

433422116323200 INDIAN CREEK AT SUGAR AVE NAMPA, ID

Middle Snake-Boise Basin
Lower Boise Subbasin

LOCATION.--Lat 43°34'20.08", long 116°32'33.29" referenced to North American Datum of 1983, in SW ¼ NE ¼ sec.26, T.3 N., R.2 W., Canyon County, ID, Hydrologic Unit 17050114, at bridge on S Sugar Ave., about 1 mile south of Interstate 84, and northeast edge of Nampa.

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 24 and August 25, 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)
08-22-2012 1600	--	--	--	--	--	--	--	--	--
08-24-2012 1000	700	20.0	141	4.2	Moderate	None	None	7.4	434

433422116323200 INDIAN CREEK AT SUGAR AVE NAMPA, 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)	Sample location, distance downstream, ft (72104)	Stream width, ft (00004)	Turbidity, severity (01350)	Velocity at point in stream, ft/s (81904)
08-22-2012 1600	--	--	--	--	--	--	--	--
08-24-2012 1000	17.1	4.2	None	None	60.0	10.0	Mild	3.50

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Part 3 of 5

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Sample date-time	Number of sampling points, count (00063)	Sample purpose (71999)	Sample splitter type, field (84171)	Sampler type (84164)	Sampling method (82398)	Purpose, site visit (50280)
08-22-2012 1600	--	Routine	--	Periphyton nat sub	Periphyton NS RTH	Synoptic SW
08-24-2012 1000	10	Routine	CS p 8L cubtnr spgt	US DH-95 plastic	EWI	Fixed frequency SW

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Part 4 of 5

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Sample date-time	Transit rate, sampler, ft/s (50015)	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, 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)
08-22-2012 1600	--	--	--	--	78.0	251	68.0	--	--
08-24-2012 1000	.2	.200	.21	.22	--	--	--	None	None

433422116323200 INDIAN CREEK AT SUGAR AVE NAMPA, 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, sieve diameter, percent smaller than 0.0625 mm (70331)	Suspended sediment concentration, mg/L (80154)
08-22-2012 1600	--	--
08-24-2012 1000	65	6