

SOLDIER CANYON WATER TREATMENT AUTHORITY

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

WATER QUALITY REPORT

2ND 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	14.0	32.0	24.0	35.0	37.0	36.0	N/A
ALUMINUM	mg/l	N/A	N/A	N/A	0.028	0.054	0.043	*0.05 - 0.2
CALCIUM HARDNESS	mg/l	11.0	25.0	19.0	18.0	21.0	20.0	N/A
CHLORINE	mg/l	N/A	N/A	N/A	1.27	1.43	1.35	4.0 MRDL
CHLORITE	mg/l	N/A	N/A	N/A	0.00	0.65	0.36	1.0
CHLORINE DIOXIDE	mg/l	N/A	N/A	N/A	0.00	0.00	0.00	0.8
CONDUCTIVITY	µs/cm	37.0	73.0	59.0	89.0	97.0	94.0	N/A
DISSOLVED OXYGEN	mg/l	7.4	10.8	8.8	N/A	N/A	N/A	N/A
FLUORIDE	mg/l	0.11	0.19	0.16	0.51	0.78	0.68	4.0/*2.0
HARDNESS (TOTAL)	mg/l	13.0	31.0	23.0	22.0	27.0	24.0	N/A
IRON	mg/l	0.04	0.15	0.07	0.01	0.01	0.01	*0.3
MANGANESE	mg/l	0.009	0.020	0.015	0.000	0.003	0.002	*0.05
pH	VALUE	7.13	7.67	7.43	8.22	8.40	8.31	*6.5-8.5
TEMPERATURE	°C	5.6	18.0	9.6	6.4	12.4	9.5	N/A
TRUE COLOR	APHA	6.0	42.0	18.0	0.0	1.0	0.0	*15.0
TURBIDITY	NTU	0.73	32.60	1.83	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	8/13/2025	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		3.49	1.76	1.42	4/22/2026	RAA - ≥ 1.0
			3.13	1.76	1.25	4/22/2026	RAA - ≥ 1.0
			4.59	1.96	1.27	5/6/2026	RAA - ≥ 1.0
			3.40	1.96	1.21	5/6/2026	RAA - ≥ 1.1
			3.40	1.56	1.55	6/10/2026	RAA - ≥ 1.2
			3.38	1.56	1.54	6/10/2026	RAA - ≥ 1.3

ALKALINITY (SCWQL) - (SCFP INFLUENT)

			INFLUENT		DATE	MCL
ALKALINITY (SCWQL) - (SCFP INFLUENT)	mg/l		27		4/22/2026	N/A
			29		4/22/2026	N/A
			23		5/6/2026	N/A
			27		5/6/2026	N/A
			28		6/10/2026	N/A
			28		6/10/2026	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	5/13/2026	0.2
2,4-D	µg/L		ND	5/13/2026	70
2,4,5-TP	µg/L		ND	5/13/2026	50
ALACHLOR (LASSO)	µg/L		ND	5/13/2026	2
ALDICARB	µg/L		ND	5/13/2026	N/A
ALDICARB SULFONE	µg/L		ND	5/13/2026	N/A
ALDICARB SULFOXIDE	µg/L		ND	5/13/2026	N/A
ATRAZINE	µg/L		ND	5/13/2026	3
BENZO(a)PYRENE	µg/L		ND	5/13/2026	0.2
BHC-GAMMA/LINDANE	µg/L		ND	5/13/2026	0.2
CARBOFURAN	µg/L		ND	5/13/2026	40
CHLORDANE	µg/L		ND	5/13/2026	2
DALAPON	µg/L		ND	5/13/2026	200
DINOSEB	µg/L		ND	5/13/2026	7
DIQUAT	µg/L		ND	5/13/2026	20
DI(2-ethylhexyl)ADIPATE	µg/L		ND	5/13/2026	400
DI(2-ethylhexyl)PHTHALATE	µg/L		ND	5/13/2026	6
ENDOTHALL	µg/L		ND	5/13/2026	100
ENDRIN	µg/L		ND	5/13/2026	2
ETHYLENE DIBROMIDE	µg/L		ND	5/13/2026	0.05
HEPTACHLOR	µg/L		ND	5/13/2026	0.4
HEPTACHLOR EPOXIDE	µg/L		ND	5/13/2026	0.2
HEXACHLOROBENZENE	µg/L		ND	5/13/2026	1
HEXACHLOROCYCLOPENTADIENE	µg/L		ND	5/13/2026	50
METHOXYCHLOR	µg/L		ND	5/13/2026	40
OXAMYL	µg/L		ND	5/13/2026	200
PENTACHLOROPHENOL	µg/L		ND	5/13/2026	1
PICLORAM	µg/L		ND	5/13/2026	500
POLYCHLORINATED BIPHENYLS	µg/L		ND	5/13/2026	0.5
SIMAZINE	µg/L		ND	5/13/2026	4
TOXAPHENE	µg/L		ND	5/13/2026	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	0.59	1.23	0.95	Apr-26	4.0
EAST LARIMER COUNTY WATER DISTRICT	mg/L	30	0.40	1.19	0.96	May-26	4.0
EAST LARIMER COUNTY WATER DISTRICT	mg/L	30	0.69	1.12	1.01	Jun-26	4.0
FORTCOLLINS/LOVELAND WATER DISTRICT	mg/L	70	0.34	1.32	0.76	Apr-26	4.0
FORTCOLLINS/LOVELAND WATER DISTRICT	mg/L	70	0.37	1.31	0.80	May-26	4.0
FORTCOLLINS/LOVELAND WATER DISTRICT	mg/L	70	0.30	1.36	0.85	Jun-26	4.0
NORTH WELD COUNTY WATER DISTRICT	mg/L	18	0.39	0.99	0.74	Apr-26	4.0
NORTH WELD COUNTY WATER DISTRICT	mg/L	18	0.29	1.06	0.78	May-26	4.0
NORTH WELD COUNTY WATER DISTRICT	mg/L	18	0.33	1.03	0.71	Jun-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	Apr-26	NO/NO
EAST LARIMER COUNTY WATER DISTRICT		30	0	30	May-26	NO/NO
EAST LARIMER COUNTY WATER DISTRICT		30	0	30	Jun-26	NO/NO
FT COLLINS/LOVELAND WATER DISTRICT		70	0	70	Apr-26	NO/NO
FT COLLINS/LOVELAND WATER DISTRICT		70	0	70	May-26	NO/NO
FT COLLINS/LOVELAND WATER DISTRICT		70	0	70	Jun-26	NO/NO
NORTH WELD COUNTY WATER DISTRICT		18	0	18	Apr-26	NO/NO
NORTH WELD COUNTY WATER DISTRICT		18	0	18	May-26	NO/NO
NORTH WELD COUNTY WATER DISTRICT		18	0	18	Jun-26	NO/NO

DISTRIBUTION SYSTEMS SAMPLES - CONTINUED

<u>TOTAL TRIHALOMETHANES AND HALOACETIC ACIDS</u>		TTHM RESULTS	MCL (LRAA)	HAA5 RESULTS	MCL (LRAA)	DATE
EAST LARIMER COUNTY WATER DISTRICT (SGS)						
SAMPLE SITE - DBP001	µg/L	46.5	80	30.2	60	4/6/2026
SAMPLE SITE - DBP002	µg/L	63.2	80	38.1	60	4/6/2026
SAMPLE SITE - DBP003	µg/L	36.6	80	25.2	60	4/6/2026
SAMPLE SITE - DBP004	µg/L	60.0	80	27.3	60	4/6/2026

FORT COLLINS/LOVELAND WATER DISTRICT (CA)						
SAMPLE SITE - DBP001	µg/L	43.48	80	30.01	60	4/1/2026
SAMPLE SITE - DBP002	µg/L	46.31	80	40.68	60	4/1/2026
SAMPLE SITE - DBP003	µg/L	42.59	80	39.18	60	4/1/2026
SAMPLE SITE - DBP004	µg/L	43.18	80	36.65	60	4/1/2026
SAMPLE SITE - DBP005	µg/L	40.59	80	29.75	60	4/1/2026
SAMPLE SITE - DBP006	µg/L	43.06	80	38.34	60	4/1/2026
SAMPLE SITE - DBP007	µg/L	44.49	80	40.75	60	4/1/2026
SAMPLE SITE - DBP008	µg/L	40.31	80	33.22	60	4/1/2026

NORTH WELD COUNTY WATER DISTRICT (CA)						
SAMPLE SITE - DBP001	µg/L	59.09	80	32.62	60	4/14/2026
SAMPLE SITE - DBP002	µg/L	38.63	80	35.90	60	4/14/2026
SAMPLE SITE - DBP003	µg/L	42.68	80	38.72	60	4/14/2026
SAMPLE SITE - DBP004	µg/L	38.73	80	34.54	60	4/14/2026

CHLORITE (CA)		1ST RES	AVG RES	MAX RES	DATE	MCL
FROM DISTRIBUTION SYSTEM(S)	mg/L	0.41	0.32	0.31	5/13/2026	1.0

LEAD AND COPPER		90TH PERCENTILE mg/L	DATE	90th% ACTION LEVEL mg/L
EAST LARIMER COUNTY WATER DISTRICT (SGS)		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	0.002	Jun-25	0.015
COPPER	mg/L	0.159	Jun-25	1.3

NORTH WELD COUNTY WATER DISTRICT (WCL)		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