

Water-Data Report 2013

473214116101200 GOVERNMENT GULCH CREEK BELOW PLANT NEAR SMELTERVILLE, ID

Spokane Basin
South Fork Coeur D'Alene Subbasin

LOCATION.--Lat 47°32'14.1", long 116°10'11.6" referenced to North American Datum of 1983, Shoshone County, ID, Hydrologic Unit 17010302.

WATER-QUALITY RECORDS

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013**

Part 1 of 3

[CaCO₃, calcium carbonate; N, nitrogen; P, phosphorus; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm, millimeters; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than]

Date	Sample start time	Temperature, air, °C (00020)	Discharge, instantaneous, ft ³ /s (00061)	pH, water, unfiltered, field, standard units (00400)	Specific conductance, water, unfiltered, μS/cm at 25°C (00095)	Temperature, water, °C (00010)	Hardness, water, mg/L as CaCO ₃ (00900)	Calcium, water, filtered, mg/L (00915)	Magnesium, water, filtered, mg/L (00925)	Ammonia, water, filtered, mg/L as N (00608)
09-24-2013	0810	10.0	1.4	6.7	76	11.2	26.3	7.62	1.76	< .010

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013**

Part 2 of 3

[CaCO₃, calcium carbonate; N, nitrogen; P, phosphorus; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm, millimeters; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than]

Date	Sample start time	Nitrate plus nitrite, water, filtered, mg/L as N (00631)	Orthophosphate, water, filtered, mg/L as P (00671)	Phosphorus, water, filtered, mg/L as P (00666)	Phosphorus, water, unfiltered, mg/L as P (00665)	Total nitrogen, water, unfiltered, analytically determined, mg/L (62855)	Cadmium, water, filtered, μg/L (01025)	Cadmium, water, unfiltered, μg/L (01027)	Iron, water, filtered, μg/L (01046)
09-24-2013	0810	0.12	0.024	0.027	0.037	0.13	56.1	55.5	6.1

473214116101200 GOVERNMENT GULCH CREEK BELOW PLANT NEAR SMELTERVILLE, ID—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Part 3 of 3

[CaCO₃, calcium carbonate; N, nitrogen; P, phosphorus; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm, millimeters; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than]

Date	Sample start time	Iron,	Lead,	Manga-	Manga-	Zinc,	Suspended	Suspended		
		water,	water,	nese,	nese,	water,	sediment,			
		unfiltered,	unfiltered,	water,	water,	unfiltered,	sieve	sediment		
		recover-	recover-	filtered,	filtered,	recover-	diameter,	concentration,		
		able,	able,	water,	water,	able,	percent	mg/L		
		μg/L	μg/L	μg/L	μg/L	μg/L	smaller	(80154)		
		(01045)	(01049)	(01051)	(01056)	(01090)	than 0.0625			
							mm			
							(70331)			
09-24-2013	0810	44.9	2.48	8.55	67.0	74.9	2,060	1,880	52	4