July 7, 2017

Via E-Mail: Joshua_l_williams@dekalbschoolsga.org

Mr. Joshua L. Williams, MBA, MSM, PMP Chief Operations Officer DeKalb County School District Operations Division Sam Moss Service Center 1780 Montreal Road Tucker, Georgia 30084

Re: Lead in Drinking Water Sampling Report Sam Moss Service Center (Facility ID #8018) 1780 Montreal Road, Tucker, Georgia 30084 AEM Project No. 1561-1601

Dear Mr. Williams:

Atlanta Environmental Management, Inc. (AEM) is pleased to provide the DeKalb County School District (DCSD) an electronic copy of the Final Technical Lead in Drinking Water Sampling Report for the Sam Moss Service Center (Facility ID #8018). Samples were collected on May 25, 2017. Laboratory analytical results were received from Analytical Environmental Services, Inc., on June 9, 2017.

FINDINGS

AEM collected 22 drinking water samples from 11 sources at Sam Moss Service Center (Facility ID #8018), including 2 duplicate samples. Figure 1 depicts the source sample locations. Samples were collected in accordance with the Water Sampling Methodology Protocol for DeKalb County School District, dated September 12, 2016. A copy of AEM's Field Sampling Notes is provided in Attachment A.

A description of the drinking water outlets sampled and a summary of sample analytical results are provided in Table 1. None of the samples collected and analyzed contained lead at a concentration equal to or above the U.S. Environmental Protection Agency's action level of 15 parts per billion. A copy of the AES laboratory analytical report is provided in Attachment B.

Mr. Joshua Williams—DeKalb County School District July 7, 2017 Page 2

We appreciate your selection of AEM for this project. If you have any questions, please do not hesitate to contact us.

Sincerely,

Atlanta Environmental Management, Inc.

Leona Miles, CHMM Senior Project Manager

Janet T. Hart President

/krf

cc: Daniel Drake (DCSD)
Tracee Hill (DCSD)

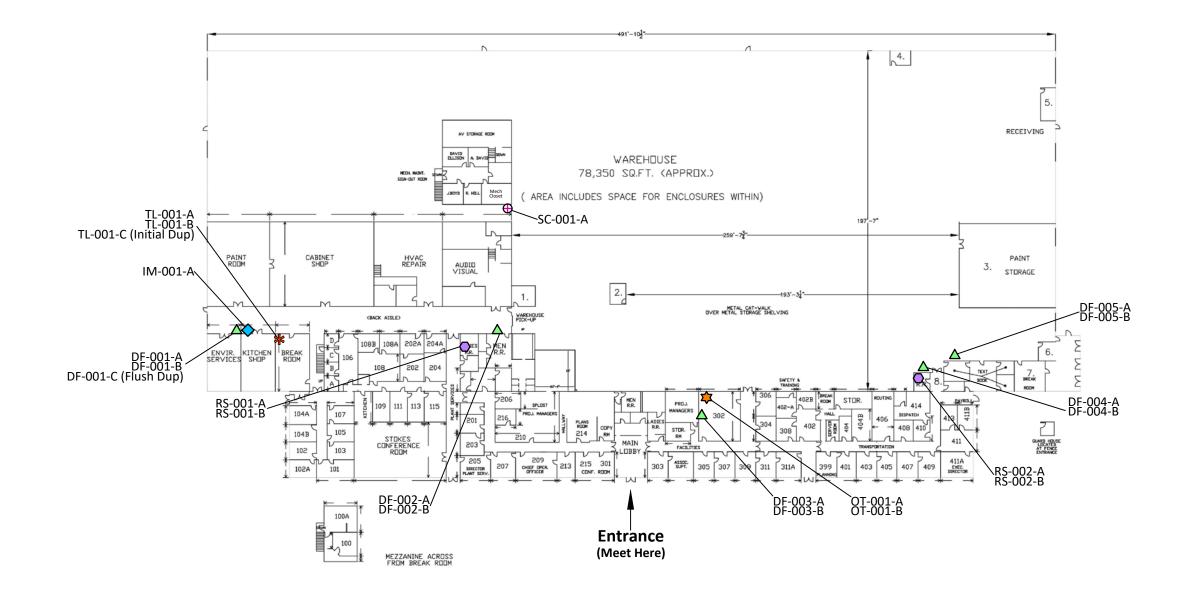
FIGURE



Legend

- □ Cafeteria Sink (CS)△ Drinking Fountain (DF)
- ♦- Ice Maker (IM)
- O Kindergarten Sink (KS)
- 💠 Other (OT)
- Restroom Sink (RS)
- ⊕ Service Connection (SC)

 ★ Teachers Lounge (TL)







2580 Northeast Expressway • Atlanta, Georgia 30345 Phone: 404.329.9006 • Fax: 404.329.2057

PROJECT #:	1561-1601-8018	DATE:	June 30, 2017	
DRAWN BY:	AL	REVISED:		Sample Location P
CHECKED BY:	TR	SCALE:	NTS	
PROJECT MG	R: LM	PRINTED:	6/30/2017 3:27 PM	G:\DWG\1561-1601 DeKalb County Schools\8018\8018

Client: DeKalb County School District

Site Location: Sam Moss Service Center Facility (8018)

1780 Montreal Road Tucker, GA 30084

Sample Location Plan

Figure

TABLE



Table 1. Summary of Lead in Drinking Water Laboratory Analytical Results

Sam Moss Service Center Facility



1780 Montreal Road, Tucker, GA 30084

Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
	Initial Draw Sample; Single Halsey Taylor Drinking Fountain in Maintenance Shop next to		
8018-052517-DF-001-A	Ice Machine and Kitchen Shop Entrance; Wall-mounted	05/25/17 5:42 AM	None Detected
	Flush Sample; Single Halsey Taylor Drinking Fountain in Maintenance Shop next to Ice		
8018-052517-DF-001-B	Machine and Kitchen Shop Entrance; Wall-mounted	05/25/17 5:43 AM	None Detected
	Flush Duplicate Sample; Single Halsey Taylor Drinking Fountain in Maintenance Shop next		
8018-052517-DF-001-C	to Ice Machine and Kitchen Shop Entrance; Wall-mounted	05/25/17 5:44 AM	None Detected
	Initial Draw Sample; Single Oasis Drinking Fountain in Hallway across from AV Shop		
8018-052517-DF-002-A	Entrance; Wall-mounted	05/25/17 5:32 AM	None Detected
	Flush Sample; Single Oasis Drinking Fountain in Hallway across from AV Shop Entrance;		
8018-052517-DF-002-B	Wall-mounted	05/25/17 5:33 AM	None Detected
	Initial Draw Sample; Single Elkay Drinking Fountain in Breakroom/Rm 302 across from		
8018-052517-DF-003-A	Richard Boyd's Office; Wall-mounted	05/25/17 5:24 AM	None Detected
	Flush Sample; Single Elkay Drinking Fountain in Breakroom/Rm 302 across from Richard		
8018-052517-DF-003-B	Boyd's Office; Wall-mounted	05/25/17 5:25 AM	None Detected
	Initial Draw Sample; Single Oasis Drinking Fountain in Office area next to Warehouse		
8018-052517-DF-004-A	entrance on far North side of Building; Wall-mounted	05/25/17 5:12 AM	None Detected
	Flush Sample; Single Oasis Drinking Fountain in Office area next to Warehouse entrance on		
8018-052517-DF-004-B	far North side of Building; Wall-mounted	05/25/17 5:13 AM	None Detected
	Initial Draw Sample; Single Oasis Drinking Fountain in Warehouse next to Entrance to office		
8018-052517-DF-005-A	area on far North Side of Building; Wall-mounted	05/25/17 5:07 AM	None Detected
	Flush Sample; Single Oasis Drinking Fountain in Warehouse next to Entrance to office area		
8018-052517-DF-005-B	on far North side of Building; Wall-mounted	05/25/17 5:08 AM	1.04
	Initial Draw Sample; Far Left Sink in Women's RR outside of Door Labeled "Maintenance		
8018-052517-RS-001-A	Shops"	05/25/17 5:30 AM	3.95
8018-052517-RS-001-B	Flush Sample; Far Left Sink in Women's RR outside of Door Labeled "Maintenance Shops"	05/25/17 5:31 AM	None Detected
	Initial Draw Sample; Sink in unisex RR in Office area next to Warehouse entrance on far		
8018-052517-RS-002-A	North side of Building	05/25/17 5:15 AM	6.21
	Flush Sample; Sink in unisex RR in Office area next to Warehouse entrance on far North		
8018-052517-RS-002-B	side of Building	05/25/17 5:16 AM	None Detected

Table 1. Summary of Lead in Drinking Water Laboratory Analytical Results

Sam Moss Service Center Facility



1780 Montreal Road, Tucker, GA 30084

Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
8018-052517-TL-001-A	Initial Draw Sample; Sink in Maintenance Shop Breakroom	05/25/17 5:37 AM	1.18
8018-052517-TL-001-B	Flush Sample; Sink in Maintenance Shop Breakroom	05/25/17 5:39 AM	None Detected
8018-052517-TL-001-C	Initial Draw Duplicate Sample; Sink in Maintenance Shop Breakroom	05/25/17 5:38 AM	None Detected
	Initial Draw Sample; Sink next to Coffee Maker in Breakroom/Rm 302 across from Richard		
8018-052517-OT-001-A	Boyd's Office	05/25/17 5:22 AM	None Detected
	Flush Sample; Sink next to Coffee Maker in Breakroom/Rm 302 across from Richard Boyd's		
8018-052517-OT-001-B	Office	05/25/17 5:23 AM	None Detected
	Initial Draw Sample; Scotsman Ice Machine in Maintenance Shop next to Kitchen Shop		
8018-052517-IM-001-A	Entrance	05/25/17 5:40 AM	None Detected
8018-052517-SC-001-A	Main Service Connection Entry into Building	05/25/17 4:57 AM	None Detected

Notes:

ppb-parts per billion

Bold-Exceeds 15 ppb--EPA's

Action Level for Lead

^{*} Note--Where "A" and "B" are indicated, AEM collected two samples at each source area location: ("A") initial draw sample; and ("B") after a 30-second flush sample

ATTACHMENT A AEM Field Sampling Forms



DEKALB COUNTY SCHOOL DISTRICT LEAD IN DRINKING WATER FIELD DATA SHEET

FACILITY NAME: SAM MOSS SERVICE CENTER FACILITY FACILITY ID: 8018

ADDRESS: 1780 Montreal Rd. Tucker, GA, 30084

DATE	TIME	SAMPLE ID (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
5/25/17	0457	8018 - 052517 - SC-001- A	noch Joset in warehord	In room Hallway	spigut	H
5/25/17	0507	8018 - 052517 - OF - OOS - A	wanehorg	In room Hallway	entrance to Office area from warehouse on far light side of	4
5/25/17	0508	8018 - 052517 - 0(-005 - 8	(1)	In room Hallway	single oasis um	H
5/25/17	0213	8018 - 052517 - DC-DDY-A	for Right Sich of Sich of	In room Hallway	singre bersis um	H
5/25/17	0513	8018 - 052517 - DE-004-B	in office of cure int wavehouse	In room Hallway	/1	H
5/25/17	0515	8018 - 052517 - RS-LOOD-A	entrance	In room Hallway	unisex bathroom.	H
5/25/17	1516	8018 - 052517 - RS-002-B	W	In room Hallway	1)	H
5/25/17	0522	8018 - 052517 - 001-	Breakran nevoss from Richard	In room Hallway	sink next to coffee maker	H
5/25/17	0523	8018 - 052517 - M- DOI-B	Boya Office	In room Hallway		H
5/25/17	0524	8018 - 052517 - Of - OV3-A		In room Hallway	single Elkay um	H
\$/25/17	0525	8018-05257-0f-003-B	P. C.	Rm.		UH

LOCATION TYPE: AF = athletic field; CS = cafeteria sink; DF = drinking fountain; IM = ice maker; KS = kindergarten sink; RS = restroom sink; SC = service connection; TL = teachers' lounge. SAMPLE TYPE: A = initial draw; B = flush; C = duplicate

DEKALB COUNTY SCHOOL DISTRICT LEAD IN DRINKING WATER FIELD DATA SHEET

FACILITY NAME: SAM MOSS SERVICE CENTER FACILITY

FACILITY ID: 8018

ADDRESS: 1780 Montreal Rd. Tucker, GA, 30084

DATE	TIME	SAMPLE ID (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
5/25/17	0530	8018 - 052517 - RS-001-HA	ladies RR	(n room Hallway	of door labeled maintener	PO UL
5/25/17	0531	8018 - 052517 - RS-DDI-B		In room Hallway	Snops:	H
5/25/17	0532	8018 - 052517 - 06-002-4	across from AU Shap	In room Haliway	Single Dasis Wm	Ut
5/25/17	0533	8018 - 052517 - OF 002-B	entrance	In room Hallway	N H	H
5/25/17	0537	8018 - 052517 -TL-001-H	Breakfin in maintena	In room Hallway	Sink	UA
5/25/17	0539	8018 - 052517 - TL-001-B	Shop	In room Hallway	/)	UH
5/25/17	0538	8018 - 052517 - TL-ODA-C	V	In room Hallway	mitial mus	M
5/25/17	0540	8018 - 052517 - W- ODI- A	Maintenance Shap.	In room Hallway	next to keturen Shop	H
5/25/17	0542	8018 - 052517 - DE - DOI - H	Right of	In room Hallway	Single Halsey Taylor	H
5/25/17	0543	8018 - 052517 - Of - MI-B	IM +	In room Haliway	(1	H
	0544	DF-00+C	24 4 1	11	flush Dup	IAL

ATTACHMENT B AES Laboratory Analytical Report



Leona Miles

From: NoReply@aesatlanta.net

Sent: Friday, June 9, 2017 12:02 PM

To: leona-miles@aem-net.com; tim-royer@aem-net.com

Subject: DCSD - 8018

Attachments: 1705N67_REPORT.pdf; 1705N67Invoice.pdf

Please see attached. If you have any questions or need further assistance please contact your project manager at 770-457-8177.

AES Reporting System

ANALYTICAL ENVIRONMENTAL SERVICES,INC. 3080 Presidential Drive ATLANTA,GA 30340 Tel:770-457-8177 Fax:770-457-8188 http://www.aesatlanta.com

NOTICE OF CONFIDENTIALITY: The information in this email and / or attachments may be legally privileged and is confidential information intended for the use of the individual or entity named in the email address. If the reader of this message is not the intended recipient, you are hereby notified that any use, dissemination, distribution, or copy of this email and / or attachments is strictly prohibited. If you have received this email in error, please notify Analytical Environmental Services Customer Service by telephone at (770) 457-8177 or by email at info@aesatlanta.com <mailto:info@aesatlanta.com> and delete the message. Thank you

ANALYTICAL ENVIRONMENTAL SERVICES, INC.



June 09, 2017

Leona Miles

Atlanta Environmental Mgmt

2580 NE Expressway

Atlanta

GA

30345

RE:

DCSD - 8018

Dear Leona Miles:

Order No:

1705N67

Analytical Environmental Services, Inc. received

22

samples on

5/25/2017 7:39:00 AM

for the analyses presented in following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.

AES's accreditations are as follows:

-NELAC/Florida State Laboratory ID E87582 for analysis of Non-Potable Water, Solid & Chemical Materials, and Drinking Water Microbiology, effective 07/01/16-06/30/17.

State of Georgia, Department of Natural Resources ID #800 for analysis of Drinking Water Metals, effective 07/01/16-06/30/17 and Total Coliforms and E. coli, effective 04/25/17-04/24/20.

-NELAC/Louisiana Agency Interest No. 100818 for or analysis of Non-Potable Water and Solid & Chemical Materials, effective 07/01/16-06/30/17.

-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Metals, PCM Asbestos, Gravimetric), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 09/01/17.

These results relate only to the items tested. This report may only be reproduced in full.

If you have any questions regarding these test results, please feel free to call.

Sincerely,

Ioana Pacurar

Project Manager

IDang Pacurar

CHAIN OF CUSTODY

3080 Presidential Drive, Atlanta GA 30340-3704

TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

ANALYTICAL ENVIRONMENTAL SERVICES, INC

Work Order: 1705 NGT

Date: 5/25 1 Page of 2

COMPANY:	Atlanta Environmental Management, Inc	ADDRESS: 2580 North	east Exp	ressway, NE				A	NAL`	YSIS F	EQUE	STED			Visit our website	
	Atlanta Environmental Management, me	Atlanta, GA		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		9									www.aesatlanta.com	
PHONE:		FAX: (40.4) 220	2057		3	07 po			ļ						to check on the status of	I ,, I
	(404) 329-9006	SIGNATURE: (404) 329	1- 2037		;	E									your results, place bottle orders, etc.	ntaine
SAMPLED BY:	Lindsus Hyde	J. Au			:	Lotal FD Memod 200.5									01.001.01	No # of Containers
	0	SAMPLED	1 1	ي بر							Ш					* °Z
#	SAMPLE ID		م ا	Composite Matrix See codes	-	<u> </u>	1	P)	RESEI	RVATI	ON (See	codes)		 	REMARKS	
		DATE TIME	Grab	Cor		I			_		_					
1	3018-052517-0f-001-A	5/25/17 0542	X	10	0 7	$\langle \downarrow _$				_						
2	8018-052517-08-601B	5/25/17 0543	×	200	2			_				1				- thousand
3	8018-052517-0f-001-C	5/25/17 0544	X	1/0	<u>ر</u> ا				_							-
4	8018-052517-0F-002-A	5/25/17 0532	X	DVV	<u> </u>					\perp						JAC Charactery Co.
5	8018-052517-04-0W2-B	5/05/17 0533	\times	NO.	3 14				_							1
6	8018-052517-DF-003-A	5/25/12 0524	$\perp \chi'$	OV	<u>)</u>											1
7	8018-052517-04-003-13	25/17 US25</td <td>\langle</td> <td>VO</td> <td>UX</td> <td>·</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1</td>	$ \langle $	VO	UX	·										1
8	8018-052517-06-004-A	5/25/17 0512	х	10V	U >											***************************************
9	8018-052517-DE-004-B	5/25/17 05/3	×	00	3 >											400
10	8018-052517-0f-005-A	5/05/17 0507	人	Óν) >	<										ĺ
11	8018-052517-Df-005-B	5/28/17 0508	1	10/0	J >	<										
12	8018-052517-RS-001-19	r/2t/10530	\rightarrow	NO.) 0	Χ.										
13	8018-052517-RS-00-B	5/28/17 0531	×	VOV) >											
14	2018-052517-RS-002-A	5/55/17 0515	×	W)	X										- Parker
15	8018-052517-RS-002-B	5/25/17 0516	×	NON	J 0	۷										
RELINQUISHED		RECEIVED BY		DATE/I		ROJECT	N. 1 N. 15		ROJE	ECT IN	FORM.	ATION			RECEIPT	
	TAlle 5/25/17 7:39an	Tallyarder	256	3/1473		KOJECI	NAME		OCS	D				•	Total # of Containers	
2:		2:	-		P	ROJECT	#;		15	561-10	501				Turnaround Time Request	
					S	TE ADD	RESS:		80	NB					Standard 5 Business Days	
3:		3:			S	END RE	PORT T	o: I	-90-		les an	d Tin	1 Roye	r	2 Business Day Rush Next Business Day Rush	
SPECIAL INSTRU	JCTIONS/COMMENTS:	SHIPMEN	т метно	OD		VOICE			D.O.L.						Same Day Rush (auth req	ı.)
		OUT //	VIA:		(1	F DIFFE					_				Other: 10 business Days	
Preserve at the L	ab per protocol	IN VIA: CLIENT FEDEX UPS MAIL COURIER				leona-miles@aem-net.com; tim-royer@aem-net.com						STATE PROGRAM (if any): E-mail? Y/N; Fax? Y/N	-			
					Q	QUOTE #: PO#:						DATA PACKAGE: I II III	IV			
	EIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS R				Γ IS MA	ARKED	ON CO	C AES	WILL	PRO	CEED A	S STAN	NDARD T	rat.		

GW = Groundwater SE = Sediment SO = Soil SW = Surface Water DW=Drinking Water W = Water (Blanks) O = Other (specify) MATRIX CODES: A = Air

White Copy - Original; Yellow Copy - Client

Page 2 of 28

ANALYTICAL ENVIRONMENTAL SERVICES, INC

3080 Presidential Drive, Atlanta GA 30340-3704

TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: **1705111** Page **3** of **3**

COMPANY:	Atlanta Environmental Management, Inc	ADDRESS:	2580 Northe	ast Exp	ressway	, NE	ANALYSIS REQUESTED								Visit our website					
	Attable Day in Online Land Section 5		Atlanta, GA	30345			200.8												w.aesatlanta.com eck on the status of	
HONE:	(404) 329-9006		(404) 329	-2057			Nethod		1									your	results, place bottle orders, etc.	ntainers
SAMPLED BY:	Lindsuz Hole	SIGNATURE:				/	Total Pb Method 200.8			WHAT				***					orders, etc.	No # of Containers
	O O	SAM	ATE TIME G O D D D D D D D D D D D D D D D D D D			P	RESE	RVAT	ION (S	ee code	es)	1				Š				
#	SAMPLE ID			ap	Composite	atrix ee co			Т	Ť			T		Ť	Т		1	REMARKS	
		DATE	TIME	Grab	ပိ		I		_		+	-	+	╬						1
I	8018-052517-TL-001-F1	5/25/17	0537	1		QN	义		_	_		+	_	_		+-	-		****	and a
2	8018-052517-TL-WI-B	Slasia	0539	Y		00	1			_	_	\dashv		_	_	-		_		
3	8018-052517-TL-001-C	5/25/12	0538	7		<u>on</u>			-	_	+	_	_		_			-		<u> </u>
4	8018-052517-0T-001-A	5/25/17	0522	Х		DN-	<i>></i>				_	_		_	+-	-				-
5	8018-052517-0T-001-B	5/25/17	0523	メ		<u>gw</u>	X	\square					_	-						and the second
6	8018-052517-1M-001-A	925/17	0540	$\hat{\lambda}$		<u>000</u>	\times			_	_	_		\bot	1	_				- 1
7	8018-052517-801-001-A	5/25/17	0457	X		MO	X				_	_	_ _		_	—				***************************************
8		, ,										_								
9														_						<u> </u>
10																_				<u> </u>
11														_		_				
12																				
13											\perp									
14															_		$\downarrow \downarrow$			-
15																				<u> </u>
RELINQUISHE	DBY DATE/TIME	RECEIVED B	Y		I	OATE/TIMI		JECT N	TANCE		PROJ	ECT I	NFOR	MATI	ON				RECEIPT	1
1:	Δ	ting.	a Sela	00	2/12	-739	PRO	JECT	NAME:		DCS	n							Total # of Containers	
17	5/25/17 7:39am	16000	asses	3C 24	2417	101	PRO	JECT#	<i>‡</i> :			561-	1601					1	Turnaround Time Request	
2:		[U	!					ADDI				10.	. n					⋾	Standard 5 Business Days	
3:	3:					***************************************	L				`	<u>8U</u>	10					⊣♀	2 Business Day Rush	
	·						SEN	D REP	ORT T	O:	Leo	na N	liles	and T	Cim F	Royer	'	-18	Next Business Day Rush	
SPECIAL INSTI	RUCTIONS/COMMENTS:		SHIPMEN					OICE T		ROM	ABOV	/E)							Same Day Rush (auth req Other: 10 business Days	[·)
		OUT		VIA:			(11-1						-rover/	മരണ-n	et.com			STAT	E PROGRAM (if any):	
Preserve at the Lab per protocol			IN / VIA: CLIENT FedEx UPS MAIL COURIER				leona-miles@aem-net.com; tim-royer@aem-net.com							1? Y/N; Fax? Y/N						
GREYHOUND OTHER					QUO	OTE #:						PO#:				DAT	A PACKAGE; I II III	IV		
CAMPI ES DE	CEIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS	RECEIVED ON	THE NEXT BU	JSINESS	DAY; IF	NO TAT IS	MAR	KED (ON CO	C AES	S WIL	L PR	OCEE	D AS S	TAND.	ARD T	AT.			
SAMPLES AR	E DISPOSED OF 30 DAYS AFTER COMPLETION OF REPORT	UNLESS OTH	ER ARRANGE	MENTS.	ARE MAI	DE,													Page 3 of 28	

GW = Groundwater SE = Sediment SO = Soil SW = Surface Water DW=Drinking Water W = Water (Blanks) O = Other (specify) MATRIX CODES: A = AirPRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

Page 3 of 28

Client:Atlanta Environmental MgmtClient Sample ID:8018-052517-DF-001-AProject Name:DCSD - 8018Collection Date:5/25/2017 5:42:00 AMLab ID:1705N67-001Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst	
Trace Elements by ICP/MS	E200.8				(E2	200.2)			
Lead		BRL	1.00		ug/L	243499	1	06/01/2017 20:27	JR

Date:

9-Jun-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative NC Not confirmed

< Less than Result value

J Estimated value detected below Reporting Limit

Page 4 of 28

Client:Atlanta Environmental MgmtClient Sample ID:8018-052517-DF-001-BProject Name:DCSD - 8018Collection Date:5/25/2017 5:43:00 AMLab ID:1705N67-002Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200	0.8			(E 2	200.2)			
Lead	BRL	1.00		ug/L	243499	1	06/01/2017 20:44	JR

Date:

9-Jun-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative
NC Not confirmed

< Less than Result value

J Estimated value detected below Reporting Limit

Client:Atlanta Environmental MgmtClient Sample ID:8018-052517-DF-001-CProject Name:DCSD - 8018Collection Date:5/25/2017 5:44:00 AMLab ID:1705N67-003Matrix:Drinking Water

Analyses		Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS	E200.8				(E 2	200.2)			
Lead		BRL	1.00		ug/L	243499	1	06/01/2017 20:47	JR

Date:

9-Jun-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative NC Not confirmed

< Less than Result value

J Estimated value detected below Reporting Limit

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 8018-052517-DF-002-A

 Project Name:
 DCSD - 8018
 Collection Date:
 5/25/2017 5:32:00 AM

 Lab ID:
 1705N67-004
 Matrix:
 Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	(00.2)			
Lead	BRL	1.00		ug/L	243499	1	06/01/2017 20:51	JR

Date:

9-Jun-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative
NC Not confirmed

< Less than Result value

J Estimated value detected below Reporting Limit

Client:Atlanta Environmental MgmtClient Sample ID:8018-052517-DF-002-BProject Name:DCSD - 8018Collection Date:5/25/2017 5:33:00 AMLab ID:1705N67-005Matrix:Drinking Water

Analyses		Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS	E200.8				(E 2	200.2)			
Lead		BRL	1.00		ug/L	243499	1	06/01/2017 20:54	JR

Date:

9-Jun-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative
NC Not confirmed

< Less than Result value

J Estimated value detected below Reporting Limit

Page 8 of 28

Client:Atlanta Environmental MgmtClient Sample ID:8018-052517-DF-003-AProject Name:DCSD - 8018Collection Date:5/25/2017 5:24:00 AMLab ID:1705N67-006Matrix:Drinking Water

Analyses		Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS	E200.8				(E 2	200.2)			
Lead		BRL	1.00		ug/L	243499	1	06/01/2017 20:58	JR

Date:

9-Jun-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 9 of 28

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 8018-052517-DF-003-B

 Project Name:
 DCSD - 8018
 Collection Date:
 5/25/2017 5:25:00 AM

 Lab ID:
 1705N67-007
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) BRL 1.00 ug/L 243499 06/01/2017 21:08 JR Lead

Date:

9-Jun-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 10 of 28

Client:Atlanta Environmental MgmtClient Sample ID:8018-052517-DF-004-AProject Name:DCSD - 8018Collection Date:5/25/2017 5:12:00 AMLab ID:1705N67-008Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.	8			(E2	200.2)			
Lead	BRL	1.00		ug/L	243499) 1	06/01/2017 21:12	JR

Date:

9-Jun-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 11 of 28

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 8018-052517-DF-004-B

 Project Name:
 DCSD - 8018
 Collection Date:
 5/25/2017 5:13:00 AM

 Lab ID:
 1705N67-009
 Matrix:
 Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E2	00.8			(E2	200.2)			
Lead	BRL	1.00		ug/L	243499	1	06/01/2017 21:15	JR

Date:

9-Jun-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 12 of 28

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 8018-052517-DF-005-A

 Project Name:
 DCSD - 8018
 Collection Date:
 5/25/2017 5:07:00 AM

 Lab ID:
 1705N67-010
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) BRL 1.00 ug/L 243499 06/01/2017 21:19 JR Lead

Date:

9-Jun-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative NC Not confirmed

< Less than Result value

J Estimated value detected below Reporting Limit

Page 13 of 28

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 8018-052517-DF-005-B

 Project Name:
 DCSD - 8018
 Collection Date:
 5/25/2017 5:08:00 AM

 Lab ID:
 1705N67-011
 Matrix:
 Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.	8			(E2	200.2)			
Lead	1.04	1.00		ug/L	243499	1	06/08/2017 14:24	JR

Date:

9-Jun-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 14 of 28

Client:Atlanta Environmental MgmtClient Sample ID:8018-052517-RS-001-AProject Name:DCSD - 8018Collection Date:5/25/2017 5:30:00 AMLab ID:1705N67-012Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200	.8			(E2	200.2)			
Lead	3.95	1.00		ug/L	243499	1	06/08/2017 14:31	JR

Date:

9-Jun-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 15 of 28

Client:Atlanta Environmental MgmtClient Sample ID:8018-052517-RS-001-BProject Name:DCSD - 8018Collection Date:5/25/2017 5:31:00 AMLab ID:1705N67-013Matrix:Drinking Water

Analyses		Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS	E200.8				(E2	200.2)			
Lead		BRL	1.00		ug/L	243499	1	06/01/2017 21:26	JR

Date:

9-Jun-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 16 of 28

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 8018-052517-RS-002-A

 Project Name:
 DCSD - 8018
 Collection Date:
 5/25/2017 5:15:00 AM

 Lab ID:
 1705N67-014
 Matrix:
 Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E20	0.8			(E2	200.2)			
Lead	6.21	1.00		ug/L	243499	1	06/01/2017 21:29	JR

Date:

9-Jun-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 17 of 28

Client:Atlanta Environmental MgmtClient Sample ID:8018-052517-RS-002-BProject Name:DCSD - 8018Collection Date:5/25/2017 5:16:00 AMLab ID:1705N67-015Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E	E200.8			(E2	200.2)			
Lead	BRL	1.00		ug/L	243499	1	06/01/2017 21:33	JR

Date:

9-Jun-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 18 of 28

Client:Atlanta Environmental MgmtClient Sample ID:8018-052517-TL-001-AProject Name:DCSD - 8018Collection Date:5/25/2017 5:37:00 AMLab ID:1705N67-016Matrix:Drinking Water

Analyses		Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS	E200.8				(E2	200.2)			
Lead		1.18	1.00		ug/L	243499	1	06/01/2017 21:36	JR

Date:

9-Jun-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 19 of 28

Client:Atlanta Environmental MgmtClient Sample ID:8018-052517-TL-001-BProject Name:DCSD - 8018Collection Date:5/25/2017 5:39:00 AMLab ID:1705N67-017Matrix:Drinking Water

Analyses		Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS	E200.8				(E2	200.2)			
Lead		BRL	1.00		ug/L	243499	1	06/01/2017 21:40	JR

Date:

9-Jun-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

J Estimated value detected below Reporting Limit

Page 20 of 28

Client:Atlanta Environmental MgmtClient Sample ID:8018-052517-TL-001-CProject Name:DCSD - 8018Collection Date:5/25/2017 5:38:00 AMLab ID:1705N67-018Matrix:Drinking Water

Analyses		Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS	E200.8				(E2	200.2)			
Lead		BRL	1.00		ug/L	243499	1	06/01/2017 21:50	JR

Date:

9-Jun-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 8018-052517-OT-001-A

 Project Name:
 DCSD - 8018
 Collection Date:
 5/25/2017 5:22:00 AM

 Lab ID:
 1705N67-019
 Matrix:
 Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E2	00.8			(E2	200.2)			
Lead	BRL	1.00		ug/L	243499	1	06/01/2017 21:54	JR

Date:

9-Jun-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 22 of 28

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 8018-052517-OT-001-B

 Project Name:
 DCSD - 8018
 Collection Date:
 5/25/2017 5:23:00 AM

 Lab ID:
 1705N67-020
 Matrix:
 Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor		Analyst		
Trace Elements by ICP/MS E2	00.8	(E200.2)								
Lead	BRL	1.00		ug/L	243499	1	06/01/2017 21:57	JR		

Date:

9-Jun-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 23 of 28

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 8018-052517-IM-001-A

 Project Name:
 DCSD - 8018
 Collection Date:
 5/25/2017 5:40:00 AM

 Lab ID:
 1705N67-021
 Matrix:
 Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst		
Trace Elements by ICP/MS E200.	8	(E200.2)								
Lead	BRL	1.00		ug/L	243501	. 1	06/01/2017 22:18	JR		

Date:

9-Jun-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 24 of 28

Client:Atlanta Environmental MgmtClient Sample ID:8018-052517-SC-001-AProject Name:DCSD - 8018Collection Date:5/25/2017 4:57:00 AMLab ID:1705N67-022Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	BRL	1.00		ug/L	243501	1	06/01/2017 22:42	JR

Date:

9-Jun-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 25 of 28



SAMPLE/COOLER RECEIPT CHECKLIST

1. Client Name: ATLANTA ENVIRONMENTAL MANAGEM	ENT, l	INC.		AES Work Order Number	1705N67
2. Carrier: FedEx ☐ UPS ☐ USPS ☐ Client ■ Courier ☐ Othel					
	Yes	No	N/A	Details	Comments
3. Shipping container/cooler received in good condition?	0	0	0	damaged leaking other	
4. Custody seals present on shipping container?	0	Ō	0		
5. Custody seals intact on shipping container?	0	0	0		
6. Temperature blanks present?	0		0		
Cooler temperature(s) within limits of 0-6°C? [See item 13 and 14 for temperature recordings.]	0	0	0	Cooling initiated for recently collected samples / ice present	
8. Chain of Custody (COC) present?	0	0	0		
Chain of Custody signed, dated, and timed when relinquished and received?	6	8	7		
10. Sampler name and/or signature on COC?	8	8	8		
11. Were all samples received within holding time?	Ö	n	A	- Water	
12. TAT marked on the COC?	8	X	X	If no TAT indicated, proceeded with standard TAT per Te	rms & Conditions.
13. Cooler 1 Temperature 2.1 °C Cooler 2 Temperature			°C		r 4 Temperature °C 8 Temperature °C
	Yes	No	N/A	l certify that I have co Details	mpleted sections 1-15 (dated initials). MDP 5/25/17 Comments
16. Were sample containers intact upon receipt?	(0	O		
17. Custody seals present on sample containers?	O	0	Õ		
18. Custody seals intact on sample containers?	Ö	O	0		
19. Do sample container labels match the COC?	0	Ŏ	0	incomplete info illegible no label other	
20. Are analyses requested indicated on the COC?	0	0	0		
21. Were all of the samples listed on the COC received?	0	0	0	samples received but not listed on COC samples listed on COC not received	
22. Was the sample collection date/time noted?	0	0	0		
23. Did we receive sufficient sample volume for indicated analyses?	0	0	0		
24. Were samples received in appropriate containers?	0	O	O		
25. Were VOA samples received without headspace (< 1/4" bubble)?	O	O	0		
26. Were trip blanks submitted?	0	O	0	listed on COC not listed on COC	
27. Comments:					
				l certify that I have co	mpleted sections 16-27 (dated initials). MDP 5/25/17
	Yes	No	N/A	Details	Comments
28. Have containers needing chemical preservation been checked?	0	0	0		
29. Containers meet preservation guidelines?	Ŏ	8	O		

MDP 5/25/17 I certify that I have completed sections 28-30 (dated initials). Page 26 of $\overline{28}$

Client: Atlanta Environmental Mgmt

Project Name: DCSD - 8018 Workorder: 1705N67

ANALYTICAL QC SUMMARY REPORT

Date:

9-Jun-17

BatchID: 243499

Sample ID: MB-243499	Client ID:				Uni	ts: ug/L	Prep	Date: 06/0	01/2017	Run No: 3445	17
SampleType: MBLK	TestCode:	Trace Elements by ICP/M	IS E200.8		Bat	chID: 243499	Anal	ysis Date: 06/0	01/2017	Seq No: 7558	780
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	BRL	1.00									
Sample ID: LCS-243499	Client ID:				Uni	ts: ug/L	Prep	Date: 06/0	01/2017	Run No: 3445	17
SampleType: LCS	TestCode:	Trace Elements by ICP/M	IS E200.8		Bat	chID: 243499	Anal	ysis Date: 06/0	01/2017	Seq No: 7558	781
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	87.46	1.00	100.0		87.5	85	115				
Sample ID: 1705N67-001AMS	Client ID:	8018-052517-DF-001	-A		Uni	ts: ug/L	Prep	Date: 06/0	01/2017	Run No: 3445	17
SampleType: MS	TestCode:	Trace Elements by ICP/M	IS E200.8		Bat	chID: 243499	Anal	ysis Date: 06/0	01/2017	Seq No: 7558	785
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	96.67	1.00	100.0	0.3544	96.3	70	130				
Sample ID: 1705N67-011AMS	Client ID:	8018-052517-DF-005	5-B		Uni	ts: ug/L	Prep	Date: 06/0	01/2017	Run No: 3445 1	17
SampleType: MS	TestCode:	Trace Elements by ICP/M	IS E200.8		Bat	chID: 243499	Anal	ysis Date: 06/0	01/2017	Seq No: 7558	788
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	99.83	1.00	100.0	1.043	98.8	70	130				
Sample ID: 1705N67-001AMSD		8018-052517-DF-001			Uni	ts: ug/L	Prep	Date: 06/0	01/2017	Run No: 3445 1	17
SampleType: MSD	TestCode:	Trace Elements by ICP/M	IS E200.8		Bat	chID: 243499	Anal	ysis Date: 06/0	01/2017	Seq No: 7558	786
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
ead	93.29	1.00	100.0	0.3544	92.9	70	130	96.67	3.56	20	

Qualifiers: > Greater than Result value

BRL Below reporting limit

Rpt Lim Reporting Limit

J Estimated value detected below Reporting Limit

F F.

E Estimated (value above quantitation range)

N Analyte not NELAC certified

Less than Result value

S Spike Recovery outside limits due to matrix

B Analyte detected in the associated method blank

H Holding times for preparation or analysis exceeded

R RPD outside limits due to matrix

Page 27 of 28

Client: Atlanta Environmental Mgmt

Project Name: DCSD - 8018 Workorder: 1705N67

ANALYTICAL QC SUMMARY REPORT

Date:

9-Jun-17

BatchID: 243501

Sample ID: MB-243501 SampleType: MBLK	Client ID:	Trace Elements by ICP/M	AS E200.8		Uni Bate	ts: ug/L	Prep Date: Analysis Date:	06/01/2017	Run No: 344518 Seq No: 7558845
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC		High Limit RPD Ro		•
Lead	BRL	1.00							
Sample ID: LCS-243501 SampleType: LCS	Client ID: TestCode:	Trace Elements by ICP/M	4S E200.8		Uni Bate	ts: ug/L chID: 243501	Prep Date: Analysis Date:	06/01/2017 06/01/2017	Run No: 344518 Seq No: 7558847
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Re	ef Val %RPI	RPD Limit Qual
Lead	95.46	1.00	100.0		95.5	85	115		
Sample ID: 1705N67-021AMS SampleType: MS		8018-052517-IM-001 Trace Elements by ICP/N			Uni Bate	ts: ug/L chID: 243501	Prep Date: Analysis Date:	06/01/2017 06/01/2017	Run No: 344518 Seq No: 7558851
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Re	ef Val %RPI	RPD Limit Qual
Lead	102.3	1.00	100.0		102	70	130		
Sample ID: 1705N68-009AMS SampleType: MS	Client ID: TestCode:	Trace Elements by ICP/M	1S E200.8		Uni Bate	ts: ug/L chID: 243501	Prep Date: Analysis Date:	06/01/2017 06/01/2017	Run No: 344518 Seq No: 7558858
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Re	ef Val %RPI	O RPD Limit Qual
Lead	92.90	1.00	100.0	0.2668	92.6	70	130		
Sample ID: 1705N67-021AMSD SampleType: MSD		8018-052517-IM-001 Trace Elements by ICP/M			Uni Bate	ts: ug/L chID: 243501	Prep Date: Analysis Date:	06/01/2017 06/01/2017	Run No: 344518 Seq No: 7558853
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Re	ef Val %RPI	O RPD Limit Qual
Lead	98.79	1.00	100.0		98.8	70	130 102.	3 3.51	20

Qualifiers: > Greater than Result value

BRL Below reporting limit

Rpt Lim Reporting Limit

J Estimated value detected below Reporting Limit

than Result value < Less than Result value

E Estimated (value above quantitation range)

N Analyte not NELAC certified

S Spike Recovery outside limits due to matrix

B Analyte detected in the associated method blank

H Holding times for preparation or analysis exceeded

R RPD outside limits due to matrix

Page 28 of 28

November 7, 2017

Via E-Mail: Joshua_l_williams@dekalbschoolsga.org

Mr. Joshua L. Williams, MBA, MSM, PMP Chief Operations Officer DeKalb County School District Operations Division Sam Moss Service Center 1780 Montreal Road Tucker, Georgia 30084

Re: Lead in Drinking Water Sampling Report
Sam Moss Service Center Maintenance Buildings (Facility ID #8018)
1780 Montreal Road, Tucker, Georgia 30084
AEM Project No. 1561-1601

Dear Mr. Williams:

Atlanta Environmental Management, Inc. (AEM) is pleased to provide the DeKalb County School District (DCSD) an electronic copy of the Final Technical Lead in Drinking Water Sampling Report for the Sam Moss Service Center Maintenance Buildings (Facility ID #8018). Samples were collected on October 6, 2017, and laboratory analytical results were received from Analytical Environmental Services, Inc., on October 18, 2017.

FINDINGS

AEM collected 21 drinking water samples from 10 sources at the Sam Moss Service Center Maintenance Buildings (Facility ID #8018), including 2 duplicate samples. Figure 1 depicts the source sample locations. Samples were collected in accordance with the Water Sampling Methodology Protocol for DeKalb County School District, dated September 12, 2016. A copy of AEM's Field Sampling Notes is provided in Attachment A.

A description of the drinking water outlets sampled and a summary of sample analytical results are provided in Table 1. None of the samples collected and analyzed contained lead at a concentration equal to or above the U.S. Environmental Protection Agency's action level of 15 parts per billion. A copy of the AES laboratory analytical report is provided in Attachment B.

Mr. Joshua Williams—DeKalb County School District November 7, 2017 Page 2

We appreciate your selection of AEM for this project. If you have any questions, please do not hesitate to contact us.

Sincerely,

Atlanta Environmental Management, Inc.

Leona Miles, CHMM Senior Project Manager

Janet T. Hart President

/krf

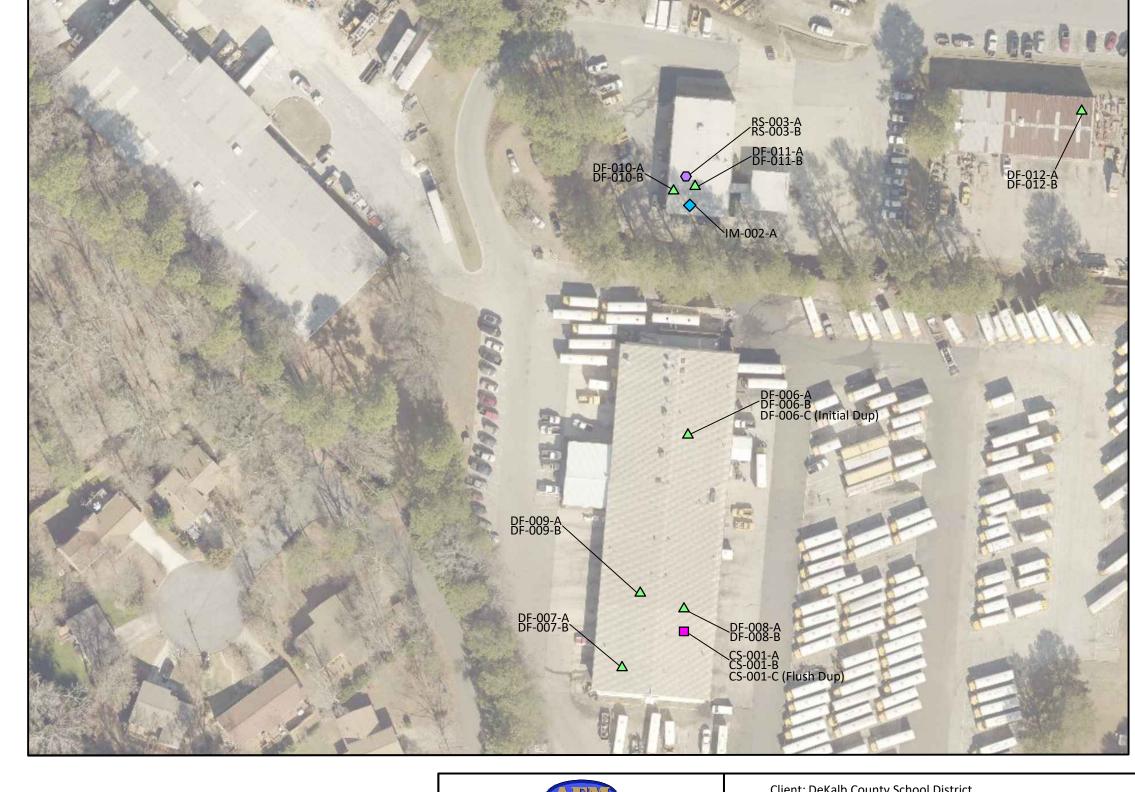
cc: Daniel Drake (DCSD)
Tracee Hill (DCSD)

FIGURE



Legend

- Cafeteria Sink (CS)
 Drinking Fountain (DF)
 Ice Maker (IM)
 Restroom Sink (RS)









PROJECT #: 1561-1601-8018 November 3, 2017 DATE: REVISED: DRAWN BY: CHECKED BY: SCALE: NTS PROJECT MGR:

Client: DeKalb County School District Site Location: Sam Moss Service Center Facility (8018) 1780 Montreal Road Tucker, GA 30084

Sample Location Plan

Figure

PRINTED: 11/3/2017 3:22 PM G:\DWG\1561-1601 DeKalb County Schools\8018\8018-2

TABLE



Table 1. Summary of Lead in Drinking Water Laboratory Analytical Results

Sam Moss Service Center Maintenance Buildings



1780 Montreal Road, Tucker, GA 30084

Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
8018-100617-CS-001-A	Initial Draw sample; Only sink in the Bus Driver Waiting Lounge	10/6/17 4:56 AM	1.50
8018-100617-CS-001-B	Flush sample; Only sink in the Bus Driver Waiting Lounge	10/6/17 4:57 AM	1.03
8018-100617-CS-001-C	Flush Duplicate sample; Only sink in the Bus Driver Waiting Lounge	10/6/17 4:58 AM	None Detected
8018-100617-DF-006-A	Initial Draw sample; Single Halsey Taylor Drinking Fountain wall-mounted on cinder block wall in the middle of the maintenance warehouse	10/6/17 5:13 AM	None Detected
8018-100617-DF-006-B	Flush sample; Single Halsey Taylor Drinking Fountain wall-mounted on cinder block wall in the middle of the maintenance warehouse	10/6/17 5:15 AM	None Detected
8018-100617-DF-006-C	Initial Draw sample Duplicate; Single Halsey Taylor Drinking Fountain wall-mounted on cinder block wall in the middle of the maintenance warehouse	10/6/17 5:14 AM	None Detected
8018-100617-DF-007-A	Initial Draw sample; Single Elkay Drinking Fountain wall-mounted near fire extinguisher storage area of the Back Shop	10/6/17 5:27 AM	2.54
8018-100617-DF-007-B	Flush sample; Single Elkay Drinking Fountain wall-mounted near fire extinguisher storage area of the Back Shop	10/6/17 5:28 AM	1.98
8018-100617-DF-008-A	Initial Draw sample; Single wall mounted Drinking Fountain outside the Bus Maintenance Office	10/6/17 5:05 AM	14.9
8018-100617-DF-008-B	Flush sample; Single wall mounted Drinking Fountain outside the Bus Maintenance Office	10/6/17 05:006	5.43
8018-100617-DF-009-A	Initial Draw sample; Single wall mounted Drinking Fountain to the left of the Janitor's closet	10/6/17 5:21 AM	7.39
8018-100617-DF-009-B	Flush sample; Single wall mounted Drinking Fountain to the left of the Janitor's closet	10/6/17 5:22 AM	14.4
8018-100617-DF-010-A	Initial Draw sample; Single Elkay wall mounted Drinking Fountain to the right of the Men's RR in the Fuel Building	10/6/17 5:48 AM	2.49
8018-100617-DF-010-B	Flush sample; Single Elkay wall mounted Drinking Fountain to the right of the Men's RR in the Fuel Building	10/6/17 5:49 AM	4.28
8018-100617-DF-011-A	Initial Draw sample; Single Elkay wall mounted Drinking Fountain to the right of the Women's RR in the Fuel Building	10/6/17 5:43 AM	3.13
8018-100617-DF-011-B	Flush sample; Single Elkay wall mounted Drinking Fountain to the right of the Women's RR in the Fuel Building	43014.24	5.60

Table 1. Summary of Lead in Drinking Water Laboratory Analytical Results

Sam Moss Service Center Maintenance Buildings



1780 Montreal Road, Tucker, GA 30084

Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
	Initial Draw sample; Single Elkay floor mounted Drinking Fountain to the right of the shop		
8018-100617-DF-012-A	sink in the cagged area of the Lawn Mower Shop	10/6/17 6:07 AM	1.26
	Flush sample; Single Elkay floor mounted Drinking Fountain to the right of the shop sink in		
8018-100617-DF-012-B	the cagged area of the Lawn Mower Shop	10/6/17 6:08 AM	1.94
8018-100617-RS-003-A	Initial Draw sample; Only sink in the Women's RR of the Fuel Building	10/6/17 5:54 AM	1.94
8018-100617-RS-003-B	Flush sample; Only sink in the Women's RR of the Fuel Building	10/6/17 5:55 AM	None Detected
	Initial Draw sample; Scotsman Ice Machine by the lockers in the Break Room of the Fueld		
8018-100617-IM-002-A	Building	10/6/17 5:38 AM	None Detected

Notes:

ppb-parts per billion

Bold-Exceeds 15 ppb--EPA's Action Level for Lead

^{*} Note--Where "A" and "B" are indicated, AEM collected two samples at each source area location: ("A") initial draw sample; and ("B") after a 30-second flush sample

ATTACHMENT A AEM Field Sampling Forms



DEKALB COUNTY SCHOOL DISTRICT LEAD IN DRINKING WATER FIELD DATA SHEET

FACILITY NAME: SAM MOSS SERVICE CENTER FACILITY FACILITY ID: 8018

ADDRESS: 1780 Montreal Rd. Tucker, GA, 30084

DATE	TIME	SAMPLE ID (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
10/6/17	0456	8018 - 100617 - (S-00) - A	Bus driver weitins lounse		Only Sink in Room	A
10/6/17	0457	8018 - 100617 - CS-COI-B	Ç.	In room Hallway	, , , ,	A
10/6/17	0458	8018 - 100617 - (S-001 - C	o.	In room Hallway	Flush Dup	M
10/6/17	6505	8018 - 100617 - DF - OG8 - A	Bus Maintena	Hallway	Sinsie wm DF outside bus maintenance office	M
10/6/17	0566	8018 - 100617 - DF - 008 - B	į i	In room Hallway	v (A
10/6/17	0513	8018 - 100617 - DT -006 - A	11	In room Hallway	Single Halsey Taylor Floor mount on Controllock wall in	4
10/6/17	0515	8018 - 100617 - DF - 006 - B	(,	In room Hallway	Slow leak from base of head	47
10/6/17	0519	8018 - 100617 - DF - 00 6 - C	(1)	in room Hallway	initial dup	PM
10/6/17	०६८।	8018 - 100617 - DF-009-A	Left of Janltors Room	In room Hallway	Single well mounted	A
10/6/17	6527	8018 - 100617 - DF -009 - B	(t	In room Hallway	l i	27

DEKALB COUNTY SCHOOL DISTRICT LEAD IN DRINKING WATER FIELD DATA SHEET

FACILITY NAME: SAM MOSS SERVICE CENTER FACILITY FACILITY ID: 8018

ADDRESS: 1780 Montreal Rd. Tucker, GA, 30084

DATE	TIME	SAMPLE ID (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
10/6/17	0527	8018 - 100617 - DF-007 -A	back Shop	dn room Hallway	single Elkay winds near fire extragalment storage	A
10/6/17	0528	8018 - 100617 - DF-007-13	4.5	In room Hallway	7.1	A
10/6/17	0536	8018 - 100617 - TM-00Z-A	Break Area Fuel bldg	In room Hallway	In - scotsman by Golkers in break area	A
10/6/17	0543	8018 - 100617 - DF-GN-A	to right of womens RR	In room Hallway	Single Elkay win	A
10/6/17	0544	8018 - 100617 - DF - O 11 - B	11	In room Haliway	در	M
10/6/17	0548	8018 - 100617 - DF-010 - A	maintenance Area in Fuel 6185- to 119 ht OF Mens RR	In room Hallway	single Elkay Wm	A
10/6/17	3549	8018 - 100617 - DF-010-B	n	n room Hallway	i v	A
10/6/17	0554	8018 - 100617 - RS-003-A	only sink in womens Re	in room Hallway	womens RR infact blog	iA
10/6/17	0555	8018 - 100617 - RS-003-B	11	In room Hallway	\)	41
10/6/17		8018 - 100617 -		In room Hallway		

DEKALB COUNTY SCHOOL DISTRICT LEAD IN DRINKING WATER FIELD DATA SHEET

FACILITY NAME:

SAM MOSS SERVICE CENTER FACILITY

FACILITY ID:

8018

ADDRESS: 1780 Montreal Rd. Tucker, GA, 30084

DATE	TIME	SAMPLE ID (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
10/6/17	0607	8018 - 100617 - DF-012-A	laun mower shot Case Area	In room Hallway	Single Floor mount Elkay DF to right of Shop Sink.	M
10/6/17	0608	8018 - 100617 - DF-012-B	(4	in room Hallway	L _C	A
10/6/17		8018 - 100617 -		In room Hallway		
10/6/17		8018 - 100617 -		In room Hallway		
10/6/17		8018 - 100617 -		In room Hallway		
10/6/17		8018 - 100617 -		In room Hallway		
10/6/17		8018 - 100617 -		In room Hallway		
10/6/17		8018 - 100617 -		In room Hallway		
10/6/17		8018 - 100617 -		In room Hallway		
10/6/17		8018 - 100617 -		In room Hallway		

ATTACHMENT B AES Laboratory Analytical Report



Leona Miles

From: NoReply@aesatlanta.net

Sent: Wednesday, October 18, 2017 4:34 PM

To: leona-miles@aem-net.com; tim-royer@aem-net.com

Subject: DCSD - 8018

Attachments: 1710561_REPORT.pdf; 1710561Invoice.pdf

Please see attached. If you have any questions or need further assistance please contact your project manager at 770-457-8177.

AES Reporting System

ANALYTICAL ENVIRONMENTAL SERVICES,INC. 3080 Presidential Drive ATLANTA,GA 30340 Tel:770-457-8177 Fax:770-457-8188 http:\\www.aesatlanta.com

NOTICE OF CONFIDENTIALITY: The information in this email and / or attachments may be legally privileged and is confidential information intended for the use of the individual or entity named in the email address. If the reader of this message is not the intended recipient, you are hereby notified that any use, dissemination, distribution, or copy of this email and / or attachments is strictly prohibited. If you have received this email in error, please notify Analytical Environmental Services Customer Service by telephone at (770) 457-8177 or by email at info@aesatlanta.com <mailto:info@aesatlanta.com> and delete the message. Thank you

ANALYTICAL ENVIRONMENTAL SERVICES, INC.



October 18, 2017

Leona Miles

2580 NE Expressway

Atlanta Environmental Mgmt

Atlanta

GA

30345

RE:

DCSD - 8018

Dear Leona Miles:

Order No:

1710561

Analytical Environmental Services, Inc. received

21 samples on

10/6/2017 8:30:00 AM

for the analyses presented in following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative. AES's accreditations are as follows:

-NELAP/State of Florida Laboratory ID E87582 for analysis of Non-Potable Water, Solid & Chemical Materials, Air & Emissions Volatile Organics, and Drinking Water Microbiology & Metals, effective 07/01/17-06/30/18.

State of Georgia, Department of Natural Resources ID #800 for analysis of Drinking Water Metals, effective 07/01/17-06/30/18 and Total Coliforms/ E. coli, effective 04/25/17-04/24/20.

- -NELAP/Louisiana Agency Interest No. 100818 for or analysis of Non-Potable Water and Solid & Chemical Materials, effective 07/01/17-06/30/18.
- -AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Metals, PCM Asbestos, Gravimetric), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 11/01/17.

These results relate only to the items tested. This report may only be reproduced in full.

If you have any questions regarding these test results, please feel free to call.

Sincerely,

Ioana Pacurar

Project Manager

Ivana Pacurar

ANALYTICAL ENVIRONMENTAL SERVICES, INC

CHAIN OF CUSTODY

Work Order: 1710560

3080 Presidential Drive, Atlanta GA 30340-3704

TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

10/6/17				
. I()(Q// /	Dogo	1	o.f	2

COMPANY:	Atlanta Environmental Management Inc	ADDRESS:	2580 North	east Ex	pressway NE					AN	ALY	SIS RI	EQUE	STED				Visit our website	
			Atlanta, GA	30345			∞											ww.aesatlanta.com heck on the status of	
PHONE:	404-329-9006	FAX:	404-329-	2057			200.8)											r results, place bottle	1
SAMPLED BY:	Andy Jeusen	SIGNATURÊ	1eac			1 1	Lead (ŧ									orders, etc.	No # of Containers
		SA	MPLED	1	<u>g</u>	§ [್ವ						<u> </u>						# 0N
#	SAMPLE ID	DATE	TIME	Grab	Composite	(See cod	T	[PRI	ESERV	ATIO	N (See	codes)			1	REMARKS	
1	8018-1006M-CS-001-A	10/6/17	0456	X	P		X												, in
2	8018-100617-C5-001-B	i, posperan	0457	X	L D	7	X												
3	8018-100617-CS-001-C	Petropolis	०५५४	X		ا لر	太												**************************************
4	8018-100617-DF-008-A	**Contraction of the Contraction	0505	V	D	5	Χ												johnson
5	80 18-100617-DF-008-B	S Characher (state of the state	0.209	Ý	Du	N	大				<u> </u>								*****
6	8018-1006M-DF-006-A		0513	X			Λ.		\perp										
7	8018-1006M-DF-006-B	n-web stockton	05/5	X			X										<u> </u>		ŀ
8	2018-100617-DF-006-C		0514	X	Ιρί	<i>J</i>	X												E.
9	8018-100617-DF-009-14	200	0521	X	Du	المر	X				<u> </u>		<u> </u>						(
10	8018-100617-DF-009-B	addatasetes	0522	X		N.	λ												f
11	8018-1006 17-DF-007-A		0527	X			<												ę.
12	8018 -100617 -DF-007-B		0528	X	Dı		<												ŧ
13	8018-100617-DF-011-A		0543	Y		w)	X.												વ
14	8018-100617-DF-011-B		0544	1		J. 1	X												1
15	8018-100617-IM-002-A	U	0538	X	P	V)	X												ě
RELINQUISHED I	BY DATE/TIME	RECEIVED	Y		DATE/I		OIEC	27.3143.4	Υ.	PRC	DJECT	INFO	DRMA	TION				RECEIPT	1
" (Ta	Se 10/6/17 0830	Tame	180tal 10	1016	7830	PI	KOJEC	T NAM	ь:	DC								Total # of Containers	
2:	, ,	2':		` '	_	-	ROJEC			150	61-	601					1 _	Turnaround Time Request	
3.		3.				SI	TE AI	DDRESS	:	81) I	8					18	Standard 5 Business Days	
P.						SE	END R	EPORT				· Super	niles	@aem	-net.c	om	18	2 Business Day Rush Next Business Day Rush	
81	CTIONS/COMMENTS:	OUT /	SHIPMENT	METHO	DD .	IN	VOIC	E TO: ERENT	Leon		s						Ö	Same Day Rush (auth req.) Other: 10 business Days	ı
res	erre samples at lab	IN CLIEN	FedEx UP	VIA: S MAII	L COURIER												1	PROGRAM (if any): Y Y / N; Fax? Y / N	
		GRI	YHOUND OT	THER		Qī	UOTE	#:			14.1.222		PO#:				DATA	PACKAGE: I II III	IV
1	IVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS R DISPOSED OF 30 DAYS AFTER COMPLETION OF REPORT 1					r is ma	RKEI	D ON C	OC AI	ES WI	LL PF	OCE	ED AS	STAND	ARD TA	Г.			

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water DW=Drinking Water W = Water (Blanks) O = Other (specify)

Page 2 of 28

CHAIN OF CUSTODY

Work Order: 1710561

ES

3080 Presidential Drive, Atlanta GA 30340-3704

TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

					•.
ate:	10/6/17	Page	7	of	1

COMPANY: Atlant	Address: 2580 Northeast Expressway NE							A	NAL	YSIS	REQU	ESTE)			Visit our website			
			Atlanta, GA	30345			∞											www.aesatlanta.com	- 1
PHONE: 404-3	29-9006	FAX:	404-329-	2057			200.8)											our results, place bott	1 10
SAMPLED BY: AND Y	Jensen	SIGNATURE	Has	P_mana			Lead (orders, etc.	No # of Container
,		SA	MPLED	1	<u>a</u>	(\$)	Le							1.					# °Z
#	SAMPLE ID	DATE	TIME	Grab	Composite	Matrix (See codes)	I			PI	RESE	RVAT	ION (S	ee codes) 			REMARKS	
	-100617-DF-010-A	10/6/17	०९५४	X		W	X												· independent
2 8018	-100617-DF-010-B		0549	X		DW	X												opporer
	-100617-RS-003-A	*Corpition page 100 miles	0554	Х		DW	X												july.
1 8018-	100117-R5-003-B		05 55	X		DW	X												į
5 8018 -	100817-DF-012-A		0607	χ		DW	X				\perp	_							1
6 8018	100617-DF-012-B	V	0608	X		PW	X			┸			\perp						1
7															<u> </u>				_
8											\perp								
9											\perp							1 TE 1 TO 1 TO 1 TO 1	
10											\perp	\bot							
11										_	\perp								
12											\perp	\perp					_		
13																			
14											_L								
15																			
RELINQUISHED BY	DATE/TIME	RECEIVED	Υ			DATE/TIME	PROJE	CTN	A N (Tr.	PF	OJE	CT IN	FORM	ATION	Į .			RECEIPT	
Muse	10/6/17 0830	Tam	saleta	210/1	0/178	330					CSI							Total # of Containers	
2: '		2: ()	•	•		-	ECT#:		1;	261	-160)1				\dashv ,	Turnaround Time Reques	
3.		3:					SITE A	ADDRE	ESS;		X	(\)	4					Standard 5 Business Days 2 Business Day Rush	
							SEND	REPO	RT TO:	:	le	ona-	mile	s@ae	em-ne	t.com		Next Business Day Rush	
SPECIAL INSTRUCTIONS/C	COMMENTS: Samples 4+	OUT /	SHIPMEN'	METHO	D		INVOI	CE TO): Le	опа М	iles							Same Day Rush (auth rec Other: 10 business Days	.)
Cel		IN CLIES	/ NF FedEx U	VIA:	COLID	1CD												ATE PROGRAM (if any):	_
ا فسو الإ	>			75 MAIL THER	. COUR		QUOT	E#:_					PO	#:				nail? Y/N;	IV
1	TER 3PM OR SATURDAY ARE CONSIDERED AS O OF 30 DAYS AFTER COMPLETION OF REPORT						IARKI	ED ON	coc.	AES W	ILL	PROC	EED A	S STA	NDARD	ТАТ.			

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water DW=Drinking Water W = Water (Blanks) O = Other (specify)

Page 3 of 28

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 8018-100617-CS-001-A

 Project Name:
 DCSD - 8018
 Collection Date:
 10/6/2017 4:56:00 AM

 Lab ID:
 1710561-001
 Matrix:
 Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E 2	200.2)			
Lead	1.50	1.00		ug/L	249548	3 1	10/17/2017 14:51	JR

Date:

18-Oct-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative
NC Not confirmed

< Less than Result value

J Estimated value detected below Reporting Limit

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 8018-100617-CS-001-B

 Project Name:
 DCSD - 8018
 Collection Date:
 10/6/2017 4:57:00 AM

 Lab ID:
 1710561-002
 Matrix:
 Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	1.03	1.00		ug/L	249548	1	10/17/2017 14:57	JR

Date:

18-Oct-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

J Estimated value detected below Reporting Limit

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 8018-100617-CS-001-C

 Project Name:
 DCSD - 8018
 Collection Date:
 10/6/2017 4:58:00 AM

 Lab ID:
 1710561-003
 Matrix:
 Drinking Water

Analyses		Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS	E200.8				(E2	200.2)			
Lead		BRL	1.00		ug/L	249548	1	10/17/2017 15:03	JR

Date:

18-Oct-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

Less than Result value

J Estimated value detected below Reporting Limit

Page 6 of 28

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 8018-100617-DF-008-A

 Project Name:
 DCSD - 8018
 Collection Date:
 10/6/2017 5:05:00 AM

 Lab ID:
 1710561-004
 Matrix:
 Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E2	200.8			(E2	200.2)			
Lead	14.9	1.00		ug/L	249495	1	10/12/2017 23:22	JR

Date:

18-Oct-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 7 of 28

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 8018-100617-DF-008-B

 Project Name:
 DCSD - 8018
 Collection Date:
 10/6/2017 5:06:00 AM

 Lab ID:
 1710561-005
 Matrix:
 Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E	E200.8			(E2	200.2)			
Lead	5.43	1.00		ug/L	249495	1	10/12/2017 23:29	JR

Date:

18-Oct-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

J Estimated value detected below Reporting Limit

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 8018-100617-DF-006-A

 Project Name:
 DCSD - 8018
 Collection Date:
 10/6/2017 5:13:00 AM

 Lab ID:
 1710561-006
 Matrix:
 Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E2	00.8			(E2	200.2)			
Lead	BRL	1.00		ug/L	249548	1	10/17/2017 15:10	JR

Date:

18-Oct-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative NC Not confirmed

< Less than Result value

J Estimated value detected below Reporting Limit

Page 9 of 28

Client:Atlanta Environmental MgmtClient Sample ID:8018-100617-DF-006-BProject Name:DCSD - 8018Collection Date:10/6/2017 5:15:00 AMLab ID:1710561-007Matrix:Drinking Water

Analyses		Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS	E200.8				(E2	200.2)			
Lead		BRL	1.00		ug/L	249548	1	10/16/2017 17:41	JR

Date:

18-Oct-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 10 of 28

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 8018-100617-DF-006-C

 Project Name:
 DCSD - 8018
 Collection Date:
 10/6/2017 5:14:00 AM

 Lab ID:
 1710561-008
 Matrix:
 Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor		Analyst
Trace Elements by ICP/MS E20	0.8			(E2	200.2)			
Lead	BRL	1.00		ug/L	249548	1	10/17/2017 15:16	JR

Date:

18-Oct-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

J Estimated value detected below Reporting Limit

Page 11 of 28

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 8018-100617-DF-009-A

 Project Name:
 DCSD - 8018
 Collection Date:
 10/6/2017 5:21:00 AM

 Lab ID:
 1710561-009
 Matrix:
 Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS F	E200.8			(E 2	200.2)			
Lead	7.39	1.00		ug/L	249548	1	10/17/2017 15:35	JR

Date:

18-Oct-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 12 of 28

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 8018-100617-DF-009-B

 Project Name:
 DCSD - 8018
 Collection Date:
 10/6/2017 5:22:00 AM

 Lab ID:
 1710561-010
 Matrix:
 Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	14.4	1.00		ug/L	249548	1	10/17/2017 15:41	JR

Date:

18-Oct-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 13 of 28

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 8018-100617-DF-007-A

 Project Name:
 DCSD - 8018
 Collection Date:
 10/6/2017 5:27:00 AM

 Lab ID:
 1710561-011
 Matrix:
 Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor		Analyst
Trace Elements by ICP/MS E2	00.8			(E2	200.2)			
Lead	2.54	1.00		ug/L	249548	1	10/17/2017 15:48	JR

Date:

18-Oct-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 14 of 28

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 8018-100617-DF-007-B

 Project Name:
 DCSD - 8018
 Collection Date:
 10/6/2017 5:28:00 AM

 Lab ID:
 1710561-012
 Matrix:
 Drinking Water

Analyses		Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS	E200.8				(E 2	200.2)			
Lead		1.98	1.00		ug/L	249548	3 1	10/17/2017 15:54	JR

Date:

18-Oct-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 15 of 28

Client:Atlanta Environmental MgmtClient Sample ID:8018-100617-DF-011-AProject Name:DCSD - 8018Collection Date:10/6/2017 5:43:00 AMLab ID:1710561-013Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor		Analyst
Trace Elements by ICP/MS E20	0.8			(E2	200.2)			
Lead	3.13	1.00		ug/L	249548	1	10/17/2017 16:00	JR

Date:

18-Oct-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 16 of 28

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 8018-100617-DF-011-B

 Project Name:
 DCSD - 8018
 Collection Date:
 10/6/2017 5:44:00 AM

 Lab ID:
 1710561-014
 Matrix:
 Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor		Analyst
Trace Elements by ICP/MS E200	.8			(E2	200.2)			
Lead	5.60	1.00		ug/L	249548	3 1	10/17/2017 16:07	JR

Date:

18-Oct-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 17 of 28

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 8018-100617-IM-002-A

 Project Name:
 DCSD - 8018
 Collection Date:
 10/6/2017 5:38:00 AM

 Lab ID:
 1710561-015
 Matrix:
 Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E2	00.8			(E2	200.2)			
Lead	BRL	1.00		ug/L	249548	1	10/17/2017 16:13	JR

Date:

18-Oct-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative NC Not confirmed

< Less than Result value

J Estimated value detected below Reporting Limit

Page 18 of 28

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 8018-100617-DF-010-A

 Project Name:
 DCSD - 8018
 Collection Date:
 10/6/2017 5:48:00 AM

 Lab ID:
 1710561-016
 Matrix:
 Drinking Water

Analyses		Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS	E200.8				(E 2	200.2)			
Lead		2.49	1.00		ug/L	249548	1	10/17/2017 16:19	JR

Date:

18-Oct-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 19 of 28

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 8018-100617-DF-010-B

 Project Name:
 DCSD - 8018
 Collection Date:
 10/6/2017 5:49:00 AM

 Lab ID:
 1710561-017
 Matrix:
 Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	Units BatchID		Date Analyzed	Analyst
Trace Elements by ICP/MS E200.	8			(E2	200.2)			
Lead	4.28	1.00		ug/L	249551	1	10/10/2017 16:17	JR

Date:

18-Oct-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 20 of 28

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 8018-100617-RS-003-A

 Project Name:
 DCSD - 8018
 Collection Date:
 10/6/2017 5:54:00 AM

 Lab ID:
 1710561-018
 Matrix:
 Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor		Analyst	
Trace Elements by ICP/MS E20	00.8			(E2	200.2)				
Lead	1.94	1.00		ug/L	249551	. 1	10/10/2017 17:07	JR	

Date:

18-Oct-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

J Estimated value detected below Reporting Limit

Page 21 of 28

Client:Atlanta Environmental MgmtClient Sample ID:8018-100617-RS-003-BProject Name:DCSD - 8018Collection Date:10/6/2017 5:55:00 AMLab ID:1710561-019Matrix:Drinking Water

Analyses		Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS	E200.8				(E2	200.2)			
Lead		BRL	1.00		ug/L	249551	1	10/10/2017 17:13	JR

Date:

18-Oct-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 22 of 28

Client:Atlanta Environmental MgmtClient Sample ID:8018-100617-DF-012-AProject Name:DCSD - 8018Collection Date:10/6/2017 6:07:00 AMLab ID:1710561-020Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor		d Analyst	
Trace Elements by ICP/MS E20	0.8			(E2	200.2)				
Lead	1.26	1.00		ug/L	249551	. 1	10/10/2017 17:20	JR	

Date:

18-Oct-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 23 of 28

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 8018-100617-DF-012-B

 Project Name:
 DCSD - 8018
 Collection Date:
 10/6/2017 6:08:00 AM

 Lab ID:
 1710561-021
 Matrix:
 Drinking Water

Analyses		Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS	E200.8				(E 2	200.2)			
Lead		1.94	1.00		ug/L	249551	. 1	10/10/2017 17:39	JR

Date:

18-Oct-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 24 of 28



SAMPLE/COOLER RECEIPT CHECKLIST

1.	. Client Name:				AES Work Order Number	r:
2.	Carrier: FedEx UPS USPS Client Courier Other					
		Yes	No	N/A	Details	Comments
3.	Shipping container/cooler received in good condition?				damaged leaking other	
	Custody seals present on shipping container?					
5.	Custody seals intact on shipping container?					
6.	. Temperature blanks present?					
7.	Cooler temperature(s) within limits of 0-6°C? [See item 13 and 14 for				Cooling initiated for recently collected samples / ice	
/.	temperature recordings.]				present	
8.	. Chain of Custody (COC) present?					
9.	. Chain of Custody signed, dated, and timed when relinquished and received?					
10.	. Sampler name and/or signature on COC?					
11.	. Were all samples received within holding time?					
12.	TAT marked on the COC?				If no TAT indicated, proceeded with standard TAT per Te	erms & Conditions.
13.	Cooler 1 Temperature Cooler 2 Temperature			°C	Cooler 3 Temperature °C Coole	er 4 Temperature °C
						·
	Cooler 5 Temperature OC Cooler 6 Temperature			,C	Cooler 7 Temperature °C Coole	r 8 Temperature°C
15.	. Comments:					
						1.1.2.4.4.1.1.11.11
					i certify that I have co	mpleted sections 1-15 (dated initials).
		Yes	No	N/A	Details	Comments
	. Were sample containers intact upon receipt?	ļ				
	. Custody seals present on sample containers?	ļ				
18.	Custody seals intact on sample containers?					
19.	. Do sample container labels match the COC?				incomplete info illegible	
20.	Are analyses requested indicated on the COC?				no label other	
					samples received but not listed on COC	
21.	. Were all of the samples listed on the COC received?				samples listed on COC not received	
22.	. Was the sample collection date/time noted?					
23.	Did we receive sufficient sample volume for indicated analyses?					
24.	Were samples received in appropriate containers?					
25.	. Were VOA samples received without headspace (< 1/4" bubble)?					
26.	. Were trip blanks submitted?				listed on COC not listed on COC	
27.	. Comments:		-	-	•	
	-				I certify that I have co	mpleted sections 16-27 (dated initials).
		Yes	No	N/A	Details	Comments
28	Have containers needing chemical preservation been checked? *		1	.,,,	Jetans	Comments
	Containers meet preservation guidelines?	 				
	Was pH adjusted at Sample Receipt?					
	t	1		1		i e e e e e e e e e e e e e e e e e e e

Client: Atlanta Environmental Mgmt

Project Name: DCSD - 8018 **Workorder:** 1710561

ANALYTICAL QC SUMMARY REPORT

Date:

18-Oct-17

BatchID: 249495

Sample ID: MB-249495	Client ID:				Uni	its: ug/L	Prep Date:	10/10/2017	Run No: 354307
SampleType: MBLK	TestCode:	Trace Elements by ICP/M	S E200.8		Bat	chID: 249495	Analysis Date	10/12/2017	Seq No: 7797369
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Ro	ef Val %RPD	RPD Limit Qual
Lead	BRL	1.00							
Sample ID: LCS-249495	Client ID:				Uni	ts: ug/L	Prep Date:	10/10/2017	Run No: 354307
SampleType: LCS	TestCode:	Trace Elements by ICP/M	S E200.8		Bat	chID: 249495	Analysis Date	10/12/2017	Seq No: 7797370
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Re	ef Val %RPD	RPD Limit Qual
Lead	98.72	1.00	100.0		98.7	85	115		
Sample ID: 1710426-005AMS	Client ID:				Uni	its: ug/L	Prep Date:	10/10/2017	Run No: 354307
SampleType: MS	TestCode:	Trace Elements by ICP/M	S E200.8		Bat	chID: 249495	Analysis Date	10/12/2017	Seq No: 7797372
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Ro	ef Val %RPD	RPD Limit Qual
Lead	124.6	1.00	100.0	20.77	104	70	130		
Sample ID: 1710426-005AMSD	Client ID:				Uni	ts: ug/L	Prep Date:	10/10/2017	Run No: 354307
SampleType: MSD	TestCode:	Trace Elements by ICP/M	S E200.8		Bat	chID: 249495	Analysis Date	10/12/2017	Seq No: 7797373
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Ro	ef Val %RPD	RPD Limit Qual
Lead	122.3	1.00	100.0	20.77	101	70	130 124.	6 1.91	20

Qualifiers: > Greater than Result value

BRL Below reporting limit

Rpt Lim Reporting Limit

J Estimated value detected below Reporting Limit

< Less than Result value

E Estimated (value above quantitation range)

N Analyte not NELAC certified

S Spike Recovery outside limits due to matrix

B Analyte detected in the associated method blank

H Holding times for preparation or analysis exceeded

R RPD outside limits due to matrix

Page 26 of 28

Client: Atlanta Environmental Mgmt

Project Name: DCSD - 8018 Workorder: 1710561

ANALYTICAL QC SUMMARY REPORT

Date:

18-Oct-17

BatchID: 249548

Sample ID: MB-249548 SampleType: MBLK	Client ID:	Trace Elements by ICP/N	1S E200.8		Unit Bate	ts: ug/L	Prep Date: Analysis Date:	10/09/2017 10/16/2017	Run No: 354533 Seq No: 7802884
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC		High Limit RPD Ref		
Lead	BRL	1.00	5777 (4740	D111101 (W)	, , , ,			, , , , , , , , , , , , , , , , , , , ,	7 10 2 2
		1.00			TT.	7	D D. (10/00/2017	D N 254522
Sample ID: LCS-249548 SampleType: LCS	Client ID: TestCode:	Trace Elements by ICP/M	IS E200.8		Uni Bate	ts: ug/L chID: 249548	Prep Date: Analysis Date:	10/09/2017 10/16/2017	Run No: 354533 Seq No: 7802885
T JP									1
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Ref	Val %RPI	O RPD Limit Qual
Lead	92.50	1.00	100.0		92.5	85	115		
Sample ID: 1710427-019AMS	Client ID:				Uni	ts: ug/L	Prep Date:	10/09/2017	Run No: 354533
SampleType: MS	TestCode:	Trace Elements by ICP/N	1S E200.8		Bato	chID: 249548	Analysis Date:	10/16/2017	Seq No: 7802887
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Ref	`Val %RPI	RPD Limit Qual
Lead	90.54	1.00	100.0	1.308	89.2	70	130		
Sample ID: 1710561-007AMS SampleType: MS		8018-100617-DF-006 Trace Elements by ICP/N			Uni Bato	ts: ug/L chID: 249548	Prep Date: Analysis Date:	10/09/2017 10/16/2017	Run No: 354533 Seq No: 7802890
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Ref	`Val %RPI	O RPD Limit Qual
Lead	90.64	1.00	100.0	0.9282	89.7	70	130		
Sample ID: 1710427-019AMSD	Client ID:				Uni	ts: ug/L	Prep Date:	10/09/2017	Run No: 354533
SampleType: MSD	TestCode:	Trace Elements by ICP/M	IS E200.8		Bato	chID: 249548	Analysis Date:	10/16/2017	Seq No: 7802888
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Ref	`Val %RPI	RPD Limit Qual
Lead	89.44	1.00	100.0	1.308	88.1	70	130 90.54	1.22	20

Qualifiers: Greater than Result value

> BRL Below reporting limit

Rpt Lim Reporting Limit

Estimated value detected below Reporting Limit

Less than Result value

E Estimated (value above quantitation range)

N Analyte not NELAC certified

S Spike Recovery outside limits due to matrix

B Analyte detected in the associated method blank

H Holding times for preparation or analysis exceeded

R RPD outside limits due to matrix

Page 27 of 28

Client: Atlanta Environmental Mgmt

Project Name: DCSD - 8018 Workorder: 1710561

ANALYTICAL QC SUMMARY REPORT

Date:

18-Oct-17

BatchID: 249551

Sample ID: MB-249551	Client ID:	Trace Elements by ICP/N	AS E200.8		Uni		Prep Date:	10/09/2017	Run No: 354101
SampleType: MBLK	TestCode:	Trace Elements by ICF/N	15 E200.6		Bat	chID: 249551	Analysis Date:	10/10/2017	Seq No: 7792269
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Re	ef Val %RPI	O RPD Limit Qual
Lead	BRL	1.00							
Sample ID: LCS-249551 SampleType: LCS	Client ID: TestCode:	Trace Elements by ICP/M	4S E200.8		Uni Bat	ts: ug/L chID: 249551	Prep Date: Analysis Date:	10/09/2017 10/10/2017	Run No: 354101 Seq No: 7792270
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Re	f Val %RPI	O RPD Limit Qual
Lead	101.1	1.00	100.0		101	85	115		
Sample ID: 1710561-017AMS SampleType: MS		8018-100617-DF-010 Trace Elements by ICP/M			Uni Bat	ts: ug/L chID: 249551	Prep Date: Analysis Date:	10/09/2017 10/10/2017	Run No: 354101 Seq No: 7792272
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Re	ef Val %RPI	O RPD Limit Qual
Lead	98.24	1.00	100.0	4.276	94.0	70	130		
Sample ID: 1710562-006AMS SampleType: MS	Client ID: TestCode:	Trace Elements by ICP/M	1S E200.8		Uni Bat	ts: ug/L chID: 249551	Prep Date: Analysis Date:	10/09/2017 10/10/2017	Run No: 354101 Seq No: 7792275
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Re	f Val %RPI	O RPD Limit Qual
Lead	105.8	1.00	100.0	5.924	99.8	70	130		
Sample ID: 1710561-017AMSD SampleType: MSD		8018-100617-DF-010 Trace Elements by ICP/M			Uni Bat	ts: ug/L chID: 249551	Prep Date: Analysis Date:	10/09/2017 10/10/2017	Run No: 354101 Seq No: 7792273
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Re	f Val %RPI	O RPD Limit Qual
Lead	102.6	1.00	100.0	4.276	98.3	70	130 98.24	4 4.32	20

Qualifiers: > Greater than Result value

BRL Below reporting limit

Rpt Lim Reporting Limit

J Estimated value detected below Reporting Limit

< Less than Result value

E Estimated (value above quantitation range)

N Analyte not NELAC certified

S Spike Recovery outside limits due to matrix

B Analyte detected in the associated method blank

H Holding times for preparation or analysis exceeded

R RPD outside limits due to matrix

Page 28 of 28



June 12, 2017

Via E-Mail: Joshua_l_williams@dekalbschoolsga.org

Mr. Joshua L. Williams, MBA, MSM, PMP Chief Operations Officer DeKalb County School District Operations Division Sam Moss Service Center 1780 Montreal Road Tucker, Georgia 30084

Re: Lead in Drinking Water Sample Results
Sam Moss Service Center (Facility ID #8018)
1780 Montreal Road, Tucker, Georgia 30084
AEM Project No. 1561-1601

Dear Mr. Williams:

Atlanta Environmental Management, Inc. (AEM) is pleased to provide the DeKalb County School District (DCSD) an electronic copy of the Lead in Drinking Water Sample Results for Sam Moss Service Center (Facility ID #8018). Samples were collected on May 25, 2017. Laboratory analytical results were received from Analytical Environmental Services, Inc., on June 9, 2017.

FINDINGS

AEM collected 22 drinking water samples from 11 of sources at Sam Moss Service Center (Facility ID #8018), including two duplicate samples. A description of the drinking water outlets sampled and a summary of sample analytical results are provided in the attached table.

None of the samples collected and analyzed contained lead at a concentration equal to or above EPA's action level of 15 parts per billion.

We appreciate your selection of AEM for this project. If you have any questions, please do not hesitate to contact us.

Sincerely,

Atlanta Environmental Management, Inc.

Leona Miles, CHMM Senior Project Manager

Janet T. Hart President

/krf

cc: Daniel Drake (DCSD)
Tracee Hill (DCSD)

Sandra Glen (DeKalb County Watershed Management)

Ryan Cira (DeKalb Board of Health)

Attachment: Table

Table 1. Summary of Lead in Drinking Water Laboratory Analytical Results

Sam Moss Service Center Facility



1780 Montreal Road, Tucker, GA 30084

Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
	Initial Draw Sample; Single Halsey Taylor Drinking Fountain in Maintenance Shop next to		
8018-052517-DF-001-A	Ice Machine and Kitchen Shop Entrance; Wall-mounted	05/25/17 5:42 AM	None Detected
	Flush Sample; Single Halsey Taylor Drinking Fountain in Maintenance Shop next to Ice		
8018-052517-DF-001-B	Machine and Kitchen Shop Entrance; Wall-mounted	05/25/17 5:43 AM	None Detected
	Initial Draw Sample; Single Oasis Drinking Fountain in Hallway across from AV Shop		
8018-052517-DF-002-A	Entrance; Wall-mounted	05/25/17 5:32 AM	None Detected
	Flush Sample; Single Oasis Drinking Fountain in Hallway across from AV Shop Entrance;		
8018-052517-DF-002-B	Wall-mounted	05/25/17 5:33 AM	None Detected
	Initial Draw Sample; Single Elkay Drinking Fountain in Breakroom across from Richard		
8018-052517-DF-003-A	Boyd's Office; Wall-mounted	05/25/17 5:24 AM	None Detected
	Flush Sample; Single Elkay Drinking Fountain in Breakroom across from Richard Boyd's		
8018-052517-DF-003-B	Office; Wall-mounted	05/25/17 5:25 AM	None Detected
	Initial Draw Sample; Single Oasis Drinking Fountain in Office area next to Warehouse		
8018-052517-DF-004-A	entrance on far Right side of Building; Wall-mounted	05/25/17 5:12 AM	None Detected
	Flush Sample; Single Oasis Drinking Fountain in Office area next to Warehouse entrance on		
8018-052517-DF-004-B	far Right side of Building; Wall-mounted	05/25/17 5:13 AM	None Detected
	Initial Draw Sample; Single Oasis Drinking Fountain in Warehouse next to Entrance to office		
8018-052517-DF-005-A	area on far Right Side of Building; Wall-mounted	05/25/17 5:07 AM	None Detected
	Flush Sample; Single Oasis Drinking Fountain in Warehouse next to Entrance to office area		
8018-052517-DF-005-B	on far Right side of Building; Wall-mounted	05/25/17 5:08 AM	1.04
	Initial Draw Sample; Far Left Sink in Women's RR outside of Door Labeled "Maintenance		
8018-052517-RS-001-A	Shops"	05/25/17 5:30 AM	3.95
8018-052517-RS-001-B	Flush Sample; Far Left Sink in Women's RR outside of Door Labeled "Maintenance Shops"	05/25/17 5:31 AM	None Detected
	Initial Draw Sample; Sink in unisex RR in Office area next to Warehouse entrance on far		
8018-052517-RS-002-A	Right side of Building	05/25/17 5:15 AM	6.21
	Flush Sample; Sink in unisex RR in Office area next to Warehouse entrance on far Right side		
8018-052517-RS-002-B	of Building	05/25/17 5:16 AM	None Detected
8018-052517-TL-001-A	Initial Draw Sample; Sink in Maintenance Shop Breakroom	05/25/17 5:37 AM	1.18
8018-052517-TL-001-B	Flush Sample; Sink in Maintenance Shop Breakroom	05/25/17 5:39 AM	None Detected

Table 1. Summary of Lead in Drinking Water Laboratory Analytical Results

Sam Moss Service Center Facility



1780 Montreal Road, Tucker, GA 30084

Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
	Initial Draw Sample; Sink next to Coffee Maker in Breakroom across from Richard Boyd's		
8018-052517-OT-001-A	Office	05/25/17 5:22 AM	None Detected
8018-052517-OT-001-B	Flush Sample; Sink next to Coffee Maker in Breakroom across from Richard Boyd's Office Initial Draw Sample; Scotsman Ice Machine in Maintenance Shop next to Kitchen Shop	05/25/17 5:23 AM	None Detected
8018-052517-IM-001-A	Entrance	05/25/17 5:40 AM	None Detected
8018-052517-SC-001-A	Main Service Connection Entry into Building	05/25/17 4:57 AM	None Detected

Notes:

ppb-parts per billion

Bold-Exceeds 15 ppb--EPA's

Action Level for Lead

^{*} Note--Where "A" and "B" are indicated, AEM collected two samples at each source area location: ("A") initial draw sample; and ("B") after a 30-second flush sample