

Report of Analysis

Client:	Tetra Tech NUS, Inc.		Date Collected:	11/18/25
Project:	NWIRP Bethpage 112G08005-WE13		Date Received:	11/20/25
Client Sample ID:	RW5-SP100-20251118		SDG No.:	Q3692
Lab Sample ID:	Q3692-01		Matrix:	Water
Analytical Method:	SW8270ESIM	Level: LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 1000 uL	Test:	SVOC-SIMGroup1
Prep Method :	3510C	Prep Date: 11/21/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS										
123-91-1	1,4-Dioxane	4.90		1	0.070	0.20	0.20	ug/L	12/02/25 02:55	PB170712
SURROGATES										
7297-45-2	2-Methylnaphthalene-d10	0.29			30 - 150		73%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.44			30 - 150		109%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.35			55 - 111		86%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.37			53 - 106		92%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.43			58 - 132		108%	SPK: 0.4		
INTERNAL STANDARDS										
		Area Count								
3855-82-1	1,4-Dichlorobenzene-d4	8500								
1146-65-2	Naphthalene-d8	23800								
15067-26-2	Acenaphthene-d10	10800								
1517-22-2	Phenanthrene-d10	17200								
1719-03-5	Chrysene-d12	13100								
1520-96-3	Perylene-d12	13400								

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