

**Comparison of NMED versus EPA Monitoring Plans
For the Animas and San Juan Watersheds
July 25, 2016**



Animas River



Parameter	NMED Plan	EPA Plan
Background definition	✓	Partial
Public drinking water quality	✓	✓ EPA funds NMED
Metals accumulation in public water system treatment infrastructure	✓	
Surface water quality		2 total in 2015-2016
Base flow	✓	✓
Spring runoff	✓	✓
Storm events	✓	
Real-time stream field parameters *	✓	
Communication system for SW users	✓	
Nutrients and E. coli	✓	
Stream sediment	✓	✓
Lake and reservoir sediment	✓	
Irrigation ditch sediment	✓	
Soil in irrigated fields	✓	
Riverbed and alluvial aquifer interactions	✓	
Irrigation canal seepage into groundwater	✓	
Solids characterization and reactivity	✓	
Regional water table mapping *	✓	
Private domestic well quality *	✓	
Radium in solids and groundwater	✓	
Airborne dust	To be determined	
Aquatic algae *	✓	
Nutrient processing	✓	
Aquatic invertebrate population *	✓	one event in Fall 2016
Aquatic invertebrate tissue *	✓	
Fish population	✓	one event in Fall 2016
Fish tissue	✓	one event in Fall 2016
Riparian plants	✓	
Riparian invertebrates	✓	
Wildlife	✓	
Livestock	To be determined	
Crops	✓	
Human biomonitoring	CDC funds NMDOH	
Ongoing and future discharges	✓	
Citizen Advisory Committee	✓	

*Elements of the NMED Long-Term Monitoring Plan currently funded by the EPA