

IBWA STANDARD OF QUALITY REPORT

Customer Name: Silver Springs Water Inc. Copack
Customer Address: 480 Mirror Court, # 109
Henderson, NV 89011

Page 1 of 13

Sample Date: 2/14/2024

Sample Description:

Date Reviewed: 3/20/2024

Sample I.D. 2401917
Report Date 3/20/2024

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	0.01	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	1.00	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-8988; VA-00466

Maria Mozdzen
Analytical Lab Manager

IBWA STANDARD OF QUALITY REPORT

Secondary Inorganic Parameters						
CAS ID#	COMPOUNDS	RESULT	SOQ	MRL	Units	Method
7429-90-5	Aluminum	ND	200.00	2.00	ug/L	200.8 R5.4
	Chloride	1.30	250.00	0.50	mg/L	300.0
7440-50-8	Copper (Cu)	ND	1.00	0.02	mg/L	200.7 R4.4
	Est TDS By Conductivity	15.09	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	ND	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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Page 3 of 13

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	24.70			microS/cm	120.1
	pH	7.90	8.50			150.1
	Turbidity	0.51	0.50		NTU	180.1 Rev. 2 1993
	Turbidity Filtered	NA	0.50		NTU	180.1 Rev. 2 1993

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Page 5 of 13

Hardness						
CAS ID#	COMPOUNDS	RESULT	SOQ	MRL	Units	Method
7440-70-2	Calcium	1.11		0.10	mg/L	200.7 R4.4
	Hardness (CaCO3)	2.86		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	2.05		0.10	mg/L	200.7 R4.4

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Uncategorized						
CAS ID#	COMPOUNDS	RESULT	SOQ	MRL	Units	Method
	Bicarbonate	13.26			mg/L	SM2320B, 21st ED
	Carbonate	0.00			mg/L	SM2320B, 21st ED
	Contract Lab	See Attached Report				
7440-09-7	Potassium	4.49		0.10	mg/L	200.7 R4.4
7631-86-9	Silica	0.27		0.05	mg/L	200.7 R4.4
7440-24-6	Strontium (Sr)	ND		0.05	mg/L	200.7 R4.4
	Total Alkalinity to pH 4.5	13.26			mg/L	SM2320B, 21st ED

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IBWA STANDARD OF QUALITY REPORT



2401917

Control Number:

ANALYSIS REQUEST FORM
Paco Analytical
Attn: Sample Receiving
8 East Tower Circle
Ormond Beach, FL 32174

IBWA ANNUAL TESTING - FOR CULLIGAN INTERNATIONAL

SAMPLE SUBMITTED BY: TONY SIAO
Account Number: 10005233-call for cc
Account Name: Silver Springs

IDENTIFY SAMPLE AS:
PANST ION - REVIVE

CULLIGAN BWP INFORMATION:

Dealership Location/Name: Silver Springs Water Inc. Copacking for Culligan of Las Vegas, NV
Address: 480 Mirror Court, #109
City: Henderson State: NV Zip: 89011

Phone Number: 702 835 4280

FAX Number: 702 837-9679

E-MAIL: TPSIAO2@COK.NET

Person Taking Sample: TONY SIAO

Date Sample Taken: 2/18/24 Time Sample Taken: 11:30 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: NBA Date: 2-20-24 Time: 1030
If not, reason: _____
Disposition of sample: _____

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Analytical Lab Manager

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Sample Results

Paco Analytical Services, LLC
8 East Tower Circle
Ormond Beach, FL 32174
(386) 672-5588Client: Culligan InternationalClient ID: 2401917Project ID: 2401917Lab ID: 35881907001Received 02/21/2024 09:58Paco Project 35881907Collected: 02/21/2024 09:55Matrix: 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	0.0070	<0.0070	ug/L	0.2	Below	0.2	Below
1,2-Dibromoethene (EDB)	0.0082	<0.0082	ug/L	0.05	Below	0.05	Below
505 GCS PCB-TOX-TCH	Analytical Method: EPA 505			Preparation Method: EPA 505			
Chlordane (Technical)	0.037	<0.037	ug/L	2	Below	0.5	Below
PCB-1016 (Aroclor 1016)	0.046	<0.046	ug/L				
PCB-1221 (Aroclor 1221)	0.034	<0.034	ug/L				
PCB-1232 (Aroclor 1232)	0.047	<0.047	ug/L				
PCB-1242 (Aroclor 1242)	0.033	<0.033	ug/L				
PCB-1248 (Aroclor 1248)	0.028	<0.028	ug/L				
PCB-1254 (Aroclor 1254)	0.038	<0.038	ug/L				
PCB-1260 (Aroclor 1260)	0.031	<0.031	ug/L				
PCB, Total	0.047	<0.047	ug/L	0.5	Below	0.5	Below
Toxaphene	0.28	<0.28	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	70	Below
Dalapon	0.49	<0.49	ug/L	200	Below	200	Below
Dinoseb	0.18	<0.18	ug/L	7	Below	7	Below
Pentachlorophenol	0.014	<0.014	ug/L	1	Below	1	Below
Picloram	0.040	<0.040	ug/L	500	Below	500	Below
2,4,5-TP (Silvex)	0.069	<0.069	ug/L	50	Below	10	Below
525.3 Pesticides Semivolatiles	Analytical Method: EPA 525.3			Preparation Method: EPA 525.3			
Aldicarb	0.030	<0.030	ug/L	2	Below	2	Below
Atrazine	0.015	<0.015	ug/L	3	Below	3	Below
Benzo(a)pyrene	0.020	<0.020	ug/L	0.2	Below	0.2	Below
gamma-BHC (Lindane)	0.0028	<0.0028	ug/L	0.2	Below	0.2	Below
Endrin	0.0024	<0.0024	ug/L	2	Below	2	Below
bis(2-Ethylhexyl)adipate	0.37	<0.37	ug/L	400	Below	400	Below
bis(2-Ethylhexyl)phthalate	0.48	<0.48	ug/L	6	Below	6	Below
Heptachlor	0.014	<0.014	ug/L	0.4	Below	0.4	Below
Heptachlor epoxide	0.0031	<0.0031	ug/L	0.2	Below	0.2	Below
Hexachlorobenzene	0.015	<0.015	ug/L	1	Below	1	Below
Hexachlorocyclopentadiene	0.025	<0.025	ug/L	50	Below	50	Below
Methoxychlor	0.024	<0.024	ug/L	40	Below	40	Below
Simazine	0.041	<0.041	ug/L	4	Below	4	Below
531.2 HPLC Carbamates	Analytical Method: EPA 531.2						
Aldicarb	0.38	<0.38	ug/L			3	Below
Aldicarb sulfone	0.58	<0.58	ug/L			3	Below
Aldicarb sulfide	0.47	<0.47	ug/L			4	Below
Carbofuran	0.59	<0.59	ug/L	40	Below	40	Below
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	0.18	<0.18	ug/L	20	Below	20	Below
662.3 Monoaric Acids	Analytical Method: EPA 662.3			Preparation Method: EPA 662.3			

03/19/2024 12:30:07

page 4 of 12

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Maria Mozdzen
Analytical Lab Manager

IBWA STANDARD OF QUALITY REPORT

Pace

Client ID: 2401917

Lab ID: 35861907001

Collected: 02/21/2024 09:55

Received: 02/21/2024 09:56

Project ID: 2401917

Pace Project: 35861907

Matrix: Drinking Water

Client: Culligan International

8 East Tower Circle

Ormond Beach, FL 32174

(386) 672-5668

Pace Analytical Services, LLC

Sample Results

Preparation Method: EPA 821.3

Preparation Method: EPA 540.1

Preparation Method: EPA 8270

Preparation Method: EPA 824.2

Preparation Method: EPA 837.1

Parameters	Report Limit	Results	Units	FDA Limit	Above/Below Limit	IBWA Limit	Above/Below Limit
552.3 Halocetic Acids		0.43	ug/L				
Dibromosuccinic Acid		-0.43	ug/L				
Dichlorosuccinic Acid		0.24	ug/L				
Halocetic Acids (Total)		0.80	ug/L	80	Below	80	Below
Monobromosuccinic Acid		0.28	ug/L				
Monochlorosuccinic Acid		0.90	ug/L				
Trichlorosuccinic Acid		0.26	ug/L				
540.1 GEE Endothalil		3.3	ug/L	100	Below	100	Below
Endothalil		<3.3	ug/L				
8270 MSN Semivolatiles		0.051	ug/L	1	Below	1	Below
Phenol		<0.061	ug/L				
524.2 MSV		0.40	ug/L	5	Below	1	Below
Benzene		0.50	ug/L				
Bromodichloromethane		2.1	ug/L				
Bromoform		0.48	ug/L				
Carbon tetrachloride		0.36	ug/L	5	Below	2	Below
Chlorobenzene		0.31	ug/L	100	Below	50	Below
Chloroform		0.75	ug/L				
Dibromodichloromethane		0.47	ug/L				
1,2-Dichlorobenzene		0.40	ug/L	600	Below		
1,3-Dichlorobenzene		0.29	ug/L				
1,4-Dichlorobenzene		0.33	ug/L	75	Below		
1,1-Dichloroethane		0.71	ug/L				
1,2-Dichloroethane		0.30	ug/L	5	Below	2	Below
1,1-Dichloroethene		0.37	ug/L	7	Below	2	Below
cis-1,2-Dichloroethane		0.33	ug/L	70	Below	70	Below
trans-1,2-Dichloroethane		0.33	ug/L	100	Below	100	Below
1,2-Dichloropropane		0.44	ug/L	6	Below	6	Below
Ethylbenzene		0.37	ug/L	700	Below	700	Below
Methylcyclohexane		0.48	ug/L	5	Below	3	Below
Methyl-tert-butyl ether		0.38	ug/L				
Naphthalene		0.48	ug/L				
Syrene		0.27	ug/L	100	Below	300	Below
1,1,2,2-Tetrachloroethane		0.41	ug/L				
Tetrachloroethane		0.41	ug/L	5	Below	1	Below
Toluene		0.28	ug/L	1000	Below	1000	Below
Total Trihalomethanes (Calc.)		0.76	ug/L	80	Below	10	Below
1,2,4-Trichlorobenzene		0.36	ug/L	70	Below	9	Below
1,1,1-Trichloroethane		0.29	ug/L	200	Below	30	Below
1,1,2-Trichloroethane		0.34	ug/L	5	Below	3	Below
Trihalomethanes		0.36	ug/L	5	Below	1	Below
Vinyl chloride		0.41	ug/L			2	Below
Xylene (Total)		0.11	ug/L	10000	Below	1000	Below
837.1 PFAS Compounds, Water							
11C-PFOSUS		0.0015	ug/L			0.005	Below
9C-PFONS		0.0011	ug/L			0.005	Below
ADONA		0.00070	ug/L			0.005	Below
HFPO-DA		0.0016	ug/L			0.005	Below

03/19/2024 13:30:02

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Page 10 of 13



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537.1 PFAS Compounds, Water							
Analytical Method: EPA 537.1		Preparation Method: EPA 537.1					
NEtFOSAA	0.00090	<0.00090	ug/L			0.005	Below
NMeFOSAA	0.0015	<0.0015	ug/L			0.005	Below
Perfluorobutanesulfonic acid (PFBS)	0.00084	<0.00084	ug/L			0.005	Below
Perfluorooctanoic acid (PFDA)	0.00083	<0.00083	ug/L			0.005	Below
Perfluorohexanoic acid (PFHxA)	0.0012	<0.0012	ug/L			0.005	Below
Perfluorododecanoic acid (PFDoA)	0.0014	<0.0014	ug/L			0.005	Below
Perfluorooctanoic acid (PFHpA)	0.00097	<0.00097	ug/L			0.005	Below
Perfluorooctanesulfonic acid (PFHxS)	0.00071	<0.00071	ug/L			0.005	Below
Perfluorononanoic acid (PFNA)	0.0019	<0.0019	ug/L			0.005	Below
Perfluorooctanesulfonic acid (PFOS)	0.0012	<0.0012	ug/L			0.005	Below
Perfluorooctanoic acid (PFOA)	0.00084	<0.00084	ug/L			0.005	Below
Perfluorotetradecanoic acid (PFTeDA)	0.0018	<0.0018	ug/L			0.005	Below
Perfluorodecanoic acid (PFDaA)	0.0017	<0.0017	ug/L			0.005	Below
Perfluoroundecanoic acid (PFUnA)	0.0019	<0.0019	ug/L			0.005	Below
Total PFAs	0.0018	<0.0018	ug/L			0.01	Below
900.0 Gross Alpha/Beta							
Analytical Method: EPA 900.0							
Gross Alpha	2.61	2.61U	pCi/L	15	Below	15	Below
Gross Beta	1.61	2.74	pCi/L	50	Below	50	Below
903.1 Radium 226, DW							
Analytical Method: EPA 903.1							
Radium-226	0.888	0.888U	pCi/L	5	Below	5	Below
904.0 Radium 228, DW							
Analytical Method: EPA 904.0							
Radium-228	0.826	0.826U	pCi/L	5	Below	5	Below
Total Radium 226+228							
Analytical Method: Total Radium							
Total Radium	1.71	1.71U	pCi/L				
330.1 Oxidant (C Anions 14d)							
Analytical Method: EPA 300.1							
Chlorite	0.58	<0.58	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	0.2	Below	0.2	Below
353.2 Nitrogen, NO2/NO3							
Analytical Method: EPA 353.2							
Nitrogen, NO2 plus NO3	0.015	0.043J	mg/L	10	Below	10	Below
Nitrogen, Nitrate	0.025	0.043J	mg/L	10	Below	10	Below
Nitrogen, Nitrite	0.025	<0.025	mg/L	1	Below	1	Below

03/19/2024 15:36:02

page 6 of 12

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Page 11 of 13



Definitions/Qualifiers

Pace Analytical Services, LLC
8 East Tower Circle
Ormond Beach, FL 32174
(386) 672-5658

Pace Project 35881807

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

- 1p Analyte recovery in the reporting limit standard (CRDL) exceeded QC limits. Analyte presence below reporting limits in associated samples.

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N.A. - Indicates that the compound was not analyzed.

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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; VA-00466

Maria Mozdzen
Analytical Lab Manager

IBWA STANDARD OF QUALITY REPORT

Page 12 of 13



Pace Analytical™

Pace Analytical Services, LLC.
1700 Rtn Street
Minneapolis, MN 55414

Drinking Water Analysis Results 2,3,7,8-TCDD – USEPA Method 1613B

Tel 612-607-1700
Fax 612-607-6444

Sample ID.....2401917
Client.....PASI Florida
Lab Sample ID.....35861907001

Date Collected.....02/21/2024
Date Received.....02/23/2024
Date Extracted.....02/26/2024

	Sample 2401917	Method Blank	Lab Spike	Lab Spike Dup
[2,3,7,8-TCDD]	5.0 U	5.0 U	--	--
LOQ	5.0 pg/L	5.0 pg/L	--	--
2,3,7,8-TCDD Recovery	--	--	104%	109%
Spike Recovery Limit	--	--	73-146%	73-146%
RPD				4.6%
IS Recovery	80%	85%	76%	76%
IS Recovery Limits	31-137%	31-137%	25-141%	25-141%
CS Recovery	83%	74%	76%	79%
CS Recovery Limits	42-164%	42-164%	37-158%	37-158%
Filename	E240302A_06	E240228C_05	E240228C_03	E240228C_04
Analysis Date	03/02/2024	02/29/2024	02/28/2024	02/28/2024
Analysis Time	05:25	00:06	23:05	23:35
Analyst	JF	JF	JF	JF
Volume	0.969L	0.986L	0.961L	0.969L
Dilution	NA	NA	NA	NA
ICAL Date	11/17/2023	11/17/2023	11/17/2023	11/17/2023
CCAT Filename	E240302A_02	E240228C_02	E240228C_02	E240228C_02

! = Outside the Control Limits
ND = Not Detected
LOQ = Limit of Quantization
Limits = Control Limits from Method 1613 (10/94 Revision), Tables 6A and 7A
RPD = Relative Percent Difference of Lab Spike Recoveries
IS = Internal Standard [2,3,7,8-TCDD-¹³C₁₂]
CS = Cleanup Standard [2,3,7,8-TCDD-¹³C₁₂]

Analyst:

Project No.....10684759

Report No.....10684759_1613DW_L2_dtr

Page 6 of 8

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Analytical Lab Manager

IBWA STANDARD OF QUALITY REPORT

Page 13 of 13



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Reporting Flags

- A = Reporting Limit based on signal to noise (EDL)
- B = Less than 10x higher than method blank level
- C = Result obtained from confirmation analysis
- D = Result obtained from analysis of diluted sample
- E = Exceeds calibration range
- H2 = Extracted outside of holding time
- I = Isotope ratio out of specification
- J = Estimated value
- L = Suppressive interference, analyte may be biased low
- Nn = Value obtained from additional analysis
- P = PCDE interference
- R = Recovery outside target range
- S = Peak saturated
- U = Analyte not detected
- V = Result verified by confirmation analysis
- X = %D Exceeds limits
- Y = Calculated using average of daily RFs

REPORT OF LABORATORY ANALYSIS

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Report No.....10884759_1613DW L2 dr

Page 3 of 8

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Maria Mozdzen
Analytical Lab Manager