



9399 West Higgins Road Suite 1100
Rosemont, IL 60018

Phone: 847 430 1219
Fax: 847 430 2219

IBWA STANDARD OF QUALITY REPORT

Customer Name: Southeast Texas Water Culligan
Customer Address: 850 McFaddin Ave
Beaumont, TX 77701

Page 1 of 14

Sample Date: 4/13/2021
Sample Description: Purified
Date Reviewed: 5/19/2021

Sample I.D. 2104437
Report Date 5/19/2021

Inorganic Chemicals (IOCs)

CAS ID#	COMPOUNDS	RESULT	SOQ	MRL	Units	Method
7440-36-0	Antimony	ND	6.00	2.00	ug/L	200.8 R5.4
7440-39-3	Barium	ND	1,000.00	10.00	ug/L	200.7 R4.4
7940-41-7	Beryllium	ND	4.00	0.10	ug/L	200.8 R5.4
	Bromate (BrO3)***	ND	10.00	2.50	ug/L	300.1
7440-43-9	Cadmium (Cd)	ND	5.00	0.10	ug/L	200.8 R5.4
	Chloramine	ND	4.00	0.02	mg/L	330.5
	Chlorine Dioxide	0.00	0.80		mg/L	STND 4500
	Chlorine, Free	0.00	0.10		mg/L	330.5
	Chlorine, Total	0.00	0.10		mg/L	330.5
7440-47-3	Chromium	ND	50.00	0.50	ug/L	200.8 R5.4
16984-48-8	Fluoride	ND	3.00	0.20	mg/L	300.0 R2.1
	Free Chlorine	0.00			mg/L	330.5
7439-92-1	Lead (Pb)	ND	1.00	1.00	ug/L	200.8 R5.4
7439-97-6	Mercury (Hg)	ND	1.00	0.20	ug/L	245.1 Rev. 3
7440-02-0	Nickel (Ni)	ND	100.00	10.00	ug/L	200.7 R4.4
	Perchlorate	ND	2.00	2.00	ug/L	314.0
7782-49-2	Selenium (Se)	ND	10.00	2.00	ug/L	200.8 R5.4
7440-28-0	Thallium (Tl)	ND	2.00	1.00	ug/L	200.8 R5.4
7440-38-2	Total Arsenic	ND	10.00	1.00	ug/L	200.8 R5.4
	Total Chlorine	0.00			mg/L	330.5

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NELAP Certifications: IL-100213; PA-68-04623; NY-11756; TX-TX269-2007A

State Certifications: IL-IDPH-17598; CA-2958; MT-CERT0091; IA-369; VT-VT02199; WI-399016200;
CO-IL100213; MI-9988

Maria Mozdzen
Analytical Lab Manager

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Secondary Inorganic Parameters

CAS ID#	COMPOUNDS	RESULT	SOQ	MRL	Units	Method
7429-90-5	Aluminum	4.37	200.00	2.00	ug/L	200.8 R5.4
	Chloride	1.09	250.00	0.50	mg/L	300.0 R2.1
7440-50-8	Copper (Cu)	ND	1.00	0.02	mg/L	200.7 R4.4
	Est TDS By Conductivity	9.64	500.00		mg/L	
7439-89-6	Iron (Fe)	ND		0.05	mg/L	200.7 R4.4
7439-96-5	Manganese (Mn)	ND	0.05	0.02	mg/L	200.7 R4.4
7440-22-4	Silver (Ag)	ND	25.00	0.10	ug/L	200.8 R5.4
14808-79-8	Sulfate	1.79	250.00	0.85	mg/L	300.0 R2.1
7440-66-6	Zinc (Zn)	ND	5.00	0.05	mg/L	200.7 R4.4

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Additional Regulated Contaminants

CAS ID#	COMPOUNDS	RESULT	SOQ	MRL	Units	Method
7440-61-1	Uranium (U)	ND	30.00	2.00	ug/L	200.8 R5.4

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Water Properties

CAS ID#	COMPOUNDS	RESULT	SOQ	MRL	Units	Method
	Color	ND	5.00	5.00	color	SM2120C, 21Ed
	Color after Acidification	NM	5.00	5.00	color	SM2120C,21Ed
	Conductivity	15.30			microS/cm	120.1
	pH	6.20	8.50			150.1
	Turbidity	0.16	0.50		NTU	180.1 Rev. 2 1993
	Turbidity Filtered	NM	0.50		NTU	180.1 Rev. 2 1993

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Hardness						
CAS ID#	COMPOUNDS	RESULT	SOQ	MRL	Units	Method
7440-70-2	Calcium	ND		0.10	mg/L	200.7 R4.4
	Hardness (CaCO3)	ND		0.70	mg/L	200.7 R4.4
7439-95-4	Magnesium	ND		0.10	mg/L	200.7 R4.4
7440-23-5	Sodium	3.00		0.10	mg/L	200.7 R4.4

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Uncategorized						
CAS ID#	COMPOUNDS	RESULT	SOQ	MRL	Units	Method
	Bicarbonate	6.10			mg/L	SM2320B, 18Ed
	Carbonate	0.00			mg/L	SM2320B, 18Ed
	Contract Lab	See Attached Report				
7440-09-7	Potassium	0.30		0.10	mg/L	200.7 R4.4
7631-86-9	Silica	0.46		0.05	mg/L	200.7 R4.4
7440-24-6	Strontium (Sr)	ND		0.05	mg/L	200.7 R4.4
	Total Alkalinity	6.10			mg/L	SM2320B, 18Ed

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IBWA STANDARD OF QUALITY REPORT



Eaton Analytical

Laboratory Data

Tel: (626) 366-1100
 Fax: (626) 999-3757
 1 800 666 LABS (1 800 566 5227)

Report: 931715
 Project: INORGANICS
 Group: LLPHENOLS

Pace Analytical Services, Inc.
 Jeff Baylor
 8 East Tower Circle
 Ormond Beach, FL 32174

Samples Received on:
 04/27/2021 1438

Prepped	Analyzed	Prep Batch	Analytical Batch	Method	Analyte	Result	Units	MRL	Dilution
					Sampled on 04/23/2021 0950				
2104437 (202104270351)									
Variable ID: 35628165001									
EPA 420.4 - Phenolic Compounds-low level									
05/04/21 15:18		1325283	(EPA 420.4)	Phenolic Compounds-low level	ND (NE)	ug/L	1.0		1

*Rounding on totals after summation.
 (c) - indicates calculated results. Analysis is a calculated result. Reported results are not rounded until the final step before reporting. Therefore methods that use a test result with further calculation may have slight differences in final result than the component analyses.

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 Analytical Lab Manager

IBWA STANDARD OF QUALITY REPORT



Eaton Analytical

Laboratory Comments

Tel: (626) 386-1100
Fax: (886) 995-3757
1 800 566 LABS (1 800 566 5227)

Report: 931715
Project: INORGANICS
Group: LLPHENOLS

Pace Analytical Services, Inc.
Jeff Baylor
8 East Tower Circle
Ormond Beach, FL 32174

Flags Legend:

NE - Results reported for Phenolic Compounds Low Level are obtained using an in-line distillation process, based on EPA Methods 420.2 and 420.4

The Comments Report may be blank if there are no comments for this report.

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Analytical Lab Manager

IBWA STANDARD OF QUALITY REPORT



2104437

Control Number:

Pace Analytical
Attn: Sample Receiving
8 East Tower Circle
Ormond Beach, FL 32174

IBWA ANNUAL TESTING - FOR CULLIGAN INTERNATIONAL

SAMPLE SUBMITTED BY:

Account Number: 10004972
Account Name: Beaumont, Texas

CULLIGAN BWP INFORMATION:

Dealership Location/Name: Southeast Texas Water Culligan
Address: 850 McFaddin Avenue
City: Beaumont State: TX Zip: 77701

Phone Number: 4098386261
FAX Number: 4098386263
E-MAIL: JaKe @ SETX Water.com
Person Taking Sample: JaKe Smith
Date Sample Taken: 4/13/21 Time Sample Taken: 8:41 am

SAMPLE INFORMATION (check the appropriate boxes):

Water Supply: Private Municipal
Source: Surface Well Unknown
Condition: Treated Untreated Cloudy
Colored

Water Type: Premium Fluoridated DI Purified
Demineralized Spring RO Distilled
Remineralized Source

For Questions contact Maria Mozdzen at (847) 430-1219

LAB USE ONLY:


Sample received in acceptable condition: Yes _____ No _____
Received by: _____ Date: _____ Time: _____
If not, reason: _____
Disposition of sample: _____

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IBWA STANDARD OF QUALITY REPORT



Sample Results

Pace Analytical Services, LLC
 8 East Tower Circle
 Ormond Beach, FL 32174
 (386) 672-5668

Client: Culligan International

Project ID: 2104437

Client ID: 2104437

Lab ID: 35628165001 Received 04/23/2021 09:50

Pace Project 35628165

Collected: 04/23/2021 09:50

Matrix: Drinking Water

Parameters	Report Limit	Results	Units	FDA Limit	Above/Below Limit	IBWA Limit	Above/Below Limit
504.1 GCS EDB and DBCP							
Analytical Method: EPA 504.1				Preparation Method: EPA 504.1			
1,2-Dibromo-3-chloropropane	0.0085	<0.0085	ug/L	0.2	Below	0.2	Below
1,2-Dibromoethane (EDB)	0.0076	<0.0076	ug/L	0.05	Below	0.05	Below
505 GCS PCB-TOX-TCH							
Analytical Method: EPA 505				Preparation Method: EPA 505			
Chlordane (Technical)	0.035	<0.035	ug/L	2	Below	2	Below
PCB-1016 (Aroclor 1016)	0.043	<0.043	ug/L				
PCB-1221 (Aroclor 1221)	0.032	<0.032	ug/L				
PCB-1232 (Aroclor 1232)	0.044	<0.044	ug/L				
PCB-1242 (Aroclor 1242)	0.015	<0.015	ug/L				
PCB-1248 (Aroclor 1248)	0.012	<0.012	ug/L				
PCB-1254 (Aroclor 1254)	0.036	<0.036	ug/L				
PCB-1260 (Aroclor 1260)	0.028	<0.028	ug/L				
PCB, Total	0.044	<0.044	ug/L	0.5	Below	0.5	Below
Toxaphene	0.69	<0.69	ug/L	3	Below	3	Below
515.3 Chlorinated Herbicides							
Analytical Method: EPA 515.3				Preparation Method: EPA 515.3			
2,4-D	0.096	<0.096	ug/L	70	Below		Below
Dalapon	0.23	<0.23	ug/L	200	Below	200	Below
Dinoseb	0.16	<0.16	ug/L	7	Below	7	Below
Pentachlorophenol	0.014	<0.014	ug/L	1	Below		Below
Picloram	0.040	<0.040	ug/L	500	Below	500	Below
2,4,5-TP (Silvex)	0.053	<0.053	ug/L	50	Below	10	Below
525.3 Pesticides Semivolatiles							
Analytical Method: EPA 525.3				Preparation Method: EPA 525.3			
Alachlor	0.029	<0.029	ug/L	2	Below	2	Below
Atrazine	0.015	<0.015	ug/L	3	Below	3	Below
Benzo(a)pyrene	0.019	<0.019	ug/L	0.2	Below	0.2	Below
gamma-BHC (Lindane)	0.0027	<0.0027	ug/L	0.2	Below	0.2	Below
Endrin	0.0023	<0.0023	ug/L	2	Below	2	Below
bis(2-Ethylhexyl)adipate	0.36	<0.36	ug/L	400	Below	400	Below
bis(2-Ethylhexyl)phthalate	0.47	<0.47	ug/L			6	Below
Heptachlor	0.014	<0.014	ug/L	0.4	Below	0.4	Below
Heptachlor epoxide	0.0030	<0.0030	ug/L	0.2	Below	0.2	Below
Hexachlorobenzene	0.015	<0.015	ug/L	1	Below	1	Below
Hexachlorocyclopentadiene	0.024	<0.024	ug/L	50	Below	50	Below
Methoxychlor	0.023	<0.023	ug/L	40	Below	40	Below
Simazine	0.040	<0.040	ug/L	4	Below	4	Below
531.2 HPLC Carbamates							
Analytical Method: EPA 531.2							
Aldicarb	0.36	<0.36	ug/L			3	Below
Aldicarb sulfone	0.58	<0.58	ug/L			3	Below
Aldicarb sulfoxide	0.47	<0.47	ug/L			4	Below
Carbofuran	0.59	<0.59	ug/L				
Oxamyl	0.46	<0.46	ug/L	200	Below	200	Below
547 HPLC Glyphosate							
Analytical Method: EPA 547							
Glyphosate	4.2	<4.2	ug/L	700	Below	700	Below
549.2 HPLC Paraquat Diquat							
Analytical Method: EPA 549.2				Preparation Method: EPA 549.2			
Diquat	0.16	<0.16	ug/L	20	Below	20	Below
552.3 Haloacetic Acids							
Analytical Method: EPA 552.3				Preparation Method: EPA 552.3			

05/13/2021 15:28:27

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Maria Mozdzen
 Analytical Lab Manager

IBWA STANDARD OF QUALITY REPORT



Client: **Culligan International**

Client ID: **2104437**

Project ID: **2104437**

Lab ID: **35628165001**

Received: **04/23/2021 09:50**

Pace Project: **35628165**

Collected: **04/23/2021 09:50**

Matrix: **Drinking Water**

Parameters	Report Limit	Results	Units	FDA Limit	Above/Below Limit	IBWA Limit	Above/Below Limit
552.3 Haloacetic Acids		Analytical Method: EPA 552.3		Preparation Method: EPA 552.3			
Dibromoacetic Acid	0.43	<0.43	ug/L				
Dichloroacetic Acid	0.24	<0.24	ug/L				
Haloacetic Acids (Total)	0.90	<0.90	ug/L	60	Below	60	Below
Monobromoacetic Acid	0.29	<0.29	ug/L				
Monochloroacetic Acid	0.90	<0.90	ug/L				
Trichloroacetic Acid	0.26	<0.26	ug/L				
548.1 GCS Endothall		Analytical Method: EPA 548.1		Preparation Method: EPA 548.1			
Endothall	3.3	<3.3	ug/L	100	Below	100	Below
524.2 MSV		Analytical Method: EPA 524.2					
Benzene	0.40	<0.40	ug/L	5	Below	1	Below
Bromodichloromethane	0.37	<0.37	ug/L				
Bromoform	0.35	<0.35	ug/L				
Carbon tetrachloride	0.28	<0.28	ug/L	5	Below	5	Below
Chlorobenzene	0.26	<0.26	ug/L	100	Below	50	Below
Chloroform	0.37	<0.37	ug/L				
Dibromochloromethane	0.47	<0.47	ug/L				
1,2-Dichlorobenzene	0.26	<0.26	ug/L	600	Below	600	Below
1,4-Dichlorobenzene	0.30	<0.30	ug/L	75	Below	75	Below
1,2-Dichloroethane	0.30	<0.30	ug/L	5	Below	2	Below
1,1-Dichloroethene	0.29	<0.29	ug/L	7	Below	2	Below
cis-1,2-Dichloroethene	0.33	<0.33	ug/L	70	Below	70	Below
trans-1,2-Dichloroethene	0.27	<0.27	ug/L	100	Below	100	Below
1,2-Dichloropropane	0.44	<0.44	ug/L	5	Below	5	Below
Ethylbenzene	0.23	<0.23	ug/L	700	Below	700	Below
Methylene Chloride	0.44	<0.44	ug/L	5	Below	3	Below
Methyl-tert-butyl ether	0.36	<0.36	ug/L			70	Below
Naphthalene	0.46	<0.46	ug/L			300	Below
Styrene	0.20	<0.20	ug/L	100	Below	100	Below
1,1,2,2-Tetrachloroethane	0.27	<0.27	ug/L			1	Below
Tetrachloroethene	0.26	<0.26	ug/L	5	Below	1	Below
Toluene	0.28	<0.28	ug/L	1000	Below	1000	Below
Total Trihalomethanes (Calc.)	0.47	<0.47	ug/L	80	Below	10	Below
1,2,4-Trichlorobenzene	0.35	<0.35	ug/L	70	Below	9	Below
1,1,1-Trichloroethane	0.27	<0.27	ug/L	200	Below	30	Below
1,1,2-Trichloroethane	0.28	<0.28	ug/L	5	Below	3	Below
Trichloroethene	0.26	<0.26	ug/L	5	Below	1	Below
Vinyl chloride	0.12	<0.12	ug/L	2	Below	2	Below
Xylene (Total)	0.11	<0.11	ug/L	10000	Below	1000	Below
537.1 PFAS Compounds, Water		Analytical Method: EPA 537.1		Preparation Method: EPA 537.1			
11Cl-PF3QdS	1.5	<1.5	ng/L				
9Cl-PF3ONS	1.1	<1.1	ng/L				
ADONA	0.69	<0.69	ng/L				
HFPO-DA	1.6	<1.6	ng/L				
NEtFOSAA	0.89	<0.89	ng/L			5	Below
NMeFOSAA	1.5	<1.5	ng/L			5	Below
Perfluorobutanesulfonic acid	0.63	<0.63	ng/L			5	Below
Perfluorodecanoic acid	1.9	<1.9	ng/L			5	Below
Perfluorohexanoic acid	1.2	<1.2	ng/L			5	Below

05/18/2021 15:28:27

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Sample Results

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 8 East Tower Circle
 Ormond Beach, FL 32174
 (386) 672-6668

Client: Culligan International

Client ID: 2104437

Project ID: 2104437

Lab ID: 35628165001

Received 04/23/2021 09:50

Pace Project 35628185

Collected: 04/23/2021 09:50

Matrix: Drinking Water

Parameters	Report Limit	Results	Units	FDA Limit	Above/Below Limit	IBWA Limit	Above/Below Limit
537.1 PFAS Compounds, Water		Analytical Method: EPA 537.1		Preparation Method: EPA 537.1			
Perfluorododecanoic acid	1.4	<1.4	ng/L			5	Below
Perfluoroheptanoic acid	0.96	<0.96	ng/L			5	Below
Perfluorohexanesulfonic acid	0.70	<0.70	ng/L			5	Below
Perfluorononanoic acid	1.9	<1.9	ng/L			5	Below
Perfluorooctanesulfonic acid	1.1	<1.1	ng/L			5	Below
Perfluorooctanoic acid	0.83	<0.83	ng/L			5	Below
Perfluorotetradecanoic acid	1.8	<1.8	ng/L			5	Below
Perfluorotridecanoic acid	1.7	<1.7	ng/L			5	Below
Perfluoroundecanoic acid	1.9	<1.9	ng/L			5	Below
Total PFAs	1.8	<1.8	ng/L			10	Below
900.0 Gross Alpha/Beta		Analytical Method: EPA 900.0					
Gross Alpha	1.36	1.36U	pCi/L	15	Below	15	Below
Gross Beta	1.68	1.68U	pCi/L	50	Below	50	Below
903.1 Radium 226		Analytical Method: EPA 903.1					
Radium-226	0.520	0.520U	pCi/L				
904.0 Radium 228		Analytical Method: EPA 904.0					
Radium-228	0.771	0.771U	pCi/L				
300.1 Oxhalide IC Anions 14d		Analytical Method: EPA 300.1					
Chlorite	1.3	<1.3	ug/L	1000	Below	1000	Below
335.4 Cyanide, Total		Analytical Method: EPA 335.4		Preparation Method: EPA 335.4			
Cyanide	0.0050	<0.0050	mg/L	0.1	Below	0.1	Below
353.2 Nitrogen, NO2/NO3		Analytical Method: EPA 353.2					
Nitrogen, NO2 plus NO3	0.025	0.032J	mg/L	10	Below	10	Below
Nitrogen, Nitrate	0.025	0.032J	mg/L				
Nitrogen, Nitrite	0.025	<0.025	mg/L				

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N.D. - Indicates that the compound was not detected above the Lab's Reporting Limit - MRL
 N.M. - Indicates that the compound was not measured.
 SOQ - Standard of Quality, maximum permissible level of a contaminant in water established by EPA, NPDWR or IBWA.
 MRL - Method Reporting Limit.

NELAP Certifications: IL-100213; PA-68-04623; NY-11756; TX-TX269-2007A
 State Certifications: IL-IDPH-17598; CA-2958; MT-CERT0091; IA-369; VT-VT02199; WI-399016200;
 CO-IL100213; MI-9988

Maria Mozden
 Analytical Lab Manager

IBWA STANDARD OF QUALITY REPORT



Definitions/Qualifiers

Pace Analytical Services, LLC
8 East Tower Circle
Ormond Beach, FL 32174
(386) 672-5868

Pace Project 35628165

DEFINITIONS

- DF Dilution Factor
- J Estimated concentration above the adjusted method detection limit and below the adjusted reporting
- U Indicates the compound was analyzed for, but not detected.
- MDL Adjusted Method Detection Limit
- PQL Practical Quantitation Limit
- ND Not Detected at or above adjusted reporting limit.

ANALYTE QUALIFIERS

- CU The continuing calibration for this analyte is above laboratory acceptance limits. Analyte was not detected above the reporting limit in any of the associated samples.
- L1 Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.
- R1 RPD value was outside control limits.

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