

DATE: Monday, August 4, 2025

PROJECT/JOB#: 1303001 AESC WELL PV

TO: Tatinia Phinisee
Cynthia Catolos
Sandra Strauss-Jones
Andrew Moore
John Cox
Greg Warren
Sergio Cantu
AnneMarie Morman
Rob Hudock
Deb Ebersole
Austin Oliver

FROM: Andres Rodriguez-Burns

SUBJECT: AESC – Water Pre-Testing

BranchPattern completed Water Pre-Testing in compliance with W05 Drinking Water Quality Management (v2, Q1-Q3 2023) at Austin Energy Service Center on 6/24/25. The testing agent, Andres Rodriguez-Burns, completed the following scope of work according to requirements outlined in the WELL Building Standard:

- Turbidity, Coliforms, ph, Total Dissolved Solids (TDS), Free/Total Chlorine, Arsenic, Lead/Copper, Nitrate, and Benzene were all tested on 6/24/25. At this time, the full WELL PV has not been scheduled, and the project will inherently complete the full WELL PV at least one month after pre-testing was completed.
- Samples were collected according to the following requirements”
 - a water dispenser that was closest to the water entry into the building, before any point-of-entry water treatment systems
 - a second water dispenser (since more than 2 floors) on the highest floor that is the farthest location from the water entry into the building
- Where applicable, samples were collected from sinks rather than drinking fountains to bypass point-of-use filters that were installed on the drinking fountains.
- Exact sample locations and water quality pre-testing lab results are provided in the subsequent pages .

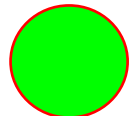
GENERAL NOTES: FLOOR PLAN

1. ALL DIMENSIONS ARE TO FACE OF PARTITIONS UNLESS OTHERWISE NOTED.
2. THE INSIDE FACE OF ALL DOOR JAMBS IS TO BE LOCATED 4 INCHES FROM INSIDE CORNER UNLESS NOTED OR SHOWN OTHERWISE.
3. PROVIDE IN-WALL F.E.T. BLOCKING AT ALL TV LOCATIONS, TYPICAL.
4. UNLESS INDICATED OTHERWISE, ALL NEW INTERIOR PARTITIONS ARE TYPE F.
5. WAREHOUSE WALL PROTECTION:
8 FT. TALL SHEETS OF 5/8" F.R.T. PLYWOOD, PN-1, 1" BEUL OF CYSPURD BOARD FINISH. LOCATIONS INDICATED IN PLAN.
6. ALL TILT/PANEL DIMENSIONS ARE TO CENTERLINE OF 3/4" JOINT AND END OF PANELS AT EXTERIOR CORNERS. REEF. STRUCTURAL.

L10 FLOOR PLAN - ENTRY WAY
3/4" = 1'-0"

$$3/4'' = 1'-0''$$

Water Quality Sample Point



A1 **FLOOR PLAN - AREA A**
1/8" = 1'-0"

1/8" = 1'-0"

A10 FLOOR PLAN - AREA B
1/8" = 1'-0"

$$1/8'' = 1'-0''$$

Turbidity: 0.06, 0.07, 0.06
Free Chlorine: 0.18, 0.03, 0
Total Chlorine, 0, 0, 0
pH: 8.00

Turbidity: 0.24, 0.27, 0.24
Free Chlorine: 0, 0, 0
Total Chlorine, 0, 0, 0
pH: 8.41

Central File Path: Autodesk Docs://00.00000.00 Example Project/STG Design/New File-AR (Central 2022)
Local File Path: Autodesk Docs://16.23496.00 TCC - All Service Center/All Service Center-AR (Central 2023).nt

Plot Date: 5/1/2025 1:57:24 PM



Plot Date: 11/11/2023 12:09 PM
C:\Users\jg\OneDrive\Documents\Projects\A143\A143-Floor Plan.dwg
Local Plot Path: AutoCAD 2023\11.2.2023\11.2.2023.dwg
Local Plot Path: AutoCAD 2023\11.2.2023\11.2.2023.dwg

A1 FLOOR PLAN - AUSTIN ENERGY ROOM NUMBERING
1/16" = 1'-0"

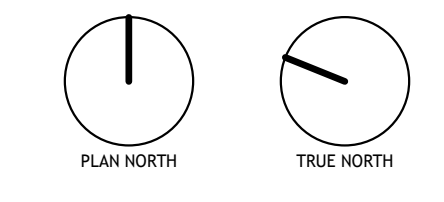


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the project authorized by the architectural
design team and its consultants as of
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**CAMERON
INDUSTRIAL PARK -
PHASE 1**
14910 CAMERON ROAD
AUSTIN, TX 78660

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Issues
Project Number: 16.22496.00
Project Lead: SG
**AUSTIN ENERGY ROOM
NUMBERING**

A-143



Main Site: 301 Fulling Mill Road | Middletown, PA 17057 | Phone: 717-944-5541 | www.alsglobal.com
Associated Site: 20 Riverside Drive | Spring City, PA 19475 | Phone: 610-948-4903 |

NELAP Certifications: NJ PA010 , NY 11759 , PA 22-293 DoD ELAP: PJLA 74618
State Certifications: FL E871113 , WA C999 , MD 128 , VA 460157 , WV DW 9961-C , WV 343, NJ PA101

Analytical Results Report For

BranchPattern

Project 2025-AESC Water Pre-Test
Workorder 3422326
Report ID 437592 on 7/10/2025

Certificate of Analysis

Enclosed are the analytical results for samples received by the laboratory on Jun 25, 2025.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Cheyenne Petersen (Project Coordinator) at (717) 944-5541.

Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads.

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ALS Middletown: 301 Fulling Mill Road, Middletown, PA 17057 : 717-944-5541.

Recipient(s):

Andres Rodriguez-Burns - BranchPattern
Austin Oliver - BranchPattern
Hetvi Vora - BranchPattern

Cheyenne Petersen

This page is included as part of the Analytical Report and must be retained as a permanent record thereof.

Cheyenne Petersen
Project Coordinator

(ALS Digital Signature)



Sample Summary

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collector	Collection Company
3422326001	SS-1	Drinking Water	06/24/2025 11:00	06/25/2025 09:59	CBC	Collected By Client
3422326002	DF-1	Drinking Water	06/24/2025 11:00	06/25/2025 09:59	CBC	Collected By Client



Reference

Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- Except as qualified, Clean Water Act sample analyses are consistent with methodology requirements in 40 CFR Part 136, including but not limited to the following EPA Method reference revisions:
EPA 300.1 Rev. 1.0-1997
EPA 300.0 Rev. 2.1-1993
EPA 353.2 Rev. 2.0-1993
EPA 410.4 Rev. 1.0-1993
EPA 420.4 Rev. 1.0-1993
EPA 365.1 Rev. 2.0-1993
EPA 200.7 Rev. 4.4-1994
EPA 200.8 Rev. 5.4-1994
EPA 245.1 Rev. 3.0-1994
- Except as qualified, Safe Drinking Water Act sample analyses are consistent with methodology requirements in 40 CFR Part 141.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are preformed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix "S" followed by a method number (such as S2310B-97) refer to methods from "Standard Methods for the Examination of Water and Wastewater".
- For microbiological analyses, the "Prepared" value is the date/time into the incubator and the "Analyzed" value is the date/time out the incubator.
- An Analysis-Prep Method Cross Reference Table is included after Analytical Results & Qualifiers section in this report.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.

Standard Acronyms/Flags

J	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND) above the MDL
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Practical Quantitation Limit for this Project
ND	Not Detected - indicates that the analyte was Not Detected
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference
LOD	DoD Limit of Detection
LOQ	DoD Limit of Quantitation
DL	DoD Detection Limit
I	Indicates reported value is greater than or equal to the Method Detection Limit (MDL) but less than the Report Detection Limit (RDL)
(S)	Surrogate Compound
NC	Not Calculated
*	Result outside of QC limits
#	Please reference the result in the Results Section for analyte-level flags.



Project Notations

Sample Notations

Lab ID

Sample ID

Result Notations

Notation Ref.

1

The Total Coliform analysis indicates that the sample does not exceed the drinking water limit established by the USEPA for Total Coliform and is considered to be bacteriologically potable. Zero Total Coliform colonies were detected.



Detected Results Summary

Client Sample ID	SS-1	Collected	06/24/2025 11:00
Lab Sample ID	3422326001	Lab Receipt	06/25/2025 09:59

Compound	Result	Units	RDL	Method	Flag
METALS					
Copper, Total	0.29	mg/L	0.0050	EPA 200.8	#
WET CHEMISTRY					
Total Dissolved Solids	256	mg/L	25	SM2540C-15	#



Detected Results Summary

Client Sample ID	DF-1	Collected	06/24/2025 11:00
Lab Sample ID	3422326002	Lab Receipt	06/25/2025 09:59

Compound	Result	Units	RDL	Method	Flag
METALS					
Copper, Total	0.11	mg/L	0.0050	EPA 200.8	#
WET CHEMISTRY					
Total Dissolved Solids	274	mg/L	25	SM2540C-15	#



Results

Client Sample ID	SS-1	Collected	06/24/2025 11:00
Lab Sample ID	3422326001	Lab Receipt	06/25/2025 09:59

METALS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Arsenic, Total	ND	ND	mg/L	0.0030	EPA 200.8	1	07/10/2025 10:16	JMS	C
Copper, Total	0.29		mg/L	0.0050	EPA 200.8	1	07/10/2025 10:16	JMS	C
Lead, Total	ND	ND	mg/L	0.0020	EPA 200.8	1	06/30/2025 20:21	JMS	C

MICROBIOLOGY

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
E. Coli	ND	ND	MPN/100mL	1	SM9223B-16	1	06/26/2025 11:13	AYA	A
Total Coliform	ND	ND,1	MPN/100mL	1	SM9223B-16	1	06/26/2025 11:13	AYA	A

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Benzene	ND	ND	ug/L	0.50	EPA 524.2	1	07/04/2025 03:12	PDK	D

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichlorobenzene-d4	2199-69-1	99.1%	70 – 130	07/04/2025 03:12	
4-Bromofluorobenzene	460-00-4	89.3%	70 – 130	07/04/2025 03:12	

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Nitrate-N	ND	ND	mg/L	1.0	EPA 300.0	2	06/25/2025 19:10	J1W	B
Total Dissolved Solids	256		mg/L	25	SM2540C-15	1	06/26/2025 13:50	RAG	B



Results

Client Sample ID	DF-1	Collected	06/24/2025 11:00
Lab Sample ID	3422326002	Lab Receipt	06/25/2025 09:59

METALS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Arsenic, Total	ND	ND	mg/L	0.0030	EPA 200.8	1	07/10/2025 10:20	JMS	C
Copper, Total	0.11		mg/L	0.0050	EPA 200.8	1	07/10/2025 10:20	JMS	C
Lead, Total	ND	ND	mg/L	0.0020	EPA 200.8	1	06/30/2025 20:24	JMS	C

MICROBIOLOGY

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
E. Coli	ND	ND	MPN/100mL	1	SM9223B-16	1	06/26/2025 11:13	AYA	A
Total Coliform	ND	ND,1	MPN/100mL	1	SM9223B-16	1	06/26/2025 11:13	AYA	A

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Benzene	ND	ND	ug/L	0.50	EPA 524.2	1	07/04/2025 03:34	PDK	D

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichlorobenzene-d4	2199-69-1	93.4%	70 – 130	07/04/2025 03:34	
4-Bromofluorobenzene	460-00-4	88.9%	70 – 130	07/04/2025 03:34	

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Nitrate-N	ND	ND	mg/L	1.0	EPA 300.0	2	06/25/2025 20:18	J1W	B
Total Dissolved Solids	274		mg/L	25	SM2540C-15	1	06/26/2025 13:50	RAG	B



Sample - Method Cross Reference Table

Lab ID	Sample ID	Analysis Method	Preparation Method	Leachate Method
3422326001	SS-1	EPA 200.8	EPA ACIDT	
		SM9223B-16	SM9223B-16	
		EPA 524.2	N/A	
		EPA 300.0	N/A	
		SM2540C-15	N/A	
3422326002	DF-1	EPA 200.8	EPA ACIDT	
		SM9223B-16	SM9223B-16	
		EPA 524.2	N/A	
		EPA 300.0	N/A	
		SM2540C-15	N/A	

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Lab ID	Sample ID	Preparation Method	Prep Batch	Prep Date/Time	By	Analysis Method	Anly Batch
3422326001	SS-1	EPA ACIDT	1449651	06/30/2025 15:00	RBP	EPA 200.8	1449657
		EPA ACIDT	1449651	06/30/2025 15:00	RBP	EPA 200.8	1449840
		SM9223B-16	1448256	06/25/2025 16:53	CRM	SM9223B-16	1448257
		SM9223B-16	1448256	06/25/2025 16:53	CRM	SM9223B-16	1448258
		N/A	N/A	N/A		EPA 524.2	1450369
		N/A	N/A	N/A		EPA 300.0	1448134
		N/A	N/A	N/A		SM2540C-15	1448286
3422326002	DF-1	EPA ACIDT	1449651	06/30/2025 15:00	RBP	EPA 200.8	1449657
		EPA ACIDT	1449651	06/30/2025 15:00	RBP	EPA 200.8	1449840
		SM9223B-16	1448256	06/25/2025 16:53	CRM	SM9223B-16	1448257
		SM9223B-16	1448256	06/25/2025 16:53	CRM	SM9223B-16	1448258
		N/A	N/A	N/A		EPA 524.2	1450369
		N/A	N/A	N/A		EPA 300.0	1448134
		N/A	N/A	N/A		SM2540C-15	1448286



CHAIN OF CUSTODY/

301 Fulling Mill Rd, Suite A
Middletown, PA 17057
P. 717-944-5541

3422326

Logged By: GRD
PM: CPP

COC #:

ALS Quote:

Client Name: BRANCH PATTERN

Address:

4815 Mueller Blvd

Austin TX 78723

Contact: Andrés Rodríguez-Burns

Phone#: 913-110-5350

Project Name#: Austin Energy Service Center

Bill To: *ADDRES*

Purchase Order #:

	X	Normal-Standard TAT is 10-12 business days.
--	---	---

☐ **Rush-Subject to ALS approval and surcharges.**

Date Required: _____

Email? ☒ ANDRES R. BRANLEY PATTERSON.COM

Sample Description/Location (as it will appear on the lab report)	Date received mm/dd/yy	Time hh:mm
1 SS-1	06/24/25	11:00
2 OF-1	06/25/25	11:00
3		
4		
5		
6		
7		
8		
9		
10		

Comments:

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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Circle Sample Collector: AL3 TECH

Date:	Time	Page
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11/10/20	11/10/20	11/10/20
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11	5717100
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[illegible]

	c	
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7		
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	9	
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* G=Grab; C=Composite

Signature denotes acceptance of A L S Group USA, Corp. Terms and Conditions - Visit link for detailed Terms & Conditions: <https://www.alsglobal.com/ALSGroupUSACorpTTC>

7/10/2025 4:50 PM

11 of 12

Rev. 11/25/2024



Middletown Sample Condition Form

Client Branch Pattern Workorder 3422326
Temp °C 15 Therm ID 649 Ice? Y N N/A Initials & Date GPD 6/25/25
Fedex UPS Client ALS Other Tracking # 7467 3855 1535

	Yes	No ¹	N/A	Comments
Cooler Custody Seals present & intact			X	
Sample Custody Seals present & intact			X	
Chain-of-Custody present	X			
Sample collector name present <i>If not present, must contact PM/client to request name.</i>	X			
COC/bottle labels complete & in agreement		X		
•Sample location	X			
•Date and time of sample collection	X			
•Type(s) of preservation		X		UC
•Number of containers	X			
•Composite or grab	X			
•Matrix	X			
Proper containers, preservation, and volume per method	X			
Received within hold time	X			
Containers intact	X			
Trip blanks present (EPA 504, EPA 524)			X	
Field blanks present (Hg 1631, PFAS)				
NJ ≤ 4 Days				
CR6 Samples Filtered				
OP Samples Filtered				
WV Containers 0-6°C				
SDWA compliance reporting			X	

¹ If No, provide comment

Rad Screen (uCi) _____

PM - PM to contact client
N/A - Not Applicable
UC - Updated coc with missing information

Review Comments:

