



9399 West Higgins Road Suite 1100
Rosemont, IL 60018

Phone: 847 430 1219
Fax: 847 430 2219

IBWA STANDARD OF QUALITY REPORT

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

Page 1 of 13

Sample Date: 3/14/2023
Sample Description: Remineralized
Date Reviewed: 4/24/2023

Sample I.D. 2302889
Report Date 4/24/2023

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	0.04	0.80		mg/L	STND 4500
	Chlorine, Free	0.03	0.10		mg/L	330.5
	Chlorine, Total	0.03	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	0.03			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	0.03			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; VA-00466

Maria Mozdzen
Analytical Lab Manager

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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	0.71	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	18.24	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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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	30.30			microS/cm	120.1
	Turbidity	0.10	0.50		NTU	180.1 Rev. 2 1993
	Turbidity Filtered	NA	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	1.48		0.10	mg/L	200.7 R4.4
	Hardness (CaCO3)	3.74		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	0.89		0.10	mg/L	200.7 R4.4

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Uncategorized						
CAS ID#	COMPOUNDS	RESULT	SOQ	MRL	Units	Method
	Bicarbonate	11.71			mg/L	SM2320B, 18Ed
	Carbonate	1.20			mg/L	SM2320B, 18Ed
	Contract Lab	See Attached Report				
7440-09-7	Potassium	5.20		0.10	mg/L	200.7 R4.4
7631-86-9	Silica	0.06		0.05	mg/L	200.7 R4.4
7440-24-6	Strontium (Sr)	ND		0.05	mg/L	200.7 R4.4
	Total Alkalinity	12.90			mg/L	SM2320B, 18Ed

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IBWA STANDARD OF QUALITY REPORT



2302889

Control Number:

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

F

IBWA ANNUAL TESTING -- FOR CULLIGAN INTERNATIONAL

SAMPLE SUBMITTED BY:

Account Number: 10005233-call for cc
Account Name: Silver Springs

TITLE: PLANET 10N

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: 702 735 4280
FAX Number: 702 837 9679
E-MAIL: TPS1001@CEN.NET
Person Taking Sample: TS110
Date Sample Taken: 3/14/23 Time Sample Taken: 1:30 pm

SAMPLE INFORMATION (check the appropriate boxes):

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

PLEASE TEST PH SEPARATE FOR CORRECT READING

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

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

LAB USE ONLY:

Sample received in acceptable condition: Yes No
Received by: MS1101 Date: 3/14/23 Time: 1:30
If not, reason: _____
Disposition of sample: _____

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Analytical Lab Manager

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Sample Results

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

Client: Culligan International

Client ID: 2302889

Project ID: 2302889

Lab ID: 35787272001

Received 03/21/2023 11:15

Pace Project 35787272

Collected: 03/21/2023 09:58

Matrix: Drinking Water

Parameters	Report Limit	Results	Units	FDA Limit	Above/Below Limit	IBWA Limit	Above/Below Limit
304.1 GCS EDB and DBCP							
	Analytical Method: EPA 504.1			Preparation Method: EPA 504.1			
1,2-Dibromo-3-chloropropane	0.0087	<0.0087	ug/L	0.2	Below	0.2	Below
1,2-Dibromochloroethane (EDB)	0.0078	<0.0078	ug/L	0.05	Below	0.05	Below
505 GCS PCB-TOX-TCH							
	Analytical Method: EPA 505			Preparation Method: EPA 505			
Chlordane (Technical)	0.036	<0.036	ug/L	2	Below	2	Below
PCB-1016 (Aroclor 1016)	0.044	<0.044	ug/L				
PCB-1221 (Aroclor 1221)	0.033	<0.033	ug/L				
PCB-1232 (Aroclor 1232)	0.045	<0.045	ug/L				
PCB-1242 (Aroclor 1242)	0.032	<0.032	ug/L				
PCB-1248 (Aroclor 1248)	0.028	<0.028	ug/L				
PCB-1254 (Aroclor 1254)	0.037	<0.037	ug/L				
PCB-1260 (Aroclor 1260)	0.030	<0.030	ug/L				
PCB, Total	0.045	<0.045	ug/L	0.5	Below	0.5	Below
Toxaphene	0.26	<0.26	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	0.16	<0.16	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)	0.053	<0.053	ug/L	50	Below	10	Below
525.3 Pesticides, Semi-volatiles							
	Analytical Method: EPA 525.3			Preparation Method: EPA 525.3			
Alachlor	0.029	<0.029	ug/L	2	Below	2	Below
Altrazine	0.014	<0.014	ug/L	3	Below	3	Below
Benzo(a)pyrene	0.019	<0.019	ug/L	0.2	Below	0.2	Below
gamma-BHC (Lindane)	0.027	<0.027	ug/L	0.2	Below	0.2	Below
Endrin	0.023	<0.023	ug/L	2	Below	2	Below
bis(2-Ethylhexyl)cadipate	0.35	<0.35	ug/L	400	Below	400	Below
bis(2-Ethylhexyl)phthalate	0.46	<0.46	ug/L				
Heptachlor	0.013	<0.013	ug/L	0.4	Below	0.4	Below
Heptachlor epoxide	0.0030	<0.0030	ug/L	0.2	Below	0.2	Below
Hexachlorobenzene	0.014	<0.014	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	0.039	<0.039	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			

04/18/2023 11:05:21

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Project ID: 2302889

Lab ID: 35787272001

Received 03/21/2023 11:15

Pace Project 35787272

Collected: 03/21/2023 09:58

Matrix: Drinking Water

Parameters	Report Limit	Results	Units	FDA Limit	Above/Below Limit	IBWA Limit	Above/Below Limit
52.3 Haloacetic Acids							
Analytical Method: EPA 552.3 Preparation Method: EPA 552.3							
Iodoacetic Acid	0.43	<0.43	ug/l				
Chloroacetic Acid	0.24	<0.24	ug/L				
Haloacetic Acids (Total)	0.90	<0.90	ug/L	60	Below	60	Below
Monochloroacetic Acid	0.29	<0.29	ug/L				
Monochloroacetic Acid	0.90	<0.90	ug/L				
Dichloroacetic Acid	0.26	<0.26	ug/L				
48.1 GCS Endothall							
Analytical Method: EPA 548.1 Preparation Method: EPA 548.1							
Endothall	3.3	<3.3	ug/l	100	Below	100	Below
270 MSSV Semivolatile Phenol							
Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Phenol	0.60	<0.60	ug/L				
24.2 MSV							
Analytical Method: EPA 524.2							
Benzene	0.40	<0.40	ug/L	5	Below	1	Below
Bromodichloromethane	0.37	6.9	ug/L				
Bromoform	0.35	<0.35	ug/L				
Carbon tetrachloride	0.26	<0.26	ug/L	5	Below	5	Below
Chlorobenzene	0.28	<0.28	ug/L	100	Below	50	Below
Chloroform	0.44	7.8	ug/L				
Dibromochloromethane	0.47	3.5	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-Dichloroethane	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	0.48	<0.48	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	0.26	<0.26	ug/L	1000	Below	1000	Below
Total Trihalomethanes (Calc.)	0.47	18.2	ug/L	80	Below	10	Above
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
900.0 Gross Alpha/Beta							
Analytical Method: EPA 900.0							
Gross Alpha	0.934	0.934U	pCi/L	15	Below	15	Below
Gross Beta	0.851	2.25	pCi/L	50	Below	50	Below
903.1 Radium 226							
Analytical Method: EPA 903.1							
Radium-226	0.626	0.626U	pCi/L				
904.0 Radium 228							
Analytical Method: EPA 904.0							

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Pace Project 35787272

Collected: 03/21/2023 09:58

Matrix: Drinking Water

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4.0 Radium 228 dium-228		Analytical Method: EPA 904.0 0.694	pCi/L				
6.0 pH, Electrometric at 25 Degrees C	0.10	Analytical Method: SM 4500-H+G 8.8	Std. Units				
0.1 Oxhalide IC Anions 14d chlorite	0.56	Analytical Method: EPA 300.1 <0.56	ug/L	1000	Below	1000	Below
5.4 Cyanide, Total anide	0.0050	Analytical Method: EPA 335.4 <0.0050	mg/L	0.1	Below	0.1	Below
3.2 Nitrogen, NO2/NO3 itrogen, NO2 plus NO3	0.015	Analytical Method: EPA 353.2 0.032J	mg/L	10	Below	10	Below
itrogen, Nitrate	0.025	0.032J	mg/L				
itrogen, Nitrite	0.025	<0.025	mg/L				

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Definitions/Qualifiers

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

Pace Project 35787272

DEFINITIONS

- DF Dilution Factor
- J Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit
- 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 The recovery of the analyte in the CRDL standard (also known as the reporting limit verification) exceeded the acceptance criteria. Analyte results below the reporting limits are not affected by high bias.
- H6 Analysis initiated outside of the 15 minute EPA required holding time.
- L3 Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples.

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Analytical Lab Manager

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Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Tel: 612-607-1700
Fax: 612-607-6444

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

Sample ID.....2302889
Client..... PASI Florida
Lab Sample ID..... 35787272001

Date Collected.....03/21/2023
Date Received.....03/23/2023
Date Extracted.....03/27/2023

	Sample 2302889	Method Blank	Lab Spike	Lab Spike Dup
[2,3,7,8-TCDD]	ND	ND	--	--
EDL	0.19 pg/L	0.57 pg/L	--	--
2,3,7,8-TCDD Recovery	--	--	86%	103%
Spike Recovery Limit	--	--	73-146%	73-146%
RPD				18.4%
IS Recovery	78%	80%	69%	63%
IS Recovery Limits	31-137%	31-137%	25-141%	25-141%
CS Recovery	79%	82%	67%	63%
CS Recovery Limits	42-164%	42-164%	37-158%	37-158%
Filename	E230329A_10	E230329A_05	E230329A_03	E230329A_04
Analysis Date	03/29/2023	03/29/2023	03/29/2023	03/29/2023
Analysis Time	20:19	17:51	16:51	17:21
Analyst	SM	SM	SM	SM
Volume	1.044L	1.021L	1.022L	1.021L
Dilution	NA	NA	NA	NA
ICAL Date	03/23/2023	03/23/2023	03/23/2023	11/30/2021
CCAL Filename	E230329A_02	E230329A_02	E230329A_02	E230329A_02

- ! = Outside the Control Limits
- ND = Not Detected
- EDL = Estimated Detection Limit
- 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-³⁷Cl₄]

Analyst:

Project No.....10646709

N.D. - Indicates that the compound was not detected above the Lab's Reporting Limit - MRL
 N.A. - Indicates that the compound was not analyzed.
 SOQ - Standard of Quality, maximum permissible level of a contaminant in water established by EPA, NPDR 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; VA-00466

Maria Mozden
Analytical Lab Manager

IBWA STANDARD OF QUALITY REPORT



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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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