

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	07/17/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	07/18/25
Client Sample ID:	RW5-SP201-20250717	SDG No.:	Q2642
Lab Sample ID:	Q2642-02	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
BN037535.D	1	07/21/25 09:10	07/22/25 12:40	PB168952

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.20	U	0.070	0.20	0.20	ug/L
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.19		30 - 150		47%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.21		30 - 150		52%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.18	*	55 - 111		45%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.21	*	53 - 106		52%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.28		58 - 132		71%	SPK: 0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2290	7.724				
1146-65-2	Naphthalene-d8	5660	10.509				
15067-26-2	Acenaphthene-d10	2880	14.356				
1517-22-2	Phenanthrene-d10	5460	17.087				
1719-03-5	Chrysene-d12	4450	21.277				
1520-96-3	Perylene-d12	4000	23.514				

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