



Water-Data Report 2012

434821116444300 SAND HOLLOW CREEK NEAR I-84 SAND HOLLOW, ID

Middle Snake-Boise Basin
Lower Boise Subbasin

LOCATION.--Lat 43°48'20.52", long 116°44'42.9" referenced to North American Datum of 1983, in sec.6, T.5 N., R.3 W., Canyon County, ID, Hydrologic Unit 17050114, at culvert on Old Highway 30, 650 feet southeast of Oasis Rd., and 2 mile east of Interstate 84.

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 22 and August 23, 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; 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 1003	696	21.0	7.0	7.3	None	None	None	7.6	253
08-23-2012 1400	--	--	--	--	--	--	--	--	--

434821116444300 SAND HOLLOW CREEK NEAR I-84 SAND HOLLOW, 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)	Odor, atmospheric, severity (01330)	Stream width, ft (00004)	Turbidity, severity (01350)	Velocity at point in stream, ft/s (81904)	Number of sampling points, count (00063)
08-23-2012 1003	17.1	5.3	None	None	9.00	Mild	1.70	10
08-23-2012 1400	--	--	--	--	--	--	--	--

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Part 3 of 5

[FNU, Formazin nephelometric units; LED, light-emitting diode; 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	Sample purpose (71999)	Sample splitter type, field (84171)	Sampler type (84164)	Sampling method (82398)	Purpose, site visit (50280)	Transit rate, sampler, ft/s (50015)
08-23-2012 1003	Routine	CS p 8L cubtnr spgt	US DH-95 plastic	EWI	Fixed frequency SW	0.1
08-23-2012 1400	Routine	--	Periphyton nat sub	Periphyton NS RTH	Synoptic SW	--

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Part 4 of 5

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Sample date-time	Orthophosphate, water, filtered, mg/L as P (00671)	Phosphorus, water, filtered, mg/L as P (00666)	Phosphorus, water, unfiltered, mg/L as P (00665)	Biomass, periphyton, ash weight, grams per square meter (00572)	Chlorophyll a, periphyton, spectrophotometric method, corrected, milligrams per square meter (32223)	Pheophytin a, periphyton, spectrophotometric 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)
08-23-2012 1003	0.129	0.14	0.15	--	--	--	None	None	68
08-23-2012 1400	--	--	--	27.0	84.0	34.0	--	--	--

434821116444300 SAND HOLLOW CREEK NEAR I-84 SAND HOLLOW, ID—Continued

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

Part 5 of 5

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Sample date-time	Suspended sediment concentration, mg/L (80154)
08-23-2012 1003	14
08-23-2012 1400	--