

Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	11/26/24
Project:	RFK Bridge	Date Received:	11/27/24
Client Sample ID:	MW-06	SDG No.:	P5021
Lab Sample ID:	P5021-01	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	N
Injection Volume :		Level :	LOW
		GPC Factor :	1.0
		GPC Cleanup :	N
		PH :	
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140691.D	1	11/27/24 08:40	12/02/24 16:21	PB165296

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
208-96-8	Acenaphthylene	5.10	UQ	1.10	5.10	ug/L
83-32-9	Acenaphthene	11.8		0.83	5.10	ug/L
86-73-7	Fluorene	5.20		0.98	5.10	ug/L
85-01-8	Phenanthrene	5.10	U	0.91	5.10	ug/L
120-12-7	Anthracene	2.70	J	1.10	5.10	ug/L
206-44-0	Fluoranthene	8.90		1.30	5.10	ug/L
129-00-0	Pyrene	6.80	Q	1.10	5.10	ug/L
56-55-3	Benzo(a)anthracene	5.10	UQ	0.96	5.10	ug/L
218-01-9	Chrysene	5.10	UQ	0.88	5.10	ug/L
205-99-2	Benzo(b)fluoranthene	5.10	U	1.20	5.10	ug/L
207-08-9	Benzo(k)fluoranthene	5.10	UQ	1.20	5.10	ug/L
50-32-8	Benzo(a)pyrene	5.10	U	1.70	5.10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.10	U	1.00	5.10	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.10	U	1.20	5.10	ug/L
191-24-2	Benzo(g,h,i)perylene	5.10	U	1.20	5.10	ug/L
SURROGATES						
4165-60-0	Nitrobenzene-d5	89.8		49 - 133	90%	SPK: 100
321-60-8	2-Fluorobiphenyl	83.0		52 - 132	83%	SPK: 100
1718-51-0	Terphenyl-d14	80.1		48 - 125	80%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	83000		6.869		
1146-65-2	Naphthalene-d8	310000		8.151		
15067-26-2	Acenaphthene-d10	187000		9.904		
1517-22-2	Phenanthrene-d10	344000		11.398		
1719-03-5	Chrysene-d12	220000		14.045		
1520-96-3	Perylene-d12	187000		15.551		

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Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	N
Injection Volume :		GPC Factor :	1.0
Prep Method :	SW3510C	Level :	LOW
		Final Vol:	1000
		Test:	SVOCMS Group1
		GPC Cleanup :	N
		PH :	

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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products