

Laboratory Analysis Report

Client: Herrera Environmental Consultants
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Invoice Number: 24-08648

PO Number: —
Project Name: Geneva HPBSM
Received Date: 5/18/2024

Approved By: 
Kent Oostra, CEO
Approved Date: 6/12/2024

Lab #: 29766		Sample: AS-IN		Collected Date: 5/18/2024 03:12					
Analyte	EPA #	Results	Result Units	PQL	MDL	Limit Units	Method	Analyst	Date Analyzed
Inorganic Chemistry									
Copper	23	1.08 *JJ	ug/L	2.00	0.300	ug/L	EPA_200.8-Cu	KN	5/24/2024
ORTHOPHOSPHATE-P	171	<0.013	mg/L	0.050	0.013	mg/L	EPA_300.0_PO4	KOH	5/18/2024
Zinc	24	11.7	ug/L	6.00	2.92	ug/L	EPA_200.8-Zn	OS	6/5/2024
Dissolved Metals									
Copper, Dissolved	-	0.823 *JJ	ug/L	2.00	0.300	ug/L	200.8_Cu-dis	KN	5/24/2024
Zinc, dissolved	-	10.6	ug/L	6.00	2.92	ug/L	200.8_Zn-Dis	OS	6/5/2024
Organic Chemistry									
Diesel Oil Range (C10 -C25 Hydrocarbons)	-	<0.25	mg/L	0.25	0.10	mg/L	NWTPH-Dx	GL	5/21/2024
Heavy Fuel Oil Range (>C25 Hydrocarbons)	-	<0.50	mg/L	0.50	0.20	mg/L	NWTPH-Dx	GL	5/21/2024
General Chemistry									
Phosphorus, Total		0.0150	mg/L	0.0080	0.0080	mg/L	SM_4500_PE-TPhos	OS	5/31/2024
Total Suspended Solids (TSS)	-	3.6	mg/L	2.0	-	mg/L	SM_2540D	EC	5/23/2024

Lab #: 29767		Sample: AS-OUT		Collected Date: 5/18/2024 03:21					
Analyte	EPA #	Results	Result Units	PQL	MDL	Limit Units	Method	Analyst	Date Analyzed
Inorganic Chemistry									
Copper	23	1.63 *JJ	ug/L	2.00	0.300	ug/L	EPA_200.8-Cu	KN	5/24/2024
ORTHOPHOSPHATE-P	171	<0.013	mg/L	0.050	0.013	mg/L	EPA_300.0_PO4	KOH	5/18/2024
Zinc	24	3.36 *JJ	ug/L	6.00	2.92	ug/L	EPA_200.8-Zn	OS	6/5/2024

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24-08648

Lab #: 29767		Sample: AS-OUT					Collected Date: 5/18/2024 03:21		
Analyte	EPA #	Results	Result Units	PQL	MDL	Limit Units	Method	Analyst	Date Analyzed
Dissolved Metals									
Copper, Dissolved	-	1.29 *JJ	ug/L	2.00	0.300	ug/L	200.8_Cu-dis	KN	5/24/2024
Zinc, dissolved	-	<2.92	ug/L	6.00	2.92	ug/L	200.8_Zn-Dis	OS	6/5/2024
Organic Chemistry									
Diesel Oil Range (C10 -C25 Hydrocarbons)	-	<0.25	mg/L	0.25	0.10	mg/L	NWTPH-Dx	GL	5/21/2024
Heavy Fuel Oil Range (>C25 Hydrocarbons)	-	<0.50	mg/L	0.50	0.20	mg/L	NWTPH-Dx	GL	5/21/2024
General Chemistry									
Phosphorus, Total		0.0190	mg/L	0.0080	0.0080	mg/L	SM_4500_PE-TPhos	OS	5/31/2024
Total Suspended Solids (TSS)	-	4.2	mg/L	2.0	-	mg/L	SM_2540D	EC	5/23/2024

Quality Control Data			
Analyte	Recovery (%)	Limit (%)	DD (%)
Copper	103	85 - 115	13.2
Copper, Dissolved	103	85 - 115	6.7
Heavy Fuel Oil Range (>C25 Hydrocarbons)	91	70 - 130	N/A
ORTHOPHOSPHATE-P	94	90 - 110	N/A
Total Suspended Solids (TSS)	99	92 - 108	8.2



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Stormwater Analysis Report

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

Invoice Number: 24-08648

PO Number:

Project Name: Geneva HPBSM

Contact: Dylan Ahearn

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Date Received: 5/18/2024

Date Reported: 6/17/2024

Approved By:

Kelley Hees

Outsource Quality Control Data			
Analyte	Recovery (%)	Limit (%)	DD (%)
Total Phosphorus	105	90 – 110	NA
Zinc, Dissolved	115	80 - 120	NA
Zinc, Total	104	80 - 120	NA