# **Analytical Report**

Dan Cooper Chicago Park District 541 N Fairbanks Ct Chicago, IL 60641 July 01, 2016

Work Order: 16F1132

RE: CPD Drinking Water Humboldt Park

Dear Dan Cooper:

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 Project Manager 847.967.6666

Approved for release: 7/1/2016 11:33:15AM

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Approved by,

Matthew Gregory Technical Manager

The contents of this report apply to the sample(s) analyzed. No duplication is allowed except in its entirety. 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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### **Case Narrative**

Client: Chicago Park District Date: 07/01/2016

**Project:** CPD Drinking Water

**Humboldt Park** 

Work Order: 16F1132

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

## **Sample Summary**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Humboldt Basement West #1	16F1132-01	Drinking Water	06/30/16 06:39	06/30/16 10:21
Humboldt Basement West #2	16F1132-02	Drinking Water	06/30/16 06:39	06/30/16 10:21
Humboldt Basement West #3	16F1132-03	Drinking Water	06/30/16 06:40	06/30/16 10:21

### **Narrative**

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

Work Order: 16F1132

The samples were received on 06/30/16 10:21. The samples arrived in good condition and properly preserved. The temperature of the

cooler at receipt was

CoolerTemp C°Default Cooler26.0

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

### Client Sample Results

Client: Chicago Park District

16F1132

Project: CPD Drinking Water

Humboldt Park

Work Order:

Report Date: 07/01/2016

Analyses	Result	EMT Reporting Limit		Units	Reg Limit	MDL	Date/Time Analyzed	Batch	Analyst
Client Sample ID: Collection Date:	Humboldt Basement V 06/30/2016 06:39	West #1	<u> </u>				Matrix: Drinking Wa		
Metals by ICP-MS									
Method:									
Lead	55.2	31.2		ppb	15	0.750	06/30/16 17:25	B6F1978	CS2
Client Sample ID:	Humboldt Basement	Nest #2					Matrix: Drinking Wa	ater	
Collection Date:	06/30/2016 06:39						Lab ID: 16F1132-02	2	
Metals by ICP-MS									
Method:	E200.8								
Lead	6.20	31.2	J	ppb	15	0.750	06/30/16 17:28	B6F1978	CS2
Client Sample ID:	Humboldt Basement	West #3					<b>Matrix:</b> Drinking Wa	ater	
Collection Date:	06/30/2016 06:40						Lab ID: 16F1132-03		
Metals by ICP-MS									
Method:	E200.8								
Lead	1.48	5.00	J	ppb	15	0.120	06/30/16 17:38	B6F1938	CS2

# **Qualifiers and Definitions**

 Item
 Description

 J
 Estimated Value

 %Rec
 Percent Recovery

# **Certified Analyses included in this Report**

Analyte	CAS#	Certifications	
E200.8 in Drinking Water			
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	04/30/2018
ILEPA	State of Illinois, NELAP Accredited Lab No. 100256	003674	07/27/2016
ISO	ISO/IEC 17025, Accredited by PJLA	L14-56	04/30/2018
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



# ENVIRONMENTAL MONITORING AND TECHNOLOGIES, INC.

Chicago Park District CPD Drinking Water PM: Tim Witzek

8100 North Austin Avenue Morton Grove, Illinois 60053-3203

stody Record

JURNARAOUND TIME: X RUSH

day furnaround ROUTINE 148962 COC #:

					Due Date:	- COC#: 140702
Company: Chicago Address: Sty N E	Bark District Fairbank, Ct.		Sample Type: 1. Waste Water 4. 2. Drinking Water 5. 3. Soil 6.	4. Sludge 7. Groun 5. Oil 8. Other 6. Groundwater	7. Groundwater (filtered) 8. Other	Analyses
#(312) 742-	4287 Fax#: ( )	3	Container Type: P - Plastic V - VOC Vial G - Glass B - Tedlar Bag	Vial 0-Other r Bag		EMT
P.O.#.	Proj.#:	T.	≨	7. Zn Ace		ONLY
Project ID / Location:	water lark		3. HNO3 6. MeOH		////	/ / / / EMT
Sample I.D.	0	So	Sampling	Preservation	ľ	WORKORDER
	Type Size Type No.	By Date	Time pH Ter	Temp. Field Lab	7 7 7 7 7 7 7 7	1 / / / # 16/2
Hundald+ Busenet West#1	2 250ml P 1	DC 6/30 (	639	~	7	10
Hunbuldt Ruxmest West 2#2	2 250Nl P 1	C 6/30	639	M	*	60
Hudseldt Branch With	2 20ml P 1	DC c/50 (	640	M	*	03
		-				
Relinquished By:	Date: 6 -33 -16	Received By:	Date:	9	EMT USE ONLY	SAMPLE RECEIVED
May	Time: 18:20		Time:	···	Client Code:	ONICE
Relinquished By:	Date: -	Received By:	Dafe:		EMT Project I.D.	(Must be recorded if sampling was greater than 6 hrs. prior to
	Time:		Time:	ά. Θ		
Relinquished By:	Date: -	Received For Lab By:	By: Date:	e: 6-30-16	Jar Lot No.	1
Page (	Time:	- Marie	Time:	/0:5/		POLICY ON BACK

PECIAL INSTRUCTIONS: dan. cooper echicago par Edistrict. com / timo thy. King @ chicago partdotrict. from

WTFIELDDOC2014001

# Sample Receipt Checklist

Work Order: 16F1132

Printed: 6/30/2016 10:39:49AM

Client: Chicago Park District
Project: CPD Drinking Water

Date Due:

07/08/16 17:00 (5 day TAT)

Received By: Tim Witrzek Date Received: 06/30/16 10:21
Logged In By: Tim Witrzek Date Logged In: 06/30/16 10:34

26°C Samples Received at: Client How were samples received? Custody Seals Present No Custody Seals Intact NA Sample Cont/Cooler Intact Yes COC Present/Complete Yes COC/Labels Agree Yes Yes Proper Cont/Preservation Sufficient Sample Volume Yes Samples Within Holdtime Yes Yes Cooler Temp Within Limits No VOA Water Vials Received NA VOA Water Vials/Zero Headspace PM or Client Contacted No

COMMENTS

6130/16