

8100 N. Austin Avenue Morton Grove, IL 60053-3203 P 847.967.6666 800.246.0663 F 847.967.6735 www.emt.com

Analytical Report

Dave Bremer
Carnow Conibear & Assoc. Ltd.
600 W. Van Buren Street, Ste 500
Chicago, IL 60607

May 23, 2016

Work Order: 16E0770

RE: CCA DW
Olympia Park

Dear Dave Bremer:

Enclosed are the analytical reports for the EMT Work Order listed. Also included with this analytical report is a copy of the chain of custody associated with these samples. If you have any questions, please contact me.

Sincerely,



Tim Witrzek For Arminta Priddy
Project Manager
847.967.6666
apriddy@emt.com
Approved for release: 5/23/2016 6:42:55AM

Approved by,



Gerald L. Bagnowski Jr.
Laboratory Director

The contents of this report apply to the sample(s) analyzed. No duplication is allowed except in its entirety. Detection and Reporting limits are adjusted for sample size used, dilutions and moisture content, if applicable.

State of Illinois, NELAP Accredited Lab No. 100256, Cert No. 003674



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Sample Summary

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Drinking Fountain	16E0770-01	Drinking Water	05/20/16 07:54	05/21/16 08:18

Case Narrative

Client: Carnow Conibear & Assoc. Ltd.

Date: 05/23/2016

Project: CCA DW
Olympia Park

Work Order: 16E0770

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

Sample results only relate to the sample(s) received at the laboratory and analytes of interest tested.

Work Order: 16E0770

The samples were received on 05/21/16 08:18. The samples arrived in good condition and properly preserved. The temperature of the cooler at receipt was

<u>Cooler</u>	<u>Temp C°</u>
Default Cooler	17.0

Refer to Qualifiers and Definitions for quality and analytical clarifications or deviations.

8100 N. Austin Avenue Morton Grove, IL 60053-3203 P 847.967.6666 800.246.0663 F 847.967.6735 www.emt.com**Client Sample Results**

Client: Carnow Conibear & Assoc. Ltd.
Project: CCA DW
Olympia Park
Work Order: 16E0770

Client Sample ID: Drinking Fountain
Report Date: 05/23/2016
Collection Date: 05/20/2016 07:54
Matrix: Drinking Water
Lab ID: 16E0770-01

Analyses	Result	EMT Reporting		Qual	Units	MDL	Date/Time Analyzed	Batch	Analyst
		Limit							
Metals by ICP-MS									
Method: E200.8									
Lead	0.00253	0.00500	J	mg/L	0.000120	05/22/16 14:53	B6E0817	AG	

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Dates Report

Client: Carnow Conibear & Assoc. Ltd.**Report Date:** 05/23/2016**Project:** CCA DW
Olympia Park**Work Order:** 16E0770

Sample ID	Client Sample ID	Collection	Matrix	Test Name	Leached Prep Date	Prep Date	Analysis Date	Batch ID	Sequence
16E0770-01	Drinking Fountain	05/20/16	Drinking Water	Lead, Total ICP-MS		05/22/16 11:19	05/22/16 14:53	B6E0817	S6E0371

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Quality Control

Client: Carnow Conibear & Assoc. Ltd.

Report Date: 05/23/2016

Project: CCA DW
Olympia Park

Matrix: Drinking Water

Work Order: 16E0770

Metals by ICP-MS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
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Batch: B6E0817

Blank (B6E0817-BLK1)

Prepared: 05/22/2016 11:19 Analyzed: 05/22/2016 14:27

Lead	< 0.000120	0.00500	mg/L
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LCS (B6E0817-BS1)

Prepared: 05/22/2016 11:19 Analyzed: 05/22/2016 14:29

Lead	0.0977	0.0100	mg/L	0.1000	97.7	85-115
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Post Spike (B6E0817-PS1)

Source: 16E0720-48RE1

Prepared: 05/22/2016 11:19 Analyzed: 05/22/2016 14:57

Lead	0.0928	0.0100	mg/L	0.1000	0.000526	92.3	80-120
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Certified Analyses included in this Report

Analyte	CAS #	Certifications
<i>E200.8 in Drinking Water</i>		
Lead	7439-92-1	ILEPA

List of Certifications

Code	Description	Number	Expires
AKDEC	State of Alaska, Dept. Environmental Conservation	UST-105	07/16/2016
CPSC	US Consumer Product Safety Commission, Accredited by PJLA Lab No. 1050	L14-56	04/30/2016
DoD	Department of Defense, Accredited by PJLA	L14-55	04/30/2016
ILEPA	State of Illinois, NELAP Accredited Lab No. 100256	003674	07/27/2016
ISO	ISO/IEC 17025, Accredited by PJLA	L14-56	04/30/2016
LELAP	State of Louisiana, NELAP Accredited Lab No. 171344	05015	06/30/2016
WDNR	State of Wisconsin Dept of Natural Resources	999888890	08/31/2016

Qualifiers and Definitions

Item	Description
J	Estimated Value
%Rec	Percent Recovery

ENVIRONMENTAL MONITORING AND TECHNOLOGIES, INC.

8100 North Austin Avenue
Morton Grove, Illinois 60053-3203

847-967-6666
FAX: 847-967-6735
www.ernt.com

Chain of Custody Record

Due Date: 5-23-16 COC #:

156115

*TURNAROUND TIME:
☒ RUSH _____ day turnaround
☐ ROUTINE _____

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Company: Carroll Conibas & Assoc. Ltd.

Address: 600 W. Van Buren St., St. Louis

Chicago, IL 60607

Phone #: (312) 762-2915 Fax #: (312) 782-5145

P.O. #: _____ Proj. #: _____

Client Contact: David Bremer

Project ID / Location: Olympic Park

Sample Type:

1. Waste Water
2. Drinking Water
3. Soil
4. Sludge
5. Oil
6. Groundwater
7. Groundwater (filtered)
8. Other _____

Container Type:

- P - Plastic V - VOC Vial O - Other
G - Glass B - Tedlar Bag _____

Preservative:

1. None
2. H₂SO₄
3. HNO₃
4. NaOH
5. HCl
6. MeOH
7. Zn Acetate
8. Other

Analyses

EMT WORKORDER

Sample I.D.	Sample Type	Container			Sampling				Preservation		#
		Size	Type	No.	By	Date	Time	pH	Temp.	Field	
Drinking Fountain	2	200ml	P	1	NM	5/24/16	7:54			3	
Relinquished By:	Date: - - Time: :	Received By:					Date: - - Time: :	EMT USE ONLY		<input type="checkbox"/> SAMPLE RECEIVED ON ICE	
Relinquished By:	Date: - - Time: :	Received By:					Date: - - Time: :	Client Code:		<input type="checkbox"/> TEMPERATURE (Must be recorded if sampling was greater than 6 hrs. prior to sample receipt)	
Relinquished By:	Date: - - Time: :	Received For Lab By:					Date: - - Time: :	EMT Project I.D.		<input type="checkbox"/> EMT SAMPLE RETURN POLICY ON BACK	
Relinquished By:	Date: - - Time: :	Received For Lab By:					Date: - - Time: :	Jar Lot No.			
Nathan Melus	Date: 5-21-16 Time: 8:11	Chris Salto					Date: 5-21-16 Time: 8:11				

SPECIAL INSTRUCTIONS: