

Laboratory Analysis Report

Client: Herrera Environmental Consultants
1329 N State Suite 200
Bellingham, WA 98225

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Invoice Number: 24-06177

PO Number: —
Project Name: Geneva HPBSM
Received Date: 4/9/2024

Approved By: 
Kent Oostra, CEO
Approved Date: 5/9/2024

Lab #: 21370		Sample: AS-IN-202404090540					Collected Date: 4/9/2024 05:40		
Analyte	EPA #	Results	Result Units	PQL	MDL	Limit Units	Method	Analyst	Date Analyzed
Inorganic Chemistry									
Copper	23	2.68	ug/L	2.00	0.300	ug/L	EPA-200.8-Cu	PR	4/15/2024
Zinc	24	19.2	ug/L	6.00	2.92	ug/L	EPA_200.8-Zn	OS	4/17/2024
Dissolved Metals									
Copper, Dissolved	-	1.55 *JJ	ug/L	2.00	0.300	ug/L	200.8_Cu-dis	PR	4/18/2024
Zinc, dissolved	-	14.6	ug/L	6.00	2.92	ug/L	200.8_Zn-Dis	OS	4/23/2024
State Regulated									
HARDNESS	15	42	mg/L	10	-	mg/L	SM_2340C	EC	4/9/2024
General Chemistry									
Orthophosphate-P		0.0050	mg/L	0.0040	0.0040	mg/L	SM_4500P_E	OS	5/10/2024
Phosphorus, Total	-	0.0130	mg/L	0.0080	0.0080	mg/L	SM_4500_P_E	OS	4/24/2024
Total Suspended Solids (TSS)	-	5.3	mg/L	2.0	-	mg/L	SM_2540D	EC	4/10/2024

Laboratory Analysis Report

Client: Herrera Environmental Consultants

Invoice Number:

24-06177

Lab #: 21371		Sample: AS-OUT-202404090857					Collected Date: 4/9/2024 09:57		
Analyte	EPA #	Results	Result Units	PQL	MDL	Limit Units	Method	Analyst	Date Analyzed
Inorganic Chemistry									
Copper	23	1.49 *JJ	ug/L	2.00	0.300	ug/L	EPA-200.8-Cu	PR	4/15/2024
Zinc	24	<2.92	ug/L	6.00	2.92	ug/L	EPA_200.8-Zn	OS	4/17/2024
Dissolved Metals									
Copper, Dissolved	-	1.07 *JJ	ug/L	2.00	0.300	ug/L	200.8_Cu-dis	PR	4/18/2024
Zinc, dissolved	-	<2.92	ug/L	6.00	2.92	ug/L	200.8_Zn-Dis	OS	4/23/2024
State Regulated									
HARDNESS	15	50	mg/L	10	-	mg/L	SM_2340C	EC	4/9/2024
General Chemistry									
Orthophosphate-P		<0.0040	mg/L	0.0040	0.0040	mg/L	SM_4500P_E	OS	4/10/2024
Phosphorus, Total	-	<0.0080	mg/L	0.0080	0.0080	mg/L	SM_4500_P_E	OS	4/24/2024
Total Suspended Solids (TSS)	-	<1.3	mg/L	1.3	-	mg/L	SM_2540D	EC	4/10/2024

Quality Control Data			
Analyte	Recovery (%)	Limit (%)	DD (%)
Copper	111	85 - 115	15.8
Copper, Dissolved	106	85 - 115	2.8
Total Suspended Solids (TSS)	95	92 - 108	4.4
HARDNESS	100	90 - 110	0.0



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Stormwater Analysis Report

Client: Herrera Environmental Consultants
1329 N State Suite 200
Bellingham, WA 98225

Invoice Number: 24-06177

PO Number:

Project Name: Geneva HPBSM

Contact: Dylan Ahearn

Phone: 360-860-1960

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Date Received: 4/9/2024

Date Reported: 5/9/2024

Approved By:

Kelley Hees

Outsource Quality Control Data			
Analyte	Recovery (%)	Limit (%)	DD (%)
Orthophosphate	98.0	90 - 110	0.00
Total Phosphorus	104	90 - 110	NA
Zinc, Dissolved	107	80 - 120	NA
Zinc, Total	109	80 - 120	NA