00	30.57
02/08/95	B342	907018 ELLISON BRONZ	47044	430221 L2 94	KOLAK NICHOLAS P	RESCH SCIENT 4	QB/00	2527.89	4.00	161.69
02/08/95	B342	907018 ELLISON BRONZ	47178	430221 L2 94	PIETRASZEK GERALD F	ENGRG GEOLOGIST 2	QE/90	2165.38	14.50	502.07
03/08/95	B342	907018 ELLISON BRONZ	47178	430221 L2 94	PIETRASZEK GERALD F	ENGRG GEOLOGIST 2	QE/90	2165.38	8.50	279.42
** Subtotal **								57914.53	224.25	\$7,781.36

03/26/97

New York State Department of Environmental Conservation
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T&A Period	T&A Code	Description	Item No.	Payroll Header Cost Center	Name	Title	Progm & Loc Code	Average Biweekly Salary	Time Hours	Amount (Dollars) Including Leave
** Inum: FY9596										
04/05/95	B342	907018 ELLISON BRONZ	47392	430394 L2 95	PIETRASZEK GERALD F	ENGRG GEOLOGIST 2	QE/90	2165.38	22.00	748.49
05/03/95	B342	907018 ELLISON BRONZ	47382	430394 L2 95	DOSTER MARTIN L	ENVIRNL ENGINEER 3	QA/90	2520.97	2.00	72.60
05/03/95	B342	907018 ELLISON BRONZ	47392	430394 L2 95	PIETRASZEK GERALD F	ENGRG GEOLOGIST 2	QE/90	3409.46	35.50	1,895.54
05/03/95	B342	907018 ELLISON BRONZ	47382	430394 L2 95	DOSTER MARTIN L	ENVIRNL ENGINEER 3	QA/90	2520.97	5.00	194.87
06/28/95	B342	907018 ELLISON BRONZ	47392	430394 L2 95	PIETRASZEK GERALD F	ENGRG GEOLOGIST 2	QE/90	2220.66	46.25	1,572.73
06/28/95	B342	907018 ELLISON BRONZ	47382	430394 L2 95	DOSTER MARTIN L	ENVIRNL ENGINEER 3	QA/90	2520.97	14.00	558.17
06/28/95	B342	907018 ELLISON BRONZ	47392	430394 L2 95	PIETRASZEK GERALD F	ENGRG GEOLOGIST 2	QE/90	2159.46	48.50	1,503.55
06/28/95	B342	907018 ELLISON BRONZ	47383	430394 L2 95	ROBLEE WILLIAM	SANITARY CONST INSP 2	QF/90	1681.36	28.50	762.84
07/26/95	B342	907018 ELLISON BRONZ	47382	430394 L2 95	DOSTER MARTIN L	ENVIRNL ENGINEER 3	QA/90	2520.97	5.00	190.60
07/26/95	B342	907018 ELLISON BRONZ	47392	430394 L2 95	PIETRASZEK GERALD F	ENGRG GEOLOGIST 2	QE/90	2159.46	29.00	987.17
07/26/95	B342	907018 ELLISON BRONZ	47383	430394 L2 95	ROBLEE WILLIAM	SANITARY CONST INSP 2	QF/90	1764.66	123.50	3,336.35
08/23/95	B342	907018 ELLISON BRONZ	47392	430394 L2 95	PIETRASZEK GERALD F	ENGRG GEOLOGIST 2	QE/90	2159.46	11.00	381.93
08/23/95	B342	907018 ELLISON BRONZ	47383	430394 L2 95	ROBLEE WILLIAM	SANITARY CONST INSP 2	QF/90	1764.66	24.00	661.12
** Subtotal **								29568.44	394.25	\$12,865.96
*** Total ***								135407.18	742.25	\$24,586.66

New York State Department of Environmental Conservation
50 Wolf Road, Albany, New York 12233-7010



Michael Zagata
Commissioner

Ellison Bronze Site

Dowcraft Corp.

202018

Fax Cover Sheet

Bureau of Program Management
Resource Management Section

(518) 457-7110 (phone)

(518) 457-7743 (fax)

To: Greg Pietraszek- Reg. 9

Fax Number: () _____

Phone Number: () _____

From: Diane Kulzer (518) 457-4102

For Verification or Problems Call: _____ at _____

COMMENTS: Please review the cost recovery bill
for Ellison Bronze Co.- Site No. 9-07-018.
Please call me at (518)-457-4102.
with any comments. Called Diane 5/21/97
The Bill is OK as presented. She will send it to Dow.
JP 5/21/97

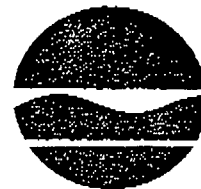
Date: 5/19/97

Number of Pages (Including Cover Sheet): 9

New York State Department of Environmental Conservation

Division of Environmental Remediation

50 Wolf Road, Albany, New York 12233-7010

John P. Cahill
Acting Commissioner**CERTIFIED MAIL**
RETURN RECEIPT REQUESTEDAlice J. Kryzan, Esq.
Whiteman, Osterman & Hanna
1700 Liberty Building
Buffalo, NY 14202

Dear Ms. Kryzan:

RE: Ellison Bronze Company
Site No. 9-07-018
Order on Consent
Index No. B9-0429-93-04
Signed June 13, 1995

Enclosed is a Cost Summary of expenditures incurred by New York State for activities performed as outlined in the Consent Order in connection with the Interim Remedial Measure (IRM). In accordance with Paragraph VIIA Consent Order Index No. B9-0429-93-04 signed June 13, 1995, the New York State Department of Environmental Conservation (NYSDEC) is requesting payment in the amount of \$20,000.00 within 60 days from receipt of this letter. While New York State incurred costs greater than \$20,000.00 for oversight of this work, we are requesting payment in the amount as specified in the Consent Order. This is the only bill you will receive under this order. The check should be made payable to the New York State Department of Environmental Conservation and sent to the address indicated below:

New York State Department of Environmental Conservation
Division of Environmental Remediation
50 Wolf Road, Room 260A
Albany, NY 12233-7010
Attn: Jack McKeon

The summary includes expenditures incurred from payroll period ending May 5, 1993, when costs were first incurred for this site, to August 30, 1995, the date the IRM was completed. However, if you have any questions on the enclosed information, please contact Dottie Norvik at (518)457-7110.

Thank you for your attention to this matter.

Sincerely,

Jack McKeon
Director
Bureau of Program Management
Div. of Hazardous Waste Remediation

Enc.

cc: Harry Nicholson

EXHIBIT I
NEW YORK STATE DEPARTMENT
OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION
BUREAU OF PROGRAM MANAGEMENT

COST SUMMARY

RESPONSIBLE PARTY: DOWCRAFT CORPORATION
SITE NAME: ELLISON BRONZE COMPANY
SITE NO.: 9-07-018
CONSENT ORDER NO.: B9-0429-93-04
BILL NO.: 1

COST CATEGORY	AMOUNTS
*DIRECT PERSONAL SERVICES	\$24,586.66
*FRINGE	\$7,615.12
*INDIRECT	\$9,890.59
*PERSONAL SVCS SUBTOTAL	\$42,092.37
CONTRACTUAL	\$0.00
TRAVEL	\$0.00
OTHER	\$0.00
DEC SUBTOTAL	\$42,092.37
**DOH	\$2,829.90
GRAND TOTALS	\$44,922.27

* SEE EXHIBIT II FOR PERSONAL SERVICES COST BREAKDOWN

** SEE EXHIBIT III FOR DOH COSTS.

EXHIBIT II
NEW YORK STATE DEPARTMENT
OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION
BUREAU OF PROGRAM MANAGEMENT

PERSONAL SERVICES BREAKDOWN

RESPONSIBLE PARTY: DOWCRAFT CORPORATION
SITE NAME: ELLISON BRONZE COMPANY
SITE NO.: 9-07-018
CONSENT ORDER NO.: 89-0429:93-04
BILL NO.: 1

STATE FISCAL YR	DIR PERSONAL SVC COST	FRINGE RATE	FRINGE COST	DIRECT PS + FRINGE	INDIRECT RATE	INDIRECT COST	TOTAL*
88-89	\$0.00	0.2591	\$0.00	\$0.00	0.3200	\$0.00	\$0.00
89-90	\$0.00	0.2616	\$0.00	\$0.00	0.3700	\$0.00	\$0.00
90-91	\$0.00	0.2896	\$0.00	\$0.00	0.3800	\$0.00	\$0.00
91-92	\$0.00	0.2444	\$0.00	\$0.00	0.2984	\$0.00	\$0.00
92-93	\$0.00	0.2061	\$0.00	\$0.00	0.3200	\$0.00	\$0.00
93-94	\$3,939.34	0.3050	\$1,201.50	\$5,140.84	0.3200	\$1,645.07	\$6,785.91
94-95	\$7,781.36	0.3072	\$2,390.43	\$10,171.79	0.3150	\$3,204.11	\$13,375.90
95-96	\$12,865.96	0.3127	\$4,023.19	\$16,889.15	0.2985	\$5,041.41	\$21,930.56
96-97	\$0.00	0.3400	\$0.00	\$0.00	0.3054	\$0.00	\$0.00
TOTAL	\$24,586.66		\$7,615.12	\$32,201.78		\$9,890.59	\$42,092.37

* TOTAL COSTS ARE CALCULATED BY ADDING DIRECT PERSONAL SERVICE COSTS, FRINGE COST AND INDIRECT COST.
FRINGE COST IS CALCULATED BY MULTIPLYING THE DIRECT PERSONAL SERVICE COST BY THE FRINGE RATE.
INDIRECT COST IS CALCULATED BY MULTIPLYING THE TOTAL OF DIRECT PERSONAL COST PLUS FRINGE
COST BY THE INDIRECT RATE.
DIRECT PERSONAL SERVICE COSTS ARE THROUGH PAY PERIOD ENDING DATE:
AUGUST 30, 1995.

PAGE NO.

01/26/97

New York State Department of Environmental Conservation
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** Inmate	FY9394									
05/05/93	B342	907018 ELLISON BRONZ	23531	240228 MF 93	DESMOND MAURA C	SENR ATTORNEY	CA/00	1390.71	1.75	48.16
06/01/93	B342	907018 ELLISON BRONZ	47178	430221 L2 93	PIETRASZEK GERALD F	ENGRG GEOLOGIST 2	QE/90	1978.24	6.50	206.54
06/30/93	B342	907018 ELLISON BRONZ	23531	240228 MF 93	DESMOND MAURA C	SENR ATTORNEY	CA/00	1390.71	3.00	83.09
06/30/93	B342	907018 ELLISON BRONZ	47382	430221 L2 93	DOSTER MARTIN L	ENVIRNL ENGINEER 3	QA/90	2160.51	5.00	160.17
06/30/93	B342	907018 ELLISON BRONZ	47178	430221 L2 93	PIETRASZEK GERALD F	ENGRG GEOLOGIST 2	QE/90	1978.24	17.50	556.08
06/30/93	B342	907018 ELLISON BRONZ	47845	430132 L2 93	KOEPPICUS RICHARD	SUPVG FISH&WLDLF ECLG	RG/00	1595.18	1.50	37.80
07/28/93	B342	907018 ELLISON BRONZ	47178	430221 L2 93	PIETRASZEK GERALD F	ENGRG GEOLOGIST 2	QE/90	1978.24	9.00	285.98
09/22/93	B342	907018 ELLISON BRONZ	47178	430221 L2 93	PIETRASZEK GERALD F	ENGRG GEOLOGIST 2	QE/90	2057.37	1.75	55.61
10/20/93	B342	907018 ELLISON BRONZ	23531	240228 MF 93	DESMOND MAURA C	SENR ATTORNEY	CA/00	1531.72	0.25	7.85
11/17/93	B342	907018 ELLISON BRONZ	23531	240228 MF 93	DESMOND MAURA C	SENR ATTORNEY	CA/00	1531.72	3.25	101.22
11/17/93	B342	907018 ELLISON BRONZ	47382	430221 L2 93	DOSTER MARTIN L	ENVIRNL ENGINEER 3	QA/90	2371.62	3.50	129.87
11/17/93	B342	907018 ELLISON BRONZ	47178	430221 L2 93	PIETRASZEK GERALD F	ENGRG GEOLOGIST 2	QE/90	2127.07	14.00	478.33
12/15/93	B342	907018 ELLISON BRONZ	23531	240228 MF 93	DESMOND MAURA C	SENR ATTORNEY	CA/00	1531.72	3.50	111.11
12/15/93	B342	907018 ELLISON BRONZ	47382	430221 L2 93	DOSTER MARTIN L	ENVIRNL ENGINEER 3	QA/90	2549.26	1.50	60.61
12/15/93	B342	907018 ELLISON BRONZ	47178	430221 L2 93	PIETRASZEK GERALD F	ENGRG GEOLOGIST 2	QE/90	2127.07	8.50	290.41
12/15/93	B342	907018 ELLISON BRONZ	47846	430132 L2 93	CARELLA PAUL F	BIOLOGIST 1 ECOLOGY	RG/00	1534.59	4.50	109.24
01/12/94	B342	907018 ELLISON BRONZ	23531	240228 MF 93	DESMOND MAURA C	SENR ATTORNEY	CA/00	1531.72	0.75	21.25
01/12/94	B342	907018 ELLISON BRONZ	47044	430221 L2 93	KOLAK NICHOLAS P	RESCH SCIENT 4	QB/00	2401.81	2.00	77.16
01/12/94	B342	907018 ELLISON BRONZ	47178	430221 L2 93	PIETRASZEK GERALD F	ENGRG GEOLOGIST 2	QE/90	2057.37	4.00	132.19
02/09/94	B342	907018 ELLISON BRONZ	23531	240228 MF 93	DESMOND MAURA C	SENR ATTORNEY	CA/00	1531.72	7.00	210.46
02/09/94	B342	907018 ELLISON BRONZ	47382	430221 L2 93	DOSTER MARTIN L	ENVIRNL ENGINEER 3	QA/90	2371.62	1.00	36.17
02/09/94	B342	907018 ELLISON BRONZ	47178	430221 L2 93	PIETRASZEK GERALD F	ENGRG GEOLOGIST 2	QE/90	2057.37	14.00	462.66
03/09/94	B342	907018 ELLISON BRONZ	23531	240228 MF 93	DESMOND MAURA C	SENR ATTORNEY	CA/00	1531.72	1.75	50.75
03/09/94	B342	907018 ELLISON BRONZ	23531	240228 MF 93	DESMOND MAURA C	SENR ATTORNEY	CC/00	1531.72	1.75	53.05
03/09/94	B342	907018 ELLISON BRONZ	47037	430221 L2 93	ZEPPETELLI LAURA	SOLID WASTE MGT SPCT1	QB/00	995.72	2.50	39.98
03/09/94	B342	907018 ELLISON BRONZ	47178	430221 L2 93	PIETRASZEK GERALD F	ENGRG GEOLOGIST 2	QE/90	2079.47	4.00	133.61
** Subtotal **								47924.21	123.75	\$3,939.34

PAGE NO. 2
03/26/97

New York State Department of Environmental Conservation
Bureau of Federal & Municipal Accounts
Time & Activity Detail Report
J1ATMPTADXX.DUF

T&A Period	T&A Code	Description	Item No.	Payroll Header Cost Center	Name	Title	Program & Loc Code	Average Biweekly Salary	Time Hours	Amount (Dollars) Including Leave
** Inactive	FY9495									
04/06/94	B342	907018 ELLISON BRONZ	23531	240228 MF 94	DESMOND MAURA C	SENR ATTORNEY	CA/00	1637.38	4.75	138.19
04/06/94	B342	907018 ELLISON BRONZ	47382	430221 L2 94	DOSTER MARTIN L	ENVIRNL ENGINEER 3	QA/90	2371.62	3.00	111.91
04/06/94	B342	907018 ELLISON BRONZ	47178	430221 L2 94	PIETRASZEK GERALD F	ENGRG GEOLOGIST 2	QE/90	2062.60	12.50	412.28
05/04/94	B342	907018 ELLISON BRONZ	23531	240228 MF 94	DESMOND MAURA C	SENR ATTORNEY	CA/00	1637.38	2.50	82.34
06/01/94	B342	907018 ELLISON BRONZ	47382	430221 L2 94	DOSTER MARTIN L	ENVIRNL ENGINEER 3	QA/90	2497.89	1.50	57.61
06/01/94	B342	907018 ELLISON BRONZ	47044	430221 L2 94	KOLAK NICHOLAS P	RESCH SCIENT 4	QB/00	2497.89	5.00	199.71
06/01/94	B342	907018 ELLISON BRONZ	47178	430221 L2 94	PIETRASZEK GERALD F	ENGRG GEOLOGIST 2	QE/90	2153.28	4.50	154.95
06/29/94	B342	907018 ELLISON BRONZ	23531	240228 MF 94	DESMOND MAURA C	SENR ATTORNEY	CA/00	1637.38	1.00	33.86
06/29/94	B342	907018 ELLISON BRONZ	47178	430221 L2 94	PIETRASZEK GERALD F	ENGRG GEOLOGIST 2	QE/90	2139.68	12.00	394.79
07/27/94	B342	907018 ELLISON BRONZ	23531	240228 MF 94	DESMOND MAURA C	SENR ATTORNEY	CA/00	1637.38	2.50	84.28
07/27/94	B342	907018 ELLISON BRONZ	47178	430221 L2 94	PIETRASZEK GERALD F	ENGRG GEOLOGIST 2	QE/90	2139.68	29.50	992.79
08/24/94	B342	907018 ELLISON BRONZ	23531	240228 MF 94	DESMOND MAURA C	SENR ATTORNEY	CA/00	1759.92	5.25	193.13
08/24/94	B342	907018 ELLISON BRONZ	47178	430221 L2 94	PIETRASZEK GERALD F	ENGRG GEOLOGIST 2	QE/90	2304.27	19.00	694.12
09/24/94	B342	907018 ELLISON BRONZ	23531	240228 MF 94	DESMOND MAURA C	SENR ATTORNEY	CA/00	818.69	1.25	21.31
09/24/94	B342	907018 ELLISON BRONZ	47178	430221 L2 94	PIETRASZEK GERALD F	ENGRG GEOLOGIST 2	QE/90	2139.68	17.00	577.80
10/19/94	B342	907018 ELLISON BRONZ	47382	430221 L2 94	DOSTER MARTIN L	ENVIRNL ENGINEER 3	QA/90	2512.89	1.50	56.68
10/19/94	B342	907018 ELLISON BRONZ	47178	430221 L2 94	PIETRASZEK GERALD F	ENGRG GEOLOGIST 2	QE/90	2152.53	15.00	492.50
11/16/94	B342	907018 ELLISON BRONZ	23591	240228 MF 94	RYAN JOSEPH P	ASSNT COUNSL	CC/00	3376.10	1.50	76.89
11/16/94	B342	907018 ELLISON BRONZ	47382	430221 L2 94	DOSTER MARTIN L	ENVIRNL ENGINEER 3	QA/90	2527.89	4.00	145.23
11/16/94	B342	907018 ELLISON BRONZ	47178	430221 L2 94	PIETRASZEK GERALD F	ENGRG GEOLOGIST 2	QE/90	2165.38	11.00	380.88
12/14/94	B342	907018 ELLISON BRONZ	23598	240228 MF 94	CHARLES JAMES D	SENR ATTORNEY	CC/00	2281.14	11.50	400.78
12/14/94	B342	907018 ELLISON BRONZ	47382	430221 L2 94	DOSTER MARTIN L	ENVIRNL ENGINEER 3	QA/90	2527.89	12.00	474.01
12/14/94	B342	907018 ELLISON BRONZ	47178	430221 L2 94	PIETRASZEK GERALD F	ENGRG GEOLOGIST 2	QE/90	2165.38	18.50	640.58
12/14/94	B342	907018 ELLISON BRONZ	47845	430132 L2 94	KOEPPICUS RICHARD	BIOLOGIST 2 ECOLOGY	RG/00	1911.96	1.00	30.57
02/08/95	B342	907018 ELLISON BRONZ	47044	430221 L2 94	KOLAK NICHOLAS P	RESCH SCIENT 4	QB/00	2527.89	4.00	161.69
02/08/95	B342	907018 ELLISON BRONZ	47178	430221 L2 94	PIETRASZEK GERALD F	ENGRG GEOLOGIST 2	QE/90	2165.38	14.50	502.07
03/08/95	B342	907018 ELLISON BRONZ	47178	430221 L2 94	PIETRASZEK GERALD F	ENGRG GEOLOGIST 2	QE/90	2165.38	8.50	279.42
** Subtotal **								57914.53	224.25	\$7,781.36

05/19/97 MON 16:16 FAX 518 457 7743

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PAGE NO. 3
03/26/97

New York State Department of Environmental Conservation
Bureau of Federal & Municipal Accounts
Time & Activity Detail Report
HETMPTADXX.DDF

T&A Period	T&A Code	Description	Item No.	Payroll Header Cost Center	Name	Title	Program & Loc Code	Average Biweekly Salary	Time Hours	Amount (Dollars) Including Leave
** Inurn: FY9596										
04/05/95	B342	907018 ELLISON BRONZ	47392	430394 L2 95	PIETRASZEK GERALD F	ENGRG GEOLOGIST 2	QE/90	2165.38	22.00	748.49
05/01/95	B342	907018 ELLISON BRONZ	47392	430394 L2 95	DOSTER MARTIN L	ENVIRNL ENGINEER 3	QA/90	2520.97	2.00	72.60
05/03/95	B342	907018 ELLISON BRONZ	47392	430394 L2 95	PIETRASZEK GERALD F	ENGRG GEOLOGIST 2	QE/90	3409.46	35.50	1,895.54
05/06/95	B342	907018 ELLISON BRONZ	47392	430394 L2 95	DOSTER MARTIN L	ENVIRNL ENGINEER 3	QA/90	2520.97	5.00	194.87
06/01/95	B342	907018 ELLISON BRONZ	47392	430394 L2 95	PIETRASZEK GERALD F	ENGRG GEOLOGIST 2	QE/90	2220.66	46.25	1,572.73
06/28/95	B342	907018 ELLISON BRONZ	47392	430394 L2 95	DOSTER MARTIN L	ENVIRNL ENGINEER 3	QA/90	2520.97	14.00	558.17
06/28/95	B342	907018 ELLISON BRONZ	47392	430394 L2 95	PIETRASZEK GERALD F	ENGRG GEOLOGIST 2	QE/90	2159.46	48.50	1,503.55
06/28/95	B342	907018 ELLISON BRONZ	47392	430394 L2 95	ROBLEE WILLIAM	SANITARY CONST INSP 2	QF/90	1681.36	28.50	762.84
07/26/95	B342	907018 ELLISON BRONZ	47392	430394 L2 95	DOSTER MARTIN L	ENVIRNL ENGINEER 3	QA/90	2520.97	5.00	190.60
07/26/95	B342	907018 ELLISON BRONZ	47392	430394 L2 95	PIETRASZEK GERALD F	ENGRG GEOLOGIST 2	QE/90	2159.46	29.00	987.17
07/26/95	B342	907018 ELLISON BRONZ	47392	430394 L2 95	ROBLEE WILLIAM	SANITARY CONST INSP 2	QF/90	1764.66	123.50	3,336.35
08/23/95	B342	907018 ELLISON BRONZ	47392	430394 L2 95	PIETRASZEK GERALD F	ENGRG GEOLOGIST 2	QE/90	2159.46	11.00	381.93
08/23/95	B342	907018 ELLISON BRONZ	47392	430394 L2 95	ROBLEE WILLIAM	SANITARY CONST INSP 2	QF/90	1764.66	24.00	661.12
** Subtotal **								29568.44	394.25	\$12,865.96
*** Total ***								135487.18	742.25	\$24,586.66

Exhibit III

New York State Department of Health
Cost Recovery
Ellison Bronze
(907018)

Fiscal Year 91/92

Personal Services	\$44.90
Fringe @ 24.44%	\$10.97
Indirect*	\$9.68

Fiscal Year 92/93

Personal Services	\$102.59
Fringe @ 28.61%	\$29.35
Indirect*	\$37.19

Fiscal Year 93/94

Personal Services	\$420.54
Fringe @ 30.5%	\$128.26
Indirect*	\$140.55

Fiscal Year 94/95

Personal Services	\$365.41
Fringe @ 30.72%	\$112.25
Indirect*	\$119.65

Fiscal Year 95/96

Personal Services	\$1,080.70 803.89
Fringe @ 31.27%	\$337.93 251.38
Indirect*	\$340.50 252.29

Fiscal Year 96/97 (1st - 2nd quarters)

Personal Services	\$93.38
Fringe @ 34%	\$31.75
Indirect*	\$30.16

Travel Costs	\$0.00
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Laboratory costs:	\$0.00
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Total: ~~\$3,435.78~~
\$2,829.90

CRA

CONESTOGA-ROVERS & ASSOCIATES

651 Colby Drive
Waterloo, Ontario, Canada N2V 1C2
(519) 884-0510 Colby Office Fax: (519) 884-0525
(519) 725-3313 Bathurst Office (519) 725-1394

DSS *DS*
GFP *GP*
file

January 17, 1997

Reference No. 5020

Mr. Gerald F. Pietraszek
New York State Department of
Environmental Conservation
270 Michigan Avenue
Buffalo, New York 14203-2999

RECEIVED

JAN 22 1997

Dear Mr. Pietraszek:

NYSDEC-REG. 9
FOIL
✓REL UNREL

Re: Groundwater Sampling
Long-Term Monitoring Plan
Dowcraft Corporation
Ellison Bronze Site, Falconer, New York

Groundwater sampling was performed on November 25, 1996 in accordance with the Long-Term Monitoring Plan contained in the "Soil/Sediment Stabilization Summary Report, Dowcraft Corporation, Ellison Bronze Site, Falconer, New York". Three monitoring wells were sampled (ESI-1R, ESI-2, and ESI-3). Each well was purged of ten well volumes using low rate pumping with peristaltic pumps.

Purging was continued until sediment-free water was obtained. Sediment-free water was determined by both visual observation and the use of a field turbidimeter. Water was deemed to be sediment-free when the measured turbidity was less than 5 NTUs.

Pursuant to the February 21, 1996 letter from the NYSDEC to Dowcraft Corporation which approved the "Soil/Sediment Stabilization Summary Report", each well was sampled for lead, barium, manganese, and iron. A blind duplicate sample was collected from well ESI-1R. A matrix spike/matrix spike duplicate (MS/MSD) sample was also collected from ESI-1R. Table 1 contains the well purging and sampling summary. The samples were placed in a cooler with ice and delivered to Advanced Technology Services on November 25, 1996 following chain of custody procedures. Table 2 presents the analytical results for the groundwater samples.

The analytical results for each parameter were below New York State Class GA Groundwater Standards at all locations with the exception of manganese at location ESI-1R. The reported level of manganese however, is less than those reported at the same location during the Remedial Investigation in 1992. The Class GA Groundwater Standards are also presented on Table 2.

January 17, 1997

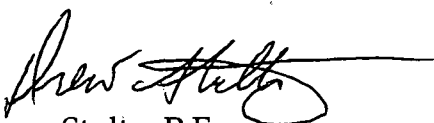
Reference No. 5020

- 2 -

The next groundwater sampling event is scheduled for November 1997. Should you have any questions or require additional information, please do not hesitate to contact the undersigned at 519-884-0510.

Yours very truly,

CONESTOGA-ROVERS & ASSOCIATES



Drew Stoltz, P.Eng.

DAS/csm/4

Encl.

c.c. Harry Nicholson, Jr.
Marne Smith
Alice J. Kryzan
Jim Kay

TABLE 1

**PURGING AND SAMPLING SUMMARY
LONG-TERM MONITORING PROGRAM
DOWCRAFT CORPORATION, ELLISON BRONZE SITE
FALCONER, NEW YORK**

<i>Well I.D.</i>	<i>Sample I.D.</i>	<i>Date</i>	<i>Time</i>	<i>Static Water Level (Ft. BTOC)</i>	<i>One Well Volume (Gallons)</i>	<i>Total Volume Purged (Gallons)</i>	<i>Turbidity (NTUs)</i>	<i>Volume/Analysis</i>
ESI-1R	W-5020-112596-003	11/25/96	1230	8.47	1.1	11.0	<0.2	2x(1) (MS/MSD)
ESI-1R	W-5020-112596-004	11/25/96	1300	—	—	—	—	(1) Blind Duplicate of W-5020-112596-003
ESI-2	W-5020-112596-002	11/25/96	1200	7.41	1.4	15.0	<0.2	(1)
ESI-3	W-5020-112596-001	11/25/96	1130	7.11	1.1	11.0	<0.2	(1)

Note:

(1) 1x500 mL plastic, Ba, Pb, Mn, and Fe preserved with nitric acid.

TABLE 2

ANALYTICAL DATA SUMMARY
GROUNDWATER SAMPLING
LONG-TERM MONITORING PROGRAM
DOWCRAFT CORPORATION, ELLISON BRONZE SITE
FALCONER, NEW YORK

<i>Parameter</i>	<i>Class GA Groundwater Standard (mg/L)</i>	<i>ESI-1R (Dup.) (mg/L)</i>	<i>ESI-2 (mg/L)</i>	<i>ESI-3 (mg/L)</i>
Total Lead	0.025	ND(0.005)/ND(0.005)	ND(0.005)	ND(0.005)
Total Barium	1.0	0.17/0.16	0.15	0.17
Total Iron	0.3*	0.15/0.14	0.09	0.06
Total Manganese	0.3*	2.4/2.4	0.17	0.007

Note:

* "This substance did not receive a review beyond determining that it is in a principal organic contaminant class and that it does not have a more stringent specific MCL. A more in-depth review, currently underway, could lead to a more (but not less) stringent guidance value."

Ambient Water Quality Standards and Guidance Values, New York State
Department of Environmental Conservation, Division of Water, Albany, New York,
October 1993.

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Division of Hazardous Waste Remediation
Inactive hazardous Waste Disposal Report

Site Name	Ellison Bronze Company						
CLASS CODE:	4	REGION:	9	SITE CODE:	907018	EPA ID:	
ADDRESS:	125 Main Street	TOWN/CITY:	Village of Falconer	COUNTY:	Chautauqua	ZIP:	14733
Latitude:	42 06' 57"	Longitude:	97 11' 57"				
SITE TYPE:	Dump	ESTIMATED SIZE:	Acres 2.6				

SITE OWNER/OPERATOR INFORMATION:

CURRENT OWNER NAME.....: Dowcraft Corporation
CURRENT OWNER ADDRESS.: 65 South Dow Street, Falconer, NY 14733
OWNER(S) DURING USE....: Ellison Bronze Company
OPERATOR DURING USE....: Ellison Bronze Company
OPERATOR ADDRESS.....: 125 Main Street, Falconer, NY
PERIOD ASSOCIATED WITH HAZARDOUS WASTE: From 1912 To Present

SITE DESCRIPTION:

This site was initially a foundry from 1912 until 1932 when the company changed its focus to commercial door manufacturing which continues today along with some foundry work.

The concern was for foundry sand fill under the employee parking lot and along the banks of the Chadakoin River and Moon Brook. The sand failed TCLP for lead at 99 ppm.

A company sponsored Environmental Investigation was conducted in the fall of 1990. In July 1992, a Remedial Investigation (RI) Summary Report and an Interim Remedial Measure (IRM) Work Plan were presented to DEC. The IRM proposed to deal with the foundry sand waste and soil at a former storage shed. In April 1993 contaminated soils were removed from the former storage shed area. A soils treatability study was completed in April 1994 for stabilization/solidification of the foundry sands.

The IRM was implemented between June and July of 1995. Cement based soil stabilization/solidification was performed on approximately 2000 tons of foundry waste (for lead) and on approximately 60 cubic yards of creek sediments (for copper). The summary report was finalized and approved in February 1996. A Record of Decision (ROD) recommending "No Further Action", was issued in March 1996. Groundwater monitoring will continue.

Confirmed Hazardous Waste Disposal:	Quantity:
Foundry sands with lead D008	90 cubic yards
Toluene U220	Unknown

Analytical Data Available for: Air, groundwater, surface water, soil, sediments.

Applicable Standards Exceeded in: TCLP lead in soils, lead in groundwater.

Geotechnical Information:	Depth to
Soil/Rock Type: Sand fill over sandy silt and clayey silt.	Groundwater: 6 to 8 feet.

LEGAL ACTION: State Consent Order	STATUS: Order met, work completed.
REMEDIAL ACTION: Completed	NATURE OF ACTION: IRM -- Soil stabilization

ASSESSMENT OF ENVIRONMENTAL PROBLEMS:

The foundry sand which was considered a hazardous waste due to TCLP failure for lead, was subject to erosion by the Chadakoin River and Moon Brook. The IRM stabilized the waste material which was buried and has removed copper contaminated sediments from the Chadakoin River and Moon Brook. **No environmental problems remain.**

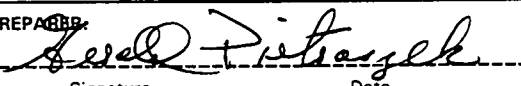

ASSESSMENT OF HEALTH PROBLEMS:



NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION

8/23/94

SITE INVESTIGATION INFORMATION

1. SITE NAME: Ellison Bronze		2. SITE NUMBER: 907018		3. TOWN/CITY/VILLAGE: Falconer (V)		4. COUNTY: Chautauqua			
5. REGION: 9		6. CLASSIFICATION:		CURRENT: 2		PROPOSED: 4		MODIFY:	
7. LOCATION OF SITE (Attach U.S.G.S. Topographic Map showing site location): a. Quadrangle: Jamestown b. Site Latitude: 42 06' 57" Site Longitude 97 11' 57" c. Tax Map Number: 105-17-1, 105-17-2, 105-17-2..A d. Site Street Address: 125 Main Street, Falconer, Ny 14733									
8. BRIEFLY DESCRIBE THE SITE (Attach site plan showing disposal/sampling locations): Ellison Bronze site is located on the south side of Main Street, immediately northwest of the Chadakoin River and immediately southwest of Moon Brook. The site was used for industrial purposes since the 1880's. Ellison operated a foundry until 1932 when operations were modified to commercial door manufacturing, which currently is on-going. Approximately 2/3 of the property has been developed into manufacturing with attendant parking areas. Topography is relatively flat with a slope of approximately 5'- 10' toward the Chadakoin River. Overburden soils consist of sand or sand and gravel. Shale bedrock is at approximately 300' depth. a. Area: approx. 2.6 acres b. EPA ID Number NYD002100303 c. Projects Completed (x)Phase I (x)Phase II ()PSA (X)RI ()PA/SI (X) Other: Treatability Study									
9. HAZARDOUS WASTE DISPOSED: The main concern at this site was foundry sand fill along the banks of the Chadakoin River and Moon Brook to the south and east of an employee parking area and under the parking area. The foundry sand failed TCLP for lead at 99 ppm. Copper in stream sediments was also an issue with potential impacts to aquatic life. Another concern was for a solvent storage shed where soil staining indicated 1000 ppm toluene in soil.									
10. ANALYTICAL DATA AVAILABLE: a. (x)Air (x)Groundwater (X)Surface Water (x)Sediment (x)Soil (x)Waste ()Leachate ()EPTox (x)TCLP b. Contravention of Standards or Guidance Values Total lead in foundry wastes at 3740 ppm -- TCLP Lead at 99 ppm, (D008) 5 ppm, std. Copper in stream sediments at 236 ppm 65 ppm, guidance Toluene in soils at 1000 ppm, (F005/U220) 1.5 ppm, guidance									
11. STATEMENT OF CONCLUSION: A Record of Decision was issued in March 1996 which recommended No Further Action based on a completed soil/sediment, stabilization/solidification process where approximately 1150 cubic yards of lead contaminated foundry waste and approximately 60 cubic yards of copper contaminated stream sediments were successfully treated by mixing of a reagent formula of 100 parts soil/30 parts water/20 parts cement. The treated material was subsequently placed on site with approximately 65-70 percent of the area being paved over with asphalt and the remainder being covered with soil and then vegetated. Long Term Monitoring and site maintenance will be required at this site.									
12. SITE IMPACT DATA: a. Nearest Surface Water: Distance: adjacent to site Direction: southeast Classification: C b. Nearest Groundwater: Depth: approx. 10 feet Flow Direction: South ()Sole Source (X)Primary ()Principal ()Perched c. Nearest Water Supply: Distance: approx. 1 mile Direction: NA Active: (X) Yes () No d. Nearest Building: Distance: adjacent Direction: north Use: manufacturing e. In State Economic Development Zone? (X)Y ()N i. Controlled Site Access? ()Y (X)N f. Are crops or livestock on site? ()Y (X)N j. Exposed hazardous waste? ()Y (X)N g. Documented fish or wildlife mortality? ()Y (X)N k. HRS Score: --- h. Impact on special status fish or wildlife resource? ()Y (X)N l. For Class 2: Priority Category:									
13. SITE OWNER'S NAME: Ellison Bronze Company			14. ADDRESS: 125 Main Street, Falconer, NY 14733			15. TELEPHONE NUMBER: 716/665-6210			
16. PREPARED:  Signature Date Gerald F Pietraszek, Sr. Engr. Geol., Region 9, NYSDEC - Buffalo Name, Title, Organization					17. APPROVED:  Signature Date Peter J. Buechi, P.E., Regional Eng., Region 9, NYSDEC - Buffalo Name, Title, Organization				

M. OOSTER

6 *[initials]* P. Buechi

New York State Department of Environmental Conservation
50 Wolf Road, Albany, New York 12233 - 7010



Michael Zagata
Commissioner

JUL 25 1996

RECEIVED

JUL 26 1996

NYSDEC-REG. 9
FOIL
☒ REL ☐ UNREL

Dowcraft Corporation
65 South Dow Street
Falconer, New York 14733

Dear Sir/Madam:

As mandated by Section 27-1305 of the Environmental Conservation Law (ECL), the New York State Department of Environmental Conservation (NYSDEC) must maintain a Registry of all inactive disposal sites suspected or known to contain hazardous waste. The ECL also mandates that this Department notify the owner of all or any part of each site or area included in the Registry of Inactive Hazardous Waste Disposal Sites as to changes in site classification.

Our records indicate that you are the owner or part owner of the site listed below. Therefore, this letter constitutes notification of change in the classification of such site in the Registry of Inactive Hazardous Waste Disposal Sites in New York State.

DEC Site No.: 907018
Site Name: Ellison-Bronze Company
Site Address: 125 West Main Street, Falconer, NY 14733

Classification Change from 2 to 4

The reason for the change is as follows:

- A Record of Decision was issued in March 1996 which recommended no further action based on a completed soil/sediment, stabilization/solidification process where approximately 1150 cubic yards of lead contaminated foundry waste and approximately 60 cubic yards of copper contaminated stream sediments were successfully treated by mixing of a reagent formula of 100 parts soil/30 parts water/20 parts cement. The treated material was subsequently placed on site with approximately 65-70 percent of the area being paved over with asphalt and the remainder being covered with soil and then vegetated. Long Term Monitoring and site maintenance will be required at this site.

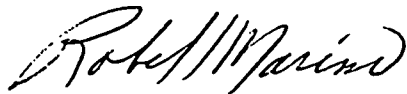
ReClass 2 → 4

Enclosed is a copy of the New York State Department of Environmental Conservation, Division of Hazardous Waste Remediation, Inactive Hazardous Waste Disposal Site Report form as it appears in the Registry and Annual Report, and an explanation of the site classifications. The Law allows the owner and/or operator of a site listed in the Registry to petition the Commissioner of the New York State Department of Environmental Conservation for deletion of such site, modification of site classification, or modification of any information regarding such site, by submitting a written statement setting forth the grounds of the petition. Such petition may be addressed to:

Michael Zagata
Commissioner
New York State Department of Environmental Conservation
50 Wolf Road
Albany, New York 12233-0001

For additional information, please contact me at (518) 457-0747.

Sincerely,



Robert L. Marino
Chief
Site Control Section
Bureau of Hazardous Site Control
Division of Environmental Remediation

Enclosures

bcc: E. Barcomb
R. Marino
T. Reamon
A. Sylvester

w/Enc. (Copy of Site Report form only)

R. Dana
A. Carlson, DOH
L. Condra
A. Snyder, R/9
P. Buechi, R/9
E. Belmore

AS/srh

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF ENVIRONMENTAL REMEDIATION
INACTIVE HAZARDOUS WASTE DISPOSAL REPORT

7/22/96

CLASSIFICATION CODE: 4

REGION: 9

SITE CODE: 907018

EPA ID: NYD002100303

NAME OF SITE : Ellison Bronze Company

STREET ADDRESS: 125 West Main Street

TOWN/CITY:

Falconer (V)

COUNTY:

Chautauqua

ZIP:

14733

SITE TYPE: Open Dump- X Structure- Lagoon- Landfill- Treatment Pond-
ESTIMATED SIZE: 2.6 Acres

SITE OWNER/OPERATOR INFORMATION:

CURRENT OWNER NAME....: Dowcraft Corporation

CURRENT OWNER ADDRESS.: 65 South Dow Street, Falconer, NY

OWNER(S) DURING USE....: Ellison Bronze Co.

OPERATOR DURING USE....: Ellison Bronze Co.

OPERATOR ADDRESS.....: 125 West Main Street, Falconer, NY

PERIOD ASSOCIATED WITH HAZARDOUS WASTE: From 1912 To Present

SITE DESCRIPTION:

This site was initially a foundry from 1912 until 1932 when the company changed its focus to commercial door manufacturing which continues today along with some foundry work.

The concern was for foundry sand fill under the employee parking lot and along the banks of the Chadakoin River and Moon Brook. The sand failed TCLP for lead at 99 ppm.

A company sponsored Environmental Investigation was conducted in the fall of 1990. In July 1992, a Remedial Investigation (RI) Summary Report and an Interim Remedial Measure (IRM) Work Plan were presented to DEC. The IRM proposed to deal with the foundry sand waste and soil at a former storage shed. In April 1993 contaminated soils were removed from the former storage shed area. A soils treatability study was completed in April 1994 for stabilization/solidification of the foundry sands. The IRM was implemented between June and July of 1995. Cement based soil stabilization/solidification was performed on approximately 2000 tons of foundry waste (for lead) and on approximately 60 cubic yards of creek sediments (for copper). The summary report was finalized and approved in February 1996. A Record of Decision (ROD) recommending "NO Further Action" was issued in March 1996. Groundwater monitoring will continue.

HAZARDOUS WASTE DISPOSED:

TYPE	QUANTITY (units)
Foundry sands with lead (D008 Waste)	90 cubic yards
Toluene (U220 Waste)	unknown

ANALYTICAL DATA AVAILABLE:

Air-X Surface Water-X Groundwater-X Soil-X Sediment-X

CONTRAVENTION OF STANDARDS:

Groundwater-X Drinking Water- Surface Water- Air-

LEGAL ACTION:

TYPE...: Consent Order State- X Federal-
STATUS: Negotiation in Progress- X Order Signed-

REMEDIAL ACTION:

Proposed- Under design- In Progress- Completed-X
NATURE OF ACTION: IRM - soil stabilization

GEOTECHNICAL INFORMATION:

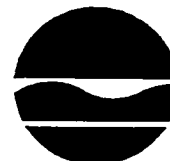
SOIL TYPE: Sand fill over sandy silt and clay silt
GROUNDWATER DEPTH: 10 ft.

ASSESSMENT OF ENVIRONMENTAL PROBLEMS:

The foundry sand which was considered a hazardous waste due to TCLP failure for lead, was subject to erosion by the Chadakoin River and Moon Brook. The IRM stabilized the waste material which was buried and and has removed copper contaminated sediments from the Chadakoin River and Moon Brook. No environmental problems remain.

ASSESSMENT OF HEALTH PROBLEMS:

The site is located in an industrial area in the Village of Falconer. Access to the contaminated area is restricted, however there is the potential for direct contact with contaminated soil and waste and inhalation of contaminated particulates if the site were to be disturbed. The proposed Interim Remedial Measure which includes the stabilization of contaminated material, paving of the stabilized disposal area and capping should eliminate potential routes of exposure and be protective of the Jamestown aquifer. The City of Jamestown municipal wells are located in this aquifer but are not impacted by the site. There are no known private wells in the area.



Michael D. Zagata
Commissioner

TRANSMITTAL MEMORANDUM

TO: DISTRIBUTION

FROM: Andrew J. English, Remedial Section B, Bureau of Western Remedial Action

RE: Record of Decision: Signed Copies *Andrew J. English*
Polymer Applications Site (9-15-044)
Bern Metal Site (9-15-135)
~~Ellison Bronze Site (9-07-018)~~
Ramco Steel Site (9-15-046B)
Vac Air Alloys Site (9-07-016)

DATE: April 25, 1996

Attached are copies of the RODs for the subject sites which were recently signed. Please maintain these in your files or in the document repository as appropriate.

If you have any questions or need additional information, please let me know (518-457-0315).

Attachment(s)

Distribution

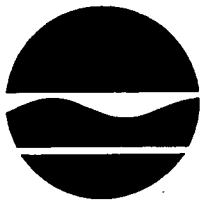
w/att. A. Quinn (for MJOT file)
E. Belmore
J. Harrington
M. Doster (14 Copies of Ellison Bronze, Ramco Steel, & Vac Air; 2 copies of
Polymer Applications & Bern Metal)
A. Carlson

w/o att. M. DiPietro
V. Nattanmai
S. Mittal
M. Van Valkenburg
G. Sutton
J. Walia
G. Pietraszek

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APR 26 1996

NYSDEC-REG. D
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REL UNREL



FAX

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
OFFICE OF THE REGIONAL DIRECTOR
REGION 9

DATE: 4-8-96

NUMBER OF PAGES BEING SENT: 3 (INCLUDING THIS ONE)

SENT TO: Mike Dipietro

FAX NUMBER: 518-457-3972

FROM: GARY PIETRASZ EN

MESSAGE: Ellison Bronze 907018

*This is the record which falls under
13 (NYSDC, Region 9 correspondence files)
of the Administrative Record.*

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NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
270 MICHIGAN AVENUE, BUFFALO, NEW YORK 14203-2999
(716)851-7200, TELECOPY(716)851-7211

ADMINISTRATIVE RECORD

8/22/91 Letter , Kryzan (Whiteman Osterman & Hanna) to Ryan DEC, Suggesting IRM. .

12/16/91 Meeting , DEC/Dowcraft/Empire Soils.

1/3/92 Memo , Doster (DEC) to Marino (DEC), Addition of site to registry.

3/30/92 DOH concurrence with classification of site to Class 2.

7/24/92 Memo , Kolak (DEC) to Pietraszek (DEC), Clean-up goals.

8/19/92 Letter , O'Connor (DOH) to Pietraszek, comments on RI and Interim Remedial Measure.

8/19/92 Memo , Doster to Marino, Addition to Registry form.

3/31/93 Letter , Marino to Dowcraft, Official notice of listing of site as Class 2.

4/6/93 Memo , O'Toole (DEC) to Lacey (DEE), Legal referral for action at Ellison Bronze.

6/29/93 Meeting , DEC/Ellison Bronze.

7/19/93 Letter , Pietraszek to Nicholson (Ellison) , Former Chemical Storage Shed, surface and subsurface soils removal.

10/14/93 Letter , Desmond (DEE) to Kryzan, concern over lack of response from Ellison.

11/5/93 Letter , Kay (CRA) to Nicholson, follow-up of NYSDEC/ Dowcraft meeting of 6/29/93.

11/19/93 Letter , Pietraszek to Nicholson, regarding soil removal from Ellison.

11/24/93 Memo , Carella (DFW) to Pietraszek, review of sediment analysis.

12/10/93 Letter , Erickson (Whiteman Osterman & Hanna) to Pietraszek, offsite removal vs. stabilization.

12/20/93 Letter , Desmond to Erickson, agreement with Treatability Study concept.

2/17/94 Letter , Desmond to Erickson, concern over delays.

3/9/94 Letter , Erickson to Desmond, response to 2/17/94 letter.

3/30/94 Conference Call , DEC/ Ellison.

6/13/94 Letter , Desmond to Erickson, DEC comments on Treatability Study Results.

7/20/94 Memo , Pietraszek to File, Notes of conference call of 7/19/94 with Ellison.

7/25/94 Letter , Erickson to Desmond, regarding conference call of 7/19/94.

8/3/94 Letter , Pietraszek to Erickson, Treatability Study/Scope of Work.

11/3/94 Letter , O'Connor to Pietraszek, comments of Health and Safety Plan.

12/19/94 Letter , Pietraszek to Kay, notes of meeting of 12/14/94 (DEC & Ellison).

1/24/95 Letter , O'Connor to Pietraszek, comment on Work Plan for Soil Stabilization.

2/9/95 Letter , Pietraszek to Kay, comments on IRM Work Plan with tentative approval.

2/17/95 Letter , Charles to Kryzan (Whiteman Osterman & Hanna), Order on Consent.

6/51/95 Letter , Charles to Kryzan, transmittal of duplicate, signed copy of Order on Consent.

7/27/95 Letter , Carlson (NYS DOH) to Buechi (NYSDEC), concurrence with IRM Decision Document.

10/31/95 Letter , O'Connor to Pietraszek, approval of Soil Stabilization Project report.

12/28/95 Letter , Pietraszek to Stoltz (CRA), comments on Soil/Sediment Stabilization Summary Report.

2/2/96 Letter , Stoltz to Pietraszek, response to DEC comments of 12/28/95. Request for change in long term monitoring.

2/21/96 Letter , Pietraszek to Nicholson, approval of Soil/Sediment Summary Report dated 1/96.

2/22/96 NYS DOH concurrence with PRAP.

3/13/96 Public Meeting on PRAP.

3/14/96 Letter , Stoltz to Pietraszek, re: Long Term Monitoring.

3/28/96 NYS DOH, concurrence with Record of Decision.

M. OOSTER E

P. P. Buechi
GFP



STATE OF NEW YORK DEPARTMENT OF HEALTH

Office of Public Health

11 University Place

Albany, New York 12203-3399

Barbara A. DeBuono, M.D., M.P.H.
Commissioner

RECEIVED
Karen Schimke
Executive Deputy Commissioner
APR 03 1996

March 28, 1996

NYSDEC-REG. 9
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Mr. Michael O'Toole, Jr., P.E., Director
Division of Hazardous Waste Remediation
NYS Department of Environmental Conservation
50 Wolf Road
Albany, NY 12233

RE: **Record of Decision**
Ellison Bronze Company
Site #907018
(T) Falconer, Chautauqua County

Dear Mr. O'Toole:

My staff reviewed the March 1996 Record of Decision (ROD) for the Ellison Bronze Company site. The selected remedy is the "No Further Action" alternative. This determination is based on the results of the completed Interim Remedial Measure (IRM) for the site. The major elements of the IRM included a determination of the extent of lead contamination, the collection and analysis of sediment samples from the Chadakoin River and from Moon Brook to determine the extent of copper contamination, and subsequent excavation, stabilization and replacement of contaminated foundry waste and contaminated stream sediment, on-site containment of these materials, and long-term groundwater monitoring. The IRM met the remedial action objective goals. With long-term monitoring and maintenance of the site, I believe the selected remedy is protective of public health and I concur with the ROD.

If you have any questions, please call me or Mr. Mark VanValkenburg at (518) 458-6310.

Sincerely,

G. Anders Carlson, Ph.D.
Director
Bureau of Environmental Exposure
Investigation

96085PRO0049

cc: Dr. N. Kim
Mr. M. VanValkenburg
Mr. C. O'Connor
Mr. E. Belmore - DEC
~~Mr. P. Buechi - DEC Reg. 9~~
Mr. S. Johnson - CCHD



MEMORANDUM

TO: Michael J. O'Toole, Jr., Director, Division of Hazardous Waste Remediation
FROM: Edward R. Belmore, Director, Bureau of Western Remedial Action, DHWR
RE: **ROD Briefing: Ellison Bronze Site No. 9-07-018**
DATE: MAR 25 1996

Edward R. Belmore

Attached for your review is the draft Record of Decision (ROD), for the Ellison Bronze site. Also attached is a ROD Summary Sheet. A briefing for you and Mr. Goddard has been scheduled for Wednesday, March 27, 1996 at 2:00 PM in your office.

The Project Manager for this site is Gerry Pietraszek from the Region 9 office.

RECEIVED

MAR 27 1996

Attachments

NYSDEC-REG. 9
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c: w/att. - C. Goddard

c: w/o att. - G. Pietraszek

mhd

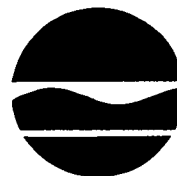
All went very well

No problems

JP

New York State Department of Environmental Conservation
Natural Resources Office - Region 9
128 South Street
Olean, New York 14760-3632
(716) 372-0645

Releasable



Michael D. Zagata
Commissioner

MEMORANDUM


TO: Messrs. Gerry Pietraszek & Marty Doster, Reg. 9 - DHWR
Mr. Cameron O'Connor, DOH - Buffalo
Mr. Steve Weingold, DOH - HeLP pgm - Albany

FROM: Ms. Patti Nelson, Reg. 9 - CPS

SUBJECT: ELLISON BRONZE PRAP MEETING

DATE: March 18, 1996

The following is a list of the questions/comments from the Ellison Bronze PRAP meeting on March 13, 1996. Also attached is a copy of the sign-in list.

- 
1. Was the entire area shown on the map (overhead) excavated?
 2. After solidification, was the material put back into the excavated area?
 3. Was anything done to remove the sediment? Was the soil treated chemically before it was mixed with cement? What brought the lead levels down?
 4. How did you define the area in the River to be excavated?
 5. What are silt curtains and jersey barriers? When silt curtains are put in, do they have to be at the depth of the water?
 6. Did they do the stream excavation from the shore?
 7. What are the phenolics?
 8. Can you sample on-site or do you have to send samples off-site for analysis?
 9. Who analyzes the samples? Does DEC have their own lab?
 10. Does DEC feel the project is complete?

Other Questions - (non-site related)

1. Can you eat fish from Lake Erie more than once a week now? (asked by Mr. M. Anderson)
2. Mr. Anderson once visited the local sanitary landfill, drove through leachate which was flowing across the road, and it smelled bad once he got home.
3. Did Mr. Pietraszek work on the Pelican Mfg. site?
4. At a recent meeting, Mr. David Flynn, a Buffalo attorney, told people about Chase Interiors, brownfields, and a grant they are trying to get. Does DEC know anything about this?
5. What was the NAPL found at VAC-AIR site? Where did it come from?



Patti Nelson
Citizen Participation Specialist
Region 9

PN/dm

TOPIC: Ellison Bronze PRAP

DATE: 3/13/95 7pm

NAME (PRINT ONLY)

STREET ADDRESS

CITY

ZIP CODE

Matthew W. Hanley

12 ORCHARD RD. ^{Box} 1139

Jamestown

N.Y. 14701

MANLEY J. ANDERSON

311 MONROE ST.

JAMESTOWN, N.Y. 14701

work# ~~487-1111~~ ext. 241

Matt 487-1151

NYS DEC MEETING SIGN IN

TOPIC: Ellison Bronze PRAP

DATE: 3/13/95 7pm

NAME (PRINT ONLY)

STREET ADDRESS

CITY

ZIP CODE

Matthew W. Hanley

12 ORCHARD RD. ^{Box} 1139

Jamestown

N.Y. 14701

MANLEY J. ANDERSON

311 MONROE ST,

JAMESTOWN, N.Y. 14701

waht ~~487~~ - 487-1151

Matt 487-1151

Elison Bronze PRAP mtg.

Feb 26 - Mar. 26

photos to
look at
mention → comment
period
↓
Resp Summary

- DOH - if any Qs - we can take
them to CDC or
you can call him -
(716) 847 4502

100-30-20

soil #s	H ₂ O #s	cement #s

• Was the entire area on the map excavated?

(Y) about 15% of paved play area + the adj.
stream bank area

• After solidified, the material went bk into the
excavated area? (Y) after testing

• Was anything done to remove the sediment? Was
the soil treated chemically before it was
mixed w/ cement? What brought the lead
levels down? - (It becomes encapsulated)

How did you define the area in River to be
excavated?

What are silt curtains and jersey barriers?

When silt curtains are put in, do they have to be the depth of H_2O ? (expl. + talked about rel. low H_2O levels)

Did they do stream excav. from shore?

talked about M.B. fr. shore / River = diverted H_2O

What are the phenolics?

Can you eat fish fr. L. Erie more than 1x/week?
(Mr. Anderson) we will check!

Can you sample on site or do you send samples off site?

Who ^{analyzes} samples -

does DEC have their own lab?
(DOH - has lab; but co. maint. + resp for anal.)

So, you feel pjt is complete? (1) exc. LT mon., un. under disc. w/ co.

leachate leak @ local landfill -

Hospital spokesman Douglas Fen-
praised the court-imposed dead-
"The hospital is pleased with the
initial decision," he said.

library books, summer work by
ram also will be cut. Additionally,
schools' donation to the village's
Anderson-Lee Library will be reduced.
"We're taking an \$11 million busi-
ness and trying to plan in advance for
it when we don't even know a month in
advance what we're getting," he said.

Industrial park

problems at several intersec-
in the town — some that
seen the scene of fatalities.
also said there needs to be
ed cooperation between the
school districts serving the

ervisor Allan LeBarron
if he was referring to con-
lon of schools.
net replied, "We can either
rate or get something
d down our throats."
of this is tentative but we
o look at a much broader
than we ever have before,"
said.

FALCONER DEC to continue monitoring waste site

By SHEILA MCCARTHY
News Chautauqua Correspondent

FALCONER — The state Department of Envi-
ronmental Conservation will continue to monitor
the former hazardous waste site at Ellison Bronze
Co. for the next three years, now that the cleanup
is complete.

During a final public meeting Wednesday night,
DEC project manager Gerald Pietraszek said the
excavation and stabilization of the site worked well
to remediate lead and copper contamination in
soil and water.

"We feel the site has been adequately cleaned
up," Pietraszek said. "Monitoring essentially entails
sampling the three ground-water wells and inspec-
tion and upkeep of the areas that were excavated.
They have to make sure the parking lot asphalt
stays intact and that there is no stream erosion
along the banks of Moon Brook or the Chadakoin
River."

The contamination was uncovered at the 2.6-
acre site on West Main Street during an environ-
mental audit in 1990, when Dowcraft Corp. bought
the company, which makes commercial doors. The
cleanup work was done last summer under an
agreement between the DEC and Dowcraft.

Dowcraft Corp. chief executive officer Harry
Nicholson last year criticized the DEC for forcing
his company to spend \$190,000 on the cleanup
and another \$800,000 for investigating and docu-
menting procedures. Nicholson said a less-costly
procedure could have resulted in the same out-
come.

Citizen participation specialist Patricia Nelson
said the DEC still officially must document the
project before it is finalized. Anyone who has
questions or comments can write or call the DEC.
Nelson said those comments will be included in
the final record of decision on the project.

Buffalo News
3/15/96

School Board seat

"Whether it's work in the sum-
mer or a part-time job, students
need to be prepared," Luscher
said.

Luscher filed petitions carrying
181 signatures. One hundred valid
signatures are required to get on
the ballot. Carolyn Thomas, clerk
of the School Board, said the sig-
natures have not yet been validat-
ed.

Nine others have expressed an
interest in running for four of the
board's seven seats. Petitions are
due back at the end of the month
for the election in May.

Ellison Bronze
807018

Post by Fax Note	7671
Mr. Nelson	3/15
Co/Direct	Mr. Nelson
Phone #	378 0695
Fax #	378 2113

CRA

651 Colby Drive
Waterloo, Ontario N2V 1C2
(519) 884-0510 (Colby Office)
(519) 725-3313 (Bathurst Office)

MEMO

GFP *[initials]*
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MAR 18 1996

NYSDEC-REG. 9
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TO: Gerry Pietraszek - NYSDEC

REFERENCE NO.: 5020/csm/1

FROM: Drew Stoltz

DATE: March 14, 1996

RE: Ellison Bronze Historical Groundwater Sample Data # 907018
Long-Term Monitoring Plan

c.c. Harry Nicholson, Alice Kryzan, Martin Doster, Jim Kay

Pursuant to your letter dated February 21, 1996 regarding the Ellison Bronze Soil/Sediment Stabilization Summary Report, and specifically with respect to Long-Term monitoring at the Site, Conestoga-Rovers & Associates on behalf of Dowcraft Corporation again wishes to formally request that the NYSDEC consider the Long-Term monitoring program complete upon receipt of clean sample data from the November 1996 sampling round.

An initial round of groundwater samples from the three wells was collected in March 1992. Lead concentrations were reported above the NYS class GA standard; however, the samples were deemed invalid due to the presence of sediment in the samples.

Prior to the remedial action activities at the Site, lead concentrations were not present above the method detection limit of 0.04 mg/L in two of the three samples collected in November 1992. Lead was found to be present at a concentration of 0.04 mg/L at ESI-3 which is the upgradient well at the Site. The New York State (NYS) class GA groundwater standard for lead is 0.025 mg/L.

Considering that:

- Historical data shows that lead had not impacted the Site groundwater prior to remediation;
- The sampling performed during the remedial activity demonstrated that the remediated material met NYS class GA groundwater standards even when subjected to TCLP testing methodologies; and
- Post stabilization monitoring has shown that lead levels in the groundwater are well below 0.025 mg/L;

Dowcraft believes that one final clean round of groundwater samples (November 1996) is sufficient data to consider long-term monitoring complete.

A summary of the historical groundwater data is provided below for your review. We look forward to discussing this with you further.

		CONCENTRATIONS (mg/L)					
New York State		<u>ESI-1</u>		<u>ESI-2</u>		<u>ESI-3</u>	
Groundwater	Parameter	11/92	11/95	11/92	11/95	11/92	11/95
Standard							
0.025	Lead (1)	<0.04	0.002/ 0.004 (2)	<0.04	ND (0.002)	0.04	0.003

Notes:

(1) Lead was the only parameter analyzed for during the November 1992 and 1995 sampling rounds.

(2) Duplicate sample location.

New York State Department of Environmental Conservation

Bureau of Media Services, Room 535

50 Wolf Road, Albany, New York 12233-4500

(518) 457-2344

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MAR 05 1996

N.Y.S. DEPT. OF
ENVIRONMENTAL CONSERVATION
REGION 9



Michael D. Zagata
Commissioner

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Non-Releasable ☐

MEMORANDUM

TO: Project Managers *Gerald Pietrangeli*
FROM: Barbara Hogan
RE: Remedial Action Report Update
DATE: February 26, 1996

Ellison Bronze 907018
~~Stauffer Chemical Plant Site 952053~~

It's that time again. I need your help in updating DHWR's Remedial Action Report. This publication reports on sites where remedial construction, Records of Decision or state or federal emergency remedial activities have occurred during FY 95/96.

Attached is a questionnaire with a list of your projects by site name, number and county. For your convenience I've included copies of your sites that were reported in the Remedial Action Report FY 1994/95. Please update these news briefs using the questionnaire as a guide.

Please return the information to me by the week of March 25, 1996 and include a phone number where you can be reached. If you have any questions, feel free to contact me at:

GroupWise -- ljkaska main nysdec
Office -- (518) 457-2344
Fax -- (518) 457-0855

Thank you.

STAUFFER PLANT SITE

NIAGARA COUNTY

932053

Remedial construction began in June, 1995. A bedrock groundwater extraction system was installed; facilities at four soil vapor extraction areas were constructed; a treatment plant was constructed for both groundwater and soil vapor treatment, and the site was top soiled and seeded. Final site activities will occur in spring 1996.

ELLISON BRONZE

CHAUTAUQUA COUNTY

907018

The Interim Remedial Measure (IRM) was finalized in June 1995. IRM remedial construction took place from June to August, 1995. Remedial work involved excavation, stabilization/solidification of foundry waste and creek sediments. A proposed Remedial Action Plan was finalized in February, 1996. A Record of Decision was issued on March 28, 1996.



FAX

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
OFFICE OF THE REGIONAL DIRECTOR
REGION 9

DATE: 4-8-96

NUMBER OF PAGES BEING SENT: 2 (INCLUDING THIS ONE)

SENT TO: Barbara Hogan

FAX NUMBER: 518 457 0855

FROM: GERRY PIETRASZEK

MESSAGE: update info requested
Questions --- please call 851-7220

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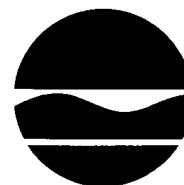
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270 MICHIGAN AVENUE, BUFFALO, NEW YORK 14203-2999
(716)851-7200, TELECOPY(716)851-7211

905022	Van Der Horst Corp. Plant No. 1	Cattaraugus	Founded in 1940, the VanDerHorst Corp. had two plating operation facilities located in Olean Plant No. 1 and Plant No. 2. Plant No. 2 carried out iron plating to repair and restore worn surfaces of machinery components, including cylinders and crankshafts. The plating process used many large open holding tanks containing a variety of hazardous substances. Several in-ground tanks, located inside the building, were major contributors to subsurface soil and groundwater contamination. On-site disposal of wastes occurred throughout the plant's active period. Wastes from Plant No. 1 may have been dumped at this site. Plant No. 2 ceased operations in 1987. A 1988 DEC investigation showed high concentrations of barium and chromium in the soil. In 1989, an EPA emergency action removed for disposal large volumes of corrosive plating solutions and other hazardous substances in the VanDerHorst plants. The corporation did not have the financial resources to undertake remedial activities. A state-funded RI/FS was completed in 1992. The ROD calls for asbestos removal, demolition of the building and offsite disposal, onsite consolidation of soil and sediments from Two-mile Creek, stabilization of soils exhibiting hazardous characteristics for onsite consolidation, removal of catch basin sediments for onsite consolidation, capping of the consolidated area and long-term groundwater monitoring. Asbestos abatement and demolition activities were completed on January 23, 1995. Currently, the final remedial design for the remediation of Two Mile Creek, soil excavation and consolidation and capping of the consolidated area has been completed. Construction is expected to begin in August 1995.
907018	Ellison Bronze	Chautauque	This 2.6-acre site was originally a foundry that operated from 1912 until 1932 when the company began manufacturing commercial doors along with some foundry work. Contaminated foundry sand fill is under the employees' parking lot and along the banks of the Chadakoin River and Moon Brook. A 1990 investigation found waste foundry sand containing lead. An IRM has been proposed to solidify the lead waste in place and remove 50 cubic yards of sediments containing copper.
915148	O-Cel-O Sponge Plant	Erie	For at least 30 years, during routine transfers from railroad tank cars to an above ground storage tank, carbon disulfide was spilled and eventually leached into soils and into a drainage swale. Carbon disulfide was first observed in the soils during the repair of the storage tank's protective dike. Ignition of the carbon disulfide occurred while jackhammering the concrete. To eliminate future spills, the storage tank and surrounding overflow dike have been redesigned and transfer procedures modified. Under an IRM, the PRP has excavated and removed nearly 300 cubic yards of soils contaminated with carbon disulfide, replaced the excavated soils with clean fill and constructed a carbon disulfide bulk storage and handling facility.
932010	Lockport City Landfill	Niagara	From the 1950s to 1976, the site was used as a sanitary landfill for the city, also for disposal of industrial wastes. Materials disposed of included barrels, plastics, glass, oxy-lite, sewage sludge and paper. Other wastes included PCBs, acids, metal sludges, flammable and possibly alkaline materials. A 1992 ROD called for installation of a cap in accordance with Part 360 regulation, excavation of waste material from a steep embankment and placement under the cap, perimeter fencing and long-term monitoring. Remedial construction was started in 1994 and will be completed during the summer of 1995. The cap is 80 percent complete. This is a Title 3, EQBA-funded site.
932021	Hooker-Hyde Park Landfill	Niagara	This 15-acre site was used by Hooker Chemicals and Plastics, now Occidental Chemical Corp. (OCC), as a dump from 1953 to 1975. Approximately 80,000 tons of hazardous materials were disposed of at this landfill, including 3,300 tons of TCP wastes. Fourteen years ago, the landfill was capped by OCC on an interim basis with clay and surrounded with an overburden leachate collection system, to limit drainage of runoff into Bloody Run creek. Since then, onsite lagoons have been eliminated, and other remedial work completed to further reduce migration of contaminants offsite. During 1994, the Lockport bedrock prototype groundwater pumping system was completed. The system is undergoing an evaluation prior to design of the final operational system. In addition, OCC completed closure of the landfill with the installation of a composite cap.

P. 70

New York State Department of Environmental Conservation
270 Michigan Avenue, Buffalo, New York 14203-2999



Michael D. Zagata
Commissioner

February 23, 1996

Ms. Sue Seamons
Falconer Village Library
101 West Main St.
Falconer, NY 14733

Enclosed for public viewing are two (2) reports on work which was done at the Ellison Bronze Site, 125 West Main Street, Falconer, NY, as part of a hazardous waste clean-up project.

Also enclosed, find two (2) copies of a Proposed Remedial Action Plan for this same site. Since field work is complete, no further action is anticipated for the site. A public meeting announcement is enclosed for your information and posting. A mailing of public notice is going out today.

If there are any questions, please call me at 716-851-7220.

Sincerely:

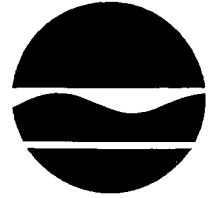
Gerald Pietraszek
Senior Engineering Geologist
Hazardous Waste Remediation

mailed 2/23/96

GFP-AD
file -

NOTICE OF PUBLIC MEETING

**Ellison Bronze, SITE # 907018
125 Main Street
Village of Falconer, Chautauqua County**



The New York State Department of Environmental Conservation (NYSDEC), in consultation with the New York State Department of Health (NYS DOH), has prepared the Proposed Remedial Action Plan (PRAP) for the Ellison Bronze hazardous waste site in the Village of Falconer. The PRAP outlines work which was completed under an Interim Remedial Measure (IRM). The work included: Collection and analysis of subsurface soil samples to determine the exact extent of lead contamination; Collection and analysis of sediment samples from the Chadakoin River and Moon Brook to determine the extent of copper contamination; Excavation, stabilization and replacement of approximately 1,150 cubic yards (1650 tons) of contaminated foundry waste and the excavation and stabilization of approximately 60 cubic yards (100 tons) of contaminated stream sediment; On-site stabilization, consisting of mixing of the soils with cement and water, then placement back into the on-site excavation, final grading and placement of an asphalt cover over the parking area and topsoil on the stream banks; Monitoring of both excavated and treated material to determine limits of work and proper degree of treatment of compacted soils; and Long Term Monitoring and Maintenance.

This work, as completed, is the proposed remedy for this site and since this work has been satisfactorily completed, no further action is recommended for the site. The NYSDEC will not finalize the recommendation of "No Further Action" until careful consideration has been given to all comments submitted during a public comment period.

We would like you to review this plan and provide comments to us. We have placed copies of the PRAP in the document repository at the Village of Falconer, Public Library for you to review.

A public meeting will be held:

WEDNESDAY, March 13, 1996

7:00 PM

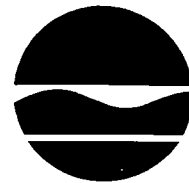
**SENIOR CITIZEN'S MEETING ROOM, TOWN HALL
ELLICOTT, NEW YORK**

The NYSDEC will present a short summary of the PRAP, followed by a question and answer period. During the question and answer period, your comments will be noted and will become part of the Administrative Record for the project.

All public comments, whether written or verbal, carry the same weight and will be considered prior to finalizing the remedial plan. **A 30-day comment period extends from February 26, 1996 until March 26, 1996.** You may make a short statement at the meeting, present your comments in writing at the meeting, or mail your written comments by March 23, 1996 to: **Mr. Gerald Pietraszek, NYSDEC, 270 Michigan Ave., Buffalo, NY 14203-2999.**

Please contact Mr. Pietraszek (Project Manager) or Ms. Patricia Nelson (Citizen Participation Specialist) at (716)851-7220 if you have any questions before the meeting.

New York State Department of Environmental Conservation
270 Michigan Avenue, Buffalo, New York 14203-2999



Michael D. Zagata
Commissioner

February 22, 1996 FOIL

Releasable ✓
Non-Releasable

Mr. Harry B. Nicholson, Jr.
Chief Executive Officer
Dowcraft Corporation
Falconer, NY 14733

Dear Mr. Nicholson:

Enclosed, for your information, is a copy of the Proposed Remedial Action Plan for the Ellison Bronze Company. As noted in the document, the proposal calls for "No Further Action".

I have scheduled a public meeting, for March 13, 1996 at the Senior Citizen Center in the Ellicott Town Hall, 215 South Work Street. A public comment period will extend from February 26, 1996 to March 26, 1996. Subsequent to the public comment period and assuming no problems, a Record of Decision can be issued which will finalize this project.

Sincerely:

Gerald Pietraszek
Senior Engineering Geologist
Hazardous Waste Remediation

cc: Mr. Martin Doster HWR
Mr. Joseph Ryan, DEE
Mr. Cameron O'Connor, DOH
Ms. Alice J. Kryzan, Esq., Whiteman Osterman & Hanna - w/ attachment
Mr. Drew Stoltz, CRA - w/ attachment



STATE OF NEW YORK
DEPARTMENT OF HEALTH

Office of Public Health

11 University Place Albany, New York 12203-3399

Barbara A. DeBuono, M.D., M.P.H.
Commissioner

Karen Schimke
Executive Deputy Commissioner

February 22, 1996

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FEB 26 1996

NYSDEC-REG. 9
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☒ REL ☐ UNREL

Mr. Michael O'Toole, P.E., Director
Division of Hazardous Waste Remediation
NYS Department of Environmental Conservation
50 Wolf Road
Albany, NY 12233

RE: Proposed Remedial Action Plan
Ellison Bronze Company
Site #907018
(1) Falconer, Chautauqua County

Dear Mr. O'Toole:

My staff reviewed the January 1996 Proposed Remedial Action Plan (PRAP) for the Ellison Bronze Company site. The PRAP recommends the "No Further Action" alternative. This determination is based on the results of the completed Interim Remedial Measure (IRM) for the site. The major elements of the IRM included a determination of the extent of lead contamination, the collection and analysis of sediment samples from the Chadakoin River and from Moon Brook to determine the extent of copper contamination, and subsequent excavation, stabilization and replacement of contaminated foundry waste and contaminated stream sediment, on-site containment of these materials, and long-term groundwater monitoring. The IRM met the remedial action objective goals. With long-term monitoring and maintenance of the site, I believe the proposed remedy is protective of public health and I concur with the PRAP.

If you have any questions, please call me or Mr. Mark VanValkenburg at (518) 458-6309.

Sincerely,

G. Anders Carlson, Ph.D.
Director
Bureau of Environmental Exposure
Investigation

96031PRO0174

cc: Dr. N. Kim
Mr. M. VanValkenburg
Mr. C. O'Connor
Mr. E. Belmore - DEC
Mr. P. Buechi - DEC Reg. 9
Mr. S. Johnson - CCHD



STATE OF NEW YORK DEPARTMENT OF HEALTH

Office of Public Health

11 University Place Albany, New York 12203-3399

Barbara A. DeBuono, M.D., M.P.H.
Commissioner

Karen Schimke
Executive Deputy Commissioner

February 22, 1996

Mr. Michael O'Toole, P.E., Director
Division of Hazardous Waste Remediation
NYS Department of Environmental Conservation
50 Wolf Road
Albany, NY 12233

RE: Proposed Remedial Action Plan
Ellison Bronze Company
Site #907018
(T) Falconer, Chautauqua County

Dear Mr. O'Toole:

My staff reviewed the January 1996 Proposed Remedial Action Plan (PRAP) for the Ellison Bronze Company site. The PRAP recommends the "No Further Action" alternative. This determination is based on the results of the completed Interim Remedial Measure (IRM) for the site. The major elements of the IRM included a determination of the extent of lead contamination, the collection and analysis of sediment samples from the Chadakoin River and from Moon Brook to determine the extent of copper contamination, and subsequent excavation, stabilization and replacement of contaminated foundry waste and contaminated stream sediment, on-site containment of these materials, and long-term groundwater monitoring. The IRM met the remedial action objective goals. With long-term monitoring and maintenance of the site, I believe the proposed remedy is protective of public health and I concur with the PRAP.

If you have any questions, please call me or Mr. Mark VanValkenburg at (518) 458-6309.

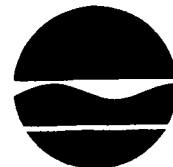
Sincerely,

G. Anders Carlson, Ph.D.
Director
Bureau of Environmental Exposure
Investigation

96031PRO0174

cc: Dr. N. Kim
Mr. M. VanValkenburg
Mr. C. O'Connor
Mr. E. Belmore - DEC
Mr. P. Buechi - DEC Reg. 9
Mr. S. Johnson - CCHD

New York State Department of Environmental Conservation
270 Michigan Avenue, Buffalo, New York 14203-2999
(716) 851-7220



Michael D. Zagata
Commissioner

February 21, 1996

Mr. Michael Erlandson
Town Clerk, Town of Ellicott
215 South Work St.
Falconer, NY 14733

Dear Mr. Erlandson,

I am writing in regard to the Department's use of the Senior Citizen's meeting room in the Town Hall for a public meeting. The meeting is planned for Wednesday, March 13, 1996, at 7 pm. The topic of the meeting is the Proposed Remedial Action Plan for the Ellison-Bronze hazardous waste site.

We will arrive approximately one-half hour prior to the start of the meeting, to set up audio-visual equipment. Typically, these meetings run for an hour and a half. Within the next few days, the Department will issue a meeting notice to interested citizens and local officials. Copies of the Proposed Remedial Action Plan will be available at the site document repository at the Falconer Village Library for public review. A copy is enclosed for your information.

Thank you in advance for your help in setting up this meeting. Please contact me at (716) 851-7220 if you have any questions prior to the meeting.

Sincerely,

Patricia L. Nelson
Citizen Participation Specialist

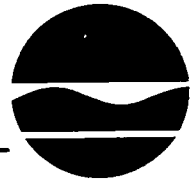
cc: Mr. G. Pietraszek, Project Manager

New York State Department of Environmental Conservation
270 Michigan Avenue, Buffalo, New York 14203-2999

FOIL

Releasable ☒

Non-Releasable ☐



Michael D. Zagata
Commissioner

February 21, 1996

Mr. Harry B. Nicholson, Jr.
Chief Executive Officer
Dowcraft Corporation
Falconer, NY 14733

Dear Mr. Nicholson:

Ellison Bronze Site
Soil/Sediment Stabilization
Summary Report

The Soil/Sediment Stabilization Summary Report, dated January 1996, has been reviewed and is acceptable as presented.

- Long Term Monitoring has been evaluated. The requirements will include:
- a) Semi-annual inspections of the paved areas, grass area, stream banks and on-site monitoring wells.
 - b) Annual groundwater sampling of the three on-site wells. Analysis will include barium, iron, lead and manganese. After 3 years, an assessment will be done regarding the continuance of the groundwater monitoring.

If there are any questions regarding the above, please call me at 851-7220.

Sincerely:

Gerald Pietraszek
Senior Engineering Geologist
Hazardous Waste Remediation

cc: Mr. Martin Doster, HWR
Mr. Joseph Ryan, DEE
Mr. Cameron O'Connor, DOH
Ms. Alice J. Kryzan, Esq., Whiteman Osterman & Hanna
Mr. Drew Stoltz, CRA



Michael D. Zagata
Commissioner

MEMORANDUM

TO: Michael J. O'Toole, Jr., Director, Division of Hazardous Waste Remediation

FROM: Edward R. Belmore, Director, Bureau of Western Remedial Action, DHWR

RE: PRAP Briefing: Ellison Bronze Site No. 9-07-018 *Edward R. Belmore*

DATE: FEB 15 1996

Attached for your review is the draft Proposed Remedial Action Plan (PRAP), for the Ellison Bronze site. Also attached is a PRAP Summary Sheet. A briefing for you and Mr. Goddard has been scheduled for Wednesday, February 21, 1996 at 10:00 AM in your office.

The Project Manager for this site is Jerry Pietraszek from the Region 9 office.

Attachments

c: w/att. - C. Goddard

c: w/o att. - Jerry Pietraszek ✓

JPD

CONESTOGA-ROVERS & ASSOCIATES LIMITED
Consulting Engineers

Ellison Bronze Site # 907018

February 2, 1996

Mr. Pietraszek:
Letter and (1) report
sent FED Ex on Feb. 2/96
✓ Please find -2-
(2) copies attached.

RECEIVED
FEB 1996

Reference No. 5020

Please find attached three (3) copies of the final report. Should you have any further comments or questions regarding this report please do not hesitate to contact the undersigned or Mr. Jim Kay at 519-884-0510.

Yours very truly,

CONESTOGA-ROVERS & ASSOCIATES



Drew Stoltz, P.Eng.
DAS/csm/3

Encl.

c.c. Martin Doster, Hazardous Waste Remediation
Joseph Ryan, Division of Environmental Enforcement
Andrew English, Division of Hazardous Waste Remediation
Ken Taft, F&W-Olean
Cameron O'Connor, Bureau of Environmental Exposure Investigation
Harry Nicholson, Jr., Dowcraft
Alice J. Kryzan, Esq., Whiteman, Osterman & Hanna
J. Kay - CRA

CRA

Consulting Engineers

CONESTOGA-ROVERS & ASSOCIATES LIMITED

651 Colby Drive
Waterloo, Ontario, Canada N2V 1C2
(519) 884-0510 Colby Office Fax: (519) 884-0525
(519) 725-3313 Bathurst Office (519) 725-1394

DATE:

JANUARY 24/96

PROJECT NUMBER:

5020

PROJECT NAME:

ELLISON BRONZE

907018

TRANSMITTAL TO:

MR. GERRY PIETRASZEK

NYSDEC

270 MICHIGAN AVENUE

BUFFALO, NY 14203-2999

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JAN 25 1996

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Please find: ☐ Draft
☐ Originals

☐ Final
☒ Other

Sent via: ☐ Mail
☒ Overnight Courier

☐ Sameday Courier
☐ Other

QUANTITY	DESCRIPTION
1	ALL TABLES AND FIG'S 1.1, 3.2 and 3.4 From Ellison Bronze Soil/Sediment Stabilization Summary Report

☐ As Requested
☒ For Your Use
☐ For Review

☐ For Review and Comment
☐ _____

COMMENTS:

Per our discussion!

Regards
DS

Copy to: _____

Signed: _____

[Signature]

