

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	05/16/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	05/19/25
Client Sample ID:	VPB182-HYD-20250516	SDG No.:	Q2082
Lab Sample ID:	Q2082-12	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
BN037118.D	1	05/21/25 08:41	05/28/25 20:47	PB168100

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	0.0080	*	30 - 150		2%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.032	*	30 - 150		8%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.28		55 - 111		71%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.41		53 - 106		103%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.46		58 - 132		114%	SPK: 0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2060	7.611				
1146-65-2	Naphthalene-d8	5060	10.394				
15067-26-2	Acenaphthene-d10	2510	14.256				
1517-22-2	Phenanthrene-d10	4250	17.009				
1719-03-5	Chrysene-d12	3090	21.198				
1520-96-3	Perylene-d12	2550	23.398				

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