

Engineering + Environmental

December 30, 2016

Jeremy Miller Maintenance Manager Department of Administrative Services Enterprise Asset Management Division 1225 Ferry Street SE Salem, Oregon 97301

Via email: Jeremy.W.MILLER@oregon.gov

Regarding: Drinking Water Sampling for Lead State Library Building 250 Winter Street NE Salem, Oregon 97301 PBS Project # 25103.003 Phase 0028

Dear Mr. Miller:

On October 18 and November 1, 2016, PBS Engineering and Environmental Inc. (PBS) performed drinking water sampling at the State Library building located at 250 Winter Street NE in Salem, Oregon. The testing was requested by State of Oregon Department of Administrative Services in an effort to ensure that concentrations of lead in drinking water remain below the EPA action level.

Sampling methodology and the interpretation of laboratory results were based on the EPA Lead and Copper Rule (LCR). Following LCR sampling guidelines, PBS collected the first 1000 milliliters (mL) of water from each test location (first draw) early in the morning following an overnight stagnation period. The LCR's stagnation period, and sampling protocol specifying the first 1000 mL samples, is designed to maximize the likelihood that the highest concentrations of lead are identified in water used for consumption. At each sample location, immediately following first draw sampling, a flush sample was collected after the water had been allowed to run for 30 seconds.

The water sampling process was supervised by a certified industrial hygienist (CIH) who is also an Oregon Health Authority certified lead risk assessor.

The action level set by the EPA for lead is 15 parts per billion (ppb). If the action level is exceeded in more than 10 percent of taps sampled, then action must be taken to control plumbing-material corrosion.

Twenty-six first draw and flush drinking water samples were collected and delivered under chain of custody to BSK Laboratories in Vancouver, Washington for lead analysis. Initially, only first draw samples were analyzed. Any first draw sample that exceeded the EPA action level for lead had its associated flush sample analyzed.

Concentrations of lead in the first draw samples ranged from none detected to 23 ppb. Laboratory analysis indicates that one drinking water sample contained lead at a concentration above the EPA action level. The associated flush sample taken at the same location fell below the action level at 1.2 ppb. PBS is recommending that this fixture be replaced followed by re-testing.

The following tables present all first draw samples that fell below and exceeded the EPA action level of 15 ppb.

Sample Number	Sample Location	Lead Concentration (ppb)
WF-SLB-003-FD	Water fountain, first floor adjacent to conference room 102 and across from men's and women's bathrooms	4.3
WF-SLB-005-FD	Upper water fountain southwest corner, first floor	ND
WF-SLB-007-FD	Lower water fountain, southwest corner first floor	1.3
SK-SLB-009-FD	Room B-03 basement break room kitchenette sink, southeast corner	2.4
WF-SLB-011-FD	Upper basement water fountain across from room B-03	1.0
WF-SLB-013-FD	Lower basement water fountain across from room B-03	2.1
SK-SLB-015-FD	Room 309 Government Information and Library Services kitchenette, third floor kitchen sink	4.3
WF-SLB-017-FD	Third floor water fountain (upper) between men's/women's bathrooms	ND
WF-SLB-019-FD	Third floor water fountain (lower) between men's/women's bathrooms	ND
WF-SLB-021-FD	Water fountain second floor (single) adjacent to conference room 202	14
WF-SLB-023-FD	Water fountain second floor between men's/women's bathroom (upper)	ND
WF-SLB-025-FD	Water fountain second floor between men's/women's bathroom (lower)	ND

### Lead Concentrations below 15 ppb

ND: None Detected

### Lead Concentrations above 15 ppb and Associated Flush Sample(s)

Sample Location	First Draw Sample Number	First Draw Lead Concentration (ppb)	Flush Draw Sample Number	Flush Draw Lead Concentration (ppb)
Kitchenette first floor TBAB (talking books), kitchen sink	SK-SLB-001-FD	23	SK-SLB-002-FL	1.2

ND: None Detected

For more detail, please refer to the attached chain of custody form and laboratory report.

It should be noted that quality control (QC) sample results are included at the end of the laboratory information. The QC samples are both laboratory blanks and spiked samples used internally by the laboratory to assess accuracy.

Drinking Water Sampling for Lead, Department of Administrative Services State Library Building December 30, 2016 Page 3 of 3

Please feel free to contact me at 503.417.7602 or derek.may@pbsenv.com with any questions or comments.

Sincerely, PBS Engineering and Environmental Inc.

S. Dul they

Derek May, Principal

Attachments: Laboratory Results Chain of Custody Form DM:bmp

The information contained in this document is proprietary and shall not be duplicated, used, or disclosed in whole or in part to other parties without the permission of PBS.



**BSK Associates Fresno** 1414 Stanislaus St Fresno, CA 93706 559-497-2888 (Main)



Derek May **PBS Environmental** 4412 SW Corbett Ave Portland, OR 97239

### RE: Report for A6J2562 Oregon DAS - Lead

Dear Derek May,

Thank you for using BSK Associates for your analytical testing needs. In the following pages, you will find the test results for the samples submitted to our laboratory on 10/20/2016. The results have been approved for release by our Laboratory Director as indicated by the authorizing signature below.

The samples were analyzed for the test(s) indicated on the Chain of Custody (see attached) and the results relate only to the samples analyzed. BSK certifies that the testing was performed in accordance with the quality system requirements specified in the 2009 TNI Standard. Any deviations from this standard or from the method requirements for each test procedure performed will be annotated alongside the analytical result or noted in the Case Narrative. Unless otherwise noted, the sample results are reported on an "as received" basis.

If additional clarification of any information is required, please contact your Project Manager, Debra Karlsson , at 559-497-2888.

Thanks again for using BSK Associates. We value your business and appreciate your loyalty.

Sincerely,

Debra Karlsson, Project Coordinator



Accredited in Accordance with NELAP **ORELAP #4021** 



# A6J2562 Oregon DAS - Lead

# **Case Narrative**

Project and	Report Details		Invoice Details	S
Client:	PBS Environmental		Invoice To:	PBS Environmental
Report To:	Derek May		Invoice Attn:	Accounts Payable
Project #:	State Library Building #2	5103.003 PH 28	Project PO#:	-
Received:	10/20/2016 - 10:00			
Report Due:	11/03/2016			
Sample Red	ceipt Conditions			
	ault Cooler on Receipt °C: 19.6	Containers Intact COC/Labels Agree Received with no thermal Sample(s) split after recei Initial receipt at BSK-VAL	-	
Data Quali	fiers			
The following	g qualifiers have been ap	olied to one or more analytic	al results:	
***None applie	ed***			
Report Dis	tribution			

Recipient(s)	Report Format	CC:
Derek May	FINAL.RPT	beth.powers@pbsenv.com



State Library Building #25103.003 PH 28

# **Certificate of Analysis**

 Sample ID: A6J2562-01
 Sample Date - Time: 10/18/16 - 00:00

 Sampled By:
 Client

 Sample Description: SK-SLB-001-FD // Kitchenette 1st Floor TBAB (Talking Books)
 Matrix: Drinking Water

 kitchen sink
 Sample Type: First Draw

### **BSK Associates Fresno**

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Lead	EPA 200.8	0.023	0.0010	mg/L	1	A614769	10/26/16	10/27/16	



State Library Building #25103.003 PH 28

# **Certificate of Analysis**

Sample ID: A6J2562-02	Sample Date - Time: 10/18/16 - 00:00
Sampled By: Client	Matrix: Drinking Water
Sample Description: SK-SLB-002-FL // Kitchenette 1st Floor TBAB (Talking Books)	Sample Type: First Flush
kitchen sink	

### **BSK Associates Fresno**

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Lead	EPA 200.8	0.0012	0.0010	mg/L	1	A615173	11/03/16	11/03/16	



# A6J2562

**Oregon DAS - Lead** 

State Library Building #25103.003 PH 28

# **Certificate of Analysis**

 Sample ID: A6J2562-03
 Sample Date - Time: 10/18/16 - 00:00

 Sampled By:
 Client

 Sample Description:
 WF-SLB-003-FD // Water fountain 1st Floor adjacent to Conf.

 Room 102 across from men's/women's bathrooms
 Sample Type: First Draw

### **BSK Associates Fresno**

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Lead	EPA 200.8	0.0043	0.0010	mg/L	1	A614769	10/26/16	10/27/16	



State Library Building #25103.003 PH 28

# **Certificate of Analysis**

Sample ID: A6J2562-05 Sampled By: Client Sample Description: WF-SLB-005-FD // Upper water fountain SW corner 1st Floor Sample Date - Time: 10/18/16 - 00:00 Matrix: Drinking Water Sample Type: First Draw

### **BSK Associates Fresno**

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Lead	EPA 200.8	ND	0.0010	mg/L	1	A614769	10/26/16	10/27/16	



State Library Building #25103.003 PH 28

# **Certificate of Analysis**

Sample ID: A6J2562-07 Sampled By: Client Sample Description: WF-SLB-007-FD // Lower water fountain SW corner 1st Floor Sample Date - Time: 10/18/16 - 00:00 Matrix: Drinking Water Sample Type: First Draw

### **BSK Associates Fresno**

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Lead	EPA 200.8	0.0013	0.0010	mg/L	1	A614769	10/26/16	10/27/16	



State Library Building #25103.003 PH 28

# **Certificate of Analysis**

Sample ID: A6J2562-09	Sample Date - Time: 10/18/16 - 00:00
Sampled By: Client	Matrix: Drinking Water
Sample Description: SK-SLB-009-FD // Room B-03 Basement breakroom kitchenette	Sample Type: First Draw
sink SE Corner	

### **BSK Associates Fresno**

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Lead	EPA 200.8	0.0024	0.0010	mg/L	1	A614769	10/26/16	10/27/16	



State Library Building #25103.003 PH 28

# **Certificate of Analysis**

Sample ID: A6J2562-11	Sample Date - Time: 10/18/16 - 00:00
Sampled By: Client	Matrix: Drinking Water
Sample Description: WF-SLB-011-FD // Upper basement water fountain across from	Sample Type: First Draw
Room B-03	

### **BSK Associates Fresno**

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Lead	EPA 200.8	0.0010	0.0010	mg/L	1	A614769	10/26/16	10/27/16	



State Library Building #25103.003 PH 28

# **Certificate of Analysis**

Sample ID: A6J2562-13	Sample Date - Time: 10/18/16 - 00:00
Sampled By: Client	Matrix: Drinking Water
Sample Description: WF-SLB-013-FD // Lower basement water fountain across from	Sample Type: First Draw
Room B-03	

### **BSK Associates Fresno**

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Lead	EPA 200.8	0.0021	0.0010	mg/L	1	A614769	10/26/16	10/27/16	



### BSK Associates Fresno Metals Quality Control Report

	IVI	etals Qu	Janty C	Jontrol	Report						
	Duri			Spike	Source	0/ <b>D</b> =0	%REC		RPD	Date	0.1
Analyte	Result		Units	Level	Result	%REC	Limits	RPD	Limit	Analyzed	Qual
Batch: A614769 Prep Method: EPA 200.2 - Pb/Cu Rule		EPA 20	00.8 - Q	uality Co	ntrol						10/26/2016 nalyst: GNG
Blank (A614769-BLK1)											
Lead	ND	0.0010	mg/L							10/27/16	
Blank Spike (A614769-BS1) Lead	0.094	0.0010	mg/L	0.10		94	85-115			10/27/16	
Blank Spike Dup (A614769-BSD1)											
Lead	0.098	0.0010	mg/L	0.10		98	85-115	4	20	10/27/16	
Matrix Spike (A614769-MS1), Source: A	6J2562-01										
Lead	0.21	0.0020	mg/L	0.20	0.023	95	70-130			10/27/16	
Matrix Spike (A614769-MS2), Source: A	6J2625-05										
Lead	0.18	0.0020	mg/L	0.20	ND	91	70-130			10/27/16	
Matrix Spike Dup (A614769-MSD1), Sou	rce: A6J2562-01										
Lead	0.22	0.0020	mg/L	0.20	0.023	97	70-130	2	20	10/27/16	
Matrix Spike Dup (A614769-MSD2), Sou Lead	rce: A6J2625-05 0.19	0.0020	mg/L	0.20	ND	92	70-130	0	20	10/27/16	
		EPA 20	00.8 - Q	uality Co	ntrol						
Batch: A615173 Prep Method: EPA 200.2 - Pb/Cu Rule										•	d: 11/3/2016 nalyst: GNG
Blank (A615173-BLK1)											
Lead	ND	0.0010	mg/L							11/03/16	
Blank Spike (A615173-BS1) Lead	0.095	0.0010	mg/L	0.10		95	85-115			11/03/16	
Blank Spike Dup (A615173-BSD1)											
Lead	0.098	0.0010	mg/L	0.10		98	85-115	3	20	11/03/16	
Matrix Spike (A615173-MS1), Source: A Lead	<b>6J3323-81</b> 0.19	0.0020	mg/L	0.20	0.0031	95	70-130			11/03/16	
Matrix Spike (A615173-MS2), Source: A Lead	<b>6J3242-09</b> 0.19	0.0020	mg/L	0.20	0.0038	95	70-130			11/03/16	
Matrix Spike Dup (A615173-MSD1), Sou Lead	rce: A6J3323-81 0.19	0.0020	mg/L	0.20	0.0031	93	70-130	2	20	11/03/16	
Matrix Spike Dup (A615173-MSD2), Sou Lead	rce: A6J3242-09 0.20	0.0020	mg/L	0.20	0.0038	96	70-130	1	20	11/03/16	



# **Certificate of Analysis**

#### Notes:

- The Chain of Custody document and Sample Integrity Sheet are part of the analytical report.
- Any remaining sample(s) for testing will be disposed of according to BSK's sample retention policy unless other arrangements are made in advance.
- All positive results for EPA Methods 504.1 and 524.2 require the analysis of a Field Reagent Blank (FRB) to confirm that the results are not a contamination error from field sampling steps. If Field Reagent Blanks were not submitted with the samples, this method requirement has not been performed.
- Samples collected by BSK Analytical Laboratories were collected in accordance with the BSK Sampling and Collection Standard Operating
  Procedures.
- J-value is equivalent to DNQ (Detected, not quantified) which is a trace value. A trace value is an analyte detected between the MDL and the laboratory reporting limit. This result is of an unknown data quality and is only qualitative (estimated). Baseline noise, calibration curve extrapolation below the lowest calibrator, method blank detections, and integration artifacts can all produce apparent DNQ values, which contribute to the un-reliability of these values.
- (1) Residual chlorine and pH analysis have a 15 minute holding time for both drinking and waste water samples as defined by the EPA and 40 CFR 136. Waste water and ground water (monitoring well) samples must be field filtered to meet the 15 minute holding time for dissolved metals.
- Summations of analytes (i.e. Total Trihalomethanes) may appear to add individual amounts incorrectly, due to rounding of analyte values occurring before or after the total value is calculated, as well as rounding of the total value.
- RL Multiplier is the factor used to adjust the reporting limit (RL) due to variations in sample preparation procedures and dilutions required for matrix interferences.
- Due to the subjective nature of the Threshold Odor Method, all characterizations of the detected odor are the opinion of the panel of analysts. The characterizations can be found in Standard Methods 2170B Figure 2170:1.
- The MCLs provided in this report (if applicable) represent the primary MCLs for that analyte.

#### Definitions

mg/L:	Milligrams/Liter (ppm)	MDL:	Method Detection Limit	MDA95:	Min. Detected Activity
mg/Kg:	Milligrams/Kilogram (ppm)	RL:	Reporting Limit: DL x Dilution	MPN:	Most Probable Number
µg/L:	Micrograms/Liter (ppb)	ND:	None Detected at RL	CFU:	Colony Forming Unit
µg/Kg:	Micrograms/Kilogram (ppb)	pCi/L:	Picocuries per Liter	Absent:	Less than 1 CFU/100mLs
%:	Percent Recovered (surrogates)	RL Mult:	RL Multiplier	Present:	1 or more CFU/100mLs
NR:	Non-Reportable	MCL:	Maximum Contaminant Limit		

Please see the individual Subcontract Lab's report for applicable certifications.

#### BSK is not accredited under the NELAP program for the following parameters: \*\*NA\*\*

#### Certifications: Please refer to our website for a copy of our Accredited Fields of Testing under each certification.

Fresno			
State of California - ELAP	1180	State of Hawaii	4021
State of Nevada	CA000792016-1	State of Oregon - NELAP	4021
EPA - UCMR3	CA00079	State of Washington	C997-16
Sacramento			
State of California - ELAP	2435		
San Bernardino			
State of California - ELAP	2993	State of Oregon - NELAP	4119-001
Vancouver			
State of Oregon - NELAP	WA100008-008	State of Washington	C824-16

	ANALYSIS RE	SIGNATURE: Mike Go	KING WATER RINKING WATER Haen Juin Kangell		10/20/2016 10 LEAD IN DRINKING WATER TESTING PROGRAM 25103.003 PROJECT #: PH DATE: 10/17/16 DATE/TIME: 10/19/16 DATE/TIME: 10/20/16 0900 TURN AROUND TIME: 1-10 days	27
			SAMPLE I	DATA FO	RM	
	LAB	SAMPLE #	BUILDING	ROOM	LOCATION IN ROOM	
	ţ.	SK-SLB-001-FD.			Kitchendete, Fot Floor T.BAS	]
	2	SK-SLB-002-FL			(Talking Books) Kitchen Sink	-
		WF-SLB-003-FU			Water Foundain, 154 FLOOR	
	4	WF-SLB-004-FL			Adjacent to Cont. Room 102, nons/ wow	ans
					Kooth room	
	5	WF-SUB-005-FD			Des Wader Foundain (uppor) SW	-
	6	WF-SCB-006-FC			CORNER, 1St FLOOR	-
	7	WF-SLB-007-FO			Wooler Fountain (lower) SU	4
×	× ×	WF-518-007-FL	•	0	corners, and 1st Floor	
and the second	4	5K-SLB-009-FD		0-03	Kitchen other, basevent breat A	K
	10	5K-SLB-010-FL		*	Kitchen Sink (SE Der Come	
		WF-518-011 - 150			basement across from Room B-03	
		WF-518-012-FL			basenant across trow ROOM B-D-	2
	12	WFSLB-013-FU			Worder Foundain (lower) bosenant across from Road B-0	
	P	WF-518-014-FL			basement across from Room B-0	9
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BS		ottles: (Ye		Page	of		_					i			
0	Cher	temperature withir nistry <b>≤ 6°C</b> Mi	cro < 10°C		Yes No (I	NA)	rece	eived fo	or the test	s requeste		es (	Yes	) No NA	1
Info	that of	nples were taken t chilling has begun?	oday, is there evide	ence	Yes No	NA)	Wei (Vol	re there atiles O	bubbles	in the VO	A vials?		Yes No (NA)		
200	Did a	Il bottles arrive un	broken and intact?						icient am	ount of sa	mple receiv	ved?			
υ		Il bottle labels agro	ee with COC? added to CN samp		the second secon	(Yes No Do samples r Ves No No Was PM notif			s have a	hold time	<72 hours?		Yes (No)		
	until	chlorine was no lo	nger present?	JIE(S)	Yes No(1	NA/	PM:			By/Time:	vies?		Yes	No (NA	)
		the second s	ter(C) 40ml VOA(V	)	Checks	Pas	sed?	1	-14						1
		i Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>			-	-	-		1						1000
		e (P) White Cap	Car		-		_	A SERVICE AND A							
		The second s	Cap NH4OH(NH4)2SO4	and the second second	Cl, pH > 8	Y	N								
2		(P) Pink Label/Blue Cap		4 WW	pH 9.3-9.7	Y	N	A. 100 1000							
401 044		and the second	HOLD TIME***		pH 9.0-9.5	Y	N								
ې ح	HNO	BROWN OF HC	CI (P) Purple Cap/Lt. Blue	Label		1 <del>1</del>		1(							
arformad	H <sub>2</sub> SC	D <sub>4</sub> (P) or (A	G) Yellow Cap/Labe	1	pH < 2	Y	N								
orfo	NaO	H (P) <sup>Green Cap</sup>			Cl, pH >10	Y	Ν								
2		H + ZnAc (P)			pH > 9	Y	N				. Same				
Or a	Disso	olved Oxygen 30	0ml (g)			-	_								-
I NV	None	e (AG) 608/8081/808	2, 625, 632/8321, 8151,	8270	_	-	_								
Ved	-	AG)LI. Blue Label O				_	_								-
Cei		rbic, EDTA, KH2	Ct (AG)Pink Label 5	25 ·		-	_					+			-
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ott	Na <sub>2</sub> S	2O3 (AG)Blue Label	548, THM, 524				_								-
n n	Na <sub>2</sub> S	2O3 (CG) Blue Label	504, 505, 547			_	_							LTV CONTRACTO	
/chlori		2O3 + MCAA (CO	Orange Label 531		pH < 3	Y	N					1999			
tion	NHAC	CI (AG)Purple Label						<u> </u>	2-11-11-11-1-1-1-1-1-1-1-1-1-1-1-1-1-1-						
ena	FDA	(AG) <sup>Brown Label</sup> D	The second s					and the second			1			- The second	
means preservation/c	HCI		Gas, MTBE, 8260/624		—	in an air	CON-	a series of							and and a
ns r	Buffe	r pH 4 (CG)	543, WITEL, 0200/024				e ale ale	ENC REEM	A STATE OF A STATE						
nea	HaPC	4 (CG) <sup>Salmon Label</sup>			_										
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Comments			* Oc	ld	numbe	Rs	Oı	rly.	RU	2					





PBSEN1939



**PBS** Environmental



# 10212016

Turnaround: Standard Due Date: 11/3/2016



Printed: 10/26/2016 11:32:37AM Page 1 of 1 Page 15 of 17

BS	K Bottles: (Yes/ No Page	eof_		_									
	Was temperature within range? Chemistry ≤ 6°C Micro < 10°C	Yes No (	NA)	We	re correct co eived for the te	Containers and preservatives					(Yes) No NA		
COC Info	If samples were taken today, is there evidence that chilling has begun?	Yes No	NA)	We	re there bubble latiles Only)				-	Yes_No (NA)			
Ŋ	Did all bottles arrive unbroken and intact?	reet			s a sufficient a	mour	nt of sau	vod?	Ye				
8	Did all bottle labels agree with COC?		do,	Do	samples have	a hol	d time ·	<72 hours	<u>veu:</u> ?	Ye	1		
	Was sodium thiosulfate added to CN sample(s) until chlorine was no longer present?	Yes No	NA)	Wa PM	s PM notified c	of disc	crepanc /Time:	ies?	•		No (NA		
	250ml(A) 500ml(B) 1Liter(C) 40ml VOA(V)	Checks	Pas	sed?	1-14	-		Τ		I			
	Bacti Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>		-	_							1.00 L		
	None (P) <sup>White Cap</sup>	—	-				······	1					
	Cr6 (P) Lt. Green Label/Blue Cap NH4OH(NH4)2SO4 DW	Cl, pH > 8	Y	N		-							
	Cr6 (P) Pink Labei/Blue Cap NH40H(NH4)2SO4 WW	pH 9.3-9.7	Y	N					<u> </u>				
the lab	Cr6 (P) Black Label/Blue Cap NH40H(NH4)2S04 7199	рН 9.0-9.5	Y	N					X				
.⊑	HNO3 (P) Bed Cap or HCI (P) Purple Cap/Lt. Blue Label		_				<u></u>				Alex.		
mec	H2SO4 (P) OF (AG) Yellow Cap/Label	pH < 2	Y	N				Kar	C Starter	28. 28.			
performed	NaOH (P) Green Cap	Cl, pH >10	Y	N			<u> </u>	1. 1980	4				
		pH > 9	Y	N			-		ग्र कर्म्		1. 1		
r are	Disselved Owners 200 - 17			18	Le la conserva	4	1.80						
A or	None (AG) 608/8081/8082, 625, 632/8321, 8151, 8270		5-C				-				Sec. 1.		
ea r N/A				-									
either I	HCI (AG) <sup>Lt. Blue Label</sup> O&G, Diesel			-									
Received s are either N	Ascorbic, EDTA, KH <sub>2</sub> Ct (AG) <sup>Pink Label</sup> 525			-				$\square$					
	Na2O3S 250mL (AG) <sup>Neon Green Label</sup> 515			-				$\sum_{i=1}^{n}$					
ne check	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> 1 Liter (Brown P) 549			-						a de alla a da a			
	Na2S2O3 (AG) <sup>Blue Label</sup> 548, THM, 524			-					80	1953			
lorine	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> (CG) <sup>Blue Label</sup> 504, 505, 547	—		-				1					
-\ch	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> + MCAA (CG) <sup>Orange Label</sup> 531	pH < 3	Ŷ	N				1					
ation	NH4CI (AG)Purple Label 552	_ (		-		<u>3 MC</u> 8	1. A. H.	/		1000	<u> </u>		
servati	EDA (AG)Brown Label DBPs					+		/	309000				
pres	HCL (CG) 524.2,BTEX,Gas, MTBE, 8260/624					4							
US L	Buffer pH 4 (CG)			- 2007 - 1		+	-		2000278200		2000		
nea	H <sub>3</sub> PO4 (CG) <sup>Salmon Label</sup>			-									
	Other:				4.4.7.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4	-							
=1  -	Asbestos 1Liter Plastic w/ Foil		· <u></u>		· · · · · ·		17 - M.C.M.		per Neter	<del></del>			
ŀ	Low Level Hg / Metals Double Baggie							<u> </u>	<u>transi.</u>				
	Bottled Water	100 C				1	e stás						
	Clear Glass 250mL / 500mL / 1 Liter					1	20.05	- 1					
+	Soil Tube Brass / Steel / Plastic		199 <u>5</u>								1. (* 38. * 2		
	Tedlar Bag / Plastic Bag									-			
	SP250* Preservative Date/	Time/Initials	+		Container		Prese	rvative	Date	e/Time	/Initials		
<b>5</b>	S P		S										
CIENTIO	* Odd i	rumber	S NA		ly. Ru	Ri	7/1 CO	ntainer	<u> </u>	icent	ed into		

BSK Associates	SR-FL-0002-16

# Sample Integrity

A6J2562	
PBSEN1939	

10/20/2016 10

	Imple Integrity           K Bottles:         Yes         No         Page	e of								
0	Was temperature within range? Chemistry ≤ 6°C Micro < 10°C	Yes No (	NA	rece	e correct cont lived for the te	sts request	ed?	ves	Yes	
C Info	If samples were taken today, is there evidence that chilling has begun?	Yes No	_	Wer (Vola	e there bubble atiles Only)	es in the V	DA vials?		Yes	No (N
coc	Did all bottles arrive unbroken and intact? Did all bottle labels agree with COC?	Contraction of the local division of the loc	No	Was	a sufficient a	mount of sa	ample rece	ived?	Ye	s) No
0	Was sodium thiosulfate added to CN sample(s)		10	Dos	amples have	a hold time	<72 hours	?	Ye	
	until chlorine was no longer present?	Yes No (	NA	PM:	PM notified o	By/Time:			Yes	NO N
	250ml(A) 500ml(B) 1Liter(C) 40ml VOA(V)	Checks	Pas	sed?	-07	by/rime.		-		T
	Bacti Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>			-	90	123101	1	100 100	1 - 1 - 1	1653(140)
	None (P) <sup>White Cap</sup>		-	_	NLOO TO COLONIA DE	100000000000000000000000000000000000000	2/1 C C (2)/#1	COV D.L.IS		No. 1 Las
	Cr6 (P) Lt. Green Label/Blue Cap NH4OH(NH4)2SO4 DW	Cl, pH > 8	Y	N		111111111	E4 INCLUSION	Carl Second	0.40018	DOVENDOIN
	Cr6 (P) Pink Label/Blue Cap NH40H(NH4)2SO4 WW	pH 9.3-9.7	Y	N	22212.5.4.4		is him s at	100	1. 15 3	2000
the lab		pH 9.0-9.5	Y	N				10 2 3		
5	HNO3 (P) Red Cap or HCI (P) Purple Cap/LL Blue Label	EC States (S	3.10			in maine a	報告報論書	1223	6.35	
10			-	-	<u> </u>		2			
orm	H2SO4 (P) or (AG) Yellow Cap/Label	pH < 2	Y	N		Constant State			5.6.4	Par an
berf	NaOH (P) Green Cap	Cl, pH >10	Y	Ν						
Ire	NaOH + ZnAc (P)	pH > 9	Y	N				3152		1.186
oro	Dissolved Oxygen 300ml (g)	-	-	-				100100100	NH ULH	1111 ESS //
A/A	None (AG) 608/8081/8082, 625, 632/8321, 8151, 8270	<u> </u>	100	2246		1 Million State	The second	AL DAVE	02.3	KIT SKI
/ed	HCI (AG) <sup>Lt. Blue Label</sup> O&G, Diesel		1000		and the second second	N THE R AT L	A CALL STOR			
Received are either N	Ascorbic, EDTA, KH <sub>2</sub> Ct (AG) <sup>Pink Label</sup> 525			-				_		
Rec	Na2O3S 250mL (AG)Neon Green Label 515	192020-2150	ENGLAS	1000		C-0	-	_		
10	and the second se	34 10 <del>13</del> 6-246	-	Contraction of		1. 20			d hind	n.#3/19
bottles ne checks	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> 1 Liter (Brown P) 549		-							
n e	Na2S2O3 (AG) <sup>Blue Label</sup> 548, THM, 524			-		an an a			orfilt	
lor	Na2S2O3 (CG) <sup>Blue Label</sup> 504, 505, 547			-						
D/C	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> + MCAA (CG) <sup>Orange Label</sup> 531	pH < 3	Y	N					Staffs	
ervatio	NH <sub>4</sub> Cl (AG) <sup>Purple Label</sup> 552	-	- 51				10.10/07.17000	Contraction of the	21 11 10 10 10 10 10 10 10 10 10 10 10 10	1 10 10 19 19 19 19 19 19 19 19 19 19 19 19 19
Serv	EDA (AG)Brown Label DBPs				See Heard P	THE REAL PROPERTY	10 Elonous	N SEA	01102291	25.20.12.5
pre	HCL (CG) 524.2,BTEX,Gas, MTBE, 8260/624		142314	ar cherese (c)	and a state of the			C. Stark	Dinit.	1210235
Sus	Buffer pH 4 (CG)	Sector Activ	120	GREE I	Seal There	West and the second	Contractor Street	and the local sector	-	
me	H3PO4 (CG)Salmon Label		1100			STEPS DECK	1		125	0
	Other:	0.00		-						
-	Asbestos 1Liter Plastic w/ Foil	and the state	-	11201	1000000	S ROTTING	ET SUP CASES	0.025976	THE PARTY IS	252.83
	Low Level Hg / Metals Double Baggie	-				An and the second second	1.00.00.			100.00
	Bottled Water	1.0 <del></del>	80 <del></del>	Car		A TANKS		10/555	02481	0.000
-	Clear Glass 250mL / 500mL / 1 Liter	-	-					La De Contra		Carlot and
	Soil Tube Brass / Steel / Plastic	-	-				States of States			
-	Tedlar Bag / Plastic Bag Container Preservative Date/									
split	SP / L > 250m C	Time/Initials	-	_	Container	Pres	ervative	Date	e/Time	/Initials
ぶト	S P		S							
	FD Sample exceede FL Sample pulled PECETVED ALL 250	d Mi t	s CL be		in k	X- 177-	TCO			
2	ALETTED ALL 20 1	by on		11-1	-10 5	100	121			
	d by: @ Labels check									



**BSK Associates Fresno** 1414 Stanislaus St Fresno, CA 93706 559-497-2888 (Main)



Derek May **PBS Environmental** 4412 SW Corbett Ave Portland, OR 97239

### RE: Report for A6K0416 Oregon DAS - Lead

Dear Derek May,

Thank you for using BSK Associates for your analytical testing needs. In the following pages, you will find the test results for the samples submitted to our laboratory on 11/2/2016. The results have been approved for release by our Laboratory Director as indicated by the authorizing signature below.

The samples were analyzed for the test(s) indicated on the Chain of Custody (see attached) and the results relate only to the samples analyzed. BSK certifies that the testing was performed in accordance with the quality system requirements specified in the 2009 TNI Standard. Any deviations from this standard or from the method requirements for each test procedure performed will be annotated alongside the analytical result or noted in the Case Narrative. Unless otherwise noted, the sample results are reported on an "as received" basis.

If additional clarification of any information is required, please contact your Project Manager, Debra Karlsson , at 559-497-2888.

Thanks again for using BSK Associates. We value your business and appreciate your loyalty.

Sincerely,

Debra Karlsson, Project Coordinator



Accredited in Accordance with NELAP **ORELAP #4021** 



# A6K0416 Oregon DAS - Lead

## **Case Narrative**

Project and	Report Details	Invoice Details					
Client:	PBS Environmental	Invoice To: PBS Environmental					
Report To:	Derek May	Invoice Attn: Accounts Payable					
Project #:	State Library Building #25	5103.003 PH 28 Project PO#: -					
Received:	11/02/2016 - 11:36						
Report Due:	11/16/2016						
Sample Red	ceipt Conditions						
	ault Cooler on Receipt °C: 20.0	Containers Intact COC/Labels Agree Received with no thermal preservation. Sample(s) split after receipt at the laboratory. Initial receipt at BSK-VAL					
Data Quali	fiers						
The following	g qualifiers have been app	blied to one or more analytical results:					
***None applie	:d***						
Report Dis	tribution						

Recipient(s)	Report Format	CC:
Derek May	FINAL.RPT	beth.powers@pbsenv.com



State Library Building #25103.003 PH 28

# **Certificate of Analysis**

Sample ID: A6K0416-01 Sample Date - Time: 11/01/16 - 00:00 Sampled By: Client Sample Description: SK-SLB-015-FD // Room Services kitchenette 3rd Floor kitchen sink

Metals

	Matrix: Drinking Water
n 309 Gov't Information and Library	Sample Type: First Draw
BSK Associates Fresno	

RL Analyte Method Result RL Units Batch Prepared Analyzed Qual Mult 0.0043 A615373 11/08/16 EPA 200.8 0.0010 mg/L 11/08/16 Lead 1



State Library Building #25103.003 PH 28

# **Certificate of Analysis**

 Sample ID: A6K0416-03
 Sample Date - Time: 11/01/16 - 00:00

 Sampled By:
 Client

 Sample Description: WF-SLB-017-FD // 3rd Floor water fountain (upper) between men's/women's bathrooms
 Matrix: Drinking Water

### **BSK Associates Fresno**

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Lead	EPA 200.8	ND	0.0010	mg/L	1	A615373	11/08/16	11/08/16	



State Library Building #25103.003 PH 28

# **Certificate of Analysis**

 Sample ID: A6K0416-05
 Sample Date - Time: 11/01/16 - 00:00

 Sampled By:
 Client

 Sample Description: WF-SLB-019-FD // 3rd Floor water fountain (lower) between
 Matrix: Drinking Water

 sample volumen's bathrooms
 Sample Type: First Draw

### **BSK Associates Fresno**

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Lead	EPA 200.8	ND	0.0010	mg/L	1	A615373	11/08/16	11/08/16	



State Library Building #25103.003 PH 28

# **Certificate of Analysis**

Sample ID: A6K0416-07	Sample Date - Time: 11/01/16 - 00:00
Sampled By: Client	Matrix: Drinking Water
Sample Description: WF-SLB-021-FD // Water fountain 2nd Floor (single) adjacent to conference Room 202	Sample Type: First Draw

### **BSK Associates Fresno**

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Lead	EPA 200.8	0.014	0.0010	mg/L	1	A615373	11/08/16	11/08/16	



State Library Building #25103.003 PH 28

Matrix: Drinking Water

Sample Date - Time: 11/01/16 - 00:00

Sample Type: First Draw

# **Certificate of Analysis**

 Sample ID: A6K0416-09

 Sampled By:
 Client

 Sample Description:
 WF-SLB-023-FD // Water fountain 2nd Floor between men's/women's bathroom (upper)

### BSK Associates Fresno

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Lead	EPA 200.8	ND	0.0010	mg/L	1	A615373	11/08/16	11/08/16	



State Library Building #25103.003 PH 28

Matrix: Drinking Water

Sample Date - Time: 11/01/16 - 00:00

Sample Type: First Draw

# **Certificate of Analysis**

Sample ID: A6K0416-11 Sampled By: Client Sample Description: WF-SLB-025-FD // Water fountain 2nd Floor between men's/women's bathroom (lower)

# BSK Associates Fresno

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Lead	EPA 200.8	ND	0.0010	mg/L	1	A615373	11/08/16	11/08/16	



### BSK Associates Fresno Metals Quality Control Report

				Sontion	topolt.					
				Spike	Source		%REC		RPD	Date
Analyte	Result	RL	Units	Level	Result	%REC	Limits	RPD	Limit	Analyzed Qual
		EPA 20	00.8 - Qi	uality Cor	ntrol					
Batch: A615373										Prepared: 11/8/2016
Prep Method: EPA 200.2										Analyst: PSK
Blank (A615373-BLK1)										
Lead	ND	0.0010	mg/L							11/08/16
Blank Spike (A615373-BS1)										
Lead	0.10	0.0010	mg/L	0.10		102	85-115			11/08/16
Blank Spike Dup (A615373-BSD1)										
Lead	0.10	0.0010	mg/L	0.10		101	85-115	1	20	11/08/16
Matrix Spike (A615373-MS1), Source: A6	K0695-41									
Lead	0.20	0.0020	mg/L	0.20	0.0048	98	70-130			11/08/16
Matrix Spike (A615373-MS2), Source: A6	K0414-01									
Lead	0.20	0.0020	mg/L	0.20	ND	99	70-130			11/08/16
Matrix Spike Dup (A615373-MSD1), Sour	ce: A6K0695-41									
Lead	0.20	0.0020	mg/L	0.20	0.0048	99	70-130	1	20	11/08/16
Matrix Spike Dup (A615373-MSD2), Sour	rce: A6K0414-01									
Lead	0.20	0.0020	mg/L	0.20	ND	100	70-130	1	20	11/08/16



# **Certificate of Analysis**

#### Notes:

- The Chain of Custody document and Sample Integrity Sheet are part of the analytical report.
- Any remaining sample(s) for testing will be disposed of according to BSK's sample retention policy unless other arrangements are made in advance.
- All positive results for EPA Methods 504.1 and 524.2 require the analysis of a Field Reagent Blank (FRB) to confirm that the results are not a contamination error from field sampling steps. If Field Reagent Blanks were not submitted with the samples, this method requirement has not been performed.
- Samples collected by BSK Analytical Laboratories were collected in accordance with the BSK Sampling and Collection Standard Operating
  Procedures.
- J-value is equivalent to DNQ (Detected, not quantified) which is a trace value. A trace value is an analyte detected between the MDL and the laboratory reporting limit. This result is of an unknown data quality and is only qualitative (estimated). Baseline noise, calibration curve extrapolation below the lowest calibrator, method blank detections, and integration artifacts can all produce apparent DNQ values, which contribute to the un-reliability of these values.
- (1) Residual chlorine and pH analysis have a 15 minute holding time for both drinking and waste water samples as defined by the EPA and 40 CFR 136. Waste water and ground water (monitoring well) samples must be field filtered to meet the 15 minute holding time for dissolved metals.
- Summations of analytes (i.e. Total Trihalomethanes) may appear to add individual amounts incorrectly, due to rounding of analyte values occurring before or after the total value is calculated, as well as rounding of the total value.
- RL Multiplier is the factor used to adjust the reporting limit (RL) due to variations in sample preparation procedures and dilutions required for matrix interferences.
- Due to the subjective nature of the Threshold Odor Method, all characterizations of the detected odor are the opinion of the panel of analysts. The characterizations can be found in Standard Methods 2170B Figure 2170:1.
- The MCLs provided in this report (if applicable) represent the primary MCLs for that analyte.

#### Definitions

mg/L:	Milligrams/Liter (ppm)	MDL:	Method Detection Limit	MDA95:	Min. Detected Activity
mg/Kg:	Milligrams/Kilogram (ppm)	RL:	Reporting Limit: DL x Dilution	MPN:	Most Probable Number
µg/L:	Micrograms/Liter (ppb)	ND:	None Detected at RL	CFU:	Colony Forming Unit
µg/Kg:	Micrograms/Kilogram (ppb)	pCi/L:	Picocuries per Liter	Absent:	Less than 1 CFU/100mLs
%:	Percent Recovered (surrogates)	RL Mult:	RL Multiplier	Present:	1 or more CFU/100mLs
NR:	Non-Reportable	MCL:	Maximum Contaminant Limit		

Please see the individual Subcontract Lab's report for applicable certifications.

#### BSK is not accredited under the NELAP program for the following parameters: \*\*NA\*\*

#### Certifications: Please refer to our website for a copy of our Accredited Fields of Testing under each certification.

Fresno			
State of California - ELAP	1180	State of Hawaii	4021
State of Nevada	CA000792016-1	State of Oregon - NELAP	4021
EPA - UCMR3	CA00079	State of Washington	C997-16
Sacramento			
State of California - ELAP	2435		
San Bernardino			
State of California - ELAP	2993	State of Oregon - NELAP	4119-001
Vancouver			
State of Oregon - NELAP	WA100008-008	State of Washington	C824-16

F/ A R 20.ÔF	ECEIVED BY	)	Linking Water Liden / Www Down		11/02/2016       OREGON DATE         10       LEAD IN DRINKING TESTING PR         25103.003         PROJECT #:         DATE:       1         DATE:       1         DATE:       1         DATE:       1         DATE:       1         Lead IN DRINKING TESTING PR         DATE:       25103.003         DATE:       1         DATE:       1         DATE:       1         DATE:       1         Lead IN DRINKING TESTING PR         DATE:       1         DATE:       1         Lead IN DRINKING TESTING PR         DATE:       1         DATE:       1         Lead IN DRINKING TESTING PR         DATE:       1         DATE:       1         Lead IN DRINKING TESTING PR         DATE:       1         Lead IN DRINKING TESTING TESTING PR	WATER ROGRAM PH28 BOR 36
Γ	2			DATA FO	RM	
-	LAB	SAMPLE#	BUILDING	ROOM	LOCATION IN ROOM	
ł		SK-SLB-015-FD		309	Govit Information and Libory	1
		5K-518-016-FL		4		60R 2
					Kitclen Sink	
	3	WF-SLB-017-FD			3rd Floor Worker Fountain Lu	E (reg
	4	WF-SLB-ON-FL			between mens woman's bothm	A REAL PROPERTY AND A REAL
	5	WF -568-019- FD			3rd Floor Werter Fourtain (11	
	6	WF-518-020-FL			between renstwomans both	
	7	VF-SUB-021-FD			Water Fountain, 2nd Floor,	7
	8	WF-SLB-002- PL			(Single) and adjacent to	8
3 <b>171000 (1997), 1917</b> )	~	6.25		_	conterence room 202	9
	9	WF-SUB- 023- Fr	2		Water touritain, 2nd Hadi, 6	ideal I
2	10	WF-SLB-024- P			mens womans but wood (off	bd mill
	11	WF-SLB- 025- FL WF-SLB- 026- FL			Water Foundain, Dud Floor, b mens/ womans barthroom (MP Water Foundain, Ond Floor water Foundain, Ond Floor mens/ womans barthrooms (100	201 12
	12	WF-SUB- COO - TI	4	<u> </u>	Many WOMAINS OUTWIDDING CTOD	
		-				
					· · · · · · · · · · · · · · · · · · ·	
		1				

PAGE OF

BSK Associates SR-FL-0002-16 Sample Integrity					A6K0416 11/02/2016 PBSEN1939 10						
BSK Bottles: Yes No Page of											
0	Was temperature within range? Chemistry ≤ 6°C Micro < 10°C	Tes NO (NA)								No NA	
coc Info	If samples were taken today, is there evidence that chilling has begun?	Yes No (	yd	Were there bubbles in the VOA vials? (Volatiles Only)					Yes No (NA)		
S	Did all bottles arrive unbroken and intact?		lo	Was a sufficient amount of sample receive			ed? Yes Na				
Ŭ	Did all bottle labels agree with COC? Was sodium thiosulfate added to CN sample(s)	(Yes) No		Do samples have a hold time <72 hours? Was PM notified of discrepancies?			Yes (No)				
	until chlorine was no longer present?	Yes No (1	NA)	PM:		By/Time:	55?		Yes	No NA	
	250ml(A) 500ml(B) 1Liter(C) 40ml VOA(V)	Checks	Pas	sed?	1-12-				T		
	Bacti Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	—	F	-							
	None (P) <sup>White Cap</sup>		-								
	Cr6 (P) Lt. Green Label/Blue Cap NH4OH(NH4)2SO4 DW	Cl, pH > 8	Y	N							
	Cr6 (P) Pink Label/Blue Cap NH4OH(NH4)2SO4 WW	pH 9.3-9.7	Y	Ν							
the lab	Cr6 (P) Black Label/Blue Cap NH4OH(NH4)2SO4 7199	pH 9.0-9.5	Y	N							
- SEC	HNO3 (P) Red Cap or HCI (P) Purple Cap/Lt. Blue Label	-	-		10,						
erformed in	H2SO4 (P) or (AG) Yellow Cap/Label	•pH < 2	Y	N							
arfor	NaOH (P) Green Cap	Cl, pH >10	Y	N			and the second second	2011 ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) (			
e De	NaOH + ZnAc (P)	pH > 9	Y	N							
r ar	Dissolved Oxygen 300ml (g)		-	_	Server the server have been been						
A c	None (AG) 608/8081/8082, 625, 632/8321, 8151, 8270			_				No. CONTRA			
er N	HCI (AG) <sup>L1. Blue Label</sup> O&G, Diesel		_	2005.2003 							
ceive either	Ascorbic, EDTA, KH <sub>2</sub> Ct (AG) <sup>Pink Label</sup> 525			_							
Received are either N	Na <sub>2</sub> O <sub>3</sub> S 250mL (AG) <sup>Neon Green Label</sup> 515								National a	A DE GRANNER	
Bottles ne checks	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> (AG) <sup>Blue Label</sup> 548, THM, 524	•				1000000000000				CONTRACTOR OF	
lorine	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> (CG) <sup>Blue Label</sup> 504, 505, 547	_	<u></u>				1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 -				
C	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> + MCAA (CG) <sup>Orange Label</sup> 531	pH < 3	Y	N				-			
ion/c	NH <sub>4</sub> Cl (AG) <sup>Purple Label</sup> 552	pr < s	1	N				T STATES			
rvat		_		-				and a local			
ese	Na2S2O3 + MCAA (CG)Orange Label 531         NH4Cl (AG)Purple Label 552         EDA (AG)Brown Label DBPs         HCL (CG) 524.2,BTEX,Gas, MTBE, 8260/624		1	-							
	HCL (CG) 524.2,BTEX,Gas, MTBE, 8260/624		-	-		The second second		10. William accur			
means	Buffer pH 4 (CG)		-	-	Analis (Selence)						
ב י	H <sub>3</sub> PO <sub>4</sub> (CG) <sup>Salmon Label</sup> Other:	-	-								
-	Asbestos 1Liter Plastic w/ Foil		-			- Andrewski -		(and sealing		Contraction of the	
	Low Level Hg / Metals Double Baggie		<u>-</u>	-		HAND IN THE ALC					
	Bottled Water		-	-						A second	
	Clear Glass 250mL / 500mL / 1 Liter	-		-							
	Soil Tube Brass / Steel / Plastic	-	-	-							
	Tedlar Bag         /         Plastic Bag           Container         Preservative         Date/	 Time/Initials			Container	Prope	ervative	Data	/T:	11-11-1	
	(S)P 250¥	Time/Initials		P	Container	FIESE	alive	Date	Time	/Initials	
	S P			Р							
Comments	* Odd numbe	ers on	ley.	Re	R					2	