

SOLDIER CANYON WATER TREATMENT AUTHORITY

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

WATER QUALITY REPORT

4TH QUARTER 2025

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	24.0	30.0	28.0	36.0	57.0	43.0	N/A
ALUMINUM	mg/l	N/A	N/A	N/A	0.006	0.035	0.026	*0.05 - 0.2
CALCIUM HARDNESS	mg/l	23.0	24.0	23.0	23.0	24.0	23.0	N/A
CHLORINE	mg/l	N/A	N/A	N/A	1.25	1.44	1.33	4.0 MRDL
CHLORITE	mg/l	N/A	N/A	N/A	0.00	0.53	0.35	1.0
CHLORINE DIOXIDE	mg/l	N/A	N/A	N/A	0.00	0.02	0.00	0.8
CONDUCTIVITY	µs/cm	69.4	75.3	72.1	90.8	129.4	106.3	N/A
DISSOLVED OXYGEN	mg/l	1.1	10.2	6.3	N/A	N/A	N/A	N/A
FLUORIDE	mg/l	0.10	0.17	0.13	0.07	0.77	0.52	4.0/*2.0
HARDNESS (TOTAL)	mg/l	25.0	30.0	29.0	27.0	30.0	28.0	N/A
IRON	mg/l	0.04	0.12	0.06	0.00	0.01	0.01	*0.3
MANGANESE	mg/l	0.017	0.215	0.081	0.000	0.006	0.003	*0.05
pH	VALUE	6.80	7.79	7.34	8.18	8.42	8.31	*6.5-8.5
TEMPERATURE	°C	6.6	15.4	10.2	7.1	12.5	10.4	N/A
TRUE COLOR	APHA	6.0	11.0	9.0	0.0	2.0	1.0	*15.0
TURBIDITY	NTU	0.63	3.17	1.98	0.013	0.038	0.020	**<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		3.25	1.83	1.25	10/8/2025	RAA - ≥1.0
			3.31	1.83	1.28	10/8/2025	RAA - ≥1.0
			3.15	1.79	1.23	11/5/2025	RAA - ≥1.0
			3.01	1.77	1.18	12/10/2025	RAA - ≥1.0

			INFLUENT	DATE	MCL
ALKALINITY (SCWQL) - (SCFP INFLUENT)	mg/l		30.0	10/8/2025	N/A
			31.0	10/8/2025	N/A
			29.0	11/5/2025	N/A
			29.0	12/10/2025	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		0.2	8/13/2025	70
2,4-D	µg/L		ND	9/8/2025	70
2,4-D	µg/L		ND	10/15/2025	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		ND	NA	10/15/2025	4.0 ng/L
PFOS - Perfluorooctanesulfonic acid	ng/L		ND	NA	10/15/2025	4.0 ng/L
PFNA - Perfluorononanoic acid	ng/L		ND	0	10/15/2025	10 ng/L-HI
PFHxS - Perfluorohexanesulfonic acid	ng/L		ND	0	10/15/2025	10 ng/L-HI
PFBS - Perfluorobutanesulfonic acid	ng/L		ND	0	10/15/2025	HI
HFPO-DA (GenX)	ng/L		ND	0	10/15/2025	10 ng/L-HI
HAZARD INDEX TOTAL	ng/L			0	10/15/2025	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	0.29	1.08	0.76	Oct-25	4.0
EAST LARIMER COUNTY WATER DISTRICT	mg/L	30	0.30	1.02	0.76	Nov-25	4.0
EAST LARIMER COUNTY WATER DISTRICT	mg/L	30	0.33	1.13	0.82	Dec-25	4.0
FORTCOLLINS/LOVELAND WATER DISTRICT	mg/L	70	0.30	1.18	0.76	Oct-25	4.0
FORTCOLLINS/LOVELAND WATER DISTRICT	mg/L	70	0.35	1.23	0.68	Nov-25	4.0
FORTCOLLINS/LOVELAND WATER DISTRICT	mg/L	70	0.32	1.30	0.73	Dec-25	4.0
NORTH WELD COUNTY WATER DISTRICT	mg/L	18	0.21	1.02	0.66	Oct-25	4.0
NORTH WELD COUNTY WATER DISTRICT	mg/L	18	0.27	0.91	0.57	Nov-25	4.0
NORTH WELD COUNTY WATER DISTRICT	mg/L	18	0.37	0.96	0.69	Dec-25	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	Oct-25	NO/NO
EAST LARIMER COUNTY WATER DISTRICT		30	0	30	Nov-25	NO/NO
EAST LARIMER COUNTY WATER DISTRICT		30	0	30	Dec-25	NO/NO
FT COLLINS/LOVELAND WATER DISTRICT		70	0	70	Oct-25	NO/NO
FT COLLINS/LOVELAND WATER DISTRICT		70	0	70	Nov-25	NO/NO
FT COLLINS/LOVELAND WATER DISTRICT		70	0	70	Dec-25	NO/NO
NORTH WELD COUNTY WATER DISTRICT		18	0	18	Oct-25	NO/NO
NORTH WELD COUNTY WATER DISTRICT		18	0	18	Nov-25	NO/NO
NORTH WELD COUNTY WATER DISTRICT		18	0	18	Dec-25	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	44.4	80	30.6	60	10/14/2025
SAMPLE SITE - DBP002	µg/L	49.6	80	24.1	60	10/14/2025
SAMPLE SITE - DBP003	µg/L	56.3	80	32.6	60	10/14/2025
SAMPLE SITE - DBP004	µg/L	48.4	80	30.0	60	10/14/2025

<u>FORT COLLINS/LOVELAND WATER DISTRICT (CA)</u>						
SAMPLE SITE - DBP001	µg/L	33.02	80	23.98	60	10/1/2025
SAMPLE SITE - DBP002	µg/L	36.90	80	18.10	60	10/1/2025
SAMPLE SITE - DBP003	µg/L	34.25	80	19.64	60	10/1/2025
SAMPLE SITE - DBP004	µg/L	33.25	80	17.06	60	10/1/2025
SAMPLE SITE - DBP005	µg/L	28.93	80	17.95	60	10/1/2025
SAMPLE SITE - DBP006	µg/L	33.24	80	15.92	60	10/1/2025
SAMPLE SITE - DBP007	µg/L	35.58	80	24.30	60	10/1/2025
SAMPLE SITE - DBP008	µg/L	35.16	80	20.44	60	10/1/2025

<u>NORTH WELD COUNTY WATER DISTRICT (CA)</u>						
SAMPLE SITE - DBP001	µg/L	59.75	80	25.96	60	10/14/2025
SAMPLE SITE - DBP002	µg/L	42.35	80	32.55	60	10/14/2025
SAMPLE SITE - DBP003	µg/L	49.24	80	26.80	60	10/14/2025
SAMPLE SITE - DBP004	µg/L	42.94	80	29.63	60	10/14/2025

<u>CHLORITE (CA)</u>		1ST RES	AVG RES	MAX RES	DATE	MCL
FROM DISTRIBUTION SYSTEM(S)	mg/L	0.27	0.28	0.29	10/15/2025	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