

July 10, 2019

Dear McClymonds Students, Families, and Staff,

Thank you for your continued support as OUSD continues to remediate water quality issues throughout our District. Since our last communication, additional testing and repairs have been completed at McClymonds High School to ensure that all water sources fall below District and federal guidelines.

We are happy to report that all thirty locations tested below the EPA action level of 15 parts per billion with the exception of two locations. In accordance with OUSD Board Policy 3511.3, additional steps were taken to repair locations that showed lead concentrations of above 5 parts per billion. Additionally, steps have been taken to remove the Drinking Fountain in the Courtyard (locations 20, 30, and 32 on the list below) from service. This Drinking Fountain will remain out of service until lead levels are remediated to below 5 parts per billion.

Please see the table below for a more detailed overview of test results from June 2018 through April 2019 (you will also find detailed test reports attached to this letter):

Location	Name	Date of Testing	Lead Concentration
1	Room 307	6/12/2018	2.5 parts per billion
2	Room 303	7/12/2018	1.9 parts per billion
3	Faucet - AIA Kitchen	1/15/2019	0.21 parts per billion
4	Drinking Fountain 2 - AIA Family Center	1/15/2019	1.7 parts per billion
5	Drinking Fountain 1 - Clinic	1/15/2019	0.21 parts per billion
6	Drinking Fountain - Boys Locker Room	1/15/2019	1.3 parts per billion
7	Flowater Station - Boys Gym Entrance	1/15/2019	Non-Detect
8	Drinking Fountain 1 - Girls Entrance	1/15/2019	0.73 parts per billion
9	Drinking Fountain - Girls Locker Room	1/15/2019	2.4 parts per billion
10	Drinking Fountain - adjacent to 1st floor Elevator	1/15/2019	0.26 parts per billion
11	Drinking Fountain - adjacent to 1st floor Elevator	1/15/2019	0.25 parts per billion
12	Hydration Station - adjacent to 1 Room 105	1/15/2019	0.054 parts per billion



13	Drinking Fountain - adjacent to 3rd floor Elevator	1/15/2019	0.87 parts per billion
14	Faucet - Room 108 Sink*	1/15/2019	32 parts per billion
15	Drinking Fountain - Hallway adjacent room 306	1/15/2019	1.1 parts per billion
16	Drinking Fountain - Hallway adjacent room 212	1/15/2019	1.9 parts per billion
17	Drinking Fountain - Hallway adjacent room 114	1/15/2019	0.28 parts per billion
18	Faucet Room 128 Sink	1/15/2019	4.2 parts per billion
19	Drinking Fountain - Hallway, adjacent cafeteria	1/15/2019	5 parts per billion
20	Drinking Fountain 1 - Courtyard*	1/15/2019	8.4 parts per billion
21	Drinking Fountain 1 - Pool	1/15/2019	0.74 parts per billion
22	Drinking Fountain - Football Bleacher	1/15/2019	0.5 parts per billion
23	Drinking Fountain - Football Bleacher	1/15/2019	4.4 parts per billion
24	Faucet A - Kitchen	1/15/2019	0.12 parts per billion
25	Faucet B - Kitchen	1/15/2019	0.079 parts per billion
26	Faucet C - Kitchen	1/15/2019	0.010 parts per billion
27	Faucet D - Kitchen	1/15/2019	0.32 parts per billion
28	Faucet F - Kitchen	1/15/2019	0.36 parts per billion
29	Drinking Fountain - Hallway adjacent to room 224	1/16/2019	5 parts per billion
30	Drinking Fountain 1 - Yard Adjacent (Courtyard) (same location as #20 above)*	3/6/2019	22 parts per billion
31	Faucet - Room 108 Sink (same location as #14 above)*	3/6/2019	1.4 parts per billion
32	Drinking Fountain 1 - Yard Adjacent (Courtyard) (same location as #20 and #30 above)*	4/11/2019	9.5 parts per billion



Thank you for your continued partnership as we work to ensure all students have access to safe and healthy water sources. For more information about water quality regulations, water quality at McClymonds, and OUSD water quality guidelines, please visit:

- Environmental Protection Agency Lead and Copper Rule: https://www.epa.gov/dwreginfo/lead-and-copper-rule
- California Assembly Bill 746: https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/leadsamplinginschools.html
- OUSD Board Policy 3511.3 Clean Drinking Water: https://boepublic.ousd.org/Policies.aspx
- McClymonds High School website: www.ousd.org/mcclymonds/waterquality

If you have questions about the attached information, please contact:

- Rebecca Littlejohn, Risk Management Officer, (510) 879-1611
- Vanessa Sifuentes, Executive Director, High School Network Office, (510) 879-3122

Respectfully,

Vanessa Sifuentes Executive Director High School Network



"When Quality Counts"

Analytical Report

WorkOrder: 1806555

Report Created for: Oakland Unified School District

955 High Street Oakland, CA 94601

Project Contact: Sorbor Twegbe

Project P.O.:

Project: McClymond's High School- Retest Room 307

Project Received: 06/12/2018

Analytical Report reviewed & approved for release on 06/13/2018 by:

Yen Cao

Project Manager

The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested. Results reported conform to the most current NELAP standards, where applicable, unless otherwise stated in the case narrative.



1534 Willow Pass Rd. Pittsburg, CA 94565 ♦ TEL: (877) 252-9262 ♦ FAX: (925) 252-9269 ♦ www.mccampbell.com

Glossary of Terms & Qualifier Definitions

Client: Oakland Unified School District

Project: McClymond's High School- Retest Room 307

WorkOrder: 1806555

Glossary Abbreviation

%D Serial Dilution Percent Difference

95% Interval 95% Confident Interval

DF Dilution Factor

DI WET (DISTLC) Waste Extraction Test using DI water

DISS Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)

DLT Dilution Test (Serial Dilution)

DUP Duplicate

EDL Estimated Detection Limit

ERS External reference sample. Second source calibration verification.

ITEF International Toxicity Equivalence Factor

LCS Laboratory Control Sample

MB Method Blank

MB % Rec % Recovery of Surrogate in Method Blank, if applicable

MDL Method Detection Limit

ML Minimum Level of Quantitation

MS Matrix Spike

MSD Matrix Spike Duplicate

N/A Not Applicable

ND Not detected at or above the indicated MDL or RL

NR Data Not Reported due to matrix interference or insufficient sample amount.

PDS Post Digestion Spike

PDSD Post Digestion Spike Duplicate

PF Prep Factor

RD Relative Difference

RL Reporting Limit (The RL is the lowest calibration standard in a multipoint calibration.)

RPD Relative Percent Deviation
RRT Relative Retention Time

SPK Val Spike Value

SPKRef Val Spike Reference Value

SPLP Synthetic Precipitation Leachate Procedure

ST Sorbent Tube

TCLP Toxicity Characteristic Leachate Procedure

TEQ Toxicity Equivalents

WET (STLC) Waste Extraction Test (Soluble Threshold Limit Concentration)

Analytical Report

Client: Oakland Unified School District

Date Received: 6/12/18 13:30 **Date Prepared:** 6/13/18

Project: McClymond's High School- Retest Room 307

WorkOrder: 1806555

Extraction Method: E200.8

Analytical Method: E200.8

Unit: $\mu g/L$

Lead

Client ID	Lab ID		Date (Collected	Batch ID		
061218-R1/ Faucet- First Draw, Classroom 307	1806555-001A	Water		06/12/2	018 07:18	ICP-MS2 014SMPL.D	159846
Analytes	Result		MDL	<u>RL</u>	<u>DF</u>		Date Analyzed
Lead	3.9		0.010	0.50	1		06/13/2018 14:18

Analyst(s): ND

Client ID	Lab ID	Matrix	Dat	e Collected	Batch ID	
061218-R2/ Faucet- Second Draw, C	Classroom 30 1806555-002A	Water	06/1	2/2018 07:19	ICP-MS2 015SMPL.D	159846
Analytes	<u>Result</u>	MD	L RL	<u>DF</u>		Date Analyzed
Lead	2.5	0.0	10 0.50	1		06/13/2018 14:23

Analyst(s): ND

Quality Control Report

Client: Oakland Unified School District WorkOrder: 1806555 **Date Prepared:** 6/13/18 **BatchID:** 159846 **Date Analyzed:** 6/13/18 **Extraction Method:** E200.8 ICP-MS2 **Instrument: Analytical Method:** E200.8 **Matrix: Drinking Water Unit:** μg/L

Project: McClymond's High School- Retest Room 307 **Sample ID:** MB/LCS-159846

1806328-001AMS/MSD

QC Summary Report for Metals											
Analyte	MB Result	LCS Result	MDL	IDL RL		MB SS %REC	LCS %REC	LCS Limits			
Lead	ND	50.4	0.010	0.50	50	-	101	85-115			

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Lead	50.4	49.0	50	0.8612	99	96	85-115	2.66	20

FAX:

CHAIN-OF-CUSTODY RECORD

Page	1	of	1

J-flag

06/12/2018

☐ ThirdParty

1534 Willow Pass Rd Pittsburg, CA 94565-1701 (925) 252-9262

Sorbor Twegbe

(415) 632-0350

Report to:

WorkOrder: 1806555 ClientCode: OUSD □WaterTrax ☐ WriteOn □ EDF Excel **EQuIS** □Email

> ☐ Detection Summary Dry-Weight

> > Bill to: Requested TAT: 1 day:

☐ HardCopy

Email: Sorbor Tweabe sorbor.twegbe@ousd.org

cc/3rd Party: Oakland Unified School District

Oakland Unified School District Date Received: PO: 955 High Street 955 High Street

Project: Date Logged: Oakland, CA 94601 McClymond's High School- Retest Room Oakland, CA 94601 06/12/2018

307 sorbor.twegbe@ousd.org

						Re	quested	Tests (See leg	end belo	ow)					
Lab ID	Client ID	Matrix	Collection Date	Hold	1	2	3	4	5	6	7	8	9	10	11	12
1806555-001	061218-R1/ Faucet- First Draw, Classroom	Water	6/12/2018 07:18		Α											
1806555-002	061218-R2/ Faucet- Second Draw,	Water	6/12/2018 07:19		Α											

Test Legend:

1	PBMS_DW	2	3	4
5		6	7	8
9		10	11	12

Prepared by: Lilly Ortiz

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days). Hazardous samples will be returned to client or disposed of at client expense.



"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701 Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269 http://www.mccampbell.com / E-mail: main@mccampbell.com

WORK ORDER SUMMARY

Client Name:	OAKLAND UNIFIED SCHOOL DISTRICT	Project:	McClymond's High School- Retest Room 307	Work Order: 1806555
--------------	---------------------------------	----------	--	----------------------------

Client Contact: Sorbor Twegbe

QC Level: LEVEL 2

Contact's Email: sorbor.twegbe@ousd.org Comments: Date Logged: 6/12/2018

	□Wa	terTrax	WriteOn	EDF	Excel	Fax Email	HardC	opyThirdPart	y	J-flag	
Lab ID	Client ID	Matrix	Test Name		Containers /Composites	Bottle & Preservative	De- chlorinated	Collection Date & Time	TAT	Sediment Content	Hold SubOut
1806555-001A	061218-R1/ Faucet- First Draw, Classroom 307	Water	E200.8 (Lead)		1	250mL HDPE, unprsv.		6/12/2018 7:18	1 day	None	
1806555-002A	061218-R2/ Faucet- Second Draw, Classroom 307 Midd	Water	E200.8 (Lead)		1	250mL HDPE, unprsv.		6/12/2018 7:19	1 day	None	

NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

MAI Work Order # ___/806555

McCAMPBELL ANALYTICAL, IN											C	HAI	N O	F CU	ISTC	DY	REC	COR	D				
		Rd. Pittsburg				Turn	Aroun	d Time	:1 Day	Rush	•	2 Day	Rush		3 Day	Rush		STD		_	te#		
· · · · /		52-9262 / Fa:					J-Flag / MDL ES		ESL		1 3	Cleanu	up Approved				Bottle O		le Orc	er#			
www.mccampbo				ccampbell.	com	Deliv	ery Fo	rmat:	PDF		Geo	Tracke	r EDF		EDD		Wr	ite On	(DW)		E	QuIS	
Report To: Sorbor Twegbe		Bill To:	Sorbor	Twegbe			hat						Aı	alys	is Re	quest	ed						
Company: Oakland Unified School Distri	ct			1		rbe		اء	lout	ઝ	_					_				tals			
Email: sorbor.twegbe@ousd.org				1		M.	2		With	Gel	418.1	<u> </u>	only o			NAS				d me			
Alt Email:		Tele:	415-63	2-0350		8015	io io	i Oi	071)	ons -	ons (ticid	clor	Cs))Cs)	Is / F	×(07			solve	ag		
Project Name: McClymond's High School- Ret	test Room 307	Project #:				8021/	Mote	Mot	64/6	carb /ith S	carb	I Pes	; Arc	(vo	(SV	(PAI	7 60		ts	r dis	[E	- 1	
Project Location: 2607 Myrtle Street, Oakla		ALCOHOLD OUR				Gas (15)+	15)+	e (16	lydro N (17	lydro	81 (2	CB's	8260	8270	8310	200.8	120)	emen	ple fo	8.		
Sampler Signature: Sombor Twell				se	BTEX & TPH as Gas (8021/8015) MTBE	TPH as Diesel (8015) + Motor Oil Without Silica Gel	TPH as Diesel (8015) + Motor Oil With Silca Gel	Total Oil & Grease (1664 / 9071) Without Silica Gel	Total Petroleum Hydrocarbons - Oil Grease (1664/9071) With Silica Gel	Total Petroleum Hydrocarbons (418.1) With Silica Gel	EPA 505/ 608 / 8081 (CI Pesticides)	EPA 608 / 8082 PCB's ; Aroclors only	EPA 524.2 / 624 / 8260 (VOCs)	EPA \$25.2 / 625 / 8270 (SVOCs)	8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.8 / 6020)*	Metals (200.8 / 6020)	Baylands Requirements	Lab to filter sample for dissolved metals analysis	200.8(Lead)			
SAMPLE ID Location / Field Point Sampling Date Time Matrix Preserva					E	Diese	Diese	3 7	trole (1664	etrole lica C	2/ 60	8 / 80	4.2 /	5.2 /	270 S	7 Me	(200.	ds Re	filter	551000			
Location / Field Point			ontai	Matrix	Preservative	EX 8	H as	H as	tal O	tal P	tal P	A 50	09 V	A 52	A 52	EPA 8	AM 1	etals	aylan	ab to	EPA		
Location / Fleid Foint	Date	Time)#			HB.	T.N	T. IS	To	5 G	T _o	EF	E	Э	3	EI	Ü	Σ	B	7 5	<u>—</u>	\dashv	\dashv
061218-R1 / Faucet - First Draw, Classroom 307 Middle Sink	06-12-18	07:18am	1	DW	7															-		\dashv	
061218-R2 / Faucet - Second Draw, Classroom 307 Middle Sink	06-12-18	07:19am	1	DW	7										1					<u> </u>		\rightarrow	-
					-																	\perp	
							1/2																
						1	1			+													
			_		-	\vdash		+	-	+-	+	\vdash	+	-									
						_		_	-	+-			-	-	-			-				\dashv	\dashv
	17									_								-		-		\rightarrow	+
																		_		ļ			
						1																	
							18.																
MAI clients MUST disclose any dangerous chemica		tin their	aubmit	tad camples in c	oncentrations t	nat may	cause	immedi	ate han	m or sei	rious fu	ture hea	alth end	angerm	ent as a	result	of brief	, glove	i, open	air, san	ple han	dling by	MAI staff.
MAI clients MUST disclose any dangerous chemical Non-disclosure incurs an immediate \$250 surcharge	and the client	is subject to ful	l legal l	iability for harm	suffered. Than	k you f	or your	unders	anding	and for	allowi	ng us to	work s	afely.									
* If metals are requested for water samples and	the water type	pe (Matrix) is	not spe	cified on the c	hain of custoo	iy, MA	AI will	default	to me	tals by	E200.	8.							24	Comme	nts / Ins	struction	ns /- /
Please provide an adequate volume of sample.	If the volume	is not sufficie	ent for	a MS/MSD a	LCS/LCSD w	ill be p	repare	d in its	place	and no	ted in	the rep	ort.			77		P.	ha	de	istea	in	lab
Relinquished By / Compar	ny Name				ime		Rec	eived I	By / Co	ompany	y Name	2		_	Date		ime	-					
A Me	1 10			12.18 07			1	M	γ,	7	1				1218	-,,	-	┨					
1/18	UP	9	6.1	2.18 17	38	7	al	1/2		Loty	_			0/	DAY	//	30	┨					
		1 117	////	Wasta Wat	- CW-Car	woter	C-C	oil S	I = C1	udae	$\Delta = \Lambda$	ir W	P=W	ine ()=()tl	l		1					
Matrix Code: DW=Drinking Water, © Preservative Code: 1=4°C 2=HCl	W=Grout)	1d Water, V	v w=\ 5-×	waste wate	r, 5 w = 5ea mOAc/NaC	water H	, s-s 7=No	ne ne	וט–טו	auge,	A-A	, **	. "	.pc, (, 011		Temp	, 4	1.1	°C	Ini	tials	to
Preservative Code: 1=4°C 2=HC1	$3-n_250_4$	4-rinO ₃	5-1	aOII U-Z	iio rio rivac	.11	, 110												10	101		•	

Page 1 of 1

Oakland Unified School District

Client Name:

1534 Willow Pass Road, Pittsburg, CA 94565-1701 Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269 http://www.mccampbell.com / E-mail: main@mccampbell.com

Date and Time Received: 6/12/2018 13:30

Sample Receipt Checklist

Project:	McClymond's H	igh School- Retest Room 307			Date Logged: Received by:	6/12/2018 Lilly Ortiz	
WorkOrder №:	1806555	Matrix: Water			Logged by:	Lilly Ortiz	
Carrier:	Lorenzo Perez (MAI Courier)					
		Chain of (Custody	(COC)	nformation		
Chain of custody	present?		Yes	•	No 🗆		
Chain of custody	signed when relin	nquished and received?	Yes	•	No 🗆		
Chain of custody	agrees with sam	ole labels?	Yes	•	No 🗌		
Sample IDs note	ed by Client on CC	C?	Yes	•	No 🗆		
Date and Time of	of collection noted	by Client on COC?	Yes	•	No 🗆		
Sampler's name	noted on COC?		Yes	•	No 🗆		
COC agrees with	n Quote?		Yes		No 🗆	NA 🗸	
		<u>Samp</u>	ole Rece	eipt Info	<u>mation</u>		
Custody seals in	itact on shipping c	ontainer/cooler?	Yes		No 🗌	NA 🗸	
Shipping contain	ner/cooler in good	condition?	Yes	✓	No 🗌		
Samples in prop	er containers/bottl	es?	Yes	✓	No 🗆		
Sample containe	ers intact?		Yes	✓	No 🗆		
Sufficient sample	e volume for indica	ated test?	Yes	•	No 🗌		
		Sample Preservat	ion and	Hold Ti	ne (HT) Information		
All samples rece	eived within holding	g time?	Yes	✓	No 🗆	NA 🗌	
Samples Receiv	ed on Ice?		Yes	✓	No 🗌		
		(Ice Typ	oe: WE	T ICE)		
Sample/Temp B	lank temperature			Temp	4.1°C	NA 🗌	
Water - VOA via	ls have zero head	space / no bubbles?	Yes		No 🗌	NA 🗹	
Sample labels cl	hecked for correct	preservation?	Yes	✓	No 🗌		
pH acceptable u	pon receipt (Metal	: <2; 522: <4; 218.7: >8)?	Yes		No 🗹	NA \square	
UCMR Samples	<u>-</u>				_		
	acceptable upon (<3; 544: <6.5 & 7.5	receipt (200.8: ≤2; 525.3: ≤4; 5)?	Yes		No 🗌	NA 🗹	
Free Chlorine	tested and accept	able upon receipt (<0.1mg/L)?	Yes		No 🗌	NA 🗹	
			. — — .				
Comments: pl	— — — — — — H adjusted in Lab.		· — — ·		. — — — — — — —		. — — —



"When Quality Counts"

Analytical Report

WorkOrder: 1807528

Report Created for: Oakland Unified School District

955 High Street Oakland, CA 94601

Project Contact: Sorbor Twegbe

Project P.O.:

Project: McClymond's High School-Retest 2- Room 303

Project Received: 07/12/2018

Analytical Report reviewed & approved for release on 07/13/2018 by:

Heidi Fruhlinger

Heid Tollyn

Project Manager

The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested. Results reported conform to the most current NELAP standards, where applicable, unless otherwise stated in the case narrative.



1534 Willow Pass Rd. Pittsburg, CA 94565 ♦ TEL: (877) 252-9262 ♦ FAX: (925) 252-9269 ♦ www.mccampbell.com

CA ELAP 1644 ♦ NELAP 4033 ORELAP

Glossary of Terms & Qualifier Definitions

Client: Oakland Unified School District

Project: McClymond's High School-Retest 2- Room 303

WorkOrder: 1807528

Glossary Abbreviation

%D Serial Dilution Percent Difference

95% Interval 95% Confident Interval

DF Dilution Factor

DI WET (DISTLC) Waste Extraction Test using DI water

DISS Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)

DLT Dilution Test (Serial Dilution)

DUP Duplicate

EDL Estimated Detection Limit

ERS External reference sample. Second source calibration verification.

ITEF International Toxicity Equivalence Factor

LCS Laboratory Control Sample

MB Method Blank

MB % Rec % Recovery of Surrogate in Method Blank, if applicable

MDL Method Detection Limit

ML Minimum Level of Quantitation

MS Matrix Spike

MSD Matrix Spike Duplicate

N/A Not Applicable

ND Not detected at or above the indicated MDL or RL

NR Data Not Reported due to matrix interference or insufficient sample amount.

PDS Post Digestion Spike

PDSD Post Digestion Spike Duplicate

PF Prep Factor

RD Relative Difference

RL Reporting Limit (The RL is the lowest calibration standard in a multipoint calibration.)

RPD Relative Percent Deviation
RRT Relative Retention Time

SPK Val Spike Value

SPKRef Val Spike Reference Value

SPLP Synthetic Precipitation Leachate Procedure

ST Sorbent Tube

TCLP Toxicity Characteristic Leachate Procedure

TEQ Toxicity Equivalents

WET (STLC) Waste Extraction Test (Soluble Threshold Limit Concentration)

Analytical Report

Client: Oakland Unified School District

Date Received: 7/12/18 14:40 **Date Prepared:** 7/13/18

Project: McClymond's High School-Retest 2- Room 303

WorkOrder: 1807528

Extraction Method: E200.8

Analytical Method: E200.8

Unit: $\mu g/L$

Lead

ient ID Lab ID		Matrix		Date C	Collected	Instrument	Batch ID
071118-R1/ Faucet- Classroom 303, Teachers S	1807528-001A	Water		07/11/2	018 07:58	ICP-MS2 014SMPL.D	161486
<u>Analytes</u>	Result		<u>MDL</u>	<u>RL</u>	<u>DF</u>		Date Analyzed
Lead	1.9		0.010	0.50	1		07/13/2018 17:21

Analyst(s): MIG

μg/L

Quality Control Report

Client: Oakland Unified School District WorkOrder: 1807528 **Date Prepared:** 7/13/18 **BatchID:** 161486 **Date Analyzed:** 7/13/18 **Extraction Method:** E200.8 ICP-MS2 **Instrument: Analytical Method:** E200.8 **Matrix: Drinking Water Unit:**

McClymond's High School-Retest 2- Room 303 **Project:** Sample ID: MB/LCS/LCSD-161486

1807528-001AMS/MSD

	QC Summary Report for Metals												
Analyte	MB Result	MDL	RL										
Lead	ND	0.010	0.50	-	-	-							

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Lead	52.2	51.0	50	104	102	80-120	2.35	20

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Lead	52.2	53.3	50	1.877	101	103	80-120	2.05	20

CHAIN-OF-CUSTODY RECORD

Page 1 of	f
-----------	---

J-flag

07/12/2018

☐ ThirdParty

Date Logged:

1534 Willow Pass Rd Pittsburg, CA 94565-1701 (925) 252-9262

Oakland, CA 94601

WorkOrder: 1807528 ClientCode: OUSD □WaterTrax ☐ WriteOn □ EDF Excel □Email **EQuIS** ☐ HardCopy

> ☐ Detection Summary Dry-Weight

> > Oakland, CA 94601

Report to: Bill to: Requested TAT: 1 day;

Email: Sorbor Tweabe Sorbor Twegbe sorbor.twegbe@ousd.org

cc/3rd Party: Oakland Unified School District Oakland Unified School District

McClymond's High School-Retest 2- Room

Date Received: 07/12/2018 PO: 955 High Street 955 High Street Project:

303 (415) 632-0350 FAX: sorbor.twegbe@ousd.org

					Requested Tests (See legend below)												
Lab ID	Client ID	Matrix	Collection Date	Hold	1	2	3	4	5	6	7	8	9	10	11	12	
1807528-001	071118-R1/ Faucet- Classroom 303,	Water	7/11/2018 07:58		Α												

Test Legend:

1 PBMS_DW	2	3	4
5	6	7	8
9	10	11	12

Prepared by: Lilly Ortiz

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days). Hazardous samples will be returned to client or disposed of at client expense.



"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701 Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269 http://www.mccampbell.com / E-mail: main@mccampbell.com

WORK ORDER SUMMARY

Client Name:	OAKLAND UNIFIED SCHO	OL DISTRICT		Project:	McClymond's H	igh School-Retes	st 2- Room 303		Work Order:	1807528
Client Contact:	Sorbor Twegbe								QC Level:	LEVEL 2
Contact's Email:	sorbor.twegbe@ousd.org			Comments:					Date Logged:	7/12/2018
	WaterTrax	WriteOn	EDF	Excel	Fax	Email	HardCopy	ThirdParty	y J-flag	

	L	water i rax	WriteOn	EDF	Excel	FaxEmail	HardC	opy I nirdPart	y 🗸	J-flag	
Lab ID	Client ID	Matrix	Test Name		Containers /Composites	Bottle & Preservative	De- chlorinated	Collection Date & Time	TAT	Sediment Content	Hold SubOut
1807528-001A	071118-R1/ Faucet- Classroom 303, Teacher	Water rs S	E200.8 (Lead)		1	250mL HDPE, unprsv.		7/11/2018 7:58	1 day	None	

NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

1807028

General COC	181											MA	I Woı	rk Or	der#		1	80	75	728	3		i .
6 McCAMP	The second second	Early .	Y	TICAL	, INC.						C	CHAI	N O	F CU	JSTO	DDY	REC	COR	D				
		Rd. Pittsburg			,	Turn	Turn Around Time: 1 Day Rush 2 D			2 Day Rush 3 Day Rush				STD Quote #									
Telepho	one: (877) 2:	52-9262 / Fa	x: (92	5) 252-9269			J-Flag	/ MDL	•	ESL			Clean	ıp App	roved				Bot	tle Or	der#		
www.mccampb	ell.com	ma	in@m	ccampbell.	com	Deliv	very Fo	rmat:	PDF		Geo	Tracke	r EDF		EDD		Wr	ite On	(DW)		I	EQuIS	
Report To: Sorbor Twegbe		Bill To:	Sorbor	Twegbe			AND THE						Aı	nalys	is Re	quest	ted						
Company: Oakland Unified School Distr	ict					MTBE		-el	nont	æ	_									als			
Email: sorbor.twegbe@ousd.org						S) M	_		With	Oii &	418.1	8	only			NAs)				I met			
Alt Email:		Tele:	415-63	2-0350		801;	io r	or Oi	071)	ons -	ons (ticid	clors	(S))Cs)	Is / P	*(0;			olve	ad		
Project Name: McClymond's High School- Rete	st 2 - Room 303	Project #:				(8021/8015)	Mot	Mot	64/8	carb/ith S	ocarb	1 Pes	; Arc	(VO	(SV	(PAI	/ 602		ts.	r diss	8(Lead)		
Project Location: 2607 Myrtle Street, Oakl	and CA 9460	7 PO#				Gas (15)+	15)+	se (16	fydr 71) M	lydro	81 (C	CB's	8260	8270	8310	200.8	(20)	men	ole fo	8.		
Sampler Signature:	Ze				_	H as	el (80]	el (80	Greas	1 / 60.	l m J	8 / 80	82 P	624 /	625 /	IM/	tals (9 / 80	quire	samı	200.		
SAMPLE ID	Sam	pling	iners			& TP	TPH as Diesel (8015) + Motor Oil Without Silica Gel	TPH as Diesel (8015) + Motor Oil With Silca Gel	Total Oil & Grease (1664 / 9071) Without Silica Gel	Total Petroleum Hydrocarbons - Oil & Grease (1664 / 9071) With Silica Gel	etrolo lica (EPA 505/ 608 / 8081 (Cl Pesticides)	EPA 608 / 8082 PCB's; Aroclors only	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.8 / 6020)*	Metals (200.8 / 6020)	Baylands Requirements	Lab to filter sample for dissolved metals analysis	4		
Location / Field Point	Date	Time	#Containers	Matrix	Preservative	BTEX	H as	PH as	otal O	otal P	ith S	PA 5(PA 6(PA 52	PA 52	EPA 8	AM 1	etals	aylan	ab to	EPA		
			#		<u> </u>	<u>m</u>	F≥	1 = 12	S. T	F G	Ĕ À	回	된	9	回	3	O .	Σ	B	17 8	-		-
071118-R1 / Faucet - Classroom 303, Teachers Sink	07-11-18	07:58am	1	DW	7	_	-	-			_	_			-					-	•		
											_	_			_			_	_	_			
																							•
						十		1															
			-			\vdash	00 El	+	1		-	-			+-								
						╀	180	-	-		-	+			-		-	-	-	+	-	\vdash	_
						1_		1			_		_	_	<u> </u>	_	-	-	-	┼	_		
																			L				
MAI clients MUST disclose any dangerous chemica	als known to be	present in their	submitt	ed samples in c	oncentrations th	at may	cause i	immedia	ite harm	or seri	ious fut	ture hea	lth enda	ngerm	ent as a	result	of brief	, gloved	l, open	air, san	iple har	dling by	MAI staff.
Non-disclosure incurs an immediate \$250 surcharge	and the client	is subject to ful	l legal li	ability for harm	suffered. Thank	you f	or your	underst	anding a	and for	allowii	ng us to	work s	afely.									
* If metals are requested for water samples and																		-		Comme			
Please provide an adequate volume of sample. If the volume is not sufficient for a MS/MSD a LCS/LCS Relinquished By / Company Name Date Time						l be p	repared	in its	place a	nd not	Name	the repo	ort.	Г	Date	Т	ime	/	Ph	ad	ius.	teel	inlab
Relinquished By / Compar	ny Name		_	0ate 1			Rece	1/2	19 / Coi	прапу	rvaine			_	218	-		1					
There	LAP)	400		40	1.	11	UII	-	1			. ,		2/18		MA	1					
	VIII		110	18 11	-10	1	dy		Jan	4				710	CI Y	1	70	1					
Matrix Code: DW=Drinking Water,	GW=Groun	d Water. W	/W=V	Vaste Wate	r, SW=Seav	vater	, S=S	oil, S	L=Slu	ıdge,	A=A	ir, Wl	P=Wi	pe, C)=Oth	er		1					
Preservative Code: 1=4°C 2=HCl												17 8 1 +0+7630				,	Temp	3.	20	°C	Ini	tials	Lo

Page 1 of 1

Client Name: Oakland Unified School District

1534 Willow Pass Road, Pittsburg, CA 94565-1701 Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269 http://www.mccampbell.com / E-mail: main@mccampbell.com

Date and Time Received 7/12/2018 14:40

Sample Receipt Checklist

Project:	McClymond's High School-Retest 2- Room 303		Date Logged:	7/12/2018	
WorkOrder №:	1807528 Matrix: <u>Water</u>			Received by: Logged by:	Lilly Ortiz Lilly Ortiz
Carrier:	Lorenzo Perez (MAI Courier)			Loggod Dy.	Liny State
	Chain of C	Custody	(COC) Infor	<u>mation</u>	
Chain of custody	present?	Yes	✓	No 🗆	
Chain of custody	signed when relinquished and received?	Yes	•	No 🗆	
Chain of custody	agrees with sample labels?	Yes	•	No 🗆	
Sample IDs noted	d by Client on COC?	Yes	✓	No 🗆	
Date and Time of	collection noted by Client on COC?	Yes	•	No 🗆	
Sampler's name	noted on COC?	Yes	•	No 🗆	
COC agrees with	Quote?	Yes		No 🗆	NA 🗸
	<u>Samp</u>	le Rece	eipt Informati	<u>ion</u>	
Custody seals int	act on shipping container/cooler?	Yes		No 🗆	NA 🗹
Shipping containe	er/cooler in good condition?	Yes	✓	No 🗆	
Samples in prope	er containers/bottles?	Yes	✓	No 🗆	
Sample container	rs intact?	Yes	✓	No 🗆	
Sufficient sample	volume for indicated test?	Yes	•	No 🗌	
	Sample Preservati	ion and	Hold Time (HT) Information	
All samples recei	ved within holding time?	Yes	✓	No 🗆	NA 🗆
Samples Receive	ed on Ice?	Yes	✓	No 🗆	
	(Ісе Тур	e: WE	TICE)		
Sample/Temp Bla	ank temperature		Temp: 3.2	2°C	NA 🗌
Water - VOA vials	s have zero headspace / no bubbles?	Yes		No 🗆	NA 🗸
Sample labels ch	ecked for correct preservation?	Yes	✓	No 🗌	
pH acceptable up	oon receipt (Metal: <2; 522: <4; 218.7: >8)?	Yes		No 🗸	NA 🗌
	acceptable upon receipt (200.8: ≤2; 525.3: ≤4; 3; 544: <6.5 & 7.5)?	Yes		No 🗆	NA 🗹
,	ested and acceptable upon receipt (<0.1mg/L)?	Yes		No 🗌	NA 🗸
Tiee Onionne (ested and acceptable apointedelpt (<0.1111g/L)?	1 63		110	IVA 🗷
Comments: pH					



"When Quality Counts"

Analytical Report

WorkOrder: 1901665

Report Created for: Oakland Unified School District

955 High Street Oakland, CA 94601

Project Contact: Sorbor Twegbe **Project P.O.:** PO19-00032

Project: McClymond's Drinking Water-Building C

Project Received: 01/15/2019

Analytical Report reviewed & approved for release on 01/18/2019 by:

Yen Cao

Project Manager

The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested. Results reported conform to the most current NELAP standards, where applicable, unless otherwise stated in the case narrative.



1534 Willow Pass Rd. Pittsburg, CA 94565 ♦ TEL: (877) 252-9262 ♦ FAX: (925) 252-9269 ♦ www.mccampbell.com

CA ELAP 1644 ♦ NELAP 4033 ORELAP

Glossary of Terms & Qualifier Definitions

Client: Oakland Unified School District

Project: McClymond's Drinking Water-Building C

WorkOrder: 1901665

Glossary Abbreviation

%D Serial Dilution Percent Difference

95% Interval 95% Confident Interval

DF Dilution Factor

DI WET (DISTLC) Waste Extraction Test using DI water

DISS Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)

DLT Dilution Test (Serial Dilution)

DUP Duplicate

EDL Estimated Detection Limit

ERS External reference sample. Second source calibration verification.

ITEF International Toxicity Equivalence Factor

LCS Laboratory Control Sample

MB Method Blank

MB % Rec % Recovery of Surrogate in Method Blank, if applicable

MDL Method Detection Limit

ML Minimum Level of Quantitation

MS Matrix Spike

MSD Matrix Spike Duplicate

N/A Not Applicable

ND Not detected at or above the indicated MDL or RL

NR Data Not Reported due to matrix interference or insufficient sample amount.

PDS Post Digestion Spike

PDSD Post Digestion Spike Duplicate

PF Prep Factor

RD Relative Difference

RL Reporting Limit (The RL is the lowest calibration standard in a multipoint calibration.)

RPD Relative Percent Deviation
RRT Relative Retention Time

SPK Val Spike Value

SPKRef Val Spike Reference Value

SPLP Synthetic Precipitation Leachate Procedure

ST Sorbent Tube

TCLP Toxicity Characteristic Leachate Procedure

TEQ Toxicity Equivalents

TZA TimeZone Net Adjustment for sample collected outside of MAI's UTC.

WET (STLC) Waste Extraction Test (Soluble Threshold Limit Concentration)

Glossary of Terms & Qualifier Definitions

Client: Oakland Unified School District

Project: McClymond's Drinking Water-Building C

WorkOrder: 1901665

Analytical Qualifiers

J Result is less than the RL/ML but greater than the MDL. The reported concentration is an estimated value.



Analytical Report

Client: Oakland Unified School District

Date Received: 1/15/19 16:15

Date Prepared: 1/17/19

Project: McClymond's Drinking Water-Building C WorkOrder: 1901665

Extraction Method: E200.8

Analytical Method: E200.8

Unit: μ g/L

т	
и	tau

Client ID	Lab ID	Matrix		Date Col	llected	Instrument	Batch ID
011519-16/Faucet-AIA Kitchen	1901665-001A	1901665-001A Water		01/15/201	9 07:11	ICP-MS3 079SMPL.D	171625
<u>Analytes</u>	Result	Qualifiers	MDL	<u>RL</u>	<u>DF</u>		Date Analyzed
Lead	0.21	J	0.010	0.50	1		01/17/2019 15:43

Analyst(s): MIG

Client ID	Lab ID	Matrix	Date (Collected	Instrument	Batch ID
011519-17/Drinking Fountain 2-AIA	Family Cente 1901665-002A	Water	01/15/2	2019 07:11	ICP-MS3 083SMPL.D	171625
<u>Analytes</u>	Result	<u>Μ</u> Γ	L RL	<u>DF</u>		Date Analyzed
Lead	1.7	0.0	10 0.50	1		01/17/2019 16:08

Analyst(s): MIG

Client ID		Lab ID	Matrix		Date Coll	ected	Instrument	Batch ID
	011519-18/Drinking Fountain 1- Clinic	1901665-003A	Water		01/15/2019	07:13	ICP-MS3 084SMPL.D	171625
	<u>Analytes</u>	Result	Qualifiers	MDL	<u>RL</u>	<u>DF</u>		Date Analyzed
	Lead	0.12	J	0.010	0.50	1		01/17/2019 16:14

Analyst(s): MIG

Drinking Water

Matrix:

1534 Willow Pass Road, Pittsburg, CA 94565-1701 Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269 http://www.mccampbell.com / E-mail: main@mccampbell.com

μg/L

Quality Control Report

Unit:

Client:Oakland Unified School DistrictWorkOrder:1901665Date Prepared:1/17/19BatchID:171625Date Analyzed:1/17/19Extraction Method:E200.8Instrument:ICP-MS2Analytical Method:E200.8

Project: McClymond's Drinking Water-Building C **Sample ID:** MB/LCS/LCSD-171625

	QC Summary Report for Metals												
Analyte	MB Result	MDL	RL										
Lead	ND	0.010	0.50	-	-	-							

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Lead	47	47	50	93	93	80-120	0	20

CHAIN-OF-CUSTODY RECORD

1 of 1

1534 Willow Pass Rd Pittsburg, CA 94565-1701 (925) 252-9262

WorkOrder: 1901665 □WaterTrax ☐ WriteOn □ EDF Excel

McClymond's Drinking Water-Building C

sorbor.twegbe@ousd.org

PO19-00032

□Email **EQuIS**

☐ HardCopy

☐ ThirdParty J-flag

☐ Detection Summary

Bill to:

Dry-Weight

ClientCode: OUSD

Requested TAT: 2 days:

Report to: Sorbor Twegbe

955 High Street

Oakland Unified School District

Email: cc/3rd Party: PO:

Project:

Sorbor Tweabe

Oakland Unified School District

955 High Street

Date Received: 01/15/2019 Date Logged:

Oakland, CA 94601 sorbor.twegbe@ousd.org 01/15/2019

Oakland, CA 94601 (415) 632-0350 FAX:

			Requested Tests (See legend below)													
Lab ID	Client ID	Matrix	Collection Date	Hold	1	2	3	4	5	6	7	8	9	10	11	12
				•												
1901665-001	011519-16/Faucet-AIA Kitchen	Water	1/15/2019 07:11		Α											
1901665-002	011519-17/Drinking Fountain 2-AIA Family	Water	1/15/2019 07:11		Α											
1901665-003	011519-18/Drinking Fountain 1- Clinic	Water	1/15/2019 07:13		A											

Test Legend:

1 PBMS_DW	2	3	4
5	6	7	8
9	10	11	12

Prepared by: Kena Ponce

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days). Hazardous samples will be returned to client or disposed of at client expense.



"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701 Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269 http://www.mccampbell.com / E-mail: main@mccampbell.com

WORK ORDER SUMMARY

Client Name:	OAKLAND UNIFIED SCHOOL DISTRICT	Project:	McClymond's Drinking Water-Building C	Work Order: 1901665
--------------	---------------------------------	----------	---------------------------------------	----------------------------

Client Contact: Sorbor Twegbe

QC Level: LEVEL 2

Contact's Email: sorbor.twegbe@ousd.org Comments: Date Logged: 1/15/2019

		WaterTrax	WriteOn	EDF	Excel	EQuIS Email	HardC	opyThirdPar	ty 🗸	J-flag	
Lab ID	Client ID	Matrix	Test Name		Containers /Composites	Bottle & Preservative	De- chlorinated	Collection Date & Time	TAT	Sediment Content	Hold SubOut
1901665-001A	011519-16/Faucet-AL Kitchen	A Water	E200.8 (Lead)		1	250mL HDPE, unprsv.		1/15/2019 7:11	2 days	None	
1901665-002A	011519-17/Drinking Fountain 2-AIA Famil Center	Water y	E200.8 (Lead)		1	250mL HDPE, unprsv.		1/15/2019 7:11	2 days	None	
1901665-003A	011519-18/Drinking Fountain 1- Clinic	Water	E200.8 (Lead)		1	250mL HDPE, unprsv.		1/15/2019 7:13	2 days	None	

NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

General COC												MA	I Wor	k Oro	der#		19	0	16	u				
6 AV M.CAMD	DELL	ANTAT	VI	TICAI	INC	5 8											_							
" McCAMP					, INC.	_	Around Time: 1 Day Rush 2 Day Rush 3 Day Rush STD						Ou	ote#			_							
		Rd. Pittsburg				_			e:1 Day	_		-			_	Rusn		_	Pott	_	_			
		52 - 9262 / Fa					J-Flag		DDE	ESL			Cleanu		EDD		11/-	Bottle Order # /rite On (DW) EQuIS						
www.mccampb	ell.com			ccampbell.	com	Deliv	ery Fo	rmat:	PDF		Geo	Fracke			_		_	ne On	,DW)		LQ	uis		_
Report To: Sorbor Twegbe Bill To: Sorbor Twegbe						MTBE	_	1	Tel				An	alysi	s Rec	quest	eu				$\neg \tau$	\neg	\neg	\dashv
Company: Oakland Unified School District								痘	thou	ચ	9		ķ			(S)				etals				
Email: sorbor.twegbe@ousd.org								≅ ≱	<u> </u>	e G	(418	des)	rs on		~	PNA	98,00			ed m	ਜ਼ੀ			
Alt Email: Tele: 415-632-0350								for	9071	bons	pons	stici	roclo)Cs)	'ocs	Hs/)20)*			ssolv	g			
Project Name: McClymond's Drinking Water - Building C Project #:								μ W	/ 199	vith	ocar.	CI Pe	8; A1	0 (V	(SV	(PA	9 / 8		ıts	or di	<u>-</u>			
Project Location: 2607 Myrtle Street, Oakland CA 94607 PO #								.(31	se (1	Hydr 71) Y	Hydı) 180	CB	826	827	831((200.	020)	eme.	ple f	200.8(Lead)			
Sampler Signature:						H as	el (801	el (8(Grea	06/t	eum Gel	8/8)82 F	624	625	/WI	tals	9/8	equir	. sam				
SAMPLE ID	Sam	pling	#Containers	Matrix	Preservative	BTEX & TPH as Gas (8021/8015)	FPH as Diesel (8015) + Motor Oil Without Silica Gel	IPH as Diesel (8015) + Motor Oil With Silca Gel	Total Oil & Grease (1664 / 9071) Withou Silica Gel	Total Petroleum Hydrocarbons - Oil & Grease (1664 / 9071) With Silica Gel	Total Petroleum Hydrocarbons (418.1) With Silica Gel	EPA 505/ 608 / 8081 (CI Pesticides)	EPA 608 / 8082 PCB's ; Aroclors only	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.8 / 6020)*	Metals (200.8 / 6020)	Baylands Requirements	Lab to filter sample for dissolved metals analysis	PA 2			
Location / Field Point	Date	Time	#Col			BTE	TPH	TPH	Tota Silica	Tota Gres	Tota With	EPA	EPA	EPA	EPA	EPA	CA	Met	Bay	Lab	EP,		_	
011519-16 / Faucet - AIA Kitchen	01-15-19	07:11am	1	DW	7																•	\perp	_	
011519-17 / Drinking Fountain 2 - AIA Family Center	01-15-19	07:11am	1	DW	7				-													_	_	
011519-18 / Drinking Fountain 1 - Clinic	01-15-19	07:13am	1	DW	7	1			- 4												•	4	\dashv	
																					\vdash	\dashv	\dashv	
																					\vdash	_	\dashv	
						1													ı					
						-																	\Box	
						Î												_	_	_	\vdash	_	_	
																			_			_	_	
																								. 3
MAI clients MUST disclose any dangerous chemical Non-disclosure incurs an immediate \$250 surcharge	Is known to be and the client i	present in their	submitt legal li	ed samples in cability for harm	oncentrations th suffered. Thank	at may	cause i	mmedi underst	ate harr	n or ser and for	ious fut allowir	ure hea	lth enda work sa	ngerme ifely.	ent as a	result o	of brief	, gloved	, open	air, san	ple hand	ling by	MAI st	taff.
* If metals are requested for water samples and													100	W.					C	Comme	nts / Inst	ruction	IS	
Please provide an adequate volume of sample.	If the volume	is not sufficie	nt for a	a MS/MSD a I	LCS/LCSD wil	ll be p	repared	l in its	place a	and no	ted in t	he rep	ort.											
Relinquished By / Compan					ime					mpany					ate	T	ime							
1-15-19 11:24am					Yan		1	1	The last			XP		1/1	4/19	13	350							
UAP 1/15/19 1615							V	Λ		/				ilis	119	14	15							
16							/						D_117'	1	-04			-						
Matrix Code: DW=Drinking Water, C									L=Sh	udge,	A=A	ır, W	P=W1	pe, O	=Oth	er	Та	7	0	°C	Initi	als	_	
Preservative Code: 1=4°C 2=HCl	$3=H_2SO_4$	$4=HNO_3$	5=N	aOH 6=Z	nUAc/NaO	H 7	/=Noi	ne									Temp	7.	P	_ `	mitt	_		

Oakland Unified School District

Client Name:

1534 Willow Pass Road, Pittsburg, CA 94565-1701 Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269 http://www.mccampbell.com / E-mail: main@mccampbell.com

Date and Time Received 1/15/2019 16:15

Sample Receipt Checklist

Project:	McClymond's Drinking Water-Building C			Date Logged:	1/15/2019			
				Received by:	Kena Ponce			
WorkOrder №: Carrier:	1901665 Matrix: Water Lorenzo Perez (MAI Courier)			Logged by:	Kena Ponce			
Chain of Custody (COC) Information								
Chain of custody	present?	Yes	•	No 🗆				
Chain of custody	signed when relinquished and received?	Yes	✓	No 🗆				
Chain of custody	agrees with sample labels?	Yes	✓	No 🗌				
Sample IDs noted	by Client on COC?	Yes	•	No 🗆				
Date and Time of	collection noted by Client on COC?	Yes	•	No 🗆				
Sampler's name r	noted on COC?	Yes	•	No 🗆				
COC agrees with	Quote?	Yes		No 🗆	NA 🗹			
	Sampl	e Rece	ipt Informati	<u>on</u>				
Custody seals into	act on shipping container/cooler?	Yes		No 🗌	NA 🗸			
Shipping contained	er/cooler in good condition?	Yes	✓	No 🗌				
Samples in prope	er containers/bottles?	Yes	✓	No 🗌				
Sample container	rs intact?	Yes	✓	No 🗌				
Sufficient sample	volume for indicated test?	Yes	•	No 🗌				
	Sample Preservation	on and	Hold Time (H	HT) Information				
All samples receive	ved within holding time?	Yes	✓	No 🗆	NA 🗆			
Samples Receive		Yes	✓	No 🗌				
	(Ice Type	e: WE	TICE)					
Sample/Temp Bla	ank temperature		Temp: 3.6	3°C	NA 🗌			
Water - VOA vials	s have zero headspace / no bubbles?	Yes		No 🗌	NA 🗸			
Sample labels che	ecked for correct preservation?	Yes	✓	No 🗌				
pH acceptable up <2; 522: <4; 218.	on receipt (Metal: <2; Nitrate 353.2/4500NO3: 7: >8)?	Yes		No 🗹	NA 🗌			
UCMR Samples:								
	acceptable upon receipt (200.8: ≤2; 525.3: ≤4; 3; 544: <6.5 & 7.5)?	Yes		No 🗌	NA 🗹			
Free Chlorine to	ested and acceptable upon receipt (<0.1mg/L)?	Yes		No 🗆	NA 🗸			
					=			
Comments: pH	l adjusted in Lab.							



"When Quality Counts"

Analytical Report

WorkOrder: 1901666

Report Created for: Oakland Unified School District

955 High Street Oakland, CA 94601

Project Contact: Sorbor Twegbe **Project P.O.:** PO19-00032

Project: McClymond's Drinking Water -Building D; Gymnasium

Project Received: 01/15/2019

Analytical Report reviewed & approved for release on 01/18/2019 by:

Yen Cao

Project Manager

The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested. Results reported conform to the most current NELAP standards, where applicable, unless otherwise stated in the case narrative.



1534 Willow Pass Rd. Pittsburg, CA 94565 ♦ TEL: (877) 252-9262 ♦ FAX: (925) 252-9269 ♦ www.mccampbell.com

Glossary of Terms & Qualifier Definitions

Client: Oakland Unified School District

Project: McClymond's Drinking Water -Building D; Gymnasium

WorkOrder: 1901666

Glossary Abbreviation

%D Serial Dilution Percent Difference

95% Interval 95% Confident Interval

DF Dilution Factor

DI WET (DISTLC) Waste Extraction Test using DI water

DISS Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)

DLT Dilution Test (Serial Dilution)

DUP Duplicate

EDL Estimated Detection Limit

ERS External reference sample. Second source calibration verification.

ITEF International Toxicity Equivalence Factor

LCS Laboratory Control Sample

MB Method Blank

MB % Rec % Recovery of Surrogate in Method Blank, if applicable

MDL Method Detection Limit

ML Minimum Level of Quantitation

MS Matrix Spike

MSD Matrix Spike Duplicate

N/A Not Applicable

ND Not detected at or above the indicated MDL or RL

NR Data Not Reported due to matrix interference or insufficient sample amount.

PDS Post Digestion Spike

PDSD Post Digestion Spike Duplicate

PF Prep Factor

RD Relative Difference

RL Reporting Limit (The RL is the lowest calibration standard in a multipoint calibration.)

RPD Relative Percent Deviation
RRT Relative Retention Time

SPK Val Spike Value

SPKRef Val Spike Reference Value

SPLP Synthetic Precipitation Leachate Procedure

ST Sorbent Tube

TCLP Toxicity Characteristic Leachate Procedure

TEQ Toxicity Equivalents

TZA TimeZone Net Adjustment for sample collected outside of MAI's UTC.

WET (STLC) Waste Extraction Test (Soluble Threshold Limit Concentration)

Glossary of Terms & Qualifier Definitions

Client: Oakland Unified School District

Project: McClymond's Drinking Water -Building D; Gymnasium

WorkOrder: 1901666

Analytical Qualifiers

J Result is less than the RL/ML but greater than the MDL. The reported concentration is an estimated value.

Analytical Report

Client: Oakland Unified School District

Date Received: 1/15/19 16:15

Date Prepared: 1/17/19

Project: McClymond's Drinking Water -Building D;

Gymnasium

WorkOrder: 1901666

Extraction Method: E200.8

Analytical Method: E200.8 **Unit:** μ g/L

1	hea	
н	⊿eau	

lient ID Lab ID		Matrix Date Collected		Instrument	Batch ID	
011519-19/Drinking Fountain-Boys L	ocker Room 1901666-001A	Water	01/15/2	019 07:20	ICP-MS3 085SMPL.D	171625
<u>Analytes</u>	Result	<u>MDL</u>	<u>RL</u>	<u>DF</u>		Date Analyzed
Lead	1.3	0.010	0.50	1		01/17/2019 16:20

Analyst(s): MIG

Client ID	Lab ID	Matrix	Ι	Date Collected In		Instrument	Batch ID
011519-20/Flowater Station-Boys Gym Entrance	9 1901666-002A	Water	0	1/15/2019 0	7:20	ICP-MS3 086SMPL.D	171625
Analytes	Result	<u>M</u>	<u>1DL</u>	<u>RL</u>	<u>DF</u>		Date Analyzed
Lead	ND	0.	.010	0.50	1		01/17/2019 16:26

Analyst(s): MIG

Client ID	Lab ID	Matrix		Date Collected		Instrument	Batch ID
011519-21/Drinking Fountain 1-Girls Entrance	1901666-003A	Water		01/15/201	9 07:22	ICP-MS1 062SMPL.D	171631
<u>Analytes</u>	Result]	<u>MDL</u>	<u>RL</u>	<u>DF</u>		Date Analyzed
Lead	0.73	(0.010	0.50	1		01/17/2019 15:22

Analyst(s): MIG

Client ID	Lab ID	Matrix	ntrix Date Collected In		Instrument	Batch ID
011519-22/Drinking Fountain-Girls Loc	cker Room 1901666-004A	Water	01/15/	2019 07:23	ICP-MS1 066SMPL.D	171631
Analytes	Result	<u>M</u> E	L RL	<u>DF</u>		Date Analyzed
Lead	2.4	0.0	10 0.50	0 1		01/17/2019 15:48

Analyst(s): MIG

μg/L

Quality Control Report

Unit:

Client:Oakland Unified School DistrictWorkOrder:1901666Date Prepared:1/17/19BatchID:171625Date Analyzed:1/17/19Extraction Method:E200.8Instrument:ICP-MS2Analytical Method:E200.8

Project: McClymond's Drinking Water -Building D; **Sample ID:** MB/LCS/LCSD-171625

Gymnasium

Drinking Water

Matrix:

	QC Summary Rep	port for N	Metals			
Analyte	MB Result	MDL	RL			
Lead	ND	0.010	0.50	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Lead	47	47	50	93	93	80-120	0	20

Quality Control Report

Unit:

Client:Oakland Unified School DistrictWorkOrder:1901666Date Prepared:1/17/19BatchID:171631Date Analyzed:1/17/19Extraction Method:E200.8Instrument:ICP-MS1Analytical Method:E200.8

Project: McClymond's Drinking Water -Building D;

Gymnasium

Drinking Water

Matrix:

Sample ID: MB/LCS/LCSD-171631

 $\mu g/L$

1901666-003AMS/MSD

QC Summary Report for Metals						
Analyte	MB Result	MDL	RL			
Lead	0.011,J	0.010	0.50	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Lead	48	48	50	95	95	80-120	0	20

Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Lead	1	48	47	50	0.7306	94	93	80-120	1.43	20

CHAIN-OF-CUSTODY RECORD

1 of 1

ì	1534 Willow Pass Rd
Y	Pittsburg, CA 94565-170
Ì	1534 Willow Pass Rd Pittsburg, CA 94565-170 (925) 252-9262

□WaterTrax □ EDF ☐ WriteOn

EQuIS

WorkOrder: 1901666

☐ Detection Summary

Bill to:

Excel

Collection Date Hold

1/15/2019 07:20

1/15/2019 07:20

1/15/2019 07:22

1/15/2019 07:23

□ Email

☐ HardCopy

ClientCode: OUSD

☐ ThirdParty

Requested TAT:

J-flag

2 days;

01/15/2019

01/15/2019

Report to:

Lab ID

1901666-001

1901666-002

1901666-003

1901666-004

Sorbor Twegbe Oakland Unified School District

955 High Street Oakland, CA 94601 (415) 632-0350 FAX: Email: sorbor.tweqbe@ousd.org

Client ID

011519-19/Drinking Fountain-Boys Locker

011519-20/Flowater Station-Boys Gym

011519-21/Drinking Fountain 1-Girls

011519-22/Drinking Fountain-Girls Locker

cc/3rd Party: PO: PO19-00032

Project: McClymond's Drinking Water -Building D; Gymnasium

Matrix

Water

Water

Water

Water

Sorbor Tweabe

2

Α

Α

Α

Α

Oakland Unified School District

Date Received: 955 High Street Oakland, CA 94601 Date Logged:

Dry-Weight

sorbor.twegbe@ousd.org

3

Requested Tests (See legend below)									
4	5	6	7	8	9	10	11	12	

Test Legend:

1	PBMS_DW
5	
9	

2	
6	
10	

3	
7	
11	

4	
8	
12	

Prepared by: Kena Ponce

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days). Hazardous samples will be returned to client or disposed of at client expense.



"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701 Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269 http://www.mccampbell.com / E-mail: main@mccampbell.com

WORK ORDER SUMMARY

Client Name:	OAKLAND UNIFIED SCHOOL DISTRICT	Project:	McClymond's Drinking Water -Building D; Gymnasiur	n Work Order: 190166

Client Contact: Sorbor Twegbe

QC Level: LEVEL 2

Contact's Email: sorbor.twegbe@ousd.org Comments: Date Logged: 1/15/2019

	Wate	☐ WaterTrax		EDF	Excel	EQuIS Email	☐ HardCopy ☐ ThirdParty ☑ J-flag				
Lab ID	Client ID	Matrix	Test Name		Containers /Composites	Bottle & Preservative	De- chlorinated	Collection Date & Time	TAT	Sediment Content	Hold SubOut
1901666-001A	011519-19/Drinking Fountain-Boys Locker Room	Water	E200.8 (Lead)		1	250mL HDPE, unprsv.		1/15/2019 7:20	2 days	None	
1901666-002A	011519-20/Flowater Station- Boys Gym Entrance	Water	E200.8 (Lead)		1	250mL HDPE, unprsv.		1/15/2019 7:20	2 days	None	
1901666-003A	011519-21/Drinking Fountain 1-Girls Entrance	Water	E200.8 (Lead)		1	250mL HDPE, unprsv.		1/15/2019 7:22	2 days	None	
1901666-004A	011519-22/Drinking Fountain-Girls Locker Room	Water	E200.8 (Lead)		1	250mL HDPE, unprsv.		1/15/2019 7:23	2 days	None	

NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

10	1	(
196	1000	(1)
11()1	(0 Q	φ
1101		

General COC												MA	I Wo	rk Or	der#		()	01	Q	Q	4		- 12	
McCAMP	BELL	ANAI	\mathbf{Y}	ΓICAL	, INC.						C	HA	(N O	F CU	JSTO	ODY	REC	COR	D					
		Rd. Pittsburg				Tur	n Arou	nd Tim	e:1 Day	Rush		2 Day	Rush	•	3 Day	Rush		STD Quote #						
		52-9262 / Fa				J-Flag / MDL ESL			Cleanup Approved			Bottle Order #												
www.mccampb	- 1986 F			nccampbell.	com	Delivery Format: PDF GeoTracker El			r EDF		EDD		Write On (DW)		E	EQuIS								
Report To: Sorbor Twegbe		Bill To:	Sorbor	Twegbe			V				•		Aı	nalysi	is Re	quest	ed							
Company: Oakland Unified School District						BE		_I	lit lost											slı				
Email: sorbor.twegbe@ousd.org						Ĕ		Wit	With	9 i 8	118.1	S	only			(AAs)				mets	_			
Alt Email: Tele: 415-632-0350					8015	Î.O.	i	071)	ica (e) suc	icide	clors	(\$;	(S)	s/Pi	* (0			olved	gg				
Project Name: McClymond's Drinking Water - Building D Project #: Gymnasium					Gas (8021/ 8015) MTBE	Moto	Moto	64/9	carb ith Si	carbo	l Pest	Aro	(VOC	(SVO	(PAH	/ 602		s	disse	200.8(Lead)				
Project Location: 2607 Myrtle Street, Oakland CA 94607 PO #				sas (8	+ (2)	+ (2) +	91) a	ydro (ydro) I	B's	3260	3270	310 (8.00	(0;	ment	le for	8					
Sampler Signature:						l as	108	(801	reas	/ 907	el H	808/	82 PC	24 / 8	25 / 8	M/8	als (2	/ 602	luire	samp	00			
SAMPLE ID	Sam	pling	#Containers	Matrix	Preservative	BTEX & TPH as	TPH as Diesel (8015) + Motor Oil	TPH as Diesel (8015) + Motor Oil With Silea Gel	Total Oil & Grease (1664 / 9071) Without Silica Gel	Total Petroleum Hydrocarbons - Oil & Grease (1664 / 9071) With Silica Gel	Total Petroleum Hydrocarbons (418.1) With Silica Gel	EPA 505/ 608 / 8081 (CI Pesticides)	EPA 608 / 8082 PCB's ; Aroclors only	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.8 / 6020)*	Metals (200.8 / 6020)	Baylands Requirements	Lab to filter sample for dissolved metals analysis	EPA 2			
Location / Field Point	Date	Time	%)#			BTE	Hdl	TPH	Tota Silic	Tota Gre	Tota Wit	EPA	EPA	EPA	EPA	EPA	CAI	Met	Bay	Lab	回			
011519-19 / Drinking Fountain - Boys Locker Room	01-15-19	07:20am	1	DW	7										Iliza						•			
011519-20 / Flowater Station - Boys Gym Entrance	01-15-19	07:20am	1	DW	7																•			
011519-21 / Drinking Fountain 1 - Girls Gym Entrance	01-15-19	07:22am	1	DW	7	1						×												
011519-22 / Drinking Fountain - Girls Locker Room	01-15-19	07:23am	1	DW	7							3												**Thister
								150	\.															
							1																	
							9																	
9																								
3																			,					
MAI clients MUST disclose any dangerous chemical Non-disclosure incurs an immediate \$250 surcharge	ls known to be and the client i	present in their is subject to full	submitt legal li	ed samples in co ability for harm	oncentrations the suffered. Thank	at ma	y cause for your	immedi: underst	ate harn anding	or seri	ous fut allowin	ure hea	lth enda work sa	ingerme ifely.	ent as a	result o	of brief.	gloved	, open	air, sam	ple han	dling b	y MAI :	staff.
* If metals are requested for water samples and	the water typ	e (Matrix) is r	ot spe	cified on the cl	hain of custody	y, M	AI will	default	to met	als by l	E200.8	l							C	ommer	its / In:	structio	ons	
Please provide an adequate volume of sample.	If the volume	is not sufficie	nt for a	a MS/MSD a L	.CS/LCSD wil	l be p							ort.											
Relinquished By / Compan	y Name		_		ime		Rec	eived E			Name			_	ate	_	me							
Configura ye	1			5-19 11:				V	AV)				1111	119	1,35		-						
1 1	M	P	1/13	119 16	5		X	~	1				-	11	119	14	15	1						
					OW 2			'1 6				1177	0_117	5.										
Matrix Code: DW=Drinking Water, C									L=Slu	idge,	A=Ai	r, W	P=W1	pe, O	=Oth		Гетр	31	0	°C	Ini	tials		
Preservative Code: 1=4°C 2=HCl	$3-\Pi_{2}SO_{4}$	$4-\Pi NO_3$	J-IN	$aU\Pi = 0-LI$	IOAC/NaOI	1	1-140	116									remp	11	X		1111			

Oakland Unified School District

Client Name:

1534 Willow Pass Road, Pittsburg, CA 94565-1701 Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269 http://www.mccampbell.com / E-mail: main@mccampbell.com

Date and Time Received 1/15/2019 16:15

Sample Receipt Checklist

Project:	McClymond's Drinking Water -Building D; Gym	ınasium		Date Logged: Received by:	1/15/2019 Kena Ponce
WorkOrder №:	1901666 Matrix: <u>Water</u>			Logged by:	Kena Ponce
Carrier:	Lorenzo Perez (MAI Courier)				
	Chain of	Custody	(COC) Inf	<u>ormation</u>	
Chain of custody	present?	Yes	✓	No 🗌	
Chain of custody	signed when relinquished and received?	Yes	✓	No 🗌	
Chain of custody	agrees with sample labels?	Yes	✓	No 🗌	
Sample IDs note	d by Client on COC?	Yes	•	No 🗆	
Date and Time o	f collection noted by Client on COC?	Yes	✓	No 🗆	
Sampler's name	noted on COC?	Yes	✓	No 🗆	
COC agrees with	n Quote?	Yes		No 🗆	NA 🗹
	Sam	<u>ple Recε</u>	eipt Informa	ation .	
Custody seals in	tact on shipping container/cooler?	Yes		No 🗆	NA 🗹
Shipping contain	er/cooler in good condition?	Yes	✓	No 🗌	
Samples in prope	er containers/bottles?	Yes	✓	No 🗌	
Sample containe	ers intact?	Yes	✓	No 🗌	
Sufficient sample	e volume for indicated test?	Yes	✓	No 🗌	
	Sample Preservat	tion and	Hold Time	(HT) Information	
All samples rece	ived within holding time?	Yes	✓	No 🗆	NA 🗌
Samples Receive	ed on Ice?	Yes	✓	No 🗆	
	(Ice Ty	pe: WE	TICE)		_
Sample/Temp Bl	ank temperature		Temp: 3	3.6°C	NA 🗌
Water - VOA vial	ls have zero headspace / no bubbles?	Yes		No 🗌	NA 🗸
Sample labels ch	necked for correct preservation?	Yes	✓	No 🗌	
pH acceptable up <2; 522: <4; 218	pon receipt (Metal: <2; Nitrate 353.2/4500NO3: .7: >8)?	Yes		No 🗹	NA 🗆
UCMR Samples:	1		_	_	_
	acceptable upon receipt (200.8: ≤2; 525.3: ≤4; ≤3; 544: <6.5 & 7.5)?	Yes		No 🗌	NA 🗹
Free Chlorine t	tested and acceptable upon receipt (<0.1mg/L)?	Yes		No 🗌	NA 🗹
Comments: pl		- = = -	====	======	:======



"When Quality Counts"

Analytical Report

WorkOrder: 1901663

Report Created for: Oakland Unified School District

955 High Street Oakland, CA 94601

Project Contact: Sorbor Twegbe **Project P.O.:** PO19-00032

Project: McClymond's Drinking Water-Building A,B,H

Project Received: 01/15/2019

Analytical Report reviewed & approved for release on 01/18/2019 by:

Yen Cao

Project Manager

The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested. Results reported conform to the most current NELAP standards, where applicable, unless otherwise stated in the case narrative.



1534 Willow Pass Rd. Pittsburg, CA 94565 ♦ TEL: (877) 252-9262 ♦ FAX: (925) 252-9269 ♦ www.mccampbell.com

CA ELAP 1644 ♦ NELAP 4033 ORELAP

Glossary of Terms & Qualifier Definitions

Client: Oakland Unified School District

Project: McClymond's Drinking Water-Building A,B,H

WorkOrder: 1901663

Glossary Abbreviation

%D Serial Dilution Percent Difference

95% Interval 95% Confident Interval

DF Dilution Factor

DI WET (DISTLC) Waste Extraction Test using DI water

DISS Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)

DLT Dilution Test (Serial Dilution)

DUP Duplicate

EDL Estimated Detection Limit

ERS External reference sample. Second source calibration verification.

ITEF International Toxicity Equivalence Factor

LCS Laboratory Control Sample

MB Method Blank

MB % Rec % Recovery of Surrogate in Method Blank, if applicable

MDL Method Detection Limit

ML Minimum Level of Quantitation

MS Matrix Spike

MSD Matrix Spike Duplicate

N/A Not Applicable

ND Not detected at or above the indicated MDL or RL

NR Data Not Reported due to matrix interference or insufficient sample amount.

PDS Post Digestion Spike

PDSD Post Digestion Spike Duplicate

PF Prep Factor

RD Relative Difference

RL Reporting Limit (The RL is the lowest calibration standard in a multipoint calibration.)

RPD Relative Percent Deviation
RRT Relative Retention Time

SPK Val Spike Value

SPKRef Val Spike Reference Value

SPLP Synthetic Precipitation Leachate Procedure

ST Sorbent Tube

TCLP Toxicity Characteristic Leachate Procedure

TEQ Toxicity Equivalents

TZA TimeZone Net Adjustment for sample collected outside of MAI's UTC.

WET (STLC) Waste Extraction Test (Soluble Threshold Limit Concentration)

Glossary of Terms & Qualifier Definitions

Client: Oakland Unified School District

Project: McClymond's Drinking Water-Building A,B,H

WorkOrder: 1901663

Analytical Qualifiers

J Result is less than the RL/ML but greater than the MDL. The reported concentration is an estimated value.



Analytical Report

Client: Oakland Unified School District

Date Received: 1/15/19 16:15

Date Prepared: 1/17/19

Project: McClymond's Drinking Water-Building A,B,H

Extraction Method: E200.8 **Analytical Method:** E200.8

1901663

Unit: $\mu g/L$

WorkOrder:

Lead

Client ID	Lab ID	Matrix		Date Co	llected	Instrument	Batch ID
011519-1/ Driniking Fountain-adjacent to 1st	1901663-001A	Water		01/15/201	9 06:43	ICP-MS2 076SMPL.D	171625
Analytes	Result	Qualifiers	MDL	<u>RL</u>	<u>DF</u>		Date Analyzed
Lead	0.26	J	0.010	0.50	1		01/17/2019 15:32

Analyst(s): MIG

Client ID	Lab ID	Matrix		Date Co	llected	Instrument	Batch ID
011519-2/Drinking Fountain-adjacent to 1st Floo	1901663-002A	Water		01/15/201	9 06:46	ICP-MS2 083SMPL.D	171625
Analytes	Result	Qualifiers	MDL	<u>RL</u>	<u>DF</u>		Date Analyzed
Lead	0.25	J	0.010	0.50	1		01/17/2019 16:15

Analyst(s): MIG

Client ID	Lab ID	Matrix		Date Col	lected	Instrument	Batch ID
011519-3/Hydration Station-adjacent to 1 Room	1901663-003A	Water		01/15/2019	9 06:47	ICP-MS2 084SMPL.D	171625
<u>Analytes</u>	Result	Qualifiers	MDL	<u>RL</u>	<u>DF</u>		Date Analyzed
Lead	0.054	J	0.010	0.50	1		01/17/2019 16:21

Analyst(s): MIG

Client ID	Lab ID	Matrix	Date	Collected	Instrument	Batch ID
011519-4/Drinking Fountain-adjacent to	3rd Floo 1901663-004A	Water	01/15	/2019 06:48	ICP-MS2 085SMPL.D	171625
<u>Analytes</u>	Result	<u>M</u>	<u>DL</u> <u>RL</u>	<u>DF</u>		Date Analyzed
Lead	0.87	0.0	10 0.5	0 1		01/17/2019 16:27

Analyst(s): MIG

(Cont.)

Analytical Report

Client: Oakland Unified School District

Date Received: 1/15/19 16:15

Date Prepared: 1/17/19

Project: McClymond's Drinking Water-Building A,B,H

WorkOrder: 1901663

Extraction Method: E200.8 **Analytical Method:** E200.8

Unit: $\mu g/L$

┰		-
	α	~

Client ID	Lab ID	Matrix	Date Co	ollected	Instrument	Batch ID
011519-5/Faucet-Room 108 Sink	1901663-005A	Water	01/15/20	19 06:49	ICP-MS2 086SMPL.D	171625
<u>Analytes</u>	Result	MDL	<u>RL</u>	<u>DF</u>		Date Analyzed
Lead	32	0.010	0.50	1		01/17/2019 16:33

Analyst(s): MIG

Client ID	Lab ID	Matrix	Date (Collected	Instrument	Batch ID
011519-6/Drinking Fountain-Hallway,adjacer	nt ro 1901663-006A	Water	01/15/2	2019 06:53	ICP-MS2 087SMPL.D	171625
<u>Analytes</u>	<u>Result</u>	MD	<u></u>	<u>DF</u>		Date Analyzed
Lead	1.1	0.0	0.50	1		01/17/2019 16:40

Analyst(s): MIG

Client ID	Lab ID	Matrix		Date Co	llected	Instrument	Batch ID
011519-7/Drinking Fountain-Hallway	,adjacent Ro 1901663-007A	Water		01/15/201	19 06:54	ICP-MS2 088SMPL.D	171625
<u>Analytes</u>	Result	<u>M</u>	<u>IDL</u>	<u>RL</u>	<u>DF</u>		Date Analyzed
Lead	1.9	0.	.010	0.50	1		01/17/2019 16:46

Analyst(s): MIG

Client ID	Lab ID	Matrix		Date Col	llected	Instrument	Batch ID
011519-8/Drinking Fountain-Hallway,adjacent R	1901663-008A	Water		01/15/201	9 06:52	ICP-MS2 089SMPL.D	171625
Analytes	Result	Qualifiers	MDL	<u>RL</u>	<u>DF</u>		Date Analyzed
Lead	0.28	J	0.010	0.50	1		01/17/2019 16:52

Analyst(s): MIG

(Cont.)

Analytical Report

Client: Oakland Unified School District

Date Received: 1/15/19 16:15

Date Prepared: 1/17/19

Project: McClymond's Drinking Water-Building A,B,H WorkOrder: 1901663

Extraction Method: E200.8 **Analytical Method:** E200.8

Unit: μ g/L

Lead

Client ID	Lab ID	Matrix	Date C	ollected	Instrument	Batch ID
011519-9/Faucet-Room 128 Sink	1901663-009A	Water	01/15/20)19 06:57	ICP-MS3 072SMPL.D	171625
Analytes	Result	MDL	<u>RL</u>	<u>DF</u>		Date Analyzed
Lead	4.2	0.010	0.50	1		01/17/2019 15:00

Analyst(s): MIG

Client ID	Lab ID	Matrix	Date (Collected	Instrument	Batch ID
011519-10/Drinking Fountain-Hall	way, adjacent c 1901663-010A	Water	01/15/2	2019 07:00	ICP-MS3 073SMPL.D	171625
<u>Analytes</u>	Result	<u>MDL</u>	<u>. RL</u>	<u>DF</u>		Date Analyzed
Lead	5.0	0.01	0 0.50	1		01/17/2019 15:06

Analyst(s): MIG

Drinking Water

Matrix:

1534 Willow Pass Road, Pittsburg, CA 94565-1701 Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269 http://www.mccampbell.com / E-mail: main@mccampbell.com

 $\mu g/L$

Quality Control Report

Unit:

Client:Oakland Unified School DistrictWorkOrder:1901663Date Prepared:1/17/19BatchID:171625Date Analyzed:1/17/19Extraction Method:E200.8Instrument:ICP-MS2Analytical Method:E200.8

Project: McClymond's Drinking Water-Building A,B,H Sample ID: MB/LCS/LCSD-171625

1901663-001AMS/MSD

QC Summary Report for Metals											
Analyte	MB Result	MDL	RL								
Lead	ND	0.010	0.50	-	-	-					

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Lead	47	47	50	93	93	80-120	0	20

Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Lead	1	47	47	50	ND	94	93	80-120	0.490	20

FAX:

Oakland Unified School District

(415) 632-0350

CHAIN-OF-CUSTODY RECORD

Page	1	of	1
------	---	----	---

J-flag

4000	1534 Willow Pass Rd				O	-			
	Pittsburg, CA 94565-1701 (925) 252-9262				WorkOrder	: 1901663	ClientCo	de: OUSD	
_	(925) 252-9262	WaterTrax	WriteOn	EDF	Excel	EQuIS	Email	HardCopy	ThirdParty
					Detection	Summary	Dry-Weigh	t	

Bill to: Requested TAT: Report to: 2 days; Sorbor Twegbe

sorbor.twegbe@ousd.org Sorbor Tweabe Email:

A,B,H

cc/3rd Party: Oakland Unified School District

01/15/2019 Date Received: 955 High Street PO: 955 High Street PO19-00032 Oakland, CA 94601 Project: McClymond's Drinking Water-Building Date Logged: Oakland, CA 94601 01/15/2019

sorbor.twegbe@ousd.org

								Re	equeste	d Tests	(See le	gend bel	ow)			
Lab ID	Client ID	Matrix	Collection Date	Hold	1	2	3	4	5	6	7	8	9	10	11	12
1901663-001	011519-1/ Driniking Fountain-adjacent to 1st	Water	1/15/2019 06:43		Α											T
1901663-002	011519-2/Drinking Fountain-adjacent to 1st	Water	1/15/2019 06:46		Α											
1901663-003	011519-3/Hydration Station-adjacent to 1	Water	1/15/2019 06:47		Α											
1901663-004	011519-4/Drinking Fountain-adjacent to 3rd	Water	1/15/2019 06:48		Α											
1901663-005	011519-5/Faucet-Room 108 Sink	Water	1/15/2019 06:49		Α											
1901663-006	011519-6/Drinking Fountain-	Water	1/15/2019 06:53		Α											
1901663-007	011519-7/Drinking Fountain-	Water	1/15/2019 06:54		Α											
1901663-008	011519-8/Drinking Fountain-	Water	1/15/2019 06:52		Α											
1901663-009	011519-9/Faucet-Room 128 Sink	Water	1/15/2019 06:57		Α											
1901663-010	011519-10/Drinking Fountain-Hallway,	Water	1/15/2019 07:00		Α											

Test Legend:

1 PBMS_DW	2	3	4
5	6	7	8
9	10	11	12

Prepared by: Kena Ponce

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days). Hazardous samples will be returned to client or disposed of at client expense.



"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701 Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269 http://www.mccampbell.com / E-mail: main@mccampbell.com

WORK ORDER SUMMARY

Client Name: OAKLAND UNIFIED SCHOOL DISTRICT Project: McClymond's Drinking Water-Building A,B,H Work Order: 1901663

Client Contact: Sorbor Twegbe

QC Level: LEVEL 2

Contact's Email: sorbor.twegbe@ousd.org Comments: Date Logged: 1/15/2019

	□Wate	rTrax	WriteOn	EDF	Excel	EQuIS Email	HardC	Copy ThirdPar	ty 🗸	-flag	
Lab ID	Client ID	Matrix	Test Name		Containers /Composites	Bottle & Preservative	De- chlorinated	Collection Date & Time	TAT	Sediment Content	Hold SubOut
1901663-001A	011519-1/ Driniking Fountain-adjacent to 1st	Water	E200.8 (Lead)		1	250mL HDPE, unprsv.		1/15/2019 6:43	2 days	None	
1901663-002A	011519-2/Drinking Fountain- adjacent to 1st Floor	Water	E200.8 (Lead)		1	250mL HDPE, unprsv.		1/15/2019 6:46	2 days	None	
1901663-003A	011519-3/Hydration Station- adjacent to 1 Room 105	Water	E200.8 (Lead)		1	250mL HDPE, unprsv.		1/15/2019 6:47	2 days	None	
1901663-004A	011519-4/Drinking Fountain- adjacent to 3rd Floor E	Water	E200.8 (Lead)		1	250mL HDPE, unprsv.		1/15/2019 6:48	2 days	None	
1901663-005A	011519-5/Faucet-Room 108 Sink	Water	E200.8 (Lead)		1	250mL HDPE, unprsv.		1/15/2019 6:49	2 days	None	
1901663-006A	011519-6/Drinking Fountain- Hallway,adjacent room 3	Water	E200.8 (Lead)		1	250mL HDPE, unprsv.		1/15/2019 6:53	2 days	None	
1901663-007A	011519-7/Drinking Fountain- Hallway,adjacent Room 2	Water	E200.8 (Lead)		1	250mL HDPE, unprsv.		1/15/2019 6:54	2 days	None	
1901663-008A	011519-8/Drinking Fountain- Hallway,adjacent RM114	Water	E200.8 (Lead)		1	250mL HDPE, unprsv.		1/15/2019 6:52	2 days	None	
1901663-009A	011519-9/Faucet-Room 128 Sink	Water	E200.8 (Lead)		1	250mL HDPE, unprsv.		1/15/2019 6:57	2 days	None	
1901663-010A	011519-10/Drinking Fountain-Hallway, adjacent cafa	Water	E200.8 (Lead)		1	250mL HDPE, unprsv.		1/15/2019 7:00	2 days	None	

NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

RUSH



6 McCAMPI	BELL	ANAI	Y	TICAL,	INC.						C	HAI	N OI	CU	STC	DY	REC	COR	D			in the		
		Rd. Pittsburg				Turn	Aroun	d Time	:1 Day	Rush		2 Day	Rush	• 3	3 Day	Rush		STD		Quo	ote#			
		52-9262 / Fa)	-Flag	/ MDL	•	ESL			Cleanu	p Appr	oved				Bott	le Orc	ler#			150
www.mccampbe	ll.com	mai	in@m	ccampbell.	com	Deliv	ery Fo	rmat; .	PDF		GeoT	Tracke	EDF		EDD			ite On	(DW)		E	QuIS		
Report To: Sorbor Twegbe	II .	Bill To:	Sorbor	Twegbe			1				J.		An	alysis	Rec	quest	ed							
Company: Oakland Unified School District	:t					MTBE		=	hout	જ	(1						d.			tals				
Email: sorbor.twegbe@ousd.org	14			12			=	i.W	Wit	-Oil	(418.	(sə	luo s			PNAs				d me	\subseteq			
Alt Email:		Tele:	415-63	2-0350		(8021/8015)	tor O	tor O	9071	bons	pons	sticid	oclor	<u>(S</u>	(s)	Hs/I	(20)*			solve	8(Lead)			
Project Name: McClymond's Drinking Water-Build				1.		(8021	+ Mo	+ Mo	664 /	ocar Vith	ocar.	CI Pe	8; Ar	0 0	o (SV	(PA	8 / 60		ıts	or dis	ال			
Project Location: 2607 Myrtle Street, Oaklan	nd CA 94607	PO#				Gas	015) - el	015)	Ise (1	Hydr 71) <u>y</u>	Hydı	081 (CB's	/ 826	/ 827	8310	(200.	020)	remer	ple f	8.			
ampler Signature:						н as	sel (8)	sel (8	Grea	eum 4 / 90	eum Gel	8 / 80	082 1	624	625	SIM	etals	9/8.	equi	r san	200.			
SAMPLE ID	Sam	pling	ainers	Motuly	Drogorunting	& TI	s Dies	s Die	Oil &	Petrol 3 (166	Petro	05/ 6(8 / 80	24.2	525.2 / 625 / 8270 (SVOCs)	8270 SIM / 8310 (PAHs / PNAs)	17 M	s (200	nds R	o filte sis				
Location / Field Point	Date	Time	#Containers	Matrix	Preservative	втех & трн	TPH as Diesel (8015) + Motor Oil Without Silica Gel	TPH as Diesel (8015) + Motor Oil With Silca Gel	Total Oil & Grease (1664 / 9071) Without Silica Gel	Total Petroleum Hydrocarbons - Oil & Grease (1664 / 9071) <u>With</u> Silica Gel	Total Petroleum Hydrocarbons (418.1) <u>With</u> Silica Gel	EPA 505/ 608 / 8081 (CI Pesticides)	EPA 608 / 8082 PCB's; Aroclors only	EPA 524.2 / 624 / 8260 (VOCs)	EPA 5	EPA 8	CAM 17 Metals (200.8 / 6020)*	Metals (200.8 / 6020)	Baylands Requirements	Lab to filter sample for dissolved metals analysis	EPA			
011519-1 / Drinking Fountain - adjacent to 1st Fl. Elevator (01-15-19	06:43am	1	DW	7	1		0,1													•			
011519-2 / Drinking Fountain - adjacent to 1st Fl. Elevator (01-15-19	06:46am	1	DW	7 .					- 1											•			
011519-3 / Hydration Station - adjacent to 1Room 105	01-15-19	06:47am	1	DW	7	1		194			-										•			
011519-4 / Drinking Fountain - adjacent to 3rd, Fl. Elevator	01-15-19	06:48am	1	DW	7			J. BV				Lo P						- 4					1	
011519-5 / Faucet - Room 108 Sink	01-15-19	06:49am	1	DW	7	-19															•			
011519-6 / Drinking Fountain - Hallway, adjacent to Room 306	01-15-19	06:53am	1	DW	7	4															•			
011519-7 / Drinking Fountain - Hallway , adjacent to Room 212	01-15-19	06:54am	1	DW	7																•			
011519-8 / Drinking Fountain - Hallway , adjacent to Room 114	01-15-19	06:52am	1	DW	7	W														ļ	•			
011519-9 / Faucet - Room 128 Sink	01-15-19	06:57am	1	DW	7																			
	700 770	07:00am	1	DW	7	3																		
MAI clients MUST disclose any dangerous chemicals Non-disclosure incurs an immediate \$250 surcharge at	known to be p	present in their	submitt legal li	ed samples in co ability for harm	ncentrations that suffered. Thank	t may you fo	cause i	mmedia understa	nte harm anding a	or seri	ous futt allowin	are hea g us to	lth enda work sa	ngerme ifely.	nt as a	result o	of brief	, gloved	, open	air, sam	ple har	dling b	y MAI s	staff.
* If metals are requested for water samples and the	he water type	e (Matrix) is n	ot spec	cified on the ch	nain of custody	, MA	I will o	default	to met	als by l	E200.8								C	ommei	nts / In	structio	ons	
Please provide an adequate volume of sample. If	the volume	is not sufficie	nt for a	MS/MSD a L	CS/LCSD wil	be pr	eparec	in its	place a	nd not	ed in th	ne repo	ort.			I		4						
Relinquished By / Company	Name	Transfer Co.		(T1707)	ime		Rece	eived B	y / Coi	npany	Name	h	,		ate		ime	1						
SOLDER TWEERE	1 10			5-19 11:29				1	1/			MI		1/181	119	135	0	+						
	UH	P	11/5	119 161	73			4			1				7	_		1						
Matrix Code: DW=Drinking Water, GV	W-Crown	d Water W	W-V	Vacte Water	SW=Seau	ater	S=S	oil SI	=Slu	doe	A=Ai	r WI	P=Wi	ne. O	=Oth	er		1						
Preservative Code: 1=4°C 2=HCl 3									2 514		• • • •	-,		-, -			Гетр	3	0	°C	Ini	tials		

Oakland Unified School District

Client Name:

1534 Willow Pass Road, Pittsburg, CA 94565-1701 Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269 http://www.mccampbell.com / E-mail: main@mccampbell.com

Date and Time Received 1/15/2019 16:15

Sample Receipt Checklist

Project:	McClymond's	Drinking Water-Building A,B,H			Date Logged:	1/15/2019	
MorkOrdor No.	1001662	Matrix: Mater			Received by:	Kena Ponce	
WorkOrder №: Carrier:	1901663 Lorenzo Perez	Matrix: Water (MAI Courier)			Logged by:	Kena Ponce	
-		<u> </u>					
		Chain of the Chain	Custody	<u>/ (COC) I</u>	<u>nformation</u>		
Chain of custody	/ present?		Yes	✓	No 🗆		
Chain of custody	signed when re	linquished and received?	Yes	✓	No 🗆		
Chain of custody	agrees with sar	mple labels?	Yes	✓	No 🗆		
Sample IDs note	ed by Client on C	OC?	Yes	✓	No 🗆		
Date and Time of	of collection note	d by Client on COC?	Yes	✓	No 🗆		
Sampler's name	noted on COC?		Yes	✓	No 🗆		
COC agrees with	n Quote?		Yes		No 🗌	NA 🗹	
		Samp	ole Rece	eipt Infor	mation_		
Custody seals in	tact on shipping	container/cooler?	Yes		No 🗆	NA 🗸	
Shipping contain	ner/cooler in good	d condition?	Yes	✓	No 🗆		
Samples in prop	er containers/bo	ttles?	Yes	✓	No 🗆		
Sample containe	ers intact?		Yes	•	No 🗆		
Sufficient sample	e volume for indi	cated test?	Yes	✓	No 🗌		
		Sample Preservat	ion and	Hold Tir	ne (HT) Information		
All samples rece	eived within holdi	ng time?	Yes	✓	No 🗆	NA \square	
Samples Receiv	ed on Ice?		Yes	✓	No 🗌		
		(Ice Typ	oe: WE	T ICE)		
Sample/Temp B	lank temperature)		Temp:	3.6°C	NA 🗌	
Water - VOA via	ls have zero hea	dspace / no bubbles?	Yes		No 🗌	NA 🗸	
Sample labels cl	hecked for corre	ct preservation?	Yes	✓	No 🗌		
pH acceptable u <2; 522: <4; 218		al: <2; Nitrate 353.2/4500NO3:	Yes		No 🗸	NA 🗌	
UCMR Samples	<u>.</u>						
	acceptable upor <3; 544: <6.5 & 7	n receipt (200.8: ≤2; 525.3: ≤4; 7.5)?	Yes		No 🗌	NA 🗹	
Free Chlorine	tested and acce	otable upon receipt (<0.1mg/L)?	Yes		No 🗌	NA 🗹	
=====	=====	========			======:		
Comments: pl	H adjusted in Lal	b.					



"When Quality Counts"

Analytical Report

WorkOrder: 1901667

Report Created for: Oakland Unified School District

955 High Street Oakland, CA 94601

Project Contact: Sorbor Twegbe **Project P.O.:** PO19-00032

Project: McClymond's Drinking water-Courtyard, Football,;

Bleachers and Pool Mack Exterior Drinking Water

Project Received: 01/15/2019

Analytical Report reviewed & approved for release on 01/18/2019 by:

Yen Cao

Project Manager

The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested. Results reported conform to the most current NELAP standards, where applicable, unless otherwise stated in the case narrative.



1534 Willow Pass Rd. Pittsburg, CA 94565 ♦ TEL: (877) 252-9262 ♦ FAX: (925) 252-9269 ♦ www.mccampbell.com

CA ELAP 1644 ♦ NELAP 4033 ORELAP

Glossary of Terms & Qualifier Definitions

Client: Oakland Unified School District

Project: McClymond's Drinking water-Courtyard, Football; Bleachers and Pool Mack Exterior Drinking Water

WorkOrder: 1901667

Glossary Abbreviation

%D Serial Dilution Percent Difference

95% Interval 95% Confident Interval

DF Dilution Factor

DI WET (DISTLC) Waste Extraction Test using DI water

DISS Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)

DLT Dilution Test (Serial Dilution)

DUP Duplicate

EDL Estimated Detection Limit

ERS External reference sample. Second source calibration verification.

ITEF International Toxicity Equivalence Factor

LCS Laboratory Control Sample

MB Method Blank

MB % Rec % Recovery of Surrogate in Method Blank, if applicable

MDL Method Detection Limit

ML Minimum Level of Quantitation

MS Matrix Spike

MSD Matrix Spike Duplicate

N/A Not Applicable

ND Not detected at or above the indicated MDL or RL

NR Data Not Reported due to matrix interference or insufficient sample amount.

PDS Post Digestion Spike

PDSD Post Digestion Spike Duplicate

PF Prep Factor

RD Relative Difference

RL Reporting Limit (The RL is the lowest calibration standard in a multipoint calibration.)

RPD Relative Percent Deviation
RRT Relative Retention Time

SPK Val Spike Value

SPKRef Val Spike Reference Value

SPLP Synthetic Precipitation Leachate Procedure

ST Sorbent Tube

TCLP Toxicity Characteristic Leachate Procedure

TEQ Toxicity Equivalents

TZA TimeZone Net Adjustment for sample collected outside of MAI's UTC.

WET (STLC) Waste Extraction Test (Soluble Threshold Limit Concentration)

Glossary of Terms & Qualifier Definitions

Client: Oakland Unified School District

Project: McClymond's Drinking water-Courtyard, Football ;; Bleachers and Pool Mack Exterior Drinking Water

WorkOrder: 1901667

Analytical Qualifiers

J Result is less than the RL/ML but greater than the MDL. The reported concentration is an estimated value.



Analytical Report

Client: Oakland Unified School District

Date Received: 1/15/19 16:15

Date Prepared: 1/17/19

Project: McClymond's Drinking water-Courtyard, Football ,;

Bleachers and Pool Mack Exterior Drinking Water

WorkOrder: 1901667

Extraction Method: E200.8 **Analytical Method:** E200.8

Unit: $\mu g/L$

Lead

Client ID	Lab ID	Matrix	Date	Collected	Instrument	Batch ID
011519-23/Drinking Fountain 1-Courtyard	1901667-001A	Water	01/15/2	2019 07:00	ICP-MS1 070SMPL.D	171631
Analytes	Result	MD	<u> RL</u>	<u>DF</u>		Date Analyzed
Lead	8.4	0.0	0.50	1		01/17/2019 16:12

Analyst(s): MIG

Client ID	Lab ID	Matrix	Date (Collected	Instrument	Batch ID
011519-24/Drinking Fountain 1- Pool	1901667-002A	Water	01/15/2	2019 07:30	ICP-MS1 071SMPL.D	171631
<u>Analytes</u>	Result	MDL	<u>RL</u>	<u>DF</u>		Date Analyzed
Lead	0.74	0.01	0.50	1		01/17/2019 16:18

Analyst(s): MIG

Client ID	Lab ID	Matrix		Date Col	lected	Instrument	Batch ID
011519-25/Drinkingh Fountain-Football Bleacher	1901667-003A	Water		01/15/2019	07:39	ICP-MS1 072SMPL.D	171631
<u>Analytes</u>	Result	Qualifiers	MDL	<u>RL</u>	<u>DF</u>		Date Analyzed
Lead	0.50	J	0.010	0.50	1		01/17/2019 16:25

Analyst(s): MIG

Client ID	Lab ID	Matrix		Date Co	llected	Instrument	Batch ID
011519-26/Drinkingh Fountain-Football	I Bleacher 1901667-004A	Water		01/15/201	9 07:43	ICP-MS1 073SMPL.D	171631
Analytes	Result	<u>N</u>	<u>IDL</u>	<u>RL</u>	<u>DF</u>		Date Analyzed
Lead	4.4	0	.010	0.50	1		01/17/2019 16:31

Analyst(s): MIG

Quality Control Report

Client: Oakland Unified School District WorkOrder: 1901667 **Date Prepared:** 1/17/19 **BatchID:** 171631 **Date Analyzed:** 1/17/19 **Extraction Method:** E200.8 ICP-MS1 **Instrument: Analytical Method:** E200.8 **Matrix: Drinking Water Unit:** $\mu g/L$

Project: McClymond's Drinking water-Courtyard, Football;

Bleachers and Pool Mack Exterior Drinking Water

Sample ID: MB/LCS/LCSD-171631

QC Summary Report for Metals											
Analyte	MB Result	MDL	RL								
Lead	0.011,J	0.010	0.50	-	-	-					

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Lead	48	48	50	95	95	80-120	0	20

1534 Willow Pass Rd
Pittsburg, CA 94565-1701

(925) 252-9262

Sorbor Twegbe

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

☐ ThirdParty

J-flag

WorkOrder: 1901667 ClientCode: OUSD

WaterTrax WriteOn EDF Excel EQuIS Email HardCopy

☐ Detection Summary ☐ Dry-Weight

Report to: Bill to: Requested TAT: 2 days;

Oakland Unified School District cc/3rd Party: Oakland Unified School District

 955 High Street
 PO:
 PO19-00032
 955 High Street
 Date Received:
 01/15/2019

 Oakland, CA 94601
 Project:
 McClymond's Drinking water Oakland, CA 94601
 Date Logged:
 01/15/2019

(415) 632-0350 FAX: Courtyard, Football ,; Bleachers and Pool sorbor.twegbe@ousd.org

				Requested Tests (See legend below)												
Lab ID	Client ID	Matrix	Collection Date	Hold	1	2	3	4	5	6	7	8	9	10	11	12
1901667-001	011519-23/Drinking Fountain 1-Courtyard	Water	1/15/2019 07:00		Α											
1901667-002	011519-24/Drinking Fountain 1- Pool	Water	1/15/2019 07:30		Α											
1901667-003	011519-25/Drinkingh Fountain-Football	Water	1/15/2019 07:39		A											
1901667-004	011519-26/Drinkingh Fountain-Football	Water	1/15/2019 07:43		Α											

Test Legend:

1	PBMS_DW	2	3	4
5		6	7	8
9		10	11	12

Prepared by: Kena Ponce

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).

Hazardous samples will be returned to client or disposed of at client expense.



Client Contact:

Sorbor Twegbe

McCampbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701 Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269 http://www.mccampbell.com / E-mail: main@mccampbell.com

WORK ORDER SUMMARY

Client Name: OAKLAND UNIFIED SCHOOL DISTRICT Project: McClymond's Drinking water-Courtyard, Football ,; Work Order: 1901667

Bleachers and Pool Mack Exterior Drinking Water

Contact's Email: sorbor.twegbe@ousd.org Comments: Date Logged: 1/15/2019

		WaterTrax	WriteOn	EDF	Excel	EQuIS Email	HardC	opyThirdPart	y 🗸	J-flag	
Lab ID	Client ID	Matrix	Test Name		Containers /Composites	Bottle & Preservative	De- chlorinated	Collection Date & Time	TAT	Sediment Content	Hold SubOut
1901667-001A	011519-23/Drinking Fountain 1-Courtyard	Water	E200.8 (Lead)		1	250mL HDPE, unprsv.		1/15/2019 7:00	2 days	None	
1901667-002A	011519-24/Drinking Fountain 1- Pool	Water	E200.8 (Lead)		1	250mL HDPE, unprsv.		1/15/2019 7:30	2 days	None	
1901667-003A	011519-25/Drinkingh Fountain-Football Blead	Water her,N	E200.8 (Lead)		1	250mL HDPE, unprsv.		1/15/2019 7:39	2 days	None	
1901667-004A	011519-26/Drinkingh Fountain-Football Blead	Water sher,S	E200.8 (Lead)		1	250mL HDPE, unprsv.		1/15/2019 7:43	2 days	None	

NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

OC Level: LEVEL 2

order#	190	1667	
-	11	1	_

General COC													MA	I Wo	rk Or	der#	_/	1) /	(0)	l',	7		-	
McCAMP	BELL	ANAI	\mathbf{Y}	ΓICAL	, INC.		g e	9				C	HA	IN O	F CU	JSTO	DDY	RE	COR	D					
		Rd. Pittsburg				Tur	n Aro	und T	Γime:	1 Day	Rush		2 Day	y Rush	•	3 Day	Rush		STD		Qu	ote#			
Telepho	ne: (877) 2:	52 - 9262 / Fa	x: (92	5) 252-9269			J-Fla	ag / M	1DL	•	ESL			Clean	ір Арр	roved				Bott	tle Or	der#			
www.mccampb	ell.com	ma	in@n	nccampbell.	com	Del	livery	Form	at:	PDF		Geo	Tracke	er EDF		EDD		Wr	ite On	(DW)			EQuIS		
Report To: Sorbor Twegbe		Bill To:	Sorbor	Twegbe										Aı	nalys	is Re	quest	ed							
Company: Oakland Unified School Distri	ct					MTBE		-	.	ont	a.	_									als				
Email: sorbor.twegbe@ousd.org					M.	M	_	Š		With	g Gil	418.1	<u>8</u>	only.			NAs)				l met	_			
Alt Email:		Tele:	415-63	32-0350		8015	or Oi	j	5	071)	ons -	ous (ticide	clors	Cs)	(s)	ls / P	*(0			olved	ad			
Project Name: McClymond's Drinking Water - Courtyard, Footb	all Bleacher, and Poo	Project #:	Mack	Exterior Drink	ing Water	8021/	Mot	Mot	1014	64/6	ith S	carb	l Pes	; Aro	S S	(SVC	(PAE	/ 602		yo.	· diss	Le			
Project Location: 2607 Myrtle Street, Oakland CA 94607 PO #						Sas (15) +	+	- (6)	e (16	lydro 🛛	lydro	81 (C	CB's	8260	8270	3310	8.003	50)	ment	le for	200.8(Lead)			
Sampler Signature:						l se	1 (80	a Gel	00) 1	reas	um F / 907	e m	1 80	82 P(24 /	1529	M / 8	als (2	7 60.	quire	Samp	8			
SAMPLE ID	Sam	pling	#Containers	Matrix	Preservative	BTEX & TPH as Gas (8021/8015)	as Diese	Without Silica Gel TPH as Diesel (8015) + Motor Oil With	Gel	Total Oil & Grease (1664 / 9071) Without Silica Gel	Total Petroleum Hydrocarbons - Oil & Grease (1664/9071) With Silica Gel	Total Petroleum Hydrocarbons (418.1) With Silica Gel	EPA 505/ 608 / 8081 (CI Pesticides)	EPA 608 / 8082 PCB's ; Aroclors only	EPA 524.2 / 624 / 8260 (VOCs)	525.2 / 625 / 8270 (SVOCs)	8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.8 / 6020)*	Metals (200.8 / 6020)	Baylands Requirements	Lab to filter sample for dissolved metals analysis	EPA 2			
Location / Field Point	Date	Time	#Col			BTE	TPH	With	Silca	Tota Silica	Tota Grea	Tota With	EPA	EPA	EPA	EPA	EPA	CAN	Mets	Bayl	Lab	苗			
011519-23 / Drinking Fountain 1 - Courtyard	01-15-19	07:00am	1	DW	7		le l															•			
011519-24 / - Drinking Fountain 1 - Pool	01-15-19	07:30am	1	DW	7																	•			
011519-25 / Drinking Fountain - Football Bleacher, North	01-15-19	07:39am	1	DW	7											D.						•	1		
011519-26 / Drinking Fountain - Football Bleacher, South	01-15-19	07:43am	1	DW	7																	•			
2000 th							d																		
MAI clients MUST disclose any dangerous chemical Non-disclosure incurs an immediate \$250 surcharge	s known to be and the client i	present in their s subject to full	submitt legal li	ed samples in co ability for harm	oncentrations that suffered. Thank	t ma	y cause for you	e imm ur und	rediat lerstar	e harm nding a	or seri	ous fut allowin	ure hea g us to	lth enda work sa	ingerme ifely.	ent as a	result o	of brief	gloved	l, open	air, san	ple ha	ıdling b	y MAI	staff.
* If metals are requested for water samples and	the water typ	e (Matrix) is r	ot spec	cified on the c	nain of custody	, M	AI wil	ll defa	ault te	o meta	als by l	E200.8								C	Comme	nts / In	structio	ns	
Please provide an adequate volume of sample.	f the volume													ort.			,		1						
Relinquished By / Company	y Name		D		ime		Re	eceive	ed By	/ Cor	-				D	1 4	Ti	-	-						
Charge -		(1.0)			2500	1		1	1	/		J.P				9/19	_	10							
7.0		MPP	1/18	119 160	5			a	1	A		/			1/1	5/1	119	15							
Matrix Code: DW=Drinking Water, G	W=Groun	d Water, W	w=w	Vaste Water	, SW=Seaw	ate	r, S=	Soil,	, SL	=Slu	dge, i	A=Ai	r, W	P=Wi	pe, O	=Oth	er		A	1					
Preservative Code: 1=4°C 2=HCl	3=H ₂ SO ₄	4=HNO ₃	5=N:	aOH 6=Zi	nOAc/NaOI	I	7=N	one									-	Гетр	5	,4	°C	Ini	tials		

Oakland Unified School District

Client Name:

1534 Willow Pass Road, Pittsburg, CA 94565-1701 Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269 http://www.mccampbell.com / E-mail: main@mccampbell.com

Date and Time Received

1/15/2019 16:15

Sample Receipt Checklist

Project:	McClymond's Drinking water-Courtyard, Pool Mack Exterior Drinking Water	Football ,; Blea	chers and	Date Logged:	1/15/2019
WorkOrder №:	1901667 Matrix: <u>Water</u>			Received by: Logged by:	Kena Ponce Kena Ponce
Carrier:	Lorenzo Perez (MAI Courier)			33344	
	<u>Ch</u>	ain of Custody	(COC) Info	ormation	
Chain of custody	present?	Yes	✓	No 🗆	
Chain of custody	signed when relinquished and received?	Yes	•	No 🗌	
Chain of custody	agrees with sample labels?	Yes	✓	No 🗌	
Sample IDs note	d by Client on COC?	Yes	✓	No 🗌	
Date and Time of	f collection noted by Client on COC?	Yes	✓	No 🗌	
Sampler's name	noted on COC?	Yes	✓	No 🗌	
COC agrees with	Quote?	Yes		No 🗌	NA 🗹
		Sample Rece	ipt Informa	ation	
Custody seals int	tact on shipping container/cooler?	Yes		No 🗌	NA 🗹
Shipping containe	er/cooler in good condition?	Yes	✓	No 🗌	
Samples in prope	er containers/bottles?	Yes	✓	No 🗌	
Sample containe	rs intact?	Yes	✓	No 🗌	
Sufficient sample	e volume for indicated test?	Yes	•	No 🗌	
	Sample Pre	servation and	Hold Time	(HT) Information	
All samples recei	ived within holding time?	Yes	✓	No 🗆	NA 🗆
Samples Receive	ed on Ice?	Yes	✓	No 🗌	
	(Ice Type: WE	TICE)		
Sample/Temp Bl	ank temperature		Temp: 3	3.6°C	NA 🗌
Water - VOA vial	s have zero headspace / no bubbles?	Yes		No 🗌	NA 🗸
Sample labels ch	necked for correct preservation?	Yes	✓	No 🗌	
pH acceptable up <2; 522: <4; 218.	oon receipt (Metal: <2; Nitrate 353.2/4500N 7: >8)?	IO3: Yes		No 🗹	NA 🗌
UCMR Samples: pH tested and a 530: ≤7; 541: <	acceptable upon receipt (200.8: ≤2; 525.3: 3; 544: <6.5 & 7.5)?	≤4; Yes		No 🗆	NA 🗸
Free Chlorine t	ested and acceptable upon receipt (<0.1mg	g/L)? Yes		No 🗌	NA 🗹
Comments: pH	======================================	====		======	========



"When Quality Counts"

Analytical Report

WorkOrder: 1901664

Report Created for: Oakland Unified School District

955 High Street Oakland, CA 94601

Project Contact: Sorbor Twegbe **Project P.O.:** PO19-00032

Project: McClymonds Drinking Water-Kitchen

Project Received: 01/15/2019

Analytical Report reviewed & approved for release on 01/18/2019 by:

Yen Cao

Project Manager

The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested. Results reported conform to the most current NELAP standards, where applicable, unless otherwise stated in the case narrative.



1534 Willow Pass Rd. Pittsburg, CA 94565 ♦ TEL: (877) 252-9262 ♦ FAX: (925) 252-9269 ♦ www.mccampbell.com

Glossary of Terms & Qualifier Definitions

Client: Oakland Unified School District

Project: McClymonds Drinking Water-Kitchen

WorkOrder: 1901664

Glossary Abbreviation

%D Serial Dilution Percent Difference

95% Interval 95% Confident Interval

DF Dilution Factor

DI WET (DISTLC) Waste Extraction Test using DI water

DISS Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)

DLT Dilution Test (Serial Dilution)

DUP Duplicate

EDL Estimated Detection Limit

ERS External reference sample. Second source calibration verification.

ITEF International Toxicity Equivalence Factor

LCS Laboratory Control Sample

MB Method Blank

MB % Rec % Recovery of Surrogate in Method Blank, if applicable

MDL Method Detection Limit

ML Minimum Level of Quantitation

MS Matrix Spike

MSD Matrix Spike Duplicate

N/A Not Applicable

ND Not detected at or above the indicated MDL or RL

NR Data Not Reported due to matrix interference or insufficient sample amount.

PDS Post Digestion Spike

PDSD Post Digestion Spike Duplicate

PF Prep Factor

RD Relative Difference

RL Reporting Limit (The RL is the lowest calibration standard in a multipoint calibration.)

RPD Relative Percent Deviation
RRT Relative Retention Time

SPK Val Spike Value

SPKRef Val Spike Reference Value

SPLP Synthetic Precipitation Leachate Procedure

ST Sorbent Tube

TCLP Toxicity Characteristic Leachate Procedure

TEQ Toxicity Equivalents

TZA TimeZone Net Adjustment for sample collected outside of MAI's UTC.

WET (STLC) Waste Extraction Test (Soluble Threshold Limit Concentration)

Glossary of Terms & Qualifier Definitions

Client: Oakland Unified School District

Project: McClymonds Drinking Water-Kitchen

WorkOrder: 1901664

Analytical Qualifiers

J Result is less than the RL/ML but greater than the MDL. The reported concentration is an estimated value.

Analytical Report

Client: Oakland Unified School District

Date Received: 1/15/19 16:15

Date Prepared: 1/17/19

Project: McClymonds Drinking Water-Kitchen

WorkOrder: 1901664

Extraction Method: E200.8

Analytical Method: E200.8

Unit: $\mu g/L$

т	
и	tau

Client ID	Lab ID	Matrix		Date Co	llected	Instrument	Batch ID
011519-11/Faucet A-Kitchen	1901664-001A	Water		01/15/201	9 07:04	ICP-MS3 074SMPL.D	171625
<u>Analytes</u>	Result	Qualifiers	MDL	<u>RL</u>	<u>DF</u>		Date Analyzed
Lead	0.12	J	0.010	0.50	1		01/17/2019 15:12

Analyst(s): MIG

Client ID	Lab ID	Matrix	Date	Collected	Instrument	Batch ID
011519-12/Faucet B-Kitchen	1901664-002A	Water	01/15/	/2019 07:06	ICP-MS3 075SMPL.D	171625
<u>Analytes</u>	Result	Qualifiers MI	DL RL	<u>DF</u>		Date Analyzed
Lead	0.079	J 0.0	010 0.50	0 1		01/17/2019 15:18

Analyst(s): MIG

Clie	nt ID	Lab ID	Matrix		Date Coll	ected	Instrument	Batch ID
0115	i19-13/Faucet C-Kitchen	1901664-003A	Water		01/15/2019	07:07	ICP-MS3 076SMPL.D	171625
Anal	<u>ytes</u>	Result	Qualifiers	MDL	<u>RL</u>	<u>DF</u>		Date Analyzed
Lea	d	0.010	J	0.010	0.50	1		01/17/2019 15:24

Analyst(s): MIG

Client ID	Lab ID	Matrix		Date Col	llected	Instrument	Batch ID
011519-14/Faucet D-Kitchen	1901664-004A	Water		01/15/201	9 07:08	ICP-MS3 077SMPL.D	171625
<u>Analytes</u>	Result	Qualifiers	MDL	<u>RL</u>	<u>DF</u>		Date Analyzed
Lead	0.32	J	0.010	0.50	1		01/17/2019 15:31

Analyst(s): MIG

(Cont.)

Analytical Report

Client: Oakland Unified School District

Date Received: 1/15/19 16:15

Date Prepared: 1/17/19

Project: McClymonds Drinking Water-Kitchen

WorkOrder: 1901664

Extraction Method: E200.8

Analytical Method: E200.8

Unit: $\mu g/L$

Lead

Client ID	Lab ID	Matrix		Date Co	llected	Instrument	Batch ID
011519-15/Faucet F-Kitchen	1901664-005A	Water		01/15/201	9 07:08	ICP-MS3 078SMPL.D	171625
Analytes	Result	Qualifiers	MDL	<u>RL</u>	<u>DF</u>		Date Analyzed
Lead	0.36	J	0.010	0.50	1		01/17/2019 15:37

Analyst(s): MIG

Drinking Water

Matrix:

1534 Willow Pass Road, Pittsburg, CA 94565-1701 Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269 http://www.mccampbell.com / E-mail: main@mccampbell.com

μg/L

Quality Control Report

Unit:

Client:Oakland Unified School DistrictWorkOrder:1901664Date Prepared:1/17/19BatchID:171625Date Analyzed:1/17/19Extraction Method:E200.8Instrument:ICP-MS2Analytical Method:E200.8

Project: McClymonds Drinking Water-Kitchen Sample ID: MB/LCS/LCSD-171625

QC Summary Report for Metals							
Analyte	MB Result	MDL	RL				
Lead	ND	0.010	0.50	-	-	-	

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Lead	47	47	50	93	93	80-120	0	20

FAX:

1534 Willow Pass Rd Pittsburg, CA 94565-1701 (925) 252-9262

(415) 632-0350

CHAIN-OF-CUSTODY RECORD

Page 1	of	1
--------	----	---

J-flag

☐ ThirdParty

7	WorkOrder:	1901664	ClientCode:	OUSE
,	WorkOrder:	1901664	ClientCode:	OUSI

Excel EQuIS Email HardCopy

Detection Summary Dry-Weight

Report to: Bill to: Requested TAT: 2 days;

□ EDF

Sorbor Twegbe Email: sorbor.twegbe@ousd.org Sorbor Twegbe

☐ WriteOn

□WaterTrax

Oakland Unified School District cc/3rd Party: Oakland Unified School District

955 High Street PO: PO19-00032 955 High Street Date Received: 01/15/2019
Oakland, CA 94601 Project: McClymonds Drinking Water-Kitchen Oakland, CA 94601 Date Logged: 01/15/2019

sorbor.twegbe@ousd.org

					Requested Tests (See legend below)											
Lab ID	Client ID	Matrix	Collection Date	Hold	1	2	3	4	5	6	7	8	9	10	11	12
1901664-001	011519-11/Faucet A-Kitchen	Water	1/15/2019 07:04		Α											
1901664-002	011519-12/Faucet B-Kitchen	Water	1/15/2019 07:06		Α											
1901664-003	011519-13/Faucet C-Kitchen	Water	1/15/2019 07:07		Α											
1901664-004	011519-14/Faucet D-Kitchen	Water	1/15/2019 07:08		Α											
1901664-005	011519-15/Faucet F-Kitchen	Water	1/15/2019 07:08		Α											

Test Legend:

1	PBMS_DW	2	3	4
5		6	7	8
9		10	11	12

Prepared by: Kena Ponce

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).

Hazardous samples will be returned to client or disposed of at client expense.



"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701 Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269 http://www.mccampbell.com / E-mail: main@mccampbell.com

WORK ORDER SUMMARY

Client Name: OAKLAND UNIFIED SCHOOL DISTRICT Project: McClymonds Drinking Water-Kitchen Work Order: 1901664

Client Contact: Sorbor Twegbe

QC Level: LEVEL 2

Contact's Email: sorbor.twegbe@ousd.org Comments: Date Logged: 1/15/2019

	☐ Water	Trax [WriteOn	EDF	Excel	EQuIS Email	HardC	opyThirdPart	у 🗸	J-flag	
Lab ID	Client ID	Matrix	Test Name		Containers /Composites	Bottle & Preservative	De- chlorinated	Collection Date & Time	TAT	Sediment Content	Hold SubOut
1901664-001A	011519-11/Faucet A-Kitchen	Water	E200.8 (Lead)		1	250mL HDPE, unprsv.		1/15/2019 7:04	2 days	None	
1901664-002A	011519-12/Faucet B-Kitchen	Water	E200.8 (Lead)		1	250mL HDPE, unprsv.		1/15/2019 7:06	2 days	None	
1901664-003A	011519-13/Faucet C-Kitchen	Water	E200.8 (Lead)		1	250mL HDPE, unprsv.		1/15/2019 7:07	2 days	None	
1901664-004A	011519-14/Faucet D-Kitchen	Water	E200.8 (Lead)		1	250mL HDPE, unprsv.		1/15/2019 7:08	2 days	None	
1901664-005A	011519-15/Faucet F-Kitchen	Water	E200.8 (Lead)		1	250mL HDPE, unprsv.		1/15/2019 7:08	2 days	None	

NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

MAI Work Order #

1 1 1	1.1.1
On / I	(ole4
1101	441

					A Section 1			CIRC	A SHATES	4250														
McCAMP	BELL	ANAI	\mathbf{Y}	TICAL	, INC.			U			C	HA	N O	F CU	JSTC	DDY	REC	COR	D					
1534 Willow Pass Rd. Pittsburg, Ca. 94565-1701							Arou	ınd Tin	ne:1 Da	y Rush	ı	2 Day	Day Rush 3 Day Rus		Rush	h STD Q		Qu	Quote #					
Telephone: (877) 252-9262 / Fax: (925) 252-9269					J-Flag / MDL			Cleanup Approved					Bottle Order			der#	r #							
www.mccampbell.com main@mccampbell.com				Delivery Format: PDF GeoTrack			Tracke	racker EDF EDD			Wr	Write On (DW)			F	EQuIS								
Report To: Sorbor Twegbe		Bill To:	Sorbor	Twegbe									Aı	nalys	is Re	quest	ed							
Company: Oakland Unified School Distri	ct					MTBE		ᆈ	out											als			1	
Email: sorbor.twegbe@ousd.org						(S) MJ	_	Wit	With	Hydrocarbons - Oil & 071) With Silica Gel	418.1	ŝ	only			NAs)				l met				
Alt Email:		Tele:	415-63	32-0350	K) (5)	801	io io	or Oi	011)	ons -	ons (ticid	clors	<u>જ</u>)Cs)	4s / P	*(0;			solve	8(Lead)			
Project Name: McClymond's Drinking Wat	er - Kitchen	Project #:				8021	Mot	Mot	64/5	carb	carb	1 Pes	; Arc	S	(SV	(PAI	/ 602		s	r dis	[E.		- 1	
Project Location: 2607 Myrtle Street, Oakla	ind-CA 94607	PO #				Gas (8021/8015)	15)+	15)+	e (16	lydro 71) W	lydro	81 (C	CB's	8260	8270	8310	200.8	(07)	men	ole fo	<u>∞</u>			
Sampler Signature:	1					H as	1 (80	a Ge	Greas	1 mm	lum P	8 / 80	82 P	624 /	625 /	IM.	tals (8 / 60	quire	sami	200.		- 1	
SAMPLEID	Sam	pling	#Containers	Matrix	Preservative	втех & трн аѕ	PPH as Diesel (8015) + Motor Oil	Without Silica Gel TPH as Diesel (8015) + Motor Oil With	Total Oil & Grease (1664/9071) Without Silica Gel Total Petroleum Hydrocarbons - Oil & Grease (1664/9071) With Silica Gel Total Petroleum Hydrocarbons (418.1) With Silica Gal	Petrole Silica G	EPA 505/ 608 / 8081 (Cl Pesticides)	EPA 608 / 8082 PCB's ; Aroclors only	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.8 / 6020)*	Metals (200.8 / 6020)	Baylands Requirements	Lab to filter sample for dissolved metals analysis	PA 2				
Location / Field Point	Date	Time	#Con	Within	,	BTE	TPH	With TPH 2	Total Oil	Total	Total With	EPA	EPA	EPA	EPA	EPA	CAM	Meta	Bayl	Lab analy	山			
011519-11 / Faucet A - Kitchen	01-15-19	07:04am	1	DW	7																•			
011519-12 / Faucet B - Kitchen	01-15-19	07:06am	1	DW	7																•			
011519-13 / Faucet C - Kitchen	01-15-19	07:07am	1	DW	7		J		a											7	•			
011519-14 / Faucet D - Kitchen	01-15-19	07:08am	1	DW	7	1															•			
011519-15 / Faucet F - Kitchen	01-15-19	07:08am	1	DW	7	1														_				
	· 100		-			14																		
				- 184																				
																				<u> </u>				
	B(1.5)		. =																					
MAI clients MUST disclose any dangerous chemica Non-disclosure incurs an immediate \$250 surcharge	s known to be	present in their	submit legal li	ted samples in clability for harm	oncentrations th suffered. Thank	at may	cause or you	e immed ir under	liate hai standing	m or sea	rious fur allowin	ure hea ig us to	lth enda work s	angerm afely.	ent as a	result	of brief,	, gloved	, open	air, san	ple han	dling by	y MAI :	staff.
* If metals are requested for water samples and						_													С	omme	nts / Ins	structio	ons	
Please provide an adequate volume of sample.	If the volume	is not sufficie	nt for	a MS/MSD a I	LCS/LCSD wi	ll be p	repar	ed in it	s place	and no	ted in	he rep	ort.			,		1						
Relinquished By / Compan	y Name		I		ime		Re	ceived	By / C	ompany	y Name	12		E	ate	-	ime	1						
TARRE			_	1.1	24am	A.		1	/			UR	P	11/	5/19	13	50							
7	(AP	Vis	-119 16	15	1	1	Y	1	<u> </u>	/			1 (1	SIL	Ilu	15							
Matrix Code: DW=Drinking Water, C	W=Groun	d Water. W	W=V	Vaste Water	r, SW=Seav	vater	, S=	Soil, S	SL=S	udge,	A=A	ir, W	P=Wi	pe, C	=Oth	er		٨	1.					
Preservative Code: 1=4°C 2=HCl	3=H ₂ SO ₄	4=HNO ₃	5=N	aOH 6=Z	nOAc/NaO	Н 7	7=N	one									Temp	1	DE	°C	Ini	tials		
																				_				

Oakland Unified School District

Client Name:

1534 Willow Pass Road, Pittsburg, CA 94565-1701 Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269 http://www.mccampbell.com / E-mail: main@mccampbell.com

Date and Time Received 1/15/2019 16:15

Sample Receipt Checklist

Project:	McClymonds Drinking Water-Kitchen			Date Logged: Received by:	1/15/2019 Kena Ponce	
WorkOrder №: Carrier:	1901664 Matrix: Water Lorenzo Perez (MAI Courier)			Logged by:	Kena Ponce	
	Chain of	f Custody	(COC)	<u>Information</u>		
Chain of custody	present?	Yes	•	No 🗆		
Chain of custody	signed when relinquished and received?	Yes	•	No 🗆		
Chain of custody	agrees with sample labels?	Yes	•	No 🗌		
Sample IDs note	ed by Client on COC?	Yes	•	No 🗌		
Date and Time o	of collection noted by Client on COC?	Yes	✓	No 🗌		
Sampler's name	noted on COC?	Yes	✓	No 🗌		
COC agrees with	n Quote?	Yes		No 🗆	NA 🗸	
	Sam	nple Rece	ipt Info	rmation		
Custody seals in	tact on shipping container/cooler?	Yes		No 🗌	NA 🗸	
Shipping contain	er/cooler in good condition?	Yes	✓	No 🗌		
Samples in prop	er containers/bottles?	Yes	✓	No 🗌		
Sample containe	ers intact?	Yes	✓	No 🗌		
Sufficient sample	e volume for indicated test?	Yes	✓	No 🗌		
	Sample Preserva	ation and	Hold Ti	me (HT) Information		
All samples rece	ived within holding time?	Yes	✓	No 🗆	NA \square	
Samples Receive	ed on Ice?	Yes	✓	No 🗌		
	(Ice Ty	ype: WE	TICE)	_	
Sample/Temp Bl	lank temperature		Temp	: 3.6°C	NA 🗌	
Water - VOA via	Is have zero headspace / no bubbles?	Yes		No 🗌	NA 🗸	
Sample labels ch	necked for correct preservation?	Yes	✓	No 🗌		
pH acceptable u <2; 522: <4; 218	pon receipt (Metal: <2; Nitrate 353.2/4500NO3: .7: >8)?	Yes		No 🗹	na 🗆	
UCMR Samples:	<u>.</u>					
	acceptable upon receipt (200.8: ≤2; 525.3: ≤4; <3; 544: <6.5 & 7.5)?	Yes		No 🗌	NA 🗹	
Free Chlorine	tested and acceptable upon receipt (<0.1mg/L)?	Yes		No 🗌	NA 🗹	
Comments: pl		====		=======	=======	



"When Quality Counts"

Analytical Report

WorkOrder: 1901736

Report Created for: Oakland Unified School District

955 High Street Oakland, CA 94601

Project Contact: Sorbor Twegbe **Project P.O.:** PO19-00032

Project: McClymond's Drinking Water-Building A, B, & H

Project Received: 01/16/2019

Analytical Report reviewed & approved for release on 01/18/2019 by:

Yen Cao

Project Manager

The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested. Results reported conform to the most current NELAP standards, where applicable, unless otherwise stated in the case narrative.



1534 Willow Pass Rd. Pittsburg, CA 94565 ♦ TEL: (877) 252-9262 ♦ FAX: (925) 252-9269 ♦ www.mccampbell.com

Glossary of Terms & Qualifier Definitions

Client: Oakland Unified School District

Project: McClymond's Drinking Water-Building A, B, & H

WorkOrder: 1901736

Glossary Abbreviation

%D Serial Dilution Percent Difference

95% Interval 95% Confident Interval

DF Dilution Factor

DI WET (DISTLC) Waste Extraction Test using DI water

DISS Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)

DLT Dilution Test (Serial Dilution)

DUP Duplicate

EDL Estimated Detection Limit

ERS External reference sample. Second source calibration verification.

ITEF International Toxicity Equivalence Factor

LCS Laboratory Control Sample

MB Method Blank

MB % Rec % Recovery of Surrogate in Method Blank, if applicable

MDL Method Detection Limit

ML Minimum Level of Quantitation

MS Matrix Spike

MSD Matrix Spike Duplicate

N/A Not Applicable

ND Not detected at or above the indicated MDL or RL

NR Data Not Reported due to matrix interference or insufficient sample amount.

PDS Post Digestion Spike

PDSD Post Digestion Spike Duplicate

PF Prep Factor

RD Relative Difference

RL Reporting Limit (The RL is the lowest calibration standard in a multipoint calibration.)

RPD Relative Percent Deviation
RRT Relative Retention Time

SPK Val Spike Value

SPKRef Val Spike Reference Value

SPLP Synthetic Precipitation Leachate Procedure

ST Sorbent Tube

TCLP Toxicity Characteristic Leachate Procedure

TEQ Toxicity Equivalents

TZA TimeZone Net Adjustment for sample collected outside of MAI's UTC.

WET (STLC) Waste Extraction Test (Soluble Threshold Limit Concentration)

Glossary of Terms & Qualifier Definitions

Client: Oakland Unified School District

Project: McClymond's Drinking Water-Building A, B, & H

WorkOrder: 1901736

Analytical Qualifiers

J Result is less than the RL/ML but greater than the MDL. The reported concentration is an estimated value.

Analytical Report

Client: Oakland Unified School District

Date Received: 1/16/19 15:45 **Date Prepared:** 1/17/19

Project: McClymond's Drinking Water-Building A, B, & H

WorkOrder: 1901736

Extraction Method: E200.8

Analytical Method: E200.8

Unit: $\mu g/L$

Lead

Client ID	Lab ID	Matrix	Date (Collected	Instrument	Batch ID		
011619-1/Drinking Fountain - Hallway, adjace	1901736-001A	A Water 0		2019 05:06	ICP-MS1 074SMPL.D	171631		
Analytes	Result	<u>MDI</u>	. <u>RL</u>	<u>DF</u>		Date Analyzed		
Lead	5.0	0.01	0.50	1		01/17/2019 16:37		

Analyst(s): MIG

Quality Control Report

Client: Oakland Unified School District WorkOrder: 1901736 **Date Prepared:** 1/17/19 **BatchID:** 171631 **Date Analyzed:** 1/17/19 **Extraction Method:** E200.8 **Instrument:** ICP-MS1 **Analytical Method:** E200.8 **Matrix: Drinking Water Unit:** μg/L

Project: McClymond's Drinking Water-Building A, B, & H Sample ID: MB/LCS/LCSD-171631

QC Summary Report for Metals											
Analyte	MB Result	MDL	RL								
Lead	0.011,J	0.010	0.50	-	-	-					

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Lead	48	48	50	95	95	80-120	0	20

FAX:

CHAIN-OF-CUSTODY RECORD

☐ HardCopy

Page 1 of	•
-----------	---

☐ ThirdParty

J-flag

01/16/2019

1534 Willow Pass Rd Pittsburg, CA 94565-1701 (925) 252-9262

(415) 632-0350

WorkOrder: 1901736 ClientCode: OUSD □WaterTrax ☐ WriteOn □ EDF Excel **EQuIS** □ Email

> ☐ Detection Summary Dry-Weight

Report to: Bill to: Requested TAT: 2 days:

Sorbor Tweabe Sorbor Twegbe Email: sorbor.twegbe@ousd.org

cc/3rd Party: Oakland Unified School District Oakland Unified School District Date Received: PO: 955 High Street PO19-00032 955 High Street

Project: Date Logged: Oakland, CA 94601 McClymond's Drinking Water-Building A, Oakland, CA 94601 01/16/2019

> B, & H sorbor.twegbe@ousd.org

				Requested Tests (See legend below)											
Lab ID	Client ID	Matrix	Collection Date Hold	1	2	3	4	5	6	7	8	9	10	11	12
1901736-001	011619-1/Drinking Fountain - Hallway, adjace	Water	1/16/2019 05:06	Α											

Test Legend:

1 PBMS_TTLC	_W 2	3	4	
5	6	7	8	
9	10	11	12	

Prepared by: Nancy Palacios

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days). Hazardous samples will be returned to client or disposed of at client expense.



"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701 Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269 http://www.mccampbell.com / E-mail: main@mccampbell.com

WORK ORDER SUMMARY

Client Name:	OAKLAND UNIFIED SCHOOL DISTRICT	Project:	McClymond's Drinking Water	er-Building A, B, & H	Work Order: 190173
--------------	---------------------------------	----------	----------------------------	-----------------------	--------------------

Client Contact: Sorbor Twegbe

Contact: Sorbor Twegbe

Contact: Fig. 31 and an example Contact and a second are second as a se

Contact's Email: sorbor.twegbe@ousd.org Comments: Date Logged: 1/16/2019

		WaterTrax	WriteOn	EDF Excel	E	QuIS Email	HardCo	opy ThirdPart	/	J-flag	
Lab ID	Client ID	Matrix	Test Name		tainers 1	Bottle & Preservative	De- chlorinated	Collection Date & Time	TAT	Sediment Content	Hold SubOut
1901736-001A	011619-1/Drinking Fountain - Hallway, ac	Water	E200.8 (Lead) (Tot	al)	1	250mL HDPE, unprsv.		1/16/2019 5:06	2 days	None	

NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.



/	9	E)/	7	3	6	

McCAMP	BELL	ANAI	\mathbf{Y}	ΓICAL.	, INC.						C	HAI	N O	F CU	JSTC	DDY	RE	COR	D					
		Rd. Pittsburg				Turn	Aroun	d Time	e:1 Day	/ Rush		2 Day	Rush	•	3 Day	Rush		STD		Que	ote#			
Telepho	ne: (877) 2:	52-9262 / Fa	x: (92	25) 252-9269			J-Flag	/ MDL		ESL			Cleanup Approved				Bottle Order #							
www.mccampb	27 27.00			nccampbell.	com	Deliv	very Fo	rmat:	PDF		Geo	Tracke	r EDF	OF EDD			Wr	ite On	(DW)		E	QuIS		
Report To: Sorbor Twegbe		Bill To:	Sorbo	r Twegbe					100	-			Aı	nalysi	s Red	quest	ed							
Company: Oakland Unified School Distri	ct			-		BE		l el	lit lit											slı				
Email: sorbor.twegbe@ousd.org						IM (ĭ.	With	Sel S	118.1	s)	only			(SAS)				mets				
Alt Email:		Tele:	415-6	32-0350		8015	r Oil	i	071)	ons -	y suc	icide	clors	(§	(Cs)	s / Pi	*(olved	ad)			
Project Name: McClymond's Drinking Water-Building A, B, & H Project #:				3021/	Moto	Moto	64/9	carb ith Si	carb	l Pest	Aro	(voc	(SVO	(PAH	/ 602		s	disse	200.8(Lead)					
Project Location: 2607 Myrtle Street, Oakland CA 94607 PO #					sas (8	+ (2)	+ (2)	e (16	ydro 1) W	ydro) I	B's	3260	3270	310 (8.00	<u>(</u>	ment	le for	8(
Sampler Signature: A Bulance					l as (1 (80)	[08]	reas	/ 907	e m	/ 808	82 PC	24 / 8	25 / 8	8 / W	als (2	/ 602	luire	amp	00				
				& TPF	Diese	Diese	ie G	etrolei (1664	etrole	92/ 608	08 / 80	4.2 / 6	5.2 / 6	270 SI	7 Met	(200.8	ds Rec	filter s	4 2					
Location / Field Point	Date	Time	#Containers	Matrix	Preservative	BTEX & TPH as Gas (8021/8015) MTBE	TPH as Diesel (8015) + Motor Oil Without Silica Gel	TPH as Diesel (8015) + Motor Oil With Silca Gel	Total Oil & Grease (1664 / 9071) Without Silica Gel	Total Petroleum Hydrocarbons - Oil & Grease (1664 / 9071) With Silica Gel	Total Petroleum Hydrocarbons (418.1) With Silica Gel	EPA 505/ 608 / 8081 (Cl Pesticides)	EPA 608 / 8082 PCB's ; Aroclors only	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.8 / 6020)*	Metals (200.8 / 6020)	Baylands Requirements	Lab to filter sample for dissolved metals analysis	EPA			
011619-1 / Drinking Fountain - Hallway, adjacent to Room 224	01-16-19	05:06am	1	DW	7																•			
											\vdash													
							T			\vdash														
						7																		
						Y																		
MAI clients MUST disclose any dangerous chemical Non-disclosure incurs an immediate \$250 surcharge	s known to be and the client i	present in their s subject to full	submit legal li	ted samples in co	oncentrations that suffered. Thank	nt may	cause i	mmedia underst	ite harm	or seri	ious fut allowin	ure hea	th enda	ingerme afely.	ent as a	result o	of brief.	gloved	, open	air, sam	ple han	dling by	y MAI s	staff.
* If metals are requested for water samples and																		77	C	ommer	its / Ins	tructio	ons	1
Please provide an adequate volume of sample. I	f the volume	is not sufficie	nt for	a MS/MSD a L	CS/LCSD will	be p	THE RESERVE						ort.					TV	10	ommer AN	rist	ai	VI L	ac
Relinquished By / Company	y Name		-	1	ime		Rece	eived E	y / Coi	mpany	Name			D:	ate	Ti	me	-						
The week	* / *			0/19/101				15	1					1//6	119	101	7	-						
17 4	AP		4K	19 15	15 NO	M	<u>uj</u>	Ph	M	W)			1.16	19	150	15	-						
Matrix Code: DW=Drinking Water, G	W-Crown	d Water W	W-V	Vacta Water	SW=Seau	ater	V=2	oil Si	=\$10	dae	$\Delta = \Delta$	r WI	P=Wi	ne O	=Oth	er.		1						
Preservative Code: 1=4°C 2=HCl									J-310	uge,	/_/\	1, W	VV 1	pc, O	Out		Гетр			°C	Init	tials		
1 to be the state of the state	- 112004					74	07.01076	on.5%		E	2	Γ.	7	_						-1		9		

Oakland Unified School District

Client Name:

1534 Willow Pass Road, Pittsburg, CA 94565-1701 Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269 http://www.mccampbell.com / E-mail: main@mccampbell.com

Date and Time Received

1/16/2019 15:45

Sample Receipt Checklist

Project:	Drinking Water-Building A, B, & I	Н		Date Logged:	1/16/2019	
WorkOrder №:	1901736	Matrix: Water			Received by: Logged by:	Nancy Palacios
Carrier:	Lorenzo Perez				Logged by.	Nancy Palacios
		Chain of 0	Custody	y (COC)	<u>Information</u>	
Chain of custody	y present?		Yes	✓	No 🗆	
Chain of custody	y signed when re	linquished and received?	Yes	✓	No 🗌	
Chain of custody	y agrees with sar	mple labels?	Yes	✓	No 🗌	
Sample IDs note	ed by Client on C	OC?	Yes	✓	No 🗌	
Date and Time of	of collection note	d by Client on COC?	Yes	✓	No 🗌	
Sampler's name	noted on COC?		Yes	✓	No 🗆	
COC agrees with	h Quote?		Yes		No 🗌	NA 🗹
		Samp	le Rece	eipt Info	rmation	
Custody seals in	ntact on shipping	container/cooler?	Yes		No 🗌	NA 🗹
Shipping contain	ner/cooler in good	d condition?	Yes	✓	No 🗌	
Samples in prop	er containers/bo	ttles?	Yes	✓	No 🗌	
Sample containe	ers intact?		Yes	✓	No 🗆	
Sufficient sampl	e volume for indi	cated test?	Yes	•	No 🗌	
		Sample Preservati	ion and	Hold Ti	me (HT) Information	
All samples rece	eived within holdi	ng time?	Yes	✓	No 🗆	NA 🗌
Samples Receiv	ed on Ice?		Yes	✓	No 🗌	
		(Ice Typ	e: WE	TICE)	
Sample/Temp B	lank temperature	•		Temp	: 5.8°C	na 🗆
Water - VOA via	als have zero hea	dspace / no bubbles?	Yes	✓	No 🗌	NA 🗌
Sample labels c	hecked for corre	ct preservation?	Yes	✓	No 🗌	
pH acceptable u <2; 522: <4; 218		al: <2; Nitrate 353.2/4500NO3:	Yes		No 🗹	NA 🗆
UCMR Samples	<u>:</u>					
	acceptable upor <3; 544: <6.5 & 7	n receipt (200.8: ≤2; 525.3: ≤4; 7.5)?	Yes		No 🗌	NA 🗹
Free Chlorine	tested and accep	otable upon receipt (<0.1mg/L)?	Yes		No 🗌	NA 🗹
=====	=====				======	
Comments: p	H adjusted in Lal	b.				



"When Quality Counts"

Analytical Report

WorkOrder: 1903310

Report Created for: Oakland Unified School District

955 High Street Oakland, CA 94601

Project Contact: Sorbor Twegbe **Project P.O.:** PO19-00032

Project: McClymond's Drinking Water- Room 108 and Yard

Retest

Project Received: 03/06/2019

Analytical Report reviewed & approved for release on 03/08/2019 by:

Yen Cao

Project Manager

The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested. Results reported conform to the most current NELAP standards, where applicable, unless otherwise stated in the case narrative.



1534 Willow Pass Rd. Pittsburg, CA 94565 ♦ TEL: (877) 252-9262 ♦ FAX: (925) 252-9269 ♦ www.mccampbell.com

Glossary of Terms & Qualifier Definitions

Client: Oakland Unified School District

Project: McClymond's Drinking Water- Room 108 and Yard Retest

WorkOrder: 1903310

Glossary Abbreviation

%D Serial Dilution Percent Difference

95% Interval 95% Confident Interval

DF Dilution Factor

DI WET (DISTLC) Waste Extraction Test using DI water

DISS Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)

DLT Dilution Test (Serial Dilution)

DUP Duplicate

EDL Estimated Detection Limit

ERS External reference sample. Second source calibration verification.

ITEF International Toxicity Equivalence Factor

LCS Laboratory Control Sample

MB Method Blank

MB % Rec % Recovery of Surrogate in Method Blank, if applicable

MDL Method Detection Limit

ML Minimum Level of Quantitation

MS Matrix Spike

MSD Matrix Spike Duplicate

N/A Not Applicable

ND Not detected at or above the indicated MDL or RL

NR Data Not Reported due to matrix interference or insufficient sample amount.

PDS Post Digestion Spike

PDSD Post Digestion Spike Duplicate

PF Prep Factor

RD Relative Difference

RL Reporting Limit (The RL is the lowest calibration standard in a multipoint calibration.)

RPD Relative Percent Deviation
RRT Relative Retention Time

SPK Val Spike Value

SPKRef Val Spike Reference Value

SPLP Synthetic Precipitation Leachate Procedure

ST Sorbent Tube

TCLP Toxicity Characteristic Leachate Procedure

TEQ Toxicity Equivalents

TZA TimeZone Net Adjustment for sample collected outside of MAI's UTC.

WET (STLC) Waste Extraction Test (Soluble Threshold Limit Concentration)

Analytical Report

Client: Oakland Unified School District

Date Received: 3/6/19 16:15

Date Prepared: 3/7/19

Project: McClymond's Drinking Water- Room 108 and Yard

Retest

WorkOrder: 1903310

Extraction Method: E200.8

 $\begin{tabular}{lll} \textbf{Analytical Method:} & E200.8 \\ \textbf{Unit:} & \mu g/L \\ \end{tabular}$

Lead

Client ID	Lab ID	Matrix		Date Co	ollected	Instrument	Batch ID
030619-1/Drinking Fountain 1- Yard, adjacent	1903310-001A	Water		03/06/20	19 06:44	ICP-MS1 021SMPL.D	174212
<u>Analytes</u>	Result		MDL	<u>RL</u>	<u>DF</u>		Date Analyzed
Lead	22		0.010	0.50	1		03/07/2019 17:42

Analyst(s): MIG

Client ID	Lab ID	Matrix	Date (Collected	Instrument	Batch ID
030619-2/ Faucet- Room 108 Sink	1903310-002A	Water	03/06/2	019 06:49	ICP-MS1 024SMPL.D	174212
<u>Analytes</u>	Result	MDL	<u>RL</u>	<u>DF</u>		Date Analyzed
Lead	1.4	0.01	0 0.50	1		03/07/2019 17:56

Analyst(s): MIG

Quality Control Report

Client: Oakland Unified School District WorkOrder: 1903310 **Date Prepared:** 3/7/19 **BatchID:** 174212 **Date Analyzed:** 3/7/19 **Extraction Method:** E200.8 **Analytical Method:** E200.8 **Instrument:** ICP-MS1 **Matrix: Drinking Water Unit:** $\mu g/L$

Project: McClymond's Drinking Water- Room 108 and Yard

Retest

Sample ID: MB/LCS/LCSD-174212

1903310-001AMS/MSD

QC Summary Report for Metals												
Analyte	MB Result	MDL	RL									
Lead	ND	0.010	0.50	-	-	-						

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Lead	50	50	50	101	100	85-115	0.877	20

Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Lead	1	70	70	50	21.57	98	98	85-115	0	20

FAX:

(925) 252-9262

Report to:

Sorbor Twegbe

(415) 632-0350

1534 Willow Pass Rd Pittsburg, CA 94565-1701

CHAIN-	-UE-CI	IICTNN	V RFCN	RN
VIIAIN.	-UI -U	עטוטט	I IILUU	411

Page 1 of 1

☐ ThirdParty

			WorkOrder	: 1903310	ClientC	ode: OUSD
☐ WaterTrax	WriteOn	EDF	Excel	EQuIS	Email	HardCopy

☐ Detection Summary Dry-Weight

Bill to: Requested TAT: 2 days;

> Sorbor Tweabe Email: sorbor.twegbe@ousd.org

cc/3rd Party: Oakland Unified School District Oakland Unified School District

Date Received: 03/06/2019 955 High Street PO: PO19-00032 955 High Street Project: Date Logged: Oakland, CA 94601 McClymond's Drinking Water- Room 108 Oakland, CA 94601 03/06/2019

and Yard Retest sorbor.twegbe@ousd.org

					Requested Tests (See legend below)											
Lab ID	Client ID	Matrix	Collection Date H	lold 1		2	3	4	5	6	7	8	9	10	11	12
1903310-001	030619-1/Drinking Fountain 1- Yard, adjacent	Water	3/6/2019 06:44	A												
1903310-002	030619-2/ Faucet- Room 108 Sink	Water	3/6/2019 06:49	Α												

Test Legend:

1 PBMS_DW	2	3	4
5	6	7	8
9	10	11	12

Prepared by: Lilly Ortiz

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days). Hazardous samples will be returned to client or disposed of at client expense.



"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701 Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269 http://www.mccampbell.com / E-mail: main@mccampbell.com

WORK ORDER SUMMARY

Client Name: OAKLAND UNIFIED SCHOOL DISTRICT Project: McClymond's Drinking Water- Room 108 and Y	Yard Retest Work Order: 190331
--	--------------------------------

Client Contact: Sorbor Twegbe

QC Level: LEVEL 2

Contact's Email: sorbor.twegbe@ousd.org Comments: Date Logged: 3/6/2019

	Water	Trax	WriteOn	EDF	Excel	EQuIS Email	HardC	opyThirdPart	/	J-flag	
Lab ID	Client ID	Matrix	Test Name		Containers /Composites	Bottle & Preservative	De- chlorinated	Collection Date & Time	TAT	Sediment Content	Hold SubOut
1903310-001A	030619-1/Drinking Fountain 1- Yard, adjacent	Water	E200.8 (Lead)		1	250mL HDPE, unprsv.		3/6/2019 6:44	2 days	None	
1903310-002A	030619-2/ Faucet- Room 108 Sink	Water	E200.8 (Lead)		1	250mL HDPE, unprsv.		3/6/2019 6:49	2 days	None	

NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

General COC					PI		5					MA	Wor	k Or	der#	7	19	10	3	3/0	0		-	
6 _ W McCAMP	BELL	ANAI	\mathbf{Y}	ΓΙCAL	, INC.						C	HAI	N OI	F CU	JSTC	DDY	RE	COR	D					
		Rd. Pittsburg			,	Turn Around Time: 1 Day Rush 2 Day Rush			Rush	•	3 Day	Rush		STD		Que	ote#							
				5) 252-9269			J-Flag	/ MDL	•	ESL		9	Cleanu	р Арр	roved				Bott	le Oro	ler#			
www.mccampb				nccampbell.	com	Deliv	very Fo	rmat:	PDF		Geo	Tracke	EDF		EDD		Write On (DW)		I	EQuIS				
Report To: Sorbor Twegbe	8	Bill To:	Sorbor	Twegbe									An	alys	is Re	quest	ed							
Company: Oakland Unified School Distri	ct				=1	MTBE		ᆈ	ont		(als				
Email: sorbor.twegbe@ousd.org						IW (Wit	With	Oii &	118.1	(\$	only			NAs)				met				
Alt Email:		Tele:	415-63	32-0350		8015	io	r Oi	071)	ons -	ous (·	ricide	clors	(\$2)	Cs)	ls / P	*(0			olved	ad			
Project Name: McClymond's Drinking Water - Room 10	8 and Yard Retes	Project #:				(8021/8015)	Moto	Mote	64/9	carb	carb	l Pesi	; Aro	(VO	(SVC	(РАН	/ 602		yo.	r diss	200.8(Lead)			
Project Location: 2607 Myrtle Street, Oakland CA 94607 PO #							15)+	15)+	e (16	lydro 1) W	lydro	81 (C	CB's	8260	8270	3310	8.00.8	50)	ment	le for	8.			
Sampler Signature: Sober Twe	1 Se					I as Gas	1 (80 a	1 (80	reas	um H / 907	e m	1 80	82 PC	24 /	25/	M/8	als (2	09 / 8	quire	samp	00	1		
SAMPLE ID		pling	#Containers	Matrix	Preservative	κ & TPH	as Diese	TPH as Diesel (8015) + Motor Oil With Silca Gel	Total Oil & Grease (1664 / 9071) Without Silica Gel	Total Petroleum Hydrocarbons - Oil & Grease (1664 / 9071) With Silica Gel	Total Petroleum Hydrocarbons (418.1) With Silica Gel	EPA 505/ 608 / 8081 (CI Pesticides)	EPA 608 / 8082 PCB's ; Aroclors only	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.8 / 6020)*	Metals (200.8 / 6020)	Baylands Requirements	Lab to filter sample for dissolved metals analysis	EPA 2			
Location / Field Point	Date	Time	#Cor			BTEX	TPH	TPH	Total Silica	Total Grea	Total With	EPA	EPA	EPA	EPA	EPA	CAM	Meta	Bayla	Lab to fil analysis	łЭ			
030619-1 /Drinking Fountain 1 - Yard, adjacent to cafeteria	03-06-19	06:44am	1	DW	7																•			
030619-2 / Faucet - Room 108 Sink	03-06-19	06:49am	1	DW	7																•			
0-																								
				<u> </u>		<u> </u>	+																	
		(-		\vdash		+				-										\vdash		
						┡	-	-										-		\vdash		\vdash	-	
																		_		-		\vdash		
								1																
	-	-				╁	-	1	1						\vdash									
				<u> </u>	<u> </u>	<u> </u>	1	1		L			d				f briof	alawad	Lonon	nir com	nla har	dling b	MAL	ctaff
MAI clients MUST disclose any dangerous chemical Non-disclosure incurs an immediate \$250 surcharge	s known to be and the client i	present in their s subject to full	legal li	ability for harm	oncentrations th suffered. Thank	at may c you fe	or your	underst	anding a	or sen	allowin	ure near	work sa	ngerm ifely.	ent as a	resuit (or orier	, groved						нап.
* If metals are requested for water samples and	the water typ	e (Matrix) is r	not spe	cified on the c	hain of custod	y, MA	I will o	default	to meta	als by I	E200.8	3.						1	C	ommer	its / In	structio	ons	
Please provide an adequate volume of sample. l		is not sufficie	_			l be p							rt.					*/	Ph	ae	ju	s te	a i	4
Relinquished By / Compan	y Name		_		ime		Rece	eived B	y / Cor						ate	_	ime	1	a 6					
1 Wall	/ /	0			isans	_		//	1	UB	P			3/6		12:		-						
	P	r	3/6	117 16	15 0	1	de	ky (/	ty				5/61	119	14	15	1						
Matrix Code: DW=Drinking Water, C	W-C	d Water W	/W/-V	Wasta Wata	r SW-Sacr	vater	S=S.	oil CI	=\$1	dae	$\Delta = \Lambda$:	r W/I	=\\/:	ne O	=Oth	er		1						
Preservative Code: 1=4°C 2=HCl									siu	age, I	Al	i, ** I	** 1	ρυ, Ο	Oth	-	Гетр	<u></u>	lec	°C,	Ini	tials		

Oakland Unified School District

Client Name:

1534 Willow Pass Road, Pittsburg, CA 94565-1701 Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269 http://www.mccampbell.com / E-mail: main@mccampbell.com

Date and Time Received: 3/6/2019 16:15

Sample Receipt Checklist

Project:	McClymond's Drinking Water- Room 1	108 and Yard Re	test	Date Logged:	3/6/2019
				Received by:	Lilly Ortiz
WorkOrder №:	1903310 Matrix: <u>Water</u>			Logged by:	Lilly Ortiz
Carrier:	Lorenzo Perez (MAI Courier)				
	<u>0</u>	Chain of Custody	(COC)	<u>Information</u>	
Chain of custody	y present?	Yes	•	No 🗆	
Chain of custody	signed when relinquished and received?	? Yes	•	No 🗆	
Chain of custody	gagrees with sample labels?	Yes	✓	No 🗌	
Sample IDs note	ed by Client on COC?	Yes	✓	No 🗆	
Date and Time of	of collection noted by Client on COC?	Yes	✓	No 🗆	
Sampler's name	noted on COC?	Yes	✓	No 🗆	
COC agrees with	h Quote?	Yes		No 🗆	NA 🗹
		Sample Rece	eipt Info	ormation .	
Custody seals in	ntact on shipping container/cooler?	Yes		No 🗆	NA 🗹
Shipping contain	ner/cooler in good condition?	Yes	✓	No 🗆	
Samples in prop	er containers/bottles?	Yes	✓	No 🗆	
Sample containe	ers intact?	Yes	•	No 🗆	
Sufficient sample	e volume for indicated test?	Yes	✓	No 🗌	
	Sample P	Preservation and	Hold T	ime (HT) Information	
All samples rece	eived within holding time?	Yes	✓	No 🗌	NA 🗆
Samples Receiv	red on Ice?	Yes	✓	No 🗌	
		(Ice Type: WE	TICE)	
Sample/Temp B	lank temperature		Tem	o: 1.6°C	NA 🗌
Water - VOA via	als have zero headspace / no bubbles?	Yes		No 🗌	NA 🗹
Sample labels cl	hecked for correct preservation?	Yes	✓	No 🗌	
pH acceptable u <2; 522: <4; 218	pon receipt (Metal: <2; Nitrate 353.2/450 3.7: >8)?	0NO3: Yes		No 🗸	NA 🗌
UCMR Samples	<u>.</u>				
	acceptable upon receipt (200.8: ≤2; 525. <3; 544: <6.5 & 7.5)?	3: ≤4; Yes		No 🗌	NA 🗹
Free Chlorine	tested and acceptable upon receipt (<0.1	mg/L)? Yes		No 🗌	NA 🗸
					:=====
Comments: pl	H adjusted in Lab.				



"When Quality Counts"

Analytical Report

WorkOrder: 1904606

Report Created for: Oakland Unified School District

955 High Street Oakland, CA 94601

Project Contact: Sorbor Twegbe **Project P.O.:** PO19-00032

Project: McClymond's Drinking Water- Yard Retest

Project Received: 04/11/2019

Analytical Report reviewed & approved for release on 04/15/2019 by:

Jennifer Lagerbom

Project Manager

The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested. Results reported conform to the most current NELAP standards, where applicable, unless otherwise stated in the case narrative.



1534 Willow Pass Rd. Pittsburg, CA 94565 ♦ TEL: (877) 252-9262 ♦ FAX: (925) 252-9269 ♦ www.mccampbell.com

CA ELAP 1644 ♦ NELAP 4033 ORELAP

Glossary of Terms & Qualifier Definitions

Client: Oakland Unified School District

Project: McClymond's Drinking Water- Yard Retest

WorkOrder: 1904606

Glossary Abbreviation

%D Serial Dilution Percent Difference

95% Interval 95% Confident Interval

DF Dilution Factor

DI WET (DISTLC) Waste Extraction Test using DI water

DISS Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)

DLT Dilution Test (Serial Dilution)

DUP Duplicate

EDL Estimated Detection Limit

ERS External reference sample. Second source calibration verification.

ITEF International Toxicity Equivalence Factor

LCS Laboratory Control Sample

MB Method Blank

MB % Rec % Recovery of Surrogate in Method Blank, if applicable

MDL Method Detection Limit

ML Minimum Level of Quantitation

MS Matrix Spike

MSD Matrix Spike Duplicate

N/A Not Applicable

ND Not detected at or above the indicated MDL or RL

NR Data Not Reported due to matrix interference or insufficient sample amount.

PDS Post Digestion Spike

PDSD Post Digestion Spike Duplicate

PF Prep Factor

RD Relative Difference

RL Reporting Limit (The RL is the lowest calibration standard in a multipoint calibration.)

RPD Relative Percent Deviation
RRT Relative Retention Time

SPK Val Spike Value

SPKRef Val Spike Reference Value

SPLP Synthetic Precipitation Leachate Procedure

ST Sorbent Tube

TCLP Toxicity Characteristic Leachate Procedure

TEQ Toxicity Equivalents

TZA TimeZone Net Adjustment for sample collected outside of MAI's UTC.

WET (STLC) Waste Extraction Test (Soluble Threshold Limit Concentration)

 $\mu g/L$

Analytical Report

Client: Oakland Unified School District

Date Received: 4/11/19 16:30

Date Prepared: 4/12/19

Project: McClymond's Drinking Water- Yard Retest

WorkOrder: 1904606

Extraction Method: E200.8

Analytical Method: E200.8

Lead

Unit:

Client ID	Lab ID	Matrix	Date	Collected	Instrument	Batch ID
041119-1/Drinking Fountain 1- Yard, adjacent	1904606-001A	Water	04/11/	2019 06:11	176196	
Analytes	Result	MD	L RL	<u>DF</u>		Date Analyzed
Lead	9.5	0.0	10 0.50) 1		04/12/2019 23:50

Analyst(s): ND

μg/L

Quality Control Report

Client: Oakland Unified School District WorkOrder: 1904606 **Date Prepared:** 4/12/19**BatchID:** 176196 **Date Analyzed:** 4/12/19 **Extraction Method:** E200.8 **Instrument:** ICP-MS2 **Analytical Method:** E200.8 **Matrix: Drinking Water Unit:**

Project: McClymond's Drinking Water- Yard Retest **Sample ID:** MB/LCS/LCSD-176196

QC Summary Report for Metals										
Analyte	MB Result	MDL	RL							
Lead	ND	0.010	0.50	-	-	-				

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Lead	48	49	50	96	98	80-120	1.22	20

FAX:

CHAIN-OF-CUSTODY RECORD

☐ HardCopy

Page	1	of	

☐ ThirdParty

J-flag

1534 Willow Pass Rd Pittsburg, CA 94565-1701 (925) 252-9262

Sorbor Twegbe

(415) 632-0350

WorkOrder: 1904606 ClientCode: OUSD □WaterTrax ☐ WriteOn □ EDF Excel **EQuIS** □ Email

> ☐ Detection Summary Dry-Weight

Report to: Bill to: Requested TAT: 2 days:

Sorbor Tweabe Email: sorbor.twegbe@ousd.org

cc/3rd Party: Oakland Unified School District Oakland Unified School District

Date Received: 04/11/2019 PO: 955 High Street PO19-00032 955 High Street Project: Date Logged: Oakland, CA 94601 McClymond's Drinking Water- Yard Retest Oakland, CA 94601 04/11/2019

sorbor.twegbe@ousd.org

					Requested Tests (See legend below)											
Lab ID	Client ID	Matrix	Collection Date	Hold	1	2	3	4	5	6	7	8	9	10	11	12
1904606-001	041119-1/Drinking Fountain 1- Yard, adjacent	Water	4/11/2019 06:11		Α											

Test Legend:

1 PBMS_DW	2	3	4
5	6	7	8
9	10	11	12

Project Manager: Nicole Hisamoto Prepared by: Lilly Ortiz

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days). Hazardous samples will be returned to client or disposed of at client expense.



"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701 Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269 http://www.mccampbell.com / E-mail: main@mccampbell.com

WORK ORDER SUMMARY

EVEL 2
/11/2019
,

	Wate	erTrax	WriteOn	EDF	Excel	EQuIS Email	HardC	opy I hirdPart	y 🗸	I-flag	
Lab ID	Client ID	Matrix	Test Name		Containers /Composites	Bottle & Preservative	De- chlorinated	Collection Date & Time	TAT	Sediment Content	Hold SubOut
1904606-001A	041119-1/Drinking Fountain 1- Yard, adjacent	Water	E200.8 (Lead)		1	250mL HDPE, unprsv.		4/11/2019 6:11	2 days	None	

NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

MAI Work Order # 1904606

6 McCAMP	BELL	ANAI	LYI	TICA	INC.						(CHAI	N O	F CU	JST(ODY	REC	COR	D					
		Rd. Pittsburg		ATA-	countries and the second	200	Aroun	d Time	e:1 Dav	y Rush		2 Day	Rush	•	3 Day	Rush		STD		Que	ote#			
		52-9262 / Fa		ALC: N	AND WESTERN WITH	Ester De	25.7	/ MDL	_	ESL		_	Clean		proved			-	Bott	le Oro	ler#			_
www.mccampb	8 (5)				bell.com	_	very Fo		PDF		Geo	Tracke			EDD		Wr	ite On	(DW)		E	QuIS		
Report To: Sorbor Twegbe		Bill To:	Sorbor	Twegbe		\top							A	nalys	is Re	quest	ted							
Company: Oakland Unified School Distri	ict	The second secon				BE			lit lit	I.,										slı				
Email: sorbor.twegbe@ousd.org] F	18	₩ ti	With	Sel Sel	18.1	<u>ه</u> ا	only			(AAs)				meta				
Alt Email:		Tele:	415-63	2-0350		Gas (8021/ 8015) MTBE	ı. E	ı. iii	(170	ons - (ons (4	icide	clors	(s)	(S)	s / Př	*(lved	ad)			
Project Name: McClymond's Drinking Water - Yard Retest Project #:							(8015) + Motor Oil Gel	TPH as Diesel (8015) + Motor Oil With Silea Gel	Fotal Oil & Grease (1664 / 9071) Without Silica Gel	Total Petroleum Hydrocarbons - Oil & Grease (1664 / 9071) With Silica Gel	Total Petroleum Hydrocarbons (418.1) With Silica Gel	EPA 505/ 608 / 8081 (CI Pesticides)	EPA 608 / 8082 PCB's; Aroclors only	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.8 / 6020)*			Lab to filter sample for dissolved metals malysis	200.8(Lead)			
Project Location: 2607 Myrtle Street, Oakla						ias (8	+	+	991)	ydro ()	ydro	[]	B's;	260 (270 (310 (8.00	6	nents	e for	8(
Sampler Signature:						as s	(801 Gel	(80	rease	H mi	E E	/ 808	12 PC	24 / 8	25 / 8	M/8	als (2	/ 602	uire	ampl	00.			
7/1	Sam	npling	lers			BTEX & TPH	TPH as Diesel	Diese	8 -	trolet 1664	Total Petroleun With Silica Gel	809 /	/ 808	.2 / 6	2 / 6	10 SI	Met	Metals (200.8 / 6020)	Baylands Requirements	lter s	E 425 S3(V)			
SAMPLE ID Location / Field Point		1	Dling Lime Matrix Dime Matrix Dime Matrix Dime Matrix Dime Matrix Dime Matrix Dime Dime		TPH as D	Total Oil Silica Gel	al Per	al Per	1 505	809	A 524	1 525	4 82	M 17	tals (/land	Lab to fi	EPA	1					
Location / Field Foint	Date	Time	Û#			EE	TPH	T PI	Tot	G G	Tot	EP,	EP.	EP.	EP.	EP.	CA	Me	Bay	Lal	Ш	\longrightarrow	_	
041119-1 /Drinking Fountain 1 - Yard, adjacent to cafeteria	04-11-19	06:11am	1	DV	V 7																			
						1																		
	-	-				+		+-															\neg	
			_		_	+	-	+	*	-	\vdash	+			-	-		1		-		$\overline{}$	\dashv	_
	ļ					+	-	-		-		├			-	_	-		-	-		\vdash	\dashv	
						\perp				_		_										\square	\rightarrow	_
													1											
							1																	
	-					_				T														
			-			+	+	+	1	+	+	+												
and the second s							1						14 1			16	- Chaire	alauss	lanan	oir som	nla ban	dling b	MALet	off
MAI clients MUST disclose any dangerous chemical Non-disclosure incurs an immediate \$250 surcharge	ls known to be and the client	present in their is subject to full	submitte legal li	ed sample ability for	s in concentrations t harm suffered. That	hat may ik you f	or your	underst	ate narn anding	n or ser	allowi	ture nea	work s	angerm afely.	ent as a	resuit	or orier	, giovec	i, open	air, sain	ipie nan	uning by	IVIALI SI	111.
* If metals are requested for water samples and																			C	ommer	nts / Ins	structio	ns	
Please provide an adequate volume of sample.													ort.					*	Ph	ad	jus	fee!	in le	16.
Relinquished By / Compan	y Name			ate	Time		Rece	eived E	By / Co	mpany	Name	;		_	Date		ime							
Expage 04-11-19 10:56								14	P		/			1119	<u> </u>	00								
	C	AD	4//	1/19	1630	1	u	1/2	/		Ja	iz		411	1119	10	2/0							
				(,			/										4	-2001					
Matrix Code: DW=Drinking Water, C									L=Slı	ıdge,	A=A	ir, W	P=Wi	pe, C)=Oth		т.	بط	}	00	T:	tiala		
Preservative Code: 1=4°C 2=HCl	$3=H_2SO_4$	4=HNO ₃	5=Na	aOH	6=ZnOAc/Na()H	/=No	ne									Temp	<u></u>	an	°C	ını	tials .		_
																		\	W				1 ^	1
																					F	age _	1_of	_

Oakland Unified School District

Client Name:

1534 Willow Pass Road, Pittsburg, CA 94565-1701 Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269 http://www.mccampbell.com / E-mail: main@mccampbell.com

Date and Time Received 4/11/2019 16:30

Sample Receipt Checklist

Project:	McClymond's Drinking Water- Yard Retest			Date Logged:	4/11/2019
				Received by:	Lilly Ortiz
WorkOrder №: Carrier:	1904606 Matrix: Water			Logged by:	Lilly Ortiz
Carrier.	Lorenzo Perez (MAI Courier)				
	<u>Chain of</u>	Custody	(COC)	<u>Information</u>	
Chain of custody	present?	Yes	✓	No 🗆	
Chain of custody	signed when relinquished and received?	Yes	•	No 🗆	
Chain of custody	agrees with sample labels?	•	No 🗌		
Sample IDs note	ed by Client on COC?	Yes	✓	No 🗆	
Date and Time o	of collection noted by Client on COC?	Yes	✓	No 🗆	
Sampler's name	noted on COC?	✓	No 🗆		
COC agrees with	n Quote?	Yes		No 🗆	NA 🗹
	Sam	ple Rece	ipt Info	rmation	
Custody seals in	tact on shipping container/cooler?	Yes		No 🗆	NA 🗹
Shipping contain	er/cooler in good condition?	Yes	•	No 🗌	
Samples in prop	er containers/bottles?	Yes	•	No 🗌	
Sample containe	ers intact?	Yes	•	No 🗆	
Sufficient sample	e volume for indicated test?	Yes	•	No 🗌	
	Sample Preserva	tion and	Hold Ti	me (HT) Information	
All samples rece	ived within holding time?	Yes	✓	No 🗆	NA 🗆
Samples Receive	ed on Ice?	Yes	✓	No 🗌	
	(Ice Ty	pe: WE	TICE)	
Sample/Temp Bl	lank temperature		Temp	: 2.8°C	NA 🗌
Water - VOA via	Is have zero headspace / no bubbles?	Yes		No 🗌	NA 🗹
Sample labels ch	necked for correct preservation?	Yes	✓	No 🗌	
pH acceptable u <2; 522: <4; 218	pon receipt (Metal: <2; Nitrate 353.2/4500NO3: .7: >8)?	Yes		No 🗹	NA 🗌
UCMR Samples:	<u>:</u>				
	acceptable upon receipt (200.8: ≤2; 525.3: ≤4; <3; 544: <6.5 & 7.5)?	Yes		No 🗌	NA 🗹
Free Chlorine	tested and acceptable upon receipt (<0.1mg/L)?	Yes		No 🗌	NA 🗹
				- — — — — — —	
Comments: pl	— — — — — — — — — — — — — — — — — — —			- — — — — — —	