Alliance TECHNICAL GROUP
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Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	10/23/25
Project:	RFK Bridge RMB-Randall Island	Date Received:	10/24/25
Client Sample ID:	MW-06	SDG No.:	Q3468
Lab Sample ID:	Q3468-01	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	980 mL Final Vol: 1000 uL	Test:	SVOCMS Group1
Prep Method :	3510C Prep Date: 10/28/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
208-96-8	Acenaphthylene	5.10	U	1	0.77	5.10	ug/L	10/29/25 18:56	PB170286
83-32-9	Acenaphthene	14.2		1	0.56	5.10	ug/L	10/29/25 18:56	PB170286
86-73-7	Fluorene	7.20		1	0.64	5.10	ug/L	10/29/25 18:56	PB170286
85-01-8	Phenanthrene	6.10		1	0.51	5.10	ug/L	10/29/25 18:56	PB170286
120-12-7	Anthracene	3.50	J	1	0.62	5.10	ug/L	10/29/25 18:56	PB170286
206-44-0	Fluoranthene	6.90		1	0.84	5.10	ug/L	10/29/25 18:56	PB170286
129-00-0	Pyrene	4.70	J	1	0.51	5.10	ug/L	10/29/25 18:56	PB170286
56-55-3	Benzo(a)anthracene	5.10	U	1	0.46	5.10	ug/L	10/29/25 18:56	PB170286
218-01-9	Chrysene	5.10	U	1	0.45	5.10	ug/L	10/29/25 18:56	PB170286
205-99-2	Benzo(b)fluoranthene	5.10	U	1	0.50	5.10	ug/L	10/29/25 18:56	PB170286
207-08-9	Benzo(k)fluoranthene	5.10	U	1	0.49	5.10	ug/L	10/29/25 18:56	PB170286
50-32-8	Benzo(a)pyrene	5.10	U	1	0.56	5.10	ug/L	10/29/25 18:56	PB170286
193-39-5	Indeno(1,2,3-cd)pyrene	5.10	U	1	0.60	5.10	ug/L	10/29/25 18:56	PB170286
53-70-3	Dibenzo(a,h)anthracene	5.10	U	1	0.68	5.10	ug/L	10/29/25 18:56	PB170286
191-24-2	Benzo(g,h,i)perylene	5.10	U	1	0.70	5.10	ug/L	10/29/25 18:56	PB170286
SURROGATES									
4165-60-0	Nitrobenzene-d5	120			67 - 132	120%	SPK: 100		
321-60-8	2-Fluorobiphenyl	95.3			52 - 132	95%	SPK: 100		
1718-51-0	Terphenyl-d14	96.2			42 - 152	96%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	29700							
1146-65-2	Naphthalene-d8	117000							
15067-26-2	Acenaphthene-d10	94500							
1517-22-2	Phenanthrene-d10	229000							
1719-03-5	Chrysene-d12	284000							
1520-96-3	Perylene-d12	313000							

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