



Percent Reduction in Contaminants
Colorado Department of Transportation (CDOT) In-House Test Results

Indicates That Analyte Level Was Transformed From Non-Compliant to Compliant for DRINKING WATER Standards

		<u>Aluminum</u>	<u>Antimony</u>	<u>Arsenic</u>	<u>Barium</u>	<u>Boron</u>	<u>Cadmium</u>	<u>Chloride</u>	<u>Chromium</u>	<u>Copper</u>	<u>Iron</u>	<u>Lead</u>	<u>Manganese</u>	<u>Nickel</u>	<u>Selenium</u>	<u>Strontium</u>	<u>Zinc</u>	<u>Diesel Range Organics</u>	<u>Gasoline Range Organics</u>	<u>Oil and Grease</u>
Highest Allowable Drinking Water Standard		0.05 to 0.2	0.00600	0.01000	2.00000		0.00500	250.00000	0.10000	1.30000	0.30000	0.01500	0.05000		0.05000		5.00000			
Colorado Springs	Pre-Test	1.10000	0.00030	0.00320	0.12600	1.20000	0.00680	3400.00000	0.00374	0.04740	2.40000	0.03330	0.32800	0.00887	0.00649	1.10000	0.33800			
	Post-Test	0.44000	0.00030	0.00030	0.09580	0.70000	0.00020	410.00000	0.00151	0.00010	0.86000	0.00437	0.24300	0.00571	0.00428	0.93000	0.12200			
	Result	-60.00%	NMN	-90.63%	-23.97%	-41.67%	-97.06%	-87.94%	-59.63%	-99.79%	-64.17%	-86.88%	-25.91%	-35.63%	-34.05%	-15.45%	-63.91%			
Delores 1	Pre-Test	9.70000	0.00060	0.01400	1.83000	1.60000	0.01170	11000.00000	0.00818	0.02300	15.00000	0.02160	3.03000	0.02360	0.01190	1.40000	0.19300			
	Post-Test	0.18000	0.00060	0.00557	0.52300	1.70000	0.00419	4700.00000	0.00080	0.00020	0.35000	0.00020	1.02000	0.00962	0.01270	0.79000	0.04490			
	Result	-98.14%	NMN	-60.21%	-71.42%	NMN	-64.19%	-57.27%	-90.22%	-99.13%	-97.67%	-99.07%	-66.34%	-59.24%	NMN	-43.57%	-76.74%			
Delores 2	Pre-Test	0.40000	0.01070	0.10900	0.84000	31.00000	0.00020	18000.00000	0.00430	0.00010	1.10000	0.00201	1.36000	0.01180	0.04940	1.10000	0.03550			
	Post-Test	0.01400	0.00306	0.00930	0.41800	4.10000	0.00020	3100.00000	0.00040	0.00010	0.21000	0.00010	0.58600	0.00371	0.01820	0.93000	0.02020			
	Result	-96.50%	-71.40%	-91.47%	-50.24%	-86.77%	NMN	-82.78%	-90.70%	NMN	-80.91%	-95.02%	-56.91%	-68.56%	-63.16%	-15.45%	-43.10%			
Telluride 1	Pre-Test	11.00000	0.00060	0.02350	0.89400	11.00000	0.01830	10000.00000	0.01030	0.07600	17.00000	0.04910	2.16000	0.05400	0.04690	3.60000	1.01000	43.0000	350.0000	87.0000
	Post-Test	0.14000	0.00060	0.01290	0.33600	6.90000	0.01180	7000.00000	0.00080	0.02050	0.66000	0.00020	0.84000	0.01640	0.02570	2.40000	0.34000	4.1000	15.0000	9.7000
	Result	-98.73%	NMN	-45.11%	-62.42%	-37.27%	-35.52%	-30.00%	-92.23%	-73.03%	-96.12%	-99.59%	-61.11%	-69.63%	-45.20%	-33.33%	-66.34%	-90.47%	-95.71%	-88.85%
Telluride 2	Pre-Test	0.32000	0.00599	0.01660	0.36700	8.70000	0.00603	8000.00000	0.00136	0.19600	0.69000	0.00622	1.18000	0.02410	0.03180	3.30000	0.44000	2.6000	21.0000	20.0000
	Post-Test	0.06000	0.00442	0.00782	0.28800	5.10000	0.00194	5900.00000	0.00040	0.02160	0.39000	0.00331	0.81700	0.01020	0.02240	2.40000	0.23400	0.9600	21.0000	8.1000
	Result	-81.25%	-26.21%	-52.89%	-21.53%	-41.38%	-67.83%	-26.25%	-70.59%	-88.98%	-43.48%	-46.78%	-30.76%	-57.68%	-29.56%	-27.27%	-46.82%	-63.08%	NMN	-59.50%
Derby	Pre-Test	5.00000	0.00632	0.00060	0.13600	0.28000	0.00507	315.00000	0.00914	0.05310	7.00000	0.04830	0.20500	0.03320	0.00180	0.92000	0.48900			
	Post-Test	0.06200	0.00060	0.00060	0.04360	0.15000	0.00040	140.00000	0.00080	0.00020	0.11000	0.00703	0.02850	0.00837	0.00180	0.83000	0.13700			
	Result	-98.76%	-90.51%	NMN	-67.94%	-46.43%	-92.11%	-55.56%	-91.25%	-99.62%	-98.43%	-85.45%	-86.10%	-74.79%	NMN	-9.78%	-71.98%			
Knox	Pre-Test	30.00000	0.00769	0.01330	0.67300	0.33000	0.00983	8,000.00000	0.03480	0.12800	51.00000	0.10300	0.46500	0.03140	0.00190	0.69000	1.47000			
	Post-Test	0.16000	0.00050	0.00050	0.05630	0.00180	0.00036	380.00000	0.00072	0.01480	0.29000	0.00265	0.01870	0.00012	0.00190	0.20000	0.07860			
	Result	-99.47%	-93.50%	-96.24%	-91.63%	-99.45%	-96.34%	-95.25%	-97.93%	-88.44%	-99.43%	-97.43%	-95.98%	-99.62%	NMN	-71.01%	-94.65%			
Results Analysis	Best Result	-99.47%	-93.50%	-96.24%	-91.63%	-99.45%	-97.06%	-95.25%	-97.93%	-99.79%	-99.43%	-99.59%	-95.98%	-99.62%	-63.16%	-71.01%	-94.65%	-90.47%	-95.71%	-88.85%
	Average Result	-90.41%	-70.40%	-72.76%	-55.59%	-58.83%	-75.51%	-62.15%	-84.65%	-91.50%	-82.89%	-87.18%	-60.44%	-66.45%	-42.99%	-30.84%	-66.22%	-76.77%	-95.71%	-74.18%

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