

Report of Analysis

Client:	Tetra Tech NUS, Inc.		Date Collected:	07/31/25
Project:	NWIRP Bethpage - CTO WE13 1132341 WR6		Date Received:	08/01/25
Client Sample ID:	RW8-SP100-20250731		SDG No.:	Q2745
Lab Sample ID:	Q2745-01		Matrix:	Water
Analytical Method:	SW8270ESIM		% Solid:	0
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	SVOC-SIMGroup1
Extraction Type :		Decanted : N	Level :	LOW
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN037561.D	1	08/04/25 08:40	08/05/25 10:47	PB169094

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
123-91-1	1,4-Dioxane	0.070	U	0.070	0.20	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.32		20 - 139	79%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.38		54 - 157	94%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.34		27 - 154	85%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.38		30 - 155	96%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.46		54 - 175	114%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	2320	7.717			
1146-65-2	Naphthalene-d8	5680	10.498			
15067-26-2	Acenaphthene-d10	2800	14.345			
1517-22-2	Phenanthrene-d10	5310	17.087			
1719-03-5	Chrysene-d12	4330	21.277			
1520-96-3	Perylene-d12	3860	23.508			

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