

Report of Analysis

Client:	Tetra Tech NUS, Inc.		Date Collected:	05/30/25	
Project:	NWIRP Bethpage 112G08005-WE13		Date Received:	06/02/25	
Client Sample ID:	VPB182-HYD-20250530		SDG No.:	Q2186	
Lab Sample ID:	Q2186-09		Matrix:	Water	
Analytical Method:	SW8270ESIM		% Solid:	0	
Sample Wt/Vol:	890	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
BN037176.D	1	06/04/25 11:46	06/05/25 12:08	PB168286

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.22	U	0.070	0.22	0.22	ug/L
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.028	*	30 - 150		7%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.17		30 - 150		41%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.34		55 - 111		84%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.42		53 - 106		104%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.45		58 - 132		112%	SPK: 0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2280	7.589				
1146-65-2	Naphthalene-d8	5470	10.372				
15067-26-2	Acenaphthene-d10	2730	14.234				
1517-22-2	Phenanthrene-d10	4700	16.984				
1719-03-5	Chrysene-d12	3530	21.18				
1520-96-3	Perylene-d12	3290	23.374				

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