

LAB CHRONICLE

OrderID:	Q3866	OrderDate:	12/12/2025 3:23:00 PM
Client:	AECOM Technical Services, Inc.	Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258
Contact:	Eleanor Vivaudou	Location:	G21,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3866-01	EB01-M2-20251212	WATER			12/12/25 09:30			12/12/25
			Hexavalent Chromium	7196A			12/15/25 12:42	
Q3866-03	FB01-M2-20251212	WATER			12/12/25 11:00			12/12/25
			Hexavalent Chromium	7196A			12/15/25 12:42	
Q3866-05	TTMW304D-20251211	WATER			12/11/25 13:07			12/12/25
			Hexavalent Chromium	7196A			12/15/25 12:43	



SAMPLE DATA

A

B

C

D

Report of Analysis

Client: AECOM Technical Services, Inc. Date Collected: 12/12/25 09:30
Project: NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258 Date Received: 12/12/25
Client Sample ID: EB01-M2-20251212 SDG No.: Q3866
Lab Sample ID: Q3866-01 Matrix: WATER
% Solid: 0

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Dissolved Hexavalent Chromium	0.0050	U	1	0.0030	0.0050	0.010	mg/L		12/15/25 12:42	7196A

Comments: _____

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N = Spiked sample recovery not within control limits

Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	12/12/25 11:00
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	12/12/25
Client Sample ID:	FB01-M2-20251212	SDG No.:	Q3866
Lab Sample ID:	Q3866-03	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Dissolved Hexavalent Chromium	0.0050	U	1	0.0030	0.0050	0.010	mg/L		12/15/25 12:42	7196A

Comments: _____

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 D = Dilution
 Q = indicates LCS control criteria did not meet requirements
 H = Sample Analysis Out Of Hold Time

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 * = indicates the duplicate analysis is not within control limits.
 E = Indicates the reported value is estimated because of the presence of interference.
 OR = Over Range
 N =Spiked sample recovery not within control limits

Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	12/11/25 13:07
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	12/12/25
Client Sample ID:	TTMW304D-20251211	SDG No.:	Q3866
Lab Sample ID:	Q3866-05	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Dissolved Hexavalent Chromium	0.0050	U	1	0.0030	0.0050	0.010	mg/L		12/15/25 12:43	7196A

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time

J = Estimated Value
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E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N = Spiked sample recovery not within control limits

QC RESULT SUMMARY

Initial and Continuing Calibration Verification

Client: AECOM Technical Services, Inc.

SDG No.: Q3866

Project: NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258

RunNo.: LB138223

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV Hexavalent Chromium	mg/L	0.502	0.5	100	90-110	12/15/2025
Sample ID: CCV1 Hexavalent Chromium	mg/L	0.498	0.5	100	90-110	12/15/2025
Sample ID: CCV2 Hexavalent Chromium	mg/L	0.501	0.5	100	90-110	12/15/2025

Initial and Continuing Calibration Blank Summary

Client: AECOM Technical Services, Inc.

SDG No.: Q3866

Project: NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258

RunNo.: LB138223

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	12/15/2025
Sample ID: CCB1 Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	12/15/2025
Sample ID: CCB2 Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	12/15/2025

Preparation Blank Summary

Client: AECOM Technical Services, Inc.

SDG No.: Q3866

Project: NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: LB138223BL							
Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.003	0.01	12/15/2025

Matrix Spike Summary

Client:	AECOM Technical Services, Inc.	SDG No.:	Q3866
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Sample ID:	Q3866-05
Client ID:	TTMW304D-20251211MS	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Hexavalent Chromium	mg/L	90-111	0.96		0.0030	U	1.0	2	96		12/15/2025

Matrix Spike Summary

Client:	AECOM Technical Services, Inc.	SDG No.:	Q3866
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Sample ID:	Q3866-05
Client ID:	TTMW304D-20251211MSD	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Hexavalent Chromium	mg/L	90-111	0.95		0.0030	U	1.0	2	95		12/15/2025

Duplicate Sample Summary

Client:	AECOM Technical Services, Inc.	SDG No.:	Q3866
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Sample ID:	Q3866-05
Client ID:	TTMW304D-20251211DUP	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/AD	Qual	Analysis Date
Hexavalent Chromium	mg/L	+/-20	0.0030	U	0.0030	U	1	0		12/15/2025

Duplicate Sample Summary

Client:	AECOM Technical Services, Inc.	SDG No.:	Q3866
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Sample ID:	Q3866-05
Client ID:	TTMW304D-20251211MSD	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Hexavalent Chromium	mg/L	+/-20	0.96		0.95		2	1.68		12/15/2025

Laboratory Control Sample Summary

Client:	AECOM Technical Services, Inc.	SDG No.:	Q3866
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Run No.:	LB138223

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB138223BS							
Hexavalent Chromium	mg/L	0.5	0.51		102	1	90-111	12/15/2025