

SOLDIER CANYON WATER TREATMENT AUTHORITY

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

WATER QUALITY REPORT

3RD QUARTER 2026

ANALYSIS PARAMETER Monitored at SCFP (not a certified lab)	Report	PLANT INFLUENT			PLANT EFFLUENT			MCL *SMCL
	Values	MIN	MAX	AVG	MIN	MAX	AVG	
ALKALINITY	mg/l	17.0	32.0	27.0	38.0	52.0	46.0	N/A
ALUMINUM	mg/l	N/A	N/A	N/A	0.022	0.037	0.033	*0.05 - 0.2
CALCIUM HARDNESS	mg/l	13.0	25.0	21.0	20.0	25.0	23.0	N/A
CHLORINE	mg/l	N/A	N/A	N/A	1.23	1.54	1.34	4.0 MRDL
CHLORITE	mg/l	N/A	N/A	N/A	0.25	0.57	0.40	1.0
CHLORINE DIOXIDE	mg/l	N/A	N/A	N/A	0.00	0.00	0.00	0.8
CONDUCTIVITY	µs/cm	44.8	73.4	64.4	94.2	119.7	105.7	N/A
DISSOLVED OXYGEN	mg/l	3.9	7.5	5.3	N/A	N/A	N/A	N/A
FLUORIDE	mg/l	0.09	0.21	0.16	0.49	0.79	0.65	4.0/*2.0
HARDNESS (TOTAL)	mg/l	18.0	32.0	26.0	26.0	32.0	28.0	N/A
IRON	mg/l	0.03	0.13	0.07	0.00	0.01	0.01	*0.3
MANGANESE	mg/l	0.011	0.072	0.053	0.001	0.004	0.003	*0.05
pH	VALUE	6.89	7.56	7.18	8.20	8.43	8.31	*6.5-8.5
TEMPERATURE	°C	8.1	21.7	12.5	11.6	14.7	13.1	N/A
TRUE COLOR	APHA	6.0	21.0	10.0	0.0	2.0	1.0	*15.0
TURBIDITY	NTU	0.74	6.01	1.67	0.013	0.026	0.018	**<1.0 TT

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

			RESULTS	DATE	MCL
ANTIMONY	mg/l		ND	8/20/2026	0.006
ARSENIC	mg/l		ND	8/20/2026	0.010
BARIUM	mg/l		0.013	8/20/2026	2.000
BERYLLIUM	mg/l		ND	8/20/2026	0.004
CADMIUM	mg/l		ND	8/20/2026	0.005
CHROMIUM	mg/l		ND	8/20/2026	0.1
FLUORIDE	mg/l		0.69	8/20/2026	4.0
MERCURY	mg/l		ND	8/20/2026	0.002
NICKEL	mg/l		ND	8/20/2026	N/A
SELENIUM	mg/l		ND	8/20/2026	0.050
SODIUM	mg/l		11.0	8/20/2026	N/A
THALLIUM	mg/l		ND	8/20/2026	0.002

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

			RESULTS	DATE	MCL
NITRATE	mg/l		ND	8/20/2026	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		2.99	1.56	1.37	7/15/2026	RAA - ≥ 1.0
			2.99	1.56	1.37	7/15/2026	RAA - ≥ 1.0
			3.04	1.65	1.31	8/12/2026	RAA - ≥ 1.0
			3.02	1.65	1.30	8/12/2026	RAA - ≥ 1.1
			2.93	1.64	1.26	9/9/2026	RAA - ≥ 1.2
			3.03	1.64	1.31	9/9/2026	RAA - ≥ 1.3

ALKALINITY (SCWQL) - (SCFP INFLUENT)			INFLUENT	DATE	MCL
ALKALINITY (SCWQL) - (SCFP INFLUENT)	mg/l		30	7/15/2026	N/A
			28	7/15/2026	N/A
			29	8/12/2026	N/A
			29	8/12/2026	N/A
			30	9/9/2026	N/A
			30	9/9/2026	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	7/22/2026	200
1,1,2-TRICHLOROETHANE	µg/L		ND	7/22/2026	5
1,1-DICHLOROETHYLENE	µg/L		ND	7/22/2026	7
1,2,4-TRICHLOROBENZENE	µg/L		ND	7/22/2026	70
1,2-DICHLOROETHANE	µg/L		ND	7/22/2026	5
1,2-DICHLOROPROPANE	µg/L		ND	7/22/2026	5
BENZENE	µg/L		ND	7/22/2026	5
CARBON TETRACHLORIDE	µg/L		ND	7/22/2026	5
CHLOROBENZENE	µg/L		ND	7/22/2026	100
cis-1,2-DICHLOROETHYLENE	µg/L		ND	7/22/2026	70
DICHLOROMETHANE	µg/L		ND	7/22/2026	5
ETHYLBENZENE	µg/L		ND	7/22/2026	700
o-DICHLOROBENZENE	µg/L		ND	7/22/2026	600
para-DICHLOROBENZENE	µg/L		ND	7/22/2026	75
STYRENE	µg/L		ND	7/22/2026	100
TETRACHLOROETHYLENE	µg/L		ND	7/22/2026	5
TOLUENE	µg/L		ND	7/22/2026	1000
trans-1,2-DICHLOROETHYLENE	µg/L		ND	7/22/2026	100
TRICHLOROETHYLENE	µg/L		ND	7/22/2026	5
VINYL CHLORIDE	µg/L		ND	7/22/2026	2
XYLENES (total)	µg/L		ND	7/22/2026	10000

ORGANIC CHEMICAL ANALYSES - SOC's (CA) - (EFFLUENT ENTRY POINT AT SCFP)			RESULTS	DATE	MCL
1,2-DIBROMO-3-CHLOROPROPANE	µg/L		ND	7/22/2026	0.2
2,4-D	µg/L		ND	7/22/2026	70
2,4,5-TP	µg/L		ND	7/22/2026	50
ALACHLOR (LASSO)	µg/L		ND	7/22/2026	2
ALDICARB	µg/L		ND	7/22/2026	N/A
ALDICARB SULFONE	µg/L		ND	7/22/2026	N/A
ALDICARB SULFOXIDE	µg/L		ND	7/22/2026	N/A
ATRAZINE	µg/L		ND	7/22/2026	3
BENZO(a)PYRENE	µg/L		ND	7/22/2026	0.2
BHC-GAMMA/LINDANE	µg/L		ND	7/22/2026	0.2
CARBOFURAN	µg/L		ND	7/22/2026	40
CHLORDANE	µg/L		ND	7/22/2026	2
DALAPON	µg/L		ND	7/22/2026	200
DINOSEB	µg/L		ND	7/22/2026	7
DIQUAT	µg/L		ND	7/22/2026	20
DI(2-ethylhexyl)ADIPATE	µg/L		ND	7/22/2026	400
DI(2-ethylhexyl)PHTHALATE	µg/L		ND	7/22/2026	6
ENDOTHALL	µg/L		ND	7/22/2026	100
ENDRIN	µg/L		ND	7/22/2026	2
ETHYLENE DIBROMIDE	µg/L		ND	7/22/2026	0.05
HEPTACHLOR	µg/L		ND	7/22/2026	0.4
HEPTACHLOR EPOXIDE	µg/L		ND	7/22/2026	0.2
HEXACHLOROBENZENE	µg/L		ND	7/22/2026	1
HEXACHLOROCYCLOPENTADIENE	µg/L		ND	7/22/2026	50
METHOXYCHLOR	µg/L		ND	7/22/2026	40
OXAMYL	µg/L		ND	7/22/2026	200
PENTACHLOROPHENOL	µg/L		ND	7/22/2026	1
PICLORAM	µg/L		ND	7/22/2026	500
POLYCHLORINATED BIPHENYLS	µg/L		ND	7/22/2026	0.5
SIMAZINE	µg/L		ND	7/22/2026	4
TOXAPHENE	µg/L		ND	7/22/2026	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	0.61	1.20	1.02	Jul-26	4.0
EAST LARIMER COUNTY WATER DISTRICT	mg/L	30	0.68	1.19	1.03	Aug-26	4.0
EAST LARIMER COUNTY WATER DISTRICT	mg/L	30	0.52	1.18	0.93	Sep-26	4.0
FORTCOLLINS/LOVELAND WATER DISTRICT	mg/L	70	0.34	1.47	0.86	Jul-26	4.0
FORTCOLLINS/LOVELAND WATER DISTRICT	mg/L	70	0.30	1.22	0.81	Aug-26	4.0
FORTCOLLINS/LOVELAND WATER DISTRICT	mg/L	70	0.37	1.41	0.89	Sep-26	4.0
NORTH WELD COUNTY WATER DISTRICT	mg/L	18	0.52	1.06	0.80	Jul-26	4.0
NORTH WELD COUNTY WATER DISTRICT	mg/L	18	0.35	0.96	0.69	Aug-26	4.0
NORTH WELD COUNTY WATER DISTRICT	mg/L	18	0.20	1.01	0.66	Sep-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	Jul-26	NO/NO
EAST LARIMER COUNTY WATER DISTRICT		30	0	30	Aug-26	NO/NO
EAST LARIMER COUNTY WATER DISTRICT		30	0	30	Sep-26	NO/NO
FT COLLINS/LOVELAND WATER DISTRICT		70	0	70	Jul-26	NO/NO
FT COLLINS/LOVELAND WATER DISTRICT		70	0	70	Aug-26	NO/NO
FT COLLINS/LOVELAND WATER DISTRICT		70	0	70	Sep-26	NO/NO
NORTH WELD COUNTY WATER DISTRICT		18	0	18	Jul-26	NO/NO
NORTH WELD COUNTY WATER DISTRICT		18	0	18	Aug-26	NO/NO
NORTH WELD COUNTY WATER DISTRICT		18	0	18	Sep-26	NO/NO

DISTRIBUTION SYSTEMS SAMPLES - CONTINUED

TOTAL TRIHALOMETHANES AND HALOACETIC ACIDS

		TTHM RESULTS	MCL (LRAA)	HAA5 RESULTS	MCL (LRAA)	DATE
EAST LARIMER COUNTY WATER DISTRICT (SGS)						
SAMPLE SITE - DBP001	µg/L	33.6	80	28.5	60	7/7/2026
SAMPLE SITE - DBP002	µg/L	38.3	80	26.9	60	7/7/2026
SAMPLE SITE - DBP003	µg/L	23.2	80	22.2	60	7/7/2026
SAMPLE SITE - DBP004	µg/L	51.6	80	25.3	60	7/7/2026

FORT COLLINS/LOVELAND WATER DISTRICT (CA)

SAMPLE SITE - DBP001	µg/L	20.66	80	17.60	60	7/8/2026
SAMPLE SITE - DBP002	µg/L	28.35	80	18.16	60	7/8/2026
SAMPLE SITE - DBP003	µg/L	25.32	80	22.00	60	7/8/2026
SAMPLE SITE - DBP004	µg/L	25.27	80	21.53	60	7/8/2026
SAMPLE SITE - DBP005	µg/L	21.66	80	16.92	60	7/8/2026
SAMPLE SITE - DBP006	µg/L	25.08	80	19.81	60	7/8/2026
SAMPLE SITE - DBP007	µg/L	27.30	80	20.94	60	7/8/2026
SAMPLE SITE - DBP008	µg/L	27.16	80	22.19	60	7/8/2026

NORTH WELD COUNTY WATER DISTRICT (CA)

SAMPLE SITE - DBP001	µg/L	48.63	80	20.46	60	7/14/2026
SAMPLE SITE - DBP002	µg/L	30.72	80	29.26	60	7/14/2026
SAMPLE SITE - DBP003	µg/L	36.46	80	25.83	60	7/14/2026
SAMPLE SITE - DBP004	µg/L	30.41	80	25.65	60	7/14/2026

CHLORITE (CA)

		1ST RES	AVG RES	MAX RES	DATE	MCL
FROM DISTRIBUTION SYSTEM(S)	mg/L	0.40	0.40	0.38	7/22/2026	1.0

LEAD AND COPPER

EAST LARIMER COUNTY WATER DISTRICT (SGS)

		90TH PERCENTILE mg/L	DATE	90th% ACTION LEVEL mg/L
30 SAMPLES COLLECTED				
LEAD	mg/L	0.0039	Jun-Jul-2025	0.015
COPPER	mg/L	0.175	Jun-Jul-2025	1.3

FORT COLLINS LOVELAND WATER DISTRICT (CA)

30 SAMPLES COLLECTED			
LEAD	mg/L	0.004	2026
COPPER	mg/L	0.141	2026

NORTH WELD COUNTY WATER DISTRICT (WCL)

30 SAMPLES COLLECTED			
LEAD	mg/L	0.00353	Aug-Sep 2024
COPPER	mg/L	0.25	Aug-Sep 2024

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