

**Comparison of NMED, CDPHE, UDEQ, and EPA Monitoring Plans
For the Animas and San Juan Watersheds
May 9, 2016**

Parameter	EPA Plan	CDPHE Plan	UDEQ Plan	NMED 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/alert 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			✓ (Characterization of metals loading)	✓
Regional water table mapping				✓
Private domestic well quality		✓	✓	✓
Radium in solids and groundwater				✓
Airborne dust				To be determined
Aquatic algae		✓		✓
Nutrient processing				✓

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Aquatic invertebrate population	one event in Fall 2016	One event in October 2016		✓
Aquatic invertebrate tissue		One event in October 2016		✓
Fish population	one event in Fall 2016			✓
Fish tissue	one event in Fall 2016	One event		✓
Riparian plants				✓
Riparian invertebrates				✓
Wildlife				✓
Livestock				To be determined
Crops				✓
Human biomonitoring				CDC funds NMDOH
Ecological Risk Assessment			✓	
Human Health Risk Assessment			✓	
Ongoing and future discharges			✓	✓
Citizen Advisory Committee/Public information and Stakeholder Outreach			✓	✓