

LAB CHRONICLE

OrderID:	Q3840	OrderDate:	12/11/2025 12:37:00 PM
Client:	AECOM Technical Services, Inc.	Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258
Contact:	Eleanor Vivaudou	Location:	D11,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3840-01	BPS1-FW-MW01-2025 1208	WATER	Hexavalent Chromium	7196A	12/08/25 13:37		12/11/25 17:17	12/11/25
Q3840-03	BPS1-FW-MW01I-202 51208	WATER	Hexavalent Chromium	7196A	12/08/25 15:45		12/11/25 17:19	12/11/25
Q3840-05	BPS1-FW-MW02-2025 1209	WATER	Hexavalent Chromium	7196A	12/09/25 12:25		12/11/25 17:19	12/11/25
Q3840-07	BPHN-MW29I-202512 09	WATER	Hexavalent Chromium	7196A	12/09/25 14:15		12/11/25 17:20	12/11/25
Q3840-09	BPHN-MW29D-20251 210	WATER	Hexavalent Chromium	7196A	12/10/25 09:43		12/11/25 17:20	12/11/25
Q3840-11	TTMW3015-20251210	WATER	Hexavalent Chromium	7196A	12/10/25 11:40		12/11/25 17:22	12/11/25
Q3840-13	DUP01-M2-20251210	WATER	Hexavalent Chromium	7196A	12/10/25 12:05		12/11/25 17:22	12/11/25

LAB CHRONICLE

Q3840-15	TTMW301I-20251210	WATER			12/10/25 13:02		12/11/25
			Hexavalent Chromium	7196A		12/11/25 17:23	
Q3840-17	TTMW3045-20251211	WATER			12/11/25 08:47		12/11/25
			Hexavalent Chromium	7196A		12/11/25 17:23	
Q3840-19	DUP02-M2-20251211	WATER			12/11/25 10:15		12/11/25
			Hexavalent Chromium	7196A		12/11/25 17:24	
Q3840-21	TTMW304I1-2025121 1	WATER			12/11/25 09:55		12/11/25
			Hexavalent Chromium	7196A		12/11/25 17:24	
Q3840-23	TTMW304I2-2025121 1	WATER			12/11/25 11:22		12/11/25
			Hexavalent Chromium	7196A		12/11/25 17:25	



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	12/08/25 13:37
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	12/11/25
Client Sample ID:	BPS1-FW-MW01-20251208	SDG No.:	Q3840
Lab Sample ID:	Q3840-01	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		12/11/25 17:17	7196A

Comments: _____

U = Not Detected
LOQ = Limit of Quantitation
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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:	12/08/25 15:45
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	12/11/25
Client Sample ID:	BPS1-FW-MW011-20251208	SDG No.:	Q3840
Lab Sample ID:	Q3840-03	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		12/11/25 17:19	7196A

Comments: _____

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Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	12/09/25 12:25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	12/11/25
Client Sample ID:	BPS1-FW-MW02-20251209	SDG No.:	Q3840
Lab Sample ID:	Q3840-05	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		12/11/25 17:19	7196A

Comments: _____

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Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	12/09/25 14:15
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	12/11/25
Client Sample ID:	BPHN-MW29I-20251209	SDG No.:	Q3840
Lab Sample ID:	Q3840-07	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		12/11/25 17:20	7196A

Comments: _____

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Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	12/10/25 09:43
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	12/11/25
Client Sample ID:	BPHN-MW29D-20251210	SDG No.:	Q3840
Lab Sample ID:	Q3840-09	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		12/11/25 17:20	7196A

Comments: _____

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Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	12/10/25 11:40
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	12/11/25
Client Sample ID:	TTMW3015-20251210	SDG No.:	Q3840
Lab Sample ID:	Q3840-11	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Dissolved Hexavalent Chromium	0.0030	J	1	0.0030	0.0050	0.010	mg/L		12/11/25 17:22	7196A

Comments: _____

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Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	12/10/25 12:05
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	12/11/25
Client Sample ID:	DUP01-M2-20251210	SDG No.:	Q3840
Lab Sample ID:	Q3840-13	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		12/11/25 17:22	7196A

Comments: _____

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Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	12/10/25 13:02
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	12/11/25
Client Sample ID:	TTMW3011-20251210	SDG No.:	Q3840
Lab Sample ID:	Q3840-15	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Dissolved Hexavalent Chromium	0.010		1	0.0030	0.0050	0.010	mg/L		12/11/25 17:23	7196A

Comments: _____

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Report of Analysis

Client: AECOM Technical Services, Inc. Date Collected: 12/11/25 08:47
Project: NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258 Date Received: 12/11/25
Client Sample ID: TTMW3045-20251211 SDG No.: Q3840
Lab Sample ID: Q3840-17 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		12/11/25 17:23	7196A

Comments: _____

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Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	12/11/25 10:15
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	12/11/25
Client Sample ID:	DUP02-M2-20251211	SDG No.:	Q3840
Lab Sample ID:	Q3840-19	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		12/11/25 17:24	7196A

Comments: _____

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Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	12/11/25 09:55
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	12/11/25
Client Sample ID:	TTMW304I1-20251211	SDG No.:	Q3840
Lab Sample ID:	Q3840-21	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Dissolved Hexavalent Chromium	0.046		1	0.0030	0.0050	0.010	mg/L		12/11/25 17:24	7196A

Comments: _____

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Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	12/11/25 11:22
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	12/11/25
Client Sample ID:	TTMW304I2-20251211	SDG No.:	Q3840
Lab Sample ID:	Q3840-23	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Dissolved Hexavalent Chromium	0.097		1	0.0030	0.0050	0.010	mg/L		12/11/25 17:25	7196A

Comments: _____

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QC RESULT SUMMARY

Initial and Continuing Calibration Verification

Client: AECOM Technical Services, Inc.

SDG No.: Q3840

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

RunNo.: LB138204

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV Hexavalent Chromium	mg/L	0.505	0.5	101	90-110	12/11/2025
Sample ID: CCV1 Hexavalent Chromium	mg/L	0.498	0.5	100	90-110	12/11/2025
Sample ID: CCV2 Hexavalent Chromium	mg/L	0.500	0.5	100	90-110	12/11/2025
Sample ID: CCV3 Hexavalent Chromium	mg/L	0.499	0.5	100	90-110	12/11/2025

Initial and Continuing Calibration Blank Summary

Client: AECOM Technical Services, Inc.

SDG No.: Q3840

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

RunNo.: LB138204

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	12/11/2025
Sample ID: CCB1 Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	12/11/2025
Sample ID: CCB2 Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	12/11/2025
Sample ID: CCB3 Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	12/11/2025

Preparation Blank Summary

Client: AECOM Technical Services, Inc.

SDG No.: Q3840

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

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: LB138204BL							
Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.003	0.01	12/11/2025

Matrix Spike Summary

Client:	AECOM Technical Services, Inc.	SDG No.:	Q3840
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Sample ID:	Q3840-01
Client ID:	BPS1-FW-MW01-20251208MS	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	0.97		0.0030	U	1.0	2	97		12/11/2025

Matrix Spike Summary

Client:	AECOM Technical Services, Inc.	SDG No.:	Q3840
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Sample ID:	Q3840-01
Client ID:	BPS1-FW-MW01-20251208MSD	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	0.97		0.0030	U	1.0	2	97		12/11/2025

Duplicate Sample Summary

Client:	AECOM Technical Services, Inc.	SDG No.:	Q3840
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Sample ID:	Q3840-01
Client ID:	BPSI-FW-MW01-20251208DUP	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		12/11/2025

Duplicate Sample Summary

Client: AECOM Technical Services, Inc. **SDG No.:** Q3840
Project: NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258 **Sample ID:** Q3840-01
Client ID: BPS1-FW-MW01-20251208MSD **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	0.97		0.97		2	0.41		12/11/2025

Laboratory Control Sample Summary

Client:	AECOM Technical Services, Inc.	SDG No.:	Q3840
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Run No.:	LB138204

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB138204BS							
Hexavalent Chromium	mg/L	0.5	0.52		103	1	90-111	12/11/2025