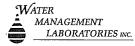
ATTACHMENT to Staff Response to Bench Request No. 3 Page 1 of 10

Please Print Plainly USE HEAVY PEN DO NOT WRITE IN SHADED AREAS

*2.6A



1515 80th St. E. Tacoma, WA 98404 (253) 531-3121

INORGANIC CHEMICALS (IOCS) REPORT

1 In	1 ID No: 82844+	System	Name: S	outh	wood					
Lab/Sa	mple No: 089469		Date C			-13	DO	H Source N	No: 545)
Multip	le Source Nos: NA			Sa	imple Type: f	+	Sam	ple Purpo	se: ()	
Date R	eceived: 03-08-1	3 Da	te Reported		3.12.13	St	upervisor:	LIK		
	r: Pierce		te Digestec			Group:	$\overline{(A)}$ E	3 Oth	er	
					T I	Group.	<u> </u>		····	
Sample	E Location: UP S	ite - Silv	vercrei	er,						
Send R	esults & Bill To: Rain	her View	Water	Co	Remarks:					
	POP	30x 444	27		А	R18=	R		·· ·	
	Tacer		98448	2			··-/}			
DOH#	ANALYTES	RESULTS	UNITS	SRL	TRIGGER	MCL	EXC	EEDS	Method//	Analvst
	1	1	GULATED	1			Trigger?	MCL?		
4	Arsenic	0.001	mg/L	0.001	0.01	0.01	NO	NO NO	200.8	and
 5	Barium	0.001	mg/L mg/L	0.001	2	2			200.8	and
6	Cadmium	<0.0001	mg/L	0.0001	0.005	0.005		├──│ ──	200.8	me
7	Chromium	<0,007	mg/L	0.007	0.1	0.1	1		200.8	and
11	Mercury	<0.0002	mg/L	0.0002	0.002	0.002			200.8	m
12	Selenium	<0.002	mg/L	0.002	0.05	0.05			200.8	on
110	Beryllium	<0.0003	mg/L	0.0003	0.004	0.004			200.8	ons
111	Nickel	<0.005	mg/L	0.005	0.1	0.1			200.8	and
	Antimony	<0.003	mg/L	0.003	0.006	0.006			200.8	ons
ับเฮ	Thallium	<0.001	mg/L	0.001	0.002	0.002		ļ	200.8	ono
116	Cyanide	<0.01	mg/L	0.01	0.2	0.2	 		4500-CNF	on
19	Fluoride	0.2	mg/L	0.5	2	4	ļ	ļ_ ļ	300.0	m
114	Nitrite - N	<0.1	mg/L	0.1	0.5	1	 		300.0	ons
20	Nitrate - N	<0.2	mg/L	0.2	5	10	<u> </u>	,	300.0	ms
161	Total Nitrate/Nitrite	<0.4	mg/L	0.5	5	10	Ψ	↓	300.0	ono
		EPA REGULAT		-						the state of the s
8	Iron	<0.1	mg/L	0.1	0.3	0.3	NO	NO	3111B	ons
10	Manganese	< 0.01	mg/L	0.01		0.05			200.8	OFA
13	Silver	< 0.01	mg/L	0.1		0.1		 	200.8	ono
21	Chloride	2	mg/L	20		250			300.0	ono
22	Sulfate	2	mg/L	50		250			300.0	and
24	Zinc	< 0.2	mg/L	0.2	5	5	NO	Ψ	200.8	ono
1.4	0.1	STATE RE		-					000.0	
14	Sodium	6	mg/L	5					200.8	ons
15	Hardness	47	mg/L	10	_	700			2340C	m
16 17	Conductivity	(1)	umhos/cm NTU	70		700		NO	2510B	ms
17 18	Turbidity Color	<0.1	color units	<u>0.1</u> 15	+	15	· · · ·		2130B	m
26	Total Dissolved Solids	< 5.0	mg/L	100	-	500		NO	2120B 2540C	mo
20		NA STATE UNR				1 300			20400	-
9	Load				1				200.9	00
~~~	Lead	<0.001	mg/L mg/l	0.001					200.8 200.8	mo
	Copper	20.02	mg/L	0.02		1		]	200.0	and
OMMI	ENTS: FC28									

SCANNED DATE 9-19-13

15

BY_

## ATTACHMENT to Staff Response to Bench Request No. 3 Page 2 of 10

Please Print Plainly USE HEAVY PEN DO NOT WRITE IN SHADED AREAS

ATER
MANAGEMENT
LABORATORIES INC.

1515 80th St. E. Tacoma, WA 98404 (253) 531-3121

#### **INORGANIC CHEMICALS (IOCS) REPORT**

-	ID No: 82844		Name:	Sou	thwood	1			0-		
Lab/Sa	mple No: <b>0894691</b>	0	Date C	ollected	1: 03-07	<u>'-/3</u>		DOH Source No: 530			
Multip	le Source Nos: 🔨 🗛			Sa	mple Type: 🌶	4	Sam	ple Purpo	se: C		
Date Re	eceived: 03-08-1	(3 Da	te Reported	1: 03	12.13	Su	pervisor:	IM	_		
Count	· Pierce		te Digested			Group:	A B	3 Oth	eť		
County	PIERCE			. ря		Group.					
Sample	Location: Well.	S(te - 1	85 1								
Send R	esults & Bill To: Pair	nier View	Water	-(o)	Remarks:						
		DX 4442				AR18	20			```	
		ma WA			·····	111510					
							1				
DOH#	ANALYTES	RESULTS	UNITS	SRL	TRIGGER	MCL	EXC	EEDS	Method/A	nalyst	
		EPA RE	GULATED				Trigger?	MCL?			
4	Arsenic	<0.00)	mg/L	0.001	0.01	0.01	NO	NO	200.8	ms	
5	Barium	<0.01	mg/L	0.01	2	2			200.8	on	
6	Cadmium	<0.0001	mg/L	0.0001	0.005	0.005			200.8	on	
7	Chromium	<0,007	mg/L	0.007	0.1	0.1			200.8	on	
11	Mercury	K0.000Z	mg/L	0.0002		0.002			200.8	m	
12	Selenium	<0.00Z	mg/L	0.002	0.05	0.05			200.8	mo	
110	Beryllium	<0.0003	mg/L	0.0003	0.004	0.004			200.8	m	
111	Nickel	<0.005	mg/L	0.005	0.1	0.1			200.8	m	
	Antimony	<0.003	mg/L	0.003	0.006	0.006		ļ	200.8	and	
ેમર્ડ 🗌	Thallium	<0.00)	mg/L	0.001	0.002	0.002			200.8	m	
116	Cyanide	<0.01	mg/L	0.01	0.2	0.2			4500-CNF	oms	
19	Fluoride	<0.2	mg/L	0.5	2	4			300.0	Omo	
114	Nitrite - N	< 0.1	mg/L	0.1	0.5	1			300.0	on	
20	Nitrate - N	3.3	mg/L	0.2	5	10	ļ		300.0	m	
161	Total Nitrate/Nitrite	3.3	mg/L	0.5	5	10	V	$\vee$	300.0	ons	
		EPA REGULA	TED (Second	ary)							
8	Iron	<0,1	mg/L	0.1	0.3	0.3	NO	NO	3111B	mo	
10	Manganese	< 0.01	mg/L	0.01		0.05			200.8	ono	
13	Silver	<0.01	mg/L	0.1		0.1			200.8	on	
21	Chloride	7	mg/L	20		250			300.0	and	
.22	Sulfate	7	mg/L	50		250			300.0	ono	
24	Zinc	20.2	mg/L	0.2	5	5	NO	$\downarrow$	200.8	and	
		STATE RI	EGULATED				•				
14	Sodium	20	mg/L	5					200.8	and	
15	Hardness	73	mg/L	10					2340C	mo	
16	Conductivity	211	umhos/cm	70		700		NO	2510B	I.K.	
17	Turbidity	< 0.]	NTU	0.1					2130B	J.K.	
18	Color	15,0	color units	15		15		NO	2120B	I.K.	
26	Total Dissolved Solids	NA	mg/L	100		500			2540C		
		STATE UN	REGULATEI	)						.	
	Lead	<0.001	mg/L	0.001					200.8	and	
9				0.00			1	T	200.8	ma	
9	Copper	<0.02	mg/L	0.02					200.0	000	

BY

# ATTACHMENT to Staff Response to Bench Request No. 3 Page 3 of 10

Please Prir USE HEAV	\$	W	ATER MANAGEME	ENT	1515 80th Tacoma,	n St. E. WA 98404				
	VRITE IN SHADED AREAS	<b>e</b>	LABORAT	ORIES IN	<u> </u>	-3121				
×.	2,GA	INOR	GANIC C	HEMI	CALS (IOCS	5) REPO	RT			
S. m	ID No: 82844H	Syster	n Name:	outh	wood					
Lab/Sar	nple No: 08946913	 }	Date C	ollected	03-07-	13	DO	H Source N	VO: 534	t
	le Source Nos: NA				mple Type: A			ple Purpo		:
	10.0	7				<u> </u>	1		ac. U	
	eceived: 03-08-13		ate Reported		12-13	Si	apervisor:	LAL		
County	Pierce	D	ate Digested	l: NA		Group:	(A) 1	B Oth	er	
	Location: UP.I.S	ite - To	annent	nim	A.B+	(	0			
	esults & Bill To: Rain		<u> </u>		Remarks:	<u> </u>				
	DOF	Sour LILI	17 Mape			ADI	020			
	PUL	01 44	J-1	~		114	DAP			
	(acc	ma, WA	. 98441	5						
DOH#	ANALYTES	RESULTS	UNITS	SRL	TRIGGER	MCL	EXC	EEDS	Method/A	nalyst
	1	EPA RI	EGULATED	1	1		Trigger?	MCL?		
4	Arsenic	<0.001	mg/L	0.001	0.01	0.01	00 NO	NO	200.8	Oms
5	Barium	40.01	mg/L	0.01	2	2			200.8	ons
6	Cadmium	50.0001	mg/L	0.0001	0.005	0.005			200.8	ons
7	Chromium	<0.007	mg/L	0.007	0.1	0.1			200.8	ons
11	Mercury	20.0002	mg/L	0.0002	0.002	0.002			200.8	and
12	Selenium	<0.00Z	mg/L	0.002	0.05	0.05		<u>                                     </u>	200.8	m
110	Beryllium	<0.0003	mg/L	0.0003	0.004	0.004	<b>.</b>		200.8	m
111	Nickel	20.005	mg/L	0.005	0.1	0.1			200,8	mo
$H_{\sim}$	Antimony Thallium	20.003	mg/L	0.003	0.006	0.006	┼─╂───	<u> </u>	200.8	mo
110	Cyanide	20.001	mg/L mg/L	0.001	0.002	0.002	+		4500-CNF	m
110	Fluoride	<0.2	mg/L	0.5	2	4			300.0	and
114	Nitrite - N	<0.1	mg/L	0.1	0.5	1			300.0	on
20	Nitrate - N	1.6	mg/L	0.2	5	10			300.0	ans
161	Total Nitrate/Nitrite	1.6	mg/L	0.5	5	10	V	$\mathbf{V}$	300.0	ans
		EPA REGULA	TED (Second	lary)						
8	Iron	<0.1	mg/L	0.1	0.3	0,3	NO	NO	3111B	on
10	Manganese	<0.01	mg/L	0.01		0.05		1	200.8	ons
13	Silver	<0.01	mg/L	0.1		0.1			200.8	m
21	Chloride	77	mg/L	20 50	-	250 250			300.0 300.0	mo
22 24	Sulfate Zinc	+	mg/L mg/L	0.2	5	5	NO		200.8	ons
			EGULATED	0.2		1	100	¥	20010	01.0
14	Sodium	14	mg/L	5	1				200.8	mo
14	Hardness	64	mg/L mg/L	10					2340C	ons
16	Conductivity	174	umhos/cm	70		700		NO	2510B	I.K.
17	Turbidity	0,1	NTU	0.1	-				2130B	T.K.
18	Color	55.0	color units	15		15		NO	2120B	T.K.
26	Total Dissolved Solids	NA.	mg/L	100		500		-	2540C	-
		STATE UN	REGULATEL	)						
9	Lead	<0.00)	mg/L	0.001					200.8	oms
	Copper	<0.02	mg/L	0.02					200.8	ans
COMMI	ENTS: 5(.29									
	070									

SCANNED DATE 4-19 BY_____

### ATTACHMENT to Staff Response to Bench Request No. 3 Page 4 of 10

Please Print Plainly USE HEAVY PEN DO NOT WRITE IN SHADED AREAS



1515 80th St. E. Tacoma, WA 98404 (253) 531-3121

#### **INORGANIC CHEMICALS (IOCS) REPORT**

n ID No: 82844	- System	Name: 5	out	wood					
mple No: 089469	68	Date C	ollected:	03-07	-13	DC	DH Source I	NOSIZ	)
ble Source Nos: $\mathcal{N}/\mathcal{A}$	+					Sa	mple Purpo	se: C	
Received: 03-08	~13 Da	te Reporte			Su		: UM		
v:Dierre	1							er	
						<u> </u>			
	site - t			blies A,	DEC				
Results & Bill To: Kall	ler View	Wates	- ]]	Remarks:	0.00				
407	30x 444	27		P	FR 18.	2K			
Tarr	ma WA	9844	3						
	1		7	TRICCER	MCI	EV	CEEDS	Mathod/	Analwat
MALIILO				INGGER				Wiethou/	
	1	JULATED				Trigger?	MCL?		
	20,001	mg/L		0.01		NO	NO	200.8	and
						<b>├ </b>	_ <b></b>		m
						┼──┠───			on
						<u> </u>			on
		1				┼──┠──			and
									on
									m
								1	om
									mo
		1	·		-1			1	ans
							+		mo
								1	ons
								1	On
Total Nitrate/Nitrite		mg/L	0.5	5	10			300.0	m
		ED (Second	ary)						T
Iron	PARTICIPAL CONTRACTOR CONTRACTOR		0.1	0.3	0.3	NO	ou	3111B	and
Manganese	and the second	mg/L	0.01		0.05		YES	200.8	and
Silver	<0.01	mg/L	0.1		0.1		NO	200.8	and
Chloride	6	mg/L	20		250		1	300.0	oms
Sulfate	9	mg/L	50		250			300.0	ons
Zinc	1.1	mg/L	0.2	5	5	NO		200.8	ms
	STATE RE	GULATED							ſ
Sodium	7	mg/L	5		1			200.8	ms
- 1 ⁰ ··· · · · · · · · · · · · · · · · · ·	68	mg/L	10					2340C	ms
Hardness	60				700		NO	2510B	I.K.
Conductivity	151	umhos/cm	70		100				
Conductivity Turbidity	151 1,4	NTU	0.1					2130B	Z.K.
Conductivity Turbidity Color	15] 1,4 <5.0	NTU color units	0.1 15		15		NO	2130B 2120B	
Conductivity Turbidity	151 1,4 <5.0 NA	NTU color units mg/L	0.1 15 100					2130B	Z.K.
Conductivity Turbidity Color	15] 1,4 <5.0	NTU color units mg/L	0.1 15 100	· · · · · · · · · · · · · · · · · · ·	15			2130B 2120B	Z.K.
Conductivity Turbidity Color Total Dissolved Solids Lead	151 1.4 < 5.0 NA STATE UNR 0.04	NTU color units mg/L EGULATEL mg/L	0.1 15 100 ) 0.001		15			2130B 2120B 2540C 200.8	Z.K.
Conductivity Turbidity Color Total Dissolved Solids	15] 1.4 < 5.0 NA STATE UNR	NTU color units mg/L EGULATEI	0.1 15 100		15			2130B 2120B 2540C	Z.K.
	ble Source Nos: N/A ecceived: 03-08 y Recce e Location: (Delle e Location: (Delle POT POT Cacce Ansenic Barium Cadmium Chromium Mercury Selenium Beryllium Nickel Antimony Thallium Cyanide Fluoride Nitrite - N Nitrate - N Total Nitrate/Nitrite Iron Manganese Silver Chloride Sulfate Zinc	ample No: $OB946908$ ole Source Nos: $N/A$ ecceived: $O3-O8-I3$ $yPiecce$ Dae Location: $Site - F$ cesults & Bill To: $KainlerView$ PO Box 4447 $acoma, WA$ ANALYTESRESULTSEPA RECArsenic $20.001$ Barium $<0.001$ Cadmium $<0.007$ Cadmium $<0.007$ Mercury $<0.007$ Selenium $<0.003$ Nickel $0.011$ Antimony $<0.003$ Thallium $<0.003$ Thallium $<0.003$ Thallium $<0.003$ Thallium $<0.003$ Thallium $<0.011$ Antimony $<0.003$ Thallium $<0.003$ Thallium $<0.011$ Antimony $<0.003$ Thallium $<0.001$ Cyanide $<0.011$ Antimony $<0.003$ Thallium $<0.001$ Cyanide $<0.011$ Antimony $<0.003$ Thallium $<0.001$ Choride $<0.12$ Silver $<0.12$ Silver $<0.011$ Choride $<0.12$ Silver $<0.011$ Choride $<0.12$ Silver $<0.011$ Choride $<0.12$ Silver $<0.011$ Choride $<0.011$ Mauganese $<0.12$ Silver $<0.011$ Choride $<0.011$ Mauganese $<0.12$ Silver $<0.01$	mple No: $OG944008$ Date Cole Source Nos: $M/A$ eccived: $O3-O8-13$ Date Reported $VPiecce$ Date Digestede Location: $Jell Site - Fic M$ Results & Bill To: $Kainier View WaterPO Box. 44427Tacoma, WA 98448ANALYTESRESULTSBarium<0.001Mrsenic<0.001Mrsenic<0.001Mrcury<0.002Mercury<0.002Mercury<0.002Million<0.003Mrsenic<0.003Mrcury<0.003Mercury<0.003Mercury<0.003Mercury<0.003Mercury<0.003Mercury<0.003Mrithe - N<0.11Mitrite - N<0.1Mitrite - N<0.1Manganese0.12Manganese0.12Manganese0.12Marganese0.12Mrite9Mrite9Marganese0.12Marganese0.12Marganese0.12Marganese0.12Marganese0.12Marganese0.12Marganese0.12Marganese0.12Marganese0.12Marganese0.12Marganese0.12Marganese0.12Marganese0.12Ma$	Imple No: $Ogg 44290g$ Date Collected:Dele Source Nos: $N/A$ SarDeceived: $O3 - 03$ Date Reported: $O3$ $yPecce$ Date Digested: $NA$ $e$ Location: $Aell Site - Fir Meadeaccoma, WA 98448PO Box 44427PO Box 44427Tacoma, WA 98448ANALYTESRESULTSUNITSResnic20.001mg/L0.001Barium<0.01Cadmium<0.007mg/L0.001Cadmium<0.007mg/L0.001Cadmium<0.007mg/L0.002Selenium<0.002mg/L0.002Selenium<0.003mg/L0.003Nickel0.011mg/L0.003Nickel0.011mg/L0.003Thallium<0.003mg/L0.001Gyanide<0.01mg/L0.01Fluoride<0.2mg/L0.01Silver<0.1mg/L0.1mg/L0.1mg/L0.1mg/L0.1mg/L0.1mg/L0.1mg/L0.1mg/L0.1mg/L0.1mg/L0.1mg/L0.1mg/L0.1mg/L0.1mg/L0.1mg/L<$	Imple No: $Ogg94/4908$ Date Collected: $O_3 - O_7$ Dele Source Nos: $N/A$ Sample Type: $A$ ecceived: $O_3 - O_7$ Date Reported: $O_3 \cdot I_2 \cdot I_3$ $v: Pierce$ Date Digested: $MA$ $I$ $v: Pierce$ Results $I$ $I$ $v: Pierce$ $I$ $I$ $I$ $V: Pierce$	Imple No: $O89446908$ Date Collected: $O3 - O7 - 13$ Date Source Nos: $M/A$ Sample Type: $A$ eccived: $O3 - O8 - 13$ Date Reported: $O3 \cdot 12 \cdot 13$ Sa $VPierce$ Date Digested: $MA$ Group:e Location: $Ue11$ Site - Fir $Meadows A$ , $B \notin C$ esults & Bill To: $Kain ier View WaterRemarks:POBoxHH27API8POBoxHH27API8POBoxHH27API8POBoxHH27API8POBoxHH27API8POBoxHH27API8POBoxHH27API8POBoxHH27API8Arsenice0.001mg/L0.0010.01Arsenice0.001mg/L0.0010.0050.005Chromiume0.007mg/L0.00020.0020.002Cadmiume0.002mg/L0.0020.0020.002Seleniume0.002mg/L0.0030.0040.004Nickelo.011mg/L0.0030.0060.006Thallume0.eo3mg/L0.0030.0020.002Cyanidee0.01mg/L0.010.25Intmervee.03mg/L0.010.051Nordee0.02mg/L0.010.02<$	Imple No: $Ogg 44690g$ Date Collected: $Ogg -13$ Dotble Source Nos: $N/A$ Sample Type:Saeceived: $Ogg -13$ Date Reported: $Ogg .12 \cdot 13$ Supervisor $YP_e \cap Ce$ Date Digested: $NA$ Group: $A$ $eceived:$ $Ogg -13$ Date Reported: $Ogg .12 \cdot 13$ Supervisor $YP_e \cap Ce$ Date Digested: $NA$ Group: $A$ $eceived:$ $Ogg .12 \cdot 13$ SupervisorSupervisor $YP_e \cap Ce$ Date Digested: $NA$ $Group:$ $A$ $eceived:$ $Ogg .12 \cdot 13$ SupervisorSupervisor $PO Box.44427Remarks:ResultsResultsPO Box.44427Remarks:ResultsResultsAnALYTESRESULTSUNITSSRLTRIGGERMCLArsenicmg/L0.0010.01NOBariummg/L0.0010.0050.005Cadmiummg/L0.0020.0020.002Seleniummg/L0.0020.0020.002Seleniummg/L0.0030.0040.004Nickelo.o11mg/L0.0030.0040.002Seleniummg/L0.0030.0060.002Steleniummg/L0.0030.0040.002Nitrite - No.a3mg/L0.010.020.02Flu$	Imple No: $O8944608$ Date Collected: $O3 - O7 - I3$ DOH Source Ible Source Nos: $N/A$ Sample Type:Sample Purpoecceived: $O3 - O8 - I3$ Date Reported: $O3 \cdot I2 \cdot I3$ Supervisor: $U^{M}$ $VPierce$ Date Digested: $MA$ Group: $A$ BOthe Location: $Ue   $ $Site - FirB \in CBOthesuits & Bill To:Kainer View WaterRemarks:Remarks:PODox, U4U27ARC 1824ARCLEANALYTESRESULTSUNITSSRLTRIGGERMCLArsenic0.001ng/L0.0010.01NONOBarlum<0.021mg/L0.0010.01NONOBarlum<0.007mg/L0.00010.01NONOBarlum<0.007mg/L0.0020.0021002Cadmium<0.007mg/L0.0020.0021002Chromium<0.002mg/L0.0020.0021002Mercury<0.002mg/L0.0020.0021002Beryllium<0.003mg/L0.0030.0061004Nitrate N<0.021mg/L0.0030.0061004Mercury<0.0023mg/L0.0020.0021002Cadmium<0.003mg/L0.0030.0061004Nitrate N<0.0$	Imple No: $O89446908$ Date Collected: $O3 - O7 - 13$ DOH Source No: $S_1 = Sample Purpose:$ de Source Nos: $M/A$ Sample Type:Sample Purpose:Cecceived: $O3 - O8 - 13$ Date Reported: $O3 \cdot 12 \cdot 13$ Supervisor: $UUU$ $VPierCe$ Date Digested: $MA$ Group: $A$ $B$ Othere Location: $Uentile = -Fir<$ $Meadows A$ $Stere$ $Stere$ $VUU$ etaults & Bill To: $Kain ler View$ $Water$ Remarks: $PO$ $POX$ $U4U427$ $ARE 182P$ $VUU$ Tacoma, $WA + B4U48$ $VUE$ $VUU$ ANALYTESRESULTSUNITSSRLTRIGGER $MCL$ EPA REGULATEDTrigger? $MCL7$ $McL7$ Arsenic $40.001$ $0.001$ $0.01$ $0.002$ $200.8$ Barium $< o.oo7$ $mg/L$ $0.007$ $0.1$ $0.1$ $200.8$ Chromium $< o.oo7$ $mg/L$ $0.002$ $0.002$ $200.8$ Selenium $< o.oo2$ $mg/L$ $0.002$ $0.002$ $200.8$ Selenium $< o.oo3$ </td

DATE: 4.16-14 KJ

### ATTACHMENT to Staff Response to Bench Request No. 3 Page 5 of 10

Please Print Plainly USE HEAVY PEN DO NOT WRITE IN SHADED AREAS



1515 80th St. E. Tacoma, WA 98404 (253) 531-3121

#### INORGANIC CHEMICALS (IOCS) REPORT

System	ID No: NA	System	Name: F	n zi	readou	442						
Lab/Sar	nple No: 0896067		Date Co	ollected:	04.20 -	16	DOF	I Source N	NO: NA			
	e Source Nos: MA			Sam	ple Type: 🍸	2 2	Sam	ple Purpo	se: I			
Date Re	eceived: 04-20-	Dat	e Reported	l: 04.2	5.16	Su	Supervisor:					
County	Pierce		e Digested	Digested: NA Group: A B Other								
Sample	Location: Tapon	Marifa	1 Em	in la	lellhea	1						
Send Re	esults & Bill To: Rai	aler Min	un lila	Les Co		Remarks:						
	D.	Box 4	4427	Marce	mpant							
			$\Lambda $ $G $	3448					·			
L	Taco		1				EVO	CED0	X6-11-1/4			
DOH#	ANALYTES	RESULTS	UNITS	SRL	TRIGGER	MCL	EXCI		Method/A			
			GULATED				Trigger?	MCL?		·		
4	Arsenic	NA	mg/L	0.001	0.01	0.01			200.8			
5	Barium		mg/L	0.1	2	2			200.8			
6	Cadmium		mg/L	0.001	0.005	0.005			200.8			
7	Chromium		mg/L	0.007	0.1	0,1			200.8			
11	Mercury		mg/L	0.0002	0.002	0.002			200.8			
12	Selenium		mg/L	0.002	0.05	0.05			200.8			
110	Beryllium		mg/L	0.0003	0.004	0.004			200.8	+		
112	Antimony		mg/L	0.003	0.006	0.006			200.8			
113	Thallium		mg/L	0.001	0.002	0.002			4500-CNF			
116	Cyanide		mg/L	0.01	0.2	4			300.0			
19	Fluoride		mg/L	0.2 0.1	0.5	1			300.0			
114	Nitrite - N		mg/L	0.1	<u> </u>	10			300.0			
20	Nitrate - N	,	mg/L	0.2	5	10			300.0			
161	Total Nitrate/Nitrite	EPA REGULAT	mg/L		5	10			500.0			
8	Iron		mg/L	0.1		0.3		NO	3111B	ons		
8 10	Manganese	<0.1	mg/L	0.01		0.05		1/55	200.8	ans		
10	Silver	· NA	mg/L	0.1		0.1			200.8			
21	Chloride	/V/ŧ	mg/L	20		250			300.0			
22	Sulfate		mg/L	50		250			300.0			
24	Zinc		mg/L	0.2		5			200.8			
<u> </u>		STATE DE	GULATED			·····						
14	Sodium	NA	mg/L	5					200.8			
15	Hardness		mg/L	10					2340C			
16	Conductivity		umhos/cm	70		700			2510B			
17	Turbidity		NTU	0.1					2130B			
18	Color		color units	15		15			2120B			
26	Total Dissolved Solids		mg/L	100		500			2540C			
111	Nickel		mg/L	0.005					200.8			
		STATE UNI										
9	Lead	NA	mg/L	0.001	alalamit				200.8			
23	Copper	Ĵ	mg/L	0.02					200.8			
	1. 11.							L				

# COMMENTS: ITON, Manganese

# ATTACHMENT to Staff Response to Bench Request No. 3 Page 6 of 10

Please Print Plainly USE HEAVY PEN DO NOT WRITE IN SHADED AREAS



1515 80th St. E. Tacoma, WA 98404 (253) 531-3121

## INORGANIC CHEMICALS (IOCS) REPORT

System	ID NO: NA	System	Name: 두	n ziz	readow	5 #4					
Lab/Sa	mple No: 0896067		Date Co	ollected:	04-20-	16	DOF	I Source N	IO: NA		
	le Source Nos: NA			1	nple Type: P		Sam	ple Purpo	se: I		
Date Re	eceived: 04-20-1	(o Dat	e Reported	l: 04.2	15.16	Supervisor:					
County	Pierce		e Digested	: NA		Group:	(A) B	6 Oth	er		
Sample	Location: TOPON						<u> </u>				
Sond R	esulte & Bill To: Ro	1110(111+0)	O + C	Lac C.	It II FICAL	Remarks:					
	esults & Bill To: Rai	nier Vit	NUDZ	He Le	mpant						
	PC	) Box 4	4421	ula							
	Taco			3448	<u>.                                    </u>		T		T		
DOH#	ANALYTES	RESULTS	UNITS	SRL	TRIGGER	MCL	EXC	EEDS	Method/A	nalyst	
		EPA REC	GULATED				Trigger?	MCL?			
4	Arsenic	NA	mg/L	0.001	0.01	0.01			200.8		
5	Barium		mg/L	0.1	2	2			200.8		
6	Cadmium		mg/L	0.001	0.005	0.005			200.8		
7	Chromium		mg/L	0.007	0.1	0.1	ļ		200.8	<u> </u>	
11	Mercury		mg/L	0.0002	0.002	0.002			200.8	ļ	
12	Selenium		mg/L	0.002	0.05	0.05			200.8		
110	Beryllium		mg/L	0.0003	0.004	0.004	·		200.8	· · ·	
112	Antimony		mg/L	0.003	0.006	0.006			200.8		
113	Thallium		mg/L	0.001	0.002	0.002			200.8		
116	Cyanide		mg/L	0.01	0.2	0.2			4500-CNF	<b>.</b>	
19	Fluoride		mg/L	0.2	2	4			300.0		
114	Nitrite - N		mg/L	0,1	0.5	1	ļ		300.0		
20	Nitrate - N		mg/L	0.2	5	10			300.0		
161	Total Nitrate/Nitrite		mg/L	0.5	5	10			300.0	<u> </u>	
		EPA REGULAT			<b>-</b>			Stational Property	·		
8	Iron	<0.1	mg/L	0.1		0.3		NO	3111B	ons	
(10)	Manganese	0.12	mg/L	0.01		0.05		485	200.8	are s	
13	Silver	NA	mg/L	0.1		0.1			200.8		
21	Chloride		mg/L	20		250			300.0		
22	Sulfate		mg/L	50		250			300.0		
24	Zinc	V	mg/L	0.2		5			200.8		
			GULATED		·····						
14	Sodium	NA	mg/L	5					200.8		
15	Hardness		mg/L	10					2340C		
16	Conductivity		umhos/cm	70		700			2510B		
17	Turbidity		NTU	0.1		15			2130B		
18	Color		color units	15		15			2120B 2540C		
26	Total Dissolved Solids		mg/L	100		500					
111	Nickel	V	mg/L	0.005					200.8		
		STATE UNF	1								
9	Lead	NA	mg/L	0.001					200.8		
23	Copper	J	mg/L	0.02					200.8		

# COMMENTS: ITON, Manganese

# ATTACHMENT to Staff Response to Bench Request No. 3 Page 7 of 10

Please Prin USE HEAV DO NOT V	,		WATER MANAGEMI LABORA	ENT FORIES inc.		, WA 98404	r .			
		INOI	RGANIC C	HEMIC	CALS (IOC	S) REPO	RT			
System	ID No: 1/A	Syst	em Name:	Fir	Mer	low	= >			
	mple No: 08963	795	Date C	ollected:		8-14		H Source N	No: N/	7-
	le Source Nos:		I	San	nple Type:	R	Sam	ple Purpo	se: T	
	eceived: 11 - 18 -		Date Reporte	······	22.16	<u> </u>	upervisor:	1 Jul		· · · ,
			Date Digested				$\overrightarrow{A}$ E	3 Oth		
County	- Plana				~	Group:			<u></u>	·
L	Location: Wel		- Wells							
Send Re	esults & Bill To: Rai	nier ,	VIEW L	Tates	r Conja	Remarks:				-, , .
	PO	Box	4440	27	,	8				
	Taci	oma I	1)1 91	844	P					
DOH#	ANALYTES	RESULTS	UNITS	SRL	TRIGGER	MCL	EXC	EEDS	Method/A	nalyst
Bon			REGULATED				Trigger?	MCL?		
	Arsenic	- <del> </del>	· · · · · · · · · · · · · · · · · · ·	0.001	0.01	0.01	11166011	MICD.	200.8	
5.	Barium	NA	mg/L	0.001	2	2			200.8	
6	Cadmium		mg/L	0.001	0.005	0.005			200.8	1
7	Chromium	1 1	mg/L	0.007	0.1	0.1			200.8	
11	Mercury	+	mg/L	0.0002	0.002	0.002			200.8	
12	Selenium		mg/L	0.002	0.05	0.05			200.8	
110	Beryllium		mg/L	0.0003	0.004	0.004			200.8	
112	Antimony		mg/L	0.003	0.006	0.006			200.8	
113	Thallium		mg/L	0.001	0.002	0.002			200.8	
116	Cyanide		mg/L	0.01	0.2	0.2			4500-CNF	, ,
19	Fluoride		mg/L	0.2	2.	4			300.0	· ·
114	Nitrite - N		mg/L	0.1	0.5	1			300.0	
20	Nitrate - N		mg/L	0,2	5	10			300.0	
161	Total Nitrate/Nitrite	$  \Psi$	mg/L	0.5	5	10			300:0	
			ATED (Second		r				01117	
8	Iron	<0.1	mg/L	0.1	-	0.3		NO	3111B	In
10	Manganese	O.II	mg/L	0.01		0.05		YES	200.8 200.8	(ms)
13	Silver	NA	mg/L	0.1		250			300.0	
21	Chloride Sulfate		mg/L mg/L	50		250			300.0	┼┤
<u>22</u> 24	Zinc	1	mg/L	0.2		5			200.8	
	Zuit			0.2					20010	<u>                                      </u>
14	Sodium		REGULATED mg/L	5					200.8	
14	Hardness	NA	mg/L	10					2340C	
15	Conductivity		umhos/cm	70		700		, <u> </u>	2510C	<u>                                      </u>
10	Turbidity		NTU	0.1	•				2130B	
18	Color		color units	15		15			2120B	
26	Total Dissolved Solids		mg/L	100		500			2540C	
111	Nickel	V	mg/L	0.005	,				200.8	
•		STATE U	NREGULATEL	) .					•	
9	Lead	NA	mg/L	0.001					200.8	
23	Copper		mg/L	0.02					200.8	1 1

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# COMMENTS: Jron, Manganese

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#### ATTACHMENT to Staff Response to Bench Request No. 3 Page 8 of 10

1515 80th St. E. Please Print Plainly WATER Tacoma, WA 98404 USE HEAVY PEN MANAGEMENT DO NOT WRITE IN SHADED AREAS LABORATORIES INC. (253) 531-3121 **INORGANIC CHEMICALS (IOCS) REPORT** System Name: System ID No: Fir loarlmars AIA DOH Source No: NA Lab/Sample No: 08963794 Date Collected: 11-18-16 Sample Type: Sample Purpose: Multiple Source Nos: NA Date Reported: 11.22.16 Supervisor: Date Received: 1-18-16 Group: A ġ. Other Date Digested: NA County: 'ere Sample Location: 18/088 hora Remarks: Send Results & Bill To: ainier Villes akter Company 44427 UNA. 98448 na EXCEEDS Method/Analyst ANALYTES RESULTS UNITS SRL TRIGGER MCL DOH# MCL? EPA REGULATED Trigger? 200.8 0.01 0.01 Arsenic NA mg/L 0.001 4 200.8 2 5 Barium mg/L 0.1 2 0.005 0.005 200.8 mg/L 0.001 6 Cadmium 200.8 mg/L 0.007 0.1 0.1 7 Chromium 200.8 0.002 0.002 Mercury mg/L 0.0002 11 0.002 0.05 0.05 200.8 12 Selenium mg/L Beryllium mg/L 0.0003 0.004 0.004 200.8 110 200.8 mg/L 0:003 0.006 0.006 Antimony 112 0.001 0.002 0.002 200.8 mg/L 113 Thallium 0.2 4500-CNF 0.01 0.2 Cyanide mg/L 116 300.0 Fluoride mg/L 0.2 2 4 19 Ó,1 0.5 1 300.0 Nitrite - N mg/L 114 0.2 5 10 300.0 Nitrate - N mg/L 20 Total Nitrate/Nitrite 0.5 5 10 300.0 161 mg/L EPA REGULATED (Secondary) NO 3111B 8 mg/L 0.1 0.3 Iron <0.1 200.8 Manganese mg/L -0.01 0.05 NO 10ml 10  $\langle 0.0 |$ 200.8 mg/L 0.1 0.1 Silver NA 13 250 300.0 Chloride mg/L 20 21 250 300.0 Sulfate mg/L 50 22 200.8 5 24 Zinc mg/L 0.2 STATE REGULATED 200.8 14 Sodium NA mg/L 5 2340C Hardness mg/L 10 15 2510B 700 Conductivity umhos/cm 70 16 2130B Turbidity NTU 0.1 .17 2120B 15 15 color units 18 Color 500 2540C Total Dissolved Solids 100 26 mg/L 200.8 Nickel mg/L 0.005 111 STATE UNREGULATED 0.001 200.8 mg/L 9 Lead 200.8 0.02 mg/L 23 Copper

COMMENTS: Tron, Manganese

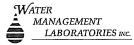
#### ATTACHMENT to Staff Response to Bench Request No. 3 Page 9 of 10

1515 80th St. E. Please Print Plainly WATER Tacoma, WA 98404 MANAGEMENT USE HEAVY PEN DO NOT WRITE IN SHADED AREAS LABORATORIES INC. (253) 531-3121 **INORGANIC CHEMICALS (IOCS) REPORT** System Name: System ID No: oad ows NA DOH Source No: 08963796 Date Collected: 11-18-16 RIT Lab/Sample No: Sample Type: Sample Purpose: R Multiple Source Nos: AIA Supervisor: Date Reported: Date Received: 11-22-16 1-18-14 Group: A Date Digested: MA В Other County: 10800 Sample Location: Well # 2- Wellhead Send Results & Bill To Painier View U. Remarks: hter Company 98448 UNA ma EXCEEDS Method/Analyst RESULTS UNITS SRL TRIGGER MCL DOH# ANALYTES EPA REGULATED Trigger? MCL? 0.001 0.01 0.01 200.8 4 NA mg/L Arsenic 0.1 2 2 200.8 mg/L 5 Barium 200.8 0.001 0.005 0.005 mg/L 6 Cadmium 200.8 0.007 0.1 0.1 7 Chromium mg/L 200.8 0.002 0.002 mg/L 0.0002 11 Mercury 200.8 Selenium mg/L 0.002 0.05 0.05 12 200.8 mg/L 0.004 0.004 Beryllium 0.0003 110 200.8 0.003 0.006 0.006 Antimony mg/L 112 0.002 0.002 200.8 0.001 113 Thallium mg/L 4500-CNF 0.2 0.2 116 Cyanide mg/L 0.01 300.0 0.2 2 4 19 Fluoride mg/L 300.0 0.5 1 114 Nitrite - N mg/L 0.1 10 300.0 Nitrate - N mg/L 0.2 5 20 300.0 mg/L 0.5 5 10 Total Nitrate/Nitrite 161 U EPA REGULATED (Secondary) 0.3 NO 3111B <0.1 mg/L 0.1 アー 8 Iron 0.05 200.8 0.01 NO 10 Manganese <0.01 mg/L プル 0.1 200.8 0.1 Silver mg/L 13 MA 20 250 300.0 Chloride mg/L 21 300.0 50 250 22 Sulfate mg/L 200.8 0.2 5 Zinc mg/L 24 STATE REGULATED 200.8 NA 5. 14 Sodium mg/L 2340C Hardness mg/L 10 15 700 2510B 16 Conductivity umhos/cm 70 Turbidity 2130B 17 NTU 0.1 color units 15 15 2120B Color 18 2540C Total Dissolved Solids 100 500 26 mg/L 0.005 200.8 Nickel mg/L 111 STATE UNREGULATED 200.8 0.001 MA mg/L 9 Lead 200.8 0.02 V mg/L 23 Copper

COMMENTS: Tron, Manganese

### ATTACHMENT to Staff Response to Bench Request No. 3 Page 10 of 10

Please Print Plainly USE HEAVY PEN DO NOT WRITE IN SHADED AREAS



1515 80th St. E. Tacoma, WA 98404 (253) 531-3121

#### INORGANIC CHEMICALS (IOCS) REPORT

×2	, GA-	INOR	GANIC C	HEMI	CALS (IOC	S) REPOI	KT.			
I Jm	ID No: 92844+	- Syste	m Name: S	outh	bood					
Lab/Sai	mple No: 0894691	•		ollected:		-13	DOI	H Source N	10:545	
	le Source Nos: NA	*		Sai	nple Type: f	f	Sam	ple Purpo	se: (	
	eceived: 03-08-1	2 T	ate Reported		f-	- St	ipervisor:	I.M.		·······
	00000				·/@·/ 5		·	0.0		
County	100		ate Digested			Group:	<u>(A)</u> <u>H</u>	3 Oth	er	
		ite - Si	Ivercrea	eK						
Send Re	esults & Bill To: Rein	Ger Viel	1 Luter	CO	Remarks:					
		30x 44			4	FR185	10			
						11100				
		1 1	98448	1			τ	-		
DOH#	ANALYTES	RESULTS	UNITS	SRL	TRIGGER	MCL	EXC	EEDS	Method/A	Inalyst
		EPA R	EGULATED				Trigger?	MCL?		
4	Arsenic	0.001	mg/L	0.001	0.01	0.01	NO	NO	200.8	and
5	Barium	<0.01	mg/L	0.01	2	2			200.8	and
6	Cadmium	<0.000)	mg/L	0.0001	0.005	0.005		ļ	200.8	mo
7	Chromium	<0,007	mg/L	0.007	0.1	0.1			200.8	and
11	Mercury	<0.0002	mg/L	0.0002	0.002	0.002			200.8	m
12	Selenium	<0.002	mg/L	0.002	0.05	0.05			200.8	mo
110	Beryllium	<0.0003	mg/L	0.0003	0.004	0.004		┼── ┨───	200.8	mo
111	Nickel	<0.005	mg/L	0.005	0.1	0.1			200.8	ono
КЪ	Antimony	< 0.003	mg/L	0.003	0.006	0.006			200.8	ono
110	Thallium Cyanide	<0.001	mg/L	0.001	0.002	0.002			4500-CNF	on
116 19	Fluoride	0.2	mg/L mg/L	0.01	2	4			300.0	ono
19	Nitrite - N	<0.1	mg/L	0.1	0.5	1			300.0	ono
20	Nitrate - N	<0.2	mg/L	0.2	5	10			300.0	ms
161	Total Nitrate/Nitrite	<0.4	mg/L	0.5	5	10	J	V	300.0	ono
	1	EPA REGUL	ATED (Second	lary)						
8	Iron	<0.1	mg/L	0.1	0.3	0,3	NO	NO	3111B	ons.
10	Manganese	< 0.01	mg/L	0.01		0.05		1	200.8	OFA
13	Silver	<0.01	mg/L	0.1		0.1		T	200.8	ono
21	Chloride	2	mg/L	20		250			300.0	ons
22	Sulfate	2	mg/L	50		250			300.0	and
24	Zinc	<0.2	mg/L	0.2	5	5	NO	V	200.8	ono
		STATE	REGULATED							
14	Sodium	6	mg/L	5					200.8	ons
15	Hardness	47	mg/L	10					2340C	mo
16	Conductivity	111	umhos/cm	70		700		NO	2510B	ms
17	Turbidity	<0.1	NTU	0.1					2130B	ons
18	Color	< 5:0	color units	15		15		NO	2120B	ono
26	Total Dissolved Solids	NA	mg/L	100	<u> </u>	500			2540C	
	····	STATE UI	VREGULATEI						0000	
9	Lead	<0.001	mg/L	0.001					200.8	mo
	Copper	20.02	mg/L	0.02					200.8	Uno
COMM	ENTS: FC28									