

13213080 SAND HOLLOW DRAIN AT MOUTH NEAR PARMA, ID

Middle Snake-Boise Basin
Lower Boise Subbasin

LOCATION.--Lat 43°49'17", long 117°00'44" referenced to North American Datum of 1927, Canyon County, ID, Hydrologic Unit 17050114, at bridge inside refuge, about 3 mile west of highway 20, on 1st Ave/ Old Fort Boise Rd.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--August 2012.

REMARKS.--In August 2012, a continuous water-quality monitor was installed for 24 hours. Additionally, a water-quality sample was collected and a flow measurement was completed. 15-minute values for temperature and dissolved oxygen are available on NWIS web.

The data provided for the 24-hour period between August 23 and August 24, 2012 are worked, checked, and reviewed in the same manner as all continuous data. However, daily minimum, maximum, and mean values are not computed for the 24-hour period because the data were collected over 24 hours that spanned two different days.

Periphyton data were also collected during the same timeframe when the continuous water-quality monitor was deployed on site. Those data are available on NWIS web.

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

Part 1 of 5

[FNU, Formazin nephelometric units; LED, light-emitting diode; N, nitrogen; P, phosphorus; ft, feet; ft/s, feet per second; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; mm, millimeters; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; --, no data]

Sample date-time	Barometric pressure, mm Hg (00025)	Temperature, air, °C (00020)	Discharge, instantaneous, ft ³ /s (00061)	Dissolved oxygen, water, unfiltered, mg/L (00300)	Floating algae mats, severity (01325)	Floating debris, severity (01345)	Floating garbage, severity (01320)	pH, water, unfiltered, field, standard units (00400)	Specific conductance, water, unfiltered, µS/cm at 25°C (00095)
08-23-2012 1100	--	--	--	--	--	--	--	--	--
08-23-2012 1534	698	30.5	169	7.5	None	None	None	7.9	463

13213080 SAND HOLLOW DRAIN AT MOUTH NEAR PARMA, ID—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Part 2 of 5

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Sample date-time	Temperature, water, °C (00010)	Turbidity, water, unfiltered, monochrome near infrared LED light, 780-900 nm, detection angle 90 +/- 2.5 degrees, FNU (63680)	Detergent suds, severity (01305)	Gage height, ft (00065)	Odor, atmospheric, severity (01330)	Sample location, distance upstream, ft (72105)	Stream width, ft (00004)	Turbidity, severity (01350)
08-23-2012 1100	--	--	--	--	--	--	--	--
08-23-2012 1534	21.0	40	None	.07	None	20.0	23.0	Extreme

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Part 3 of 5

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Sample date-time	Velocity at point in stream, ft/s (81904)	Number of sampling points, count (00063)	Sample purpose (71999)	Sample splitter type, field (84171)	Sampler type (84164)	Sampling method (82398)
08-23-2012 1100	--	--	Routine	--	Periphyton nat sub	Periphyton NS RTH
08-23-2012 1534	3.00	10	Routine	CS p 14L cubtnr spgt	US DH-95 plastic	EWI

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Part 4 of 5

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Sample date-time	Purpose, site visit (50280)	Transit rate, sampler, ft/s (50015)	Ammonia, water, filtered, mg/L as N (00608)	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)
08-23-2012 1100	Synoptic SW	--	--	--	--	--	--	--
08-23-2012 1534	Fixed frequency SW	.1	.014	2.24	.186	.19	.35	3.06

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Part 5 of 5

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Sample date-time	Biomass, periphyton, ash weight, grams per square meter (00572)	Chlorophyll a, periphyton, spectropho tometric method, corrected, milligrams per square meter (32223)	Pheophyti n a, periphyton, spectropho tometric acid method, corrected, milligrams per square meter (32224)	Dead fish, severity (01340)	Oil and grease, severity (01300)	Suspended sediment, sieve diameter, percent smaller than 0.0625 mm (70331)	Suspended sediment concentra- tion, mg/L (80154)
08-23-2012 1100	18.0	15.0	3.00	--	--	--	--
08-23-2012 1534	--	--	--	None	None	77	129