

SOLDIER CANYON WATER TREATMENT AUTHORITY

(East Larimer County Water District; Fort Collins/Loveland Water District; North Weld County Water District)

WATER QUALITY REPORT

1ST QUARTER 2026

ANALYSIS PARAMETER <small>Monitored at SCFP (not a certified lab)</small>	Report	PLANT INFLUENT			PLANT EFFLUENT			MCL *SMCL
	Values	MIN	MAX	AVG	MIN	MAX	AVG	
ALKALINITY	mg/l	25.0	30.0	28.0	35.0	38.0	36.0	N/A
ALUMINUM	mg/l	N/A	N/A	N/A	0.015	0.045	0.034	*0.05 - 0.2
CALCIUM HARDNESS	mg/l	22.0	24.0	23.0	22.0	24.0	23.0	N/A
CHLORINE	mg/l	N/A	N/A	N/A	1.26	1.38	1.33	4.0 MRDL
CHLORITE	mg/l	N/A	N/A	N/A	0.00	0.00	0.00	1.0
CHLORINE DIOXIDE	mg/l	N/A	N/A	N/A	0.00	0.00	0.00	0.8
CONDUCTIVITY	µs/cm	70.9	71.6	71.3	91.1	93.7	91.8	N/A
DISSOLVED OXYGEN	mg/l	9.6	11.0	10.5	N/A	N/A	N/A	N/A
FLUORIDE	mg/l	0.13	0.15	0.14	0.10	0.77	0.64	4.0/*2.0
HARDNESS (TOTAL)	mg/l	27.0	31.0	29.0	26.0	32.0	29.0	N/A
IRON	mg/l	0.04	0.05	0.05	0.00	0.01	0.01	*0.3
MANGANESE	mg/l	0.018	0.021	0.020	0.000	0.004	0.002	*0.05
pH	VALUE	7.44	7.87	7.71	8.22	8.48	8.31	*6.5-8.5
TEMPERATURE	°C	4.0	7.0	5.3	4.8	7.2	5.8	N/A
TRUE COLOR	APHA	7.0	8.0	8.0	0.0	1.0	1.0	*15.0
TURBIDITY	NTU	1.42	3.27	1.91	0.019	0.028	0.023	**<0.3 TT

INORGANIC CONTAMINANTS ANALYSES (CA) - (EFFLUENT ENTRY POINT AT SCFP)

		RESULTS	DATE	MCL
ANTIMONY	mg/l	ND	8/13/2025	0.006
ARSENIC	mg/l	ND	8/13/2025	0.010
BARIUM	mg/l	0.014	8/13/2025	2.000
BERYLLIUM	mg/l	ND	8/13/2025	0.004
CADMIUM	mg/l	ND	8/13/2025	0.005
CHROMIUM	mg/l	ND	8/13/2025	0.1
FLUORIDE	mg/l	0.58	7/24/2025	4.0
MERCURY	mg/l	ND	8/13/2025	0.002
NICKEL	mg/l	ND	8/13/2025	N/A
SELENIUM	mg/l	ND	8/13/2025	0.050
SODIUM	mg/l	12.0	8/13/2025	N/A
THALLIUM	mg/l	ND	8/13/2025	0.002

NITRATE AND/OR NITRITE AS NITROGEN (CA) - (EFFLUENT ENTRY POINT AT SCFP)

		RESULTS	DATE	MCL
NITRATE	mg/l	ND	7/24/2025	10.000
NITRITE	mg/l	ND	7/24/2025	1.000

TOTAL ORGANIC CARBON (SCWQL) - (SCFP INFLUENT AND EFFLUENT)

			INFLUENT	EFFLUENT	TT RATIO	DATE	MCL - **TT
TOTAL ORGANIC CARBON - TOC	mg/L		3.00	1.79	1.15	1/14/2026	RAA - ≥1.0
			2.97	1.78	1.14	2/4/2026	RAA - ≥1.0
			2.95	1.74	1.17	3/11/2026	RAA - ≥1.0

ALKALINITY (SCWQL) - (SCFP INFLUENT)

			INFLUENT	DATE	MCL
ALKALINITY (SCWQL) - (SCFP INFLUENT)	mg/l		30.0	1/14/2026	N/A
			29.0	2/4/2026	N/A
			30.0	3/11/2026	N/A

RADIONUCLIDE ANALYSES (SGS) - (EFFLUENT ENTRY POINT AT SCFP)

			RESULTS	DATE	MCL
GROSS ALPHA	pCi/L		ND	9/8/2021	15
URANIUM	ppb		<0.00020	9/8/2021	30
RADIUM 226 + 228	pCi/L		ND	9/8/2021	5
GROSS BETA	pCi/L		ND	9/8/2021	50

ORGANIC CHEMICAL ANALYSES - VOC's (CA) - (EFFLUENT ENTRY POINT AT SCFP)

			RESULTS	DATE	MCL
1,1,1-TRICHLOROETHANE	µg/L		ND	7/24/2025	200
1,1,2-TRICHLOROETHANE	µg/L		ND	7/24/2025	5
1,1-DICHLOROETHYLENE	µg/L		ND	7/24/2025	7
1,2,4-TRICHLOROBENZENE	µg/L		ND	7/24/2025	70
1,2-DICHLOROETHANE	µg/L		ND	7/24/2025	5
1,2-DICHLOROPROPANE	µg/L		ND	7/24/2025	5
BENZENE	µg/L		ND	7/24/2025	5
CARBON TETRACHLORIDE	µg/L		ND	7/24/2025	5
CHLOROBENZENE	µg/L		ND	7/24/2025	100
cis-1,2-DICHLOROETHYLENE	µg/L		ND	7/24/2025	70
DICHLOROMETHANE	µg/L		ND	7/24/2025	5
ETHYLBENZENE	µg/L		ND	7/24/2025	700
o-DICHLOROBENZENE	µg/L		ND	7/24/2025	600
para-DICHLOROBENZENE	µg/L		ND	7/24/2025	75
STYRENE	µg/L		ND	7/24/2025	100
TETRACHLOROETHYLENE	µg/L		ND	7/24/2025	5
TOLUENE	µg/L		ND	7/24/2025	1000
trans-1,2-DICHLOROETHYLENE	µg/L		ND	7/24/2025	100
TRICHLOROETHYLENE	µg/L		ND	7/24/2025	5
VINYL CHLORIDE	µg/L		ND	7/24/2025	2
XYLENES (total)	µg/L		ND	7/24/2025	10000

ORGANIC CHEMICAL ANALYSES - SOC's (CA) - (EFFLUENT ENTRY POINT AT SCFP)			RESULTS	DATE	MCL
1,2-DIBROMO-3-CHLOROPROPANE	µg/L		ND	8/13/2025	0.2
2,4-D	µg/L		ND	1/27/2026	70
2,4,5-TP	µg/L		ND	8/13/2025	50
ALACHLOR (LASSO)	µg/L		ND	8/13/2025	2
ALDICARB	µg/L		ND	8/13/2025	N/A
ALDICARB SULFONE	µg/L		ND	8/13/2025	N/A
ALDICARB SULFOXIDE	µg/L		ND	8/13/2025	N/A
ATRAZINE	µg/L		ND	8/13/2025	3
BENZO(a)PYRENE	µg/L		ND	8/13/2025	0.2
BHC-GAMMA/LINDANE	µg/L		ND	8/13/2025	0.2
CARBOFURAN	µg/L		ND	8/13/2025	40
CHLORDANE	µg/L		ND	8/13/2025	2
DALAPON	µg/L		ND	8/13/2025	200
DINOSEB	µg/L		ND	8/13/2025	7
DIQUAT	µg/L		ND	8/13/2025	20
DI(2-ethylhexyl)ADIPATE	µg/L		ND	8/13/2025	400
DI(2-ethylhexyl)PHTHALATE	µg/L		ND	8/13/2025	6
ENDOTHALL	µg/L		ND	8/13/2025	100
ENDRIN	µg/L		ND	8/13/2025	2
ETHYLENE DIBROMIDE	µg/L		ND	8/13/2025	0.05
HEPTACHLOR	µg/L		ND	8/13/2025	0.4
HEPTACHLOR EPOXIDE	µg/L		ND	8/13/2025	0.2
HEXACHLOROBENZENE	µg/L		ND	8/13/2025	1
HEXACHLOROCYCLOPENTADIENE	µg/L		ND	8/13/2025	50
METHOXYCHLOR	µg/L		ND	8/13/2025	40
OXAMYL	µg/L		ND	8/13/2025	200
PENTACHLOROPHENOL	µg/L		ND	8/13/2025	1
PICLORAM	µg/L		ND	8/13/2025	500
POLYCHLORINATED BIPHENYLS	µg/L		ND	8/13/2025	0.5
SIMAZINE	µg/L		ND	8/13/2025	4
TOXAPHENE	µg/L		ND	8/13/2025	3

POLYFLUOROALKYL SUBSTANCES (PFAS)(CA)			EPA PROPOSED MCL/HI			
			RESULTS	HI CALC.	DATE	MCL/HI
PFOA - Perfluorooctanoic	ng/L		<1.74	NA	2/24/2026	4.0 ng/L
PFOS - Perfluorooctanesulfonic acid	ng/L		<1.61	NA	2/24/2026	4.0 ng/L
PFNA - Perfluorononanoic acid	ng/L		<1.74	0	2/24/2026	10 ng/L-HI
PFHxS - Perfluorohexanesulfonic acid	ng/L		<1.58	0	2/24/2026	10 ng/L-HI
PFBS - Perfluorobutanesulfonic acid	ng/L		<1.55	0	2/24/2026	HI
HFPO-DA (GenX)	ng/L		<1.74	0	2/24/2026	10 ng/L-HI
HAZARD INDEX TOTAL	ng/L			0	2/24/2026	1.0 HI MCL

For more information on PFAS, please visit the EPA website at:
<https://www.epa.gov/sdwa/and-polyfluoroalkyl-substances-pfas>

DISTRIBUTION SYSTEMS SAMPLES

CHLORINE (Districts Measure)

		TOTAL SAMPLES	MIN	MAX	AVG	DATE	MRDL
EAST LARIMER COUNTY WATER DISTRICT	mg/L	30	0.24	1.11	0.78	Jan-26	4.0
EAST LARIMER COUNTY WATER DISTRICT	mg/L	30	0.50	1.20	0.94	Feb-26	4.0
EAST LARIMER COUNTY WATER DISTRICT	mg/L	30	0.67	1.19	0.97	Mar-26	4.0
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FORTCOLLINS/LOVELAND WATER DISTRICT	mg/L	70	0.33	1.53	0.75	Jan-26	4.0
FORTCOLLINS/LOVELAND WATER DISTRICT	mg/L	70	0.37	1.34	0.74	Feb-26	4.0
FORTCOLLINS/LOVELAND WATER DISTRICT	mg/L	70	0.46	1.27	0.80	Mar-26	4.0
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NORTH WELD COUNTY WATER DISTRICT	mg/L	18	0.40	0.97	0.72	Jan-26	4.0
NORTH WELD COUNTY WATER DISTRICT	mg/L	18	0.51	1.01	0.78	Feb-26	4.0
NORTH WELD COUNTY WATER DISTRICT	mg/L	18	0.52	1.02	0.84	Mar-26	4.0

TOTAL COLIFORMS (EN/MMS/WCL)

		TOTAL SAMPLES	# POSITIVE	# NEGATIVE	DATE	MCL **TT LEVEL 1 or 2
EAST LARIMER COUNTY WATER DISTRICT		30	0	30	Jan-26	NO/NO
EAST LARIMER COUNTY WATER DISTRICT		30	0	30	Feb-26	NO/NO
EAST LARIMER COUNTY WATER DISTRICT		30	0	30	Mar-26	NO/NO
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FT COLLINS/LOVELAND WATER DISTRICT		70	0	70	Jan-26	NO/NO
FT COLLINS/LOVELAND WATER DISTRICT		70	0	70	Feb-26	NO/NO
FT COLLINS/LOVELAND WATER DISTRICT		70	0	70	Mar-26	NO/NO
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NORTH WELD COUNTY WATER DISTRICT		18	0	18	Jan-26	NO/NO
NORTH WELD COUNTY WATER DISTRICT		18	0	18	Feb-26	NO/NO
NORTH WELD COUNTY WATER DISTRICT		18	0	18	Mar-26	NO/NO

DISTRIBUTION SYSTEMS SAMPLES - CONTINUED

<u>TOTAL TRIHALOMETHANES AND HALOACETIC ACIDS</u>		TTHM RESULTS	MCL (LRAA)	HAA5 RESULTS	MCL (LRAA)	DATE
<u>EAST LARIMER COUNTY WATER DISTRICT (SGS)</u>						
SAMPLE SITE - DBP001	µg/L	51.6	80	35.8	60	1/12/2026
SAMPLE SITE - DBP002	µg/L	65.7	80	34.1	60	1/12/2026
SAMPLE SITE - DBP003	µg/L	51.0	80	37.2	60	1/12/2026
SAMPLE SITE - DBP004	µg/L	69.3	80	30.5	60	1/12/2026

<u>FORT COLLINS/LOVELAND WATER DISTRICT (CA)</u>						
SAMPLE SITE - DBP001	µg/L	62.75	80	30.52	60	1/7/2026
SAMPLE SITE - DBP002	µg/L	52.47	80	38.52	60	1/7/2026
SAMPLE SITE - DBP003	µg/L	43.81	80	31.98	60	1/7/2026
SAMPLE SITE - DBP004	µg/L	28.02	80	18.53	60	1/7/2026
SAMPLE SITE - DBP005	µg/L	41.81	80	28.98	60	1/7/2026
SAMPLE SITE - DBP006	µg/L	27.70	80	17.42	60	1/7/2026
SAMPLE SITE - DBP007	µg/L	47.11	80	31.53	60	1/7/2026
SAMPLE SITE - DBP008	µg/L	50.90	80	31.72	60	1/7/2026

<u>NORTH WELD COUNTY WATER DISTRICT (CA)</u>						
SAMPLE SITE - DBP001	µg/L	59.23	80	32.77	60	1/14/2026
SAMPLE SITE - DBP002	µg/L	42.12	80	31.90	60	1/14/2026
SAMPLE SITE - DBP003	µg/L	47.38	80	33.83	60	1/14/2026
SAMPLE SITE - DBP004	µg/L	58.39	80	29.20	60	1/14/2026

<u>CHLORITE (CA)</u>		1ST RES	AVG RES	MAX RES	DATE	MCL
FROM DISTRIBUTION SYSTEM(S)	mg/L	<0.01	<0.01	<0.01	2/24/2026	1.0

<u>LEAD AND COPPER</u>		90TH PERCENTILE mg/L	DATE	90th% ACTION LEVEL mg/L
<u>EAST LARIMER COUNTY WATER DISTRICT (SGS)</u>		30 SAMPLES COLLECTED		
LEAD	mg/L	0.0039	Jun-Jul-2025	0.015
COPPER	mg/L	0.175	Jun-Jul-2025	1.3

<u>FORT COLLINS LOVELAND WATER DISTRICT (CA)</u>		30 SAMPLES COLLECTED		
LEAD	mg/L	0.002	Jun-25	0.015
COPPER	mg/L	0.159	Jun-25	1.3

<u>NORTH WELD COUNTY WATER DISTRICT (WCL)</u>		30 SAMPLES COLLECTED		
LEAD	mg/L	0.00353	Aug-Sep 2024	0.015
COPPER	mg/L	0.25	Aug-Sep 2024	1.3

MCL = Maximum Contaminate Level - Enforcable

PFAS = Per- and Polyfluorinated Alkyl Substances

mg/L (ppm) = Milligrams Per Liter (Parts Per Million)

ng/L (ppt) = Nanograms Per Liter (Parts Per Trillion)

APHA = American Public Health Association color scale

***SMCL = Secondary Maximum Contaminate Level - Recomendado**

****TT = Treatment Technique**

SOC = Synthetic Organic Chemicals

RAA = Running Annual Average

ACTION LEVEL = Addition treatment required if exceeded

< = Less Than

(FCL) = Fort Collins Lab (UL) = United Lab (SGS) = SGS Lab (MMS) = MMS Environmental (WCL) = Weld County Lab

(CA) = Colorado Analytical Lab (EA) = Eurofins Eaton Analytical (EN) = Eanalytics

(SCWQL) = Soldier Canyon Water Quality Lab (SCFP) = Soldier Canyon Filter Plant

BDL = Below Detectable Limit

HI - Hazard Index

µg/L (ppb) = Micrograms Per Liter (Parts Per Billion)

pCi/L = Picocuries Per Liter

µs/L = MicroSiemens Per Centimeter

ND = Not Detected NT = Not Tested

N/A = Not applicable

VOC = Volatile Organic Chemicals

LRAA = Location Running Annual Average

MRDL = Maximum Residual Disinfectant Level

> = Greater Than