

Water-Data Report 2012

13063000 BLACKFOOT RIVER ABOVE RESERVOIR NEAR HENRY, ID

Upper Snake Basin
Blackfoot Subbasin

LOCATION.--Lat 42°48'55", long 111°30'24" referenced to North American Datum of 1983, in SE ¼ NE ¼ sec.14, T.7 S., R.42 E., Caribou County, ID, Hydrologic Unit 17040207, China Hat quad., on right bank 70 ft upstream from railroad bridge, just upstream from the Monsanto Chemical Company "Haul Road", 5 mi upstream from Blackfoot Reservoir flow line, 6 mi south of Henry, 11 mi north of Soda Springs, and at mile 90.8.

DRAINAGE AREA.--333 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--April 1914 to September 1925 (no winter records except water year 1915), August 1967 to October 1982, April 2001 to September 2005; seasonal records (April to September) water years 2006 to 2009, April to November 2010.

REVISED RECORDS.--WDR-US-2010: Drainage area.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 6,259.36 ft above NGVD of 1929 (levels by Topographic Division). Mar. 25, 1914 to Sept. 30, 1914, nonrecording gage at site 3.3 mi downstream at different datum. Oct. 1, 1915 to Sept. 30, 1925, nonrecording gage at site 4 mi downstream at different datum. August 1967 to September 1982, recording gage at present site and datum.

REMARKS.--Records good, except for estimated daily discharges, which are fair. Station equipment includes satellite telemetry. Diversions above station for irrigation of about 4,500 acres (1966 determination).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 2,150 ft³/s Apr. 26, 1974, gage height, 8.60 ft; minimum daily, 5.0 ft³/s Aug. 14, 2001.

EXTREMES FOR CURRENT YEAR.--Water year 2012: Maximum recorded daily discharge, 547 ft³/s Apr. 13; minimum recorded daily, 38 ft³/s Aug. 29, 30.

October to November 2012: Maximum daily discharge during period, 69 ft³/s Nov. 19; minimum daily, 36 ft³/s, Nov. 12.

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DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012
DAILY MEAN VALUES
[e, estimated]

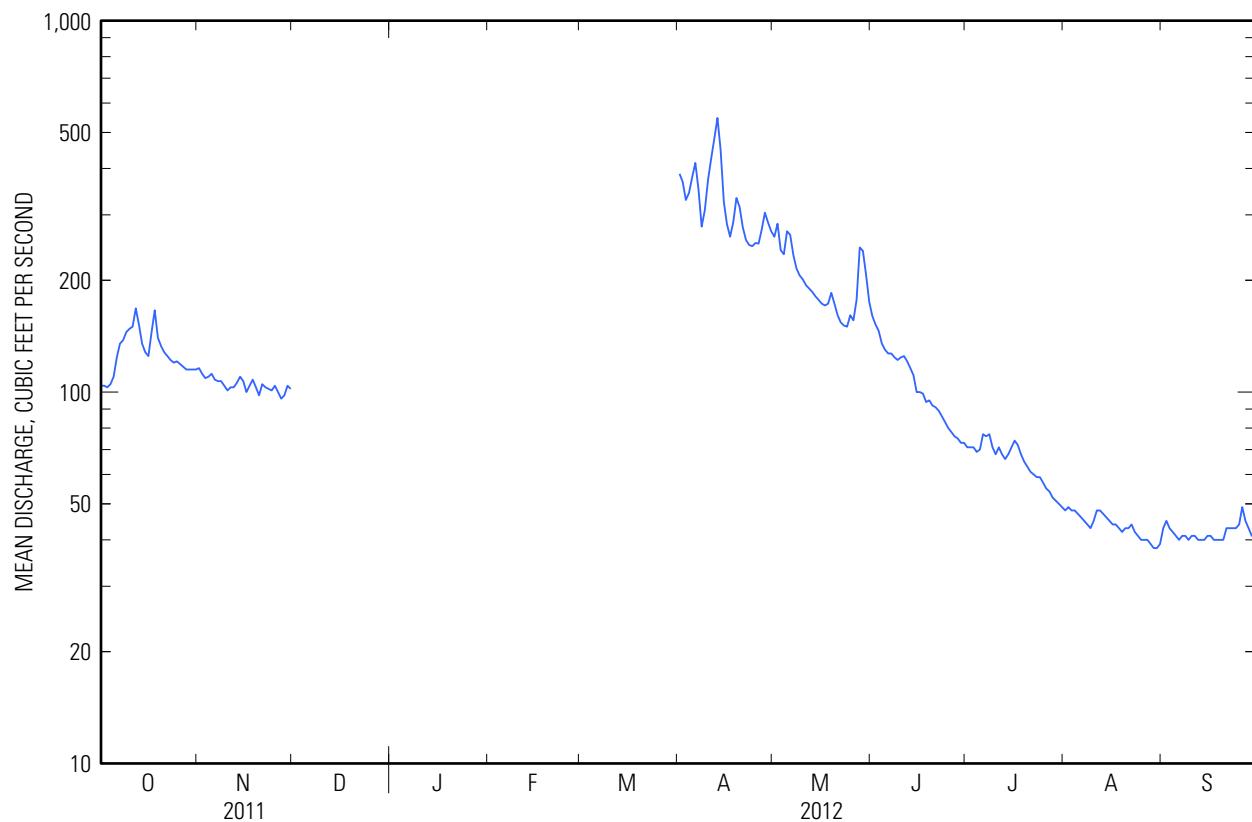
Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	104	116	---	---	---	---	387	262	160	71	48	43
2	104	112	---	---	---	---	368	284	152	71	49	45
3	103	109	---	---	---	---	329	241	146	71	48	43
4	105	110	---	---	---	---	344	235	135	69	48	42
5	110	112	---	---	---	---	379	271	130	70	47	41
6	124	108	---	---	---	---	414	265	127	77	46	40
7	135	e107	---	---	---	---	351	234	127	76	45	41
8	138	e107	---	---	---	---	279	215	124	77	44	41
9	145	e104	---	---	---	---	309	206	122	71	43	40
10	148	e101	---	---	---	---	372	201	124	68	45	41
11	150	e103	---	---	---	---	425	194	125	71	48	41
12	168	e103	---	---	---	---	481	190	121	68	48	40
13	152	e106	---	---	---	---	547	186	116	66	47	40
14	135	e110	---	---	---	---	448	181	111	68	46	40
15	128	e107	---	---	---	---	326	177	100	71	45	41
16	125	e100	---	---	---	---	283	173	100	74	44	41
17	145	e104	---	---	---	---	262	171	99	72	44	40
18	166	e108	---	---	---	---	287	173	94	68	43	40
19	140	e103	---	---	---	---	333	185	95	65	42	40
20	133	e98	---	---	---	---	315	173	92	63	43	40
21	128	e105	---	---	---	---	278	161	91	61	43	43
22	125	e103	---	---	---	---	257	154	89	60	44	43
23	122	e102	---	---	---	---	249	151	86	59	42	43
24	120	e101	---	---	---	---	247	150	83	59	41	43
25	121	e104	---	---	---	---	252	161	80	57	40	44
26	119	e100	---	---	---	---	251	156	78	55	40	49
27	117	e96	---	---	---	---	274	177	76	54	40	45
28	115	e98	---	---	---	---	304	245	75	52	39	43
29	115	e104	---	---	---	---	286	240	73	51	38	41
30	115	e102	---	---	---	---	271	207	73	50	38	41
31	115	---	---	---	---	---	175	---	49	39	---	
Total	3,970	3,143	---	---	---	---	9,908	6,194	3,204	2,014	1,357	1,255
Mean	128	105	---	---	---	---	330	200	107	65.0	43.8	41.8
Max	168	116	---	---	---	---	547	284	160	77	49	49
Min	103	96	---	---	---	---	247	150	73	49	38	40
Ac-ft	7,870	6,230	---	---	---	---	19,650	12,290	6,360	3,990	2,690	2,490

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1914 - 2012, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	83.2	78.6	63.0	53.8	56.2	81.8	304	514	284	125	84.2	74.8
Max	140	129	99.5	80.2	95.6	207	703	1,057	667	303	166	134
(WY)	(1972)	(1972)	(1972)	(1973)	(1972)	(1972)	(1914)	(1976)	(2011)	(2011)	(2011)	(1982)
Min	27.1	23.9	18.2	23.6	21.5	51.8	97.9	73.6	45.3	23.8	11.3	19.7
(WY)	(2002)	(2003)	(2003)	(2003)	(2003)	(1970)	(1975)	(2001)	(2001)	(2001)	(2001)	(2001)

13063000 BLACKFOOT RIVER ABOVE RESERVOIR NEAR HENRY, ID—Continued**SUMMARY STATISTICS**

Water Years 1914 - 2012		
Annual mean	150	
Highest annual mean	273	1972
Lowest annual mean	57.4	2003
Highest daily mean	2,060	May 16, 1917
Lowest daily mean	5.0	Aug 14, 2001
Annual seven-day minimum	7.8	Aug 10, 2001
Annual runoff (ac-ft)	108,800	
10 percent exceeds	361	
50 percent exceeds	82	
90 percent exceeds	36	



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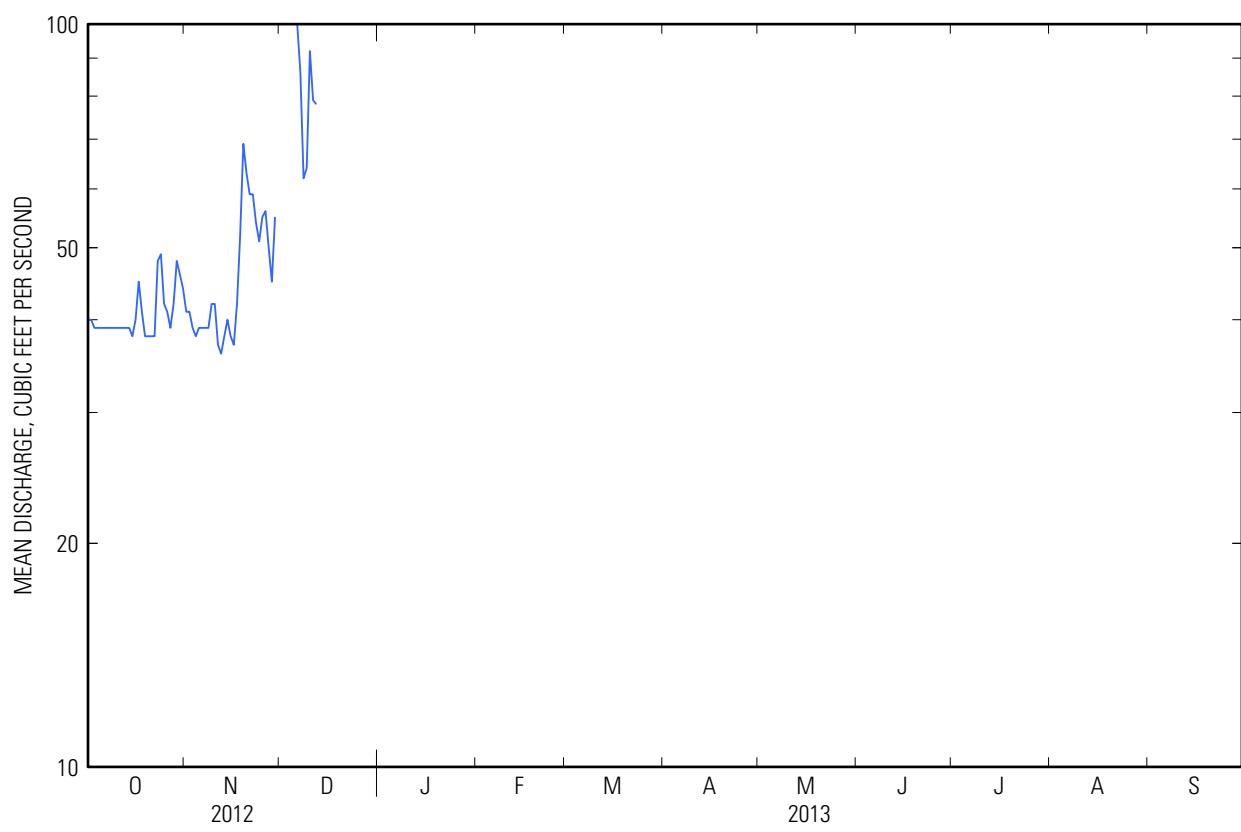
13063000 BLACKFOOT RIVER ABOVE RESERVOIR NEAR HENRY, ID—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
DAILY MEAN VALUES

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	40	41	---	---	---	---	---	---	---	---	---	---
2	40	41	---	---	---	---	---	---	---	---	---	---
3	39	39	---	---	---	---	---	---	---	---	---	---
4	39	38	---	---	---	---	---	---	---	---	---	---
5	39	39	---	---	---	---	---	---	---	---	---	---
6	39	39	---	---	---	---	---	---	---	---	---	---
7	39	39	---	---	---	---	---	---	---	---	---	---
8	39	39	---	---	---	---	---	---	---	---	---	---
9	39	42	---	---	---	---	---	---	---	---	---	---
10	39	42	---	---	---	---	---	---	---	---	---	---
11	39	e37	---	---	---	---	---	---	---	---	---	---
12	39	e36	---	---	---	---	---	---	---	---	---	---
13	39	e38	---	---	---	---	---	---	---	---	---	---
14	39	e40	---	---	---	---	---	---	---	---	---	---
15	38	e38	---	---	---	---	---	---	---	---	---	---
16	40	e37	---	---	---	---	---	---	---	---	---	---
17	45	e42	---	---	---	---	---	---	---	---	---	---
18	41	52	---	---	---	---	---	---	---	---	---	---
19	38	69	---	---	---	---	---	---	---	---	---	---
20	38	63	---	---	---	---	---	---	---	---	---	---
21	38	59	---	---	---	---	---	---	---	---	---	---
22	38	59	---	---	---	---	---	---	---	---	---	---
23	48	54	---	---	---	---	---	---	---	---	---	---
24	49	51	---	---	---	---	---	---	---	---	---	---
25	42	55	---	---	---	---	---	---	---	---	---	---
26	41	56	---	---	---	---	---	---	---	---	---	---
27	39	50	---	---	---	---	---	---	---	---	---	---
28	42	45	---	---	---	---	---	---	---	---	---	---
29	48	55	---	---	---	---	---	---	---	---	---	---
30	46	53	---	---	---	---	---	---	---	---	---	---
31	44	---	---	---	---	---	---	---	---	---	---	---
Total	1,263	1,388	---	---	---	---	---	---	---	---	---	---
Mean	40.7	46.3	---	---	---	---	---	---	---	---	---	---
Max	49	69	---	---	---	---	---	---	---	---	---	---
Min	38	36	---	---	---	---	---	---	---	---	---	---
Ac-ft	2,510	2,760	---	---	---	---	---	---	---	---	---	---

13063000 BLACKFOOT RIVER ABOVE RESERVOIR NEAR HENRY, ID—Continued



13063000 BLACKFOOT RIVER ABOVE RESERVOIR NEAR HENRY, ID—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--April 2001 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: May to October 2007.

13063000 BLACKFOOT RIVER ABOVE RESERVOIR NEAR HENRY, ID—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Part 1 of 8

[CaCO₃, calcium carbonate; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius;
 µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than]

Date	Sample start time	Barometric pressure, mm Hg (00025)	Temperature, air, °C (00020)	Discharge, instantaneous, ft ³ /s (00061)	Dissolved oxygen, water, unfiltered, mg/L (00300)	pH, water, unfiltered, field, standard units (00400)	Specific conductance, water, unfiltered, µS/cm at 25°C (00095)		Temperature, water, °C (00010)	Sample purpose (71999)
							water, unfiltered, µS/cm at 25°C (00095)	temperature, water, °C (00010)		
10-01-2011	1333	--	--	105	--	--	348	--	Routine	
10-11-2011	0113	--	--	149	--	--	385	--	Routine	
03-21-2012	1416	--	--	309	--	--	389	--	Routine	
03-31-2012	0045	--	--	341	--	--	--	--	Routine	
03-31-2012	2114	--	--	341	--	--	346	--	Routine	
04-03-2012	1653	--	--	--	--	--	376	--	Routine	
04-05-2012	2052	--	--	--	--	--	--	--	Routine	
04-06-2012	1216	--	--	--	--	--	420	--	Routine	
04-08-2012	1803	--	--	--	--	--	348	--	Routine	
04-11-2012	1543	--	--	--	--	--	307	--	Routine	
04-13-2012	0852	--	--	--	--	--	--	--	Routine	
04-13-2012	2109	--	--	--	--	--	278	--	Routine	
04-14-2012	1010	--	--	--	--	--	--	--	Routine	
04-15-2012	2032	--	--	--	--	--	345	--	Routine	
04-17-2012	1245	644	--	--	9.9	7.2	319	6.5	Routine	
04-17-2012	1255	644	--	--	9.9	7.2	319	6.5	Routine	
04-17-2012	1315	644	--	--	9.9	7.2	319	6.5	Routine	
04-17-2012	1453	--	--	--	--	--	319	--	Routine	
04-19-2012	0736	--	--	--	--	--	--	--	Routine	
04-21-2012	1702	--	--	--	--	--	385	--	Routine	
04-25-2012	1114	--	--	--	--	--	--	--	Routine	
05-07-2012	1033	--	--	--	--	--	361	--	Routine	
05-09-2012	0323	--	--	--	--	--	--	--	Routine	
05-16-2012	0135	--	--	--	--	--	368	--	Routine	
05-23-2012	2008	--	--	--	--	--	369	--	Routine	
05-28-2012	2045	--	--	--	--	--	357	--	Routine	
05-29-2012	0952	--	--	--	--	--	--	--	Routine	
06-01-2012	0133	--	--	--	--	--	378	--	Routine	
06-07-2012	0935	--	--	--	--	--	375	--	Routine	
06-15-2012	1128	--	--	--	--	--	370	--	Routine	
06-22-2012	0940	--	--	--	--	--	357	--	Routine	
06-30-2012	0118	--	--	--	--	--	322	--	Routine	
07-10-2012	0930	--	--	--	--	--	298	--	Routine	
07-12-2012	0940	--	--	--	--	--	298	--	Routine	
07-15-2012	1122	--	--	--	--	--	307	--	Routine	
07-24-2012	1110	612	22.0	--	8.3	7.8	285	20.9	Routine	
07-24-2012	1115	612	--	--	8.3	7.8	285	20.9	Routine	
08-02-2012	1024	--	--	--	--	--	273	--	Routine	
08-02-2012	1028	--	--	--	--	--	273	--	Routine	
08-13-2012	1005	--	--	--	--	--	277	--	Routine	

13063000 BLACKFOOT RIVER ABOVE RESERVOIR NEAR HENRY, ID—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Part 2 of 8

[CaCO₃, calcium carbonate; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius;
 µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than]

Date	Sample start time	Sampler type (84164)	Sampling method (82398)	Hardness, water, mg/L as CaCO ₃ (00900)	Calcium, water, filtered, mg/L (00915)	Magne- sium, water, filtered, mg/L (00925)	Potassium, water, filtered, mg/L (00935)	Sodium, water, filtered, mg/L (00930)
10-01-2011	1333	Sampler point auto	Point sample	180	48.8	14.2	--	--
10-11-2011	0113	Sampler point auto	Point sample	201	57.0	14.2	1.25	4.99
03-21-2012	1416	Sampler point auto	Point sample	202	58.6	13.4	--	--
03-31-2012	0045	Sampler point auto	Point sample	--	--	--	--	--
03-31-2012	2114	Sampler point auto	Point sample	175	51.9	11.1	2.03	7.36
04-03-2012	1653	Sampler point auto	Point sample	195	59.8	11.1	--	--
04-05-2012	2052	Sampler point auto	Point sample	--	--	--	--	--
04-06-2012	1216	Sampler point auto	Point sample	147	44.1	9.01	--	--
04-08-2012	1803	Sampler point auto	Point sample	178	54.3	10.4	1.54	5.39
04-11-2012	1543	Sampler point auto	Point sample	149	46.0	8.31	--	--
04-13-2012	0852	Sampler point auto	Point sample	--	--	--	--	--
04-13-2012	2109	Sampler point auto	Point sample	139	42.9	7.70	1.69	3.98
04-14-2012	1010	Sampler point auto	Point sample	--	--	--	--	--
04-15-2012	2032	Sampler point auto	Point sample	171	52.4	9.74	--	--
04-17-2012	1245	Sampler point auto	Point sample	180	55.3	10.1	--	--
04-17-2012	1255	Open-Mouth Bottle	Grab sample(dip)	173	52.8	10.0	--	--
04-17-2012	1315	US DH-95 plastic	EWI	176	53.4	10.3	.97	4.34
04-17-2012	1453	Sampler point auto	Point sample	--	--	--	--	--
04-19-2012	0736	Sampler point auto	Point sample	--	--	--	--	--
04-21-2012	1702	Sampler point auto	Point sample	193	59.4	11.0	--	--
04-25-2012	1114	Sampler point auto	Point sample	--	--	--	--	--
05-07-2012	1033	Sampler point auto	Point sample	195	58.8	11.6	.70	4.39
05-09-2012	0323	Sampler point auto	Point sample	--	--	--	--	--
05-16-2012	0135	Sampler point auto	Point sample	202	60.9	12.0	--	--
05-23-2012	2008	Sampler point auto	Point sample	197	58.4	12.4	--	--
05-28-2012	2045	Sampler point auto	Point sample	188	56.8	11.2	--	--
05-29-2012	0952	Sampler point auto	Point sample	--	--	--	--	--
06-01-2012	0133	Sampler point auto	Point sample	203	60.7	12.5	--	--
06-07-2012	0935	Sampler point auto	Point sample	204	59.6	13.4	--	--
06-15-2012	1128	Sampler point auto	Point sample	200	57.8	13.6	.66	4.49
06-22-2012	0940	Sampler point auto	Point sample	188	52.8	13.7	--	--
06-30-2012	0118	Sampler point auto	Point sample	171	45.1	14.2	--	--
07-10-2012	0930	Sampler point auto	Point sample	154	39.1	13.8	.71	4.20
07-12-2012	0940	Open-Mouth Bottle	Grab sample(dip)	152	38.5	13.5	--	--
07-15-2012	1122	Sampler point auto	Point sample	165	42.0	14.5	--	--
07-24-2012	1110	Open-Mouth Bottle	Grab sample(dip)	156	38.1	14.8	--	--
07-24-2012	1115	Open-Mouth Bottle	Grab sample(dip)	--	--	--	--	--
08-02-2012	1024	Sampler point auto	Point sample	141	32.3	14.6	.42	4.45
08-02-2012	1028	Sampler point auto	Point sample	--	--	--	--	--
08-13-2012	1005	Sampler point auto	Point sample	140	32.6	14.2	--	--

13063000 BLACKFOOT RIVER ABOVE RESERVOIR NEAR HENRY, ID—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Part 3 of 8

[CaCO₃, calcium carbonate; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than]

Date	Sample start time	Alkalinity, water, filtered, fixed endpoint (pH 4.5) titration, laboratory, mg/L as CaCO ₃ (29801)		Chloride, water, filtered,	Sulfate, water, filtered,	Cadmium, water, filtered,	Chromium, water, filtered,	Copper, water, filtered,	Manga- nese, water, filtered,	Nickel, water, filtered,	Vanadium, water, filtered,
				mg/L (00940)	mg/L (00945)	µg/L (01025)	µg/L (01030)	µg/L (01040)	µg/L (01056)	µg/L (01065)	µg/L (01085)
10-01-2011	1333	--	--	12.6	<.016	--	--	--	--	--	--
10-11-2011	0113	190	4.20	13.7	<.016	--	--	--	--	--	--
03-21-2012	1416	--	--	8.45	<.016	--	--	--	.63	--	--
03-31-2012	0045	--	--	--	--	--	--	--	--	--	--
03-31-2012	2114	166	3.51	12.4	.023	--	--	--	13.7	--	--
04-03-2012	1653	--	--	16.3	.021	--	--	--	3.38	--	--
04-05-2012	2052	--	--	--	--	--	--	--	--	--	--
04-06-2012	1216	--	--	13.1	.026	--	--	--	5.75	--	--
04-08-2012	1803	171	3.24	12.9	<.016	--	--	--	3.35	--	--
04-11-2012	1543	--	--	10.1	.019	--	--	--	.77	--	--
04-13-2012	0852	--	--	--	--	--	--	--	--	--	--
04-13-2012	2109	130	2.80	9.62	<.016	--	--	--	.55	--	--
04-14-2012	1010	--	--	--	--	--	--	--	--	--	--
04-15-2012	2032	--	--	11.8	.018	--	--	--	.73	--	--
04-17-2012	1245	--	--	11.8	<.016	--	--	--	.66	--	--
04-17-2012	1255	--	--	11.6	<.016	--	--	--	.62	--	--
04-17-2012	1315	165	3.11	10.9	<.016	.10	1.2	.66	.92	.96	
04-17-2012	1453	--	--	--	--	--	--	--	--	--	--
04-19-2012	0736	--	--	--	--	--	--	--	--	--	--
04-21-2012	1702	--	--	12.2	2.29	--	--	--	5.76	--	--
04-25-2012	1114	--	--	--	--	--	--	--	--	--	--
05-07-2012	1033	184	2.59	10.1	<.016	--	--	--	.49	--	--
05-09-2012	0323	--	--	--	--	--	--	--	--	--	--
05-16-2012	0135	--	--	9.83	<.016	--	--	--	.14	--	--
05-23-2012	2008	--	--	10.1	<.016	--	--	--	.33	--	--
05-28-2012	2045	--	--	10.3	<.016	--	--	--	1.40	--	--
05-29-2012	0952	--	--	--	--	--	--	--	--	--	--
06-01-2012	0133	--	--	10.2	<.016	--	--	--	.38	--	--
06-07-2012	0935	--	--	10.7	<.016	--	--	--	1.14	--	--
06-15-2012	1128	190	2.45	11.0	<.016	--	--	--	.28	--	--
06-22-2012	0940	--	--	11.0	<.016	--	--	--	.33	--	--
06-30-2012	0118	--	--	11.4	<.016	--	--	--	.18	--	--
07-10-2012	0930	147	2.35	11.2	<.016	--	--	--	1.64	--	--
07-12-2012	0940	--	--	11.2	<.016	--	--	--	5.29	--	--
07-15-2012	1122	--	--	11.5	<.016	--	--	--	.20	--	--
07-24-2012	1110	--	--	11.1	<.016	--	--	--	1.26	--	--
07-24-2012	1115	--	--	--	--	--	--	--	--	--	--
08-02-2012	1024	133	2.45	11.2	<.016	--	--	--	10.2	--	--
08-02-2012	1028	--	--	--	--	--	--	--	--	--	--
08-13-2012	1005	--	--	11.5	<.016	--	--	--	.29	--	--

13063000 BLACKFOOT RIVER ABOVE RESERVOIR NEAR HENRY, ID—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Part 4 of 8

[CaCO₃, calcium carbonate; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than]

Date	Sample start time	Zinc, water, filtered, µg/L (01090)	Arsenic, water, filtered, µg/L (01000)	Selenium, water, filtered, µg/L (01145)
10-01-2011	1333	--	--	2.5
10-11-2011	0113	--	--	2.2
03-21-2012	1416	--	--	2.1
03-31-2012	0045	--	--	--
03-31-2012	2114	--	--	1.3
04-03-2012	1653	--	--	2.1
04-05-2012	2052	--	--	--
04-06-2012	1216	--	--	2.8
04-08-2012	1803	--	--	3.4
04-11-2012	1543	--	--	2.4
04-13-2012	0852	--	--	--
04-13-2012	2109	--	--	2.6
04-14-2012	1010	--	--	--
04-15-2012	2032	--	--	2.7
04-17-2012	1245	--	--	2.6
04-17-2012	1255	--	--	3.8
04-17-2012	1315	2.8	.58	3.7
04-17-2012	1453	--	--	--
04-19-2012	0736	--	--	--
04-21-2012	1702	--	--	2.1
04-25-2012	1114	--	--	--
05-07-2012	1033	--	--	4.1
05-09-2012	0323	--	--	--
05-16-2012	0135	--	--	3.7
05-23-2012	2008	--	--	3.5
05-28-2012	2045	--	--	2.3
05-29-2012	0952	--	--	--
06-01-2012	0133	--	--	2.9
06-07-2012	0935	--	--	3.1
06-15-2012	1128	--	--	2.9
06-22-2012	0940	--	--	2.9
06-30-2012	0118	--	--	3.1
07-10-2012	0930	--	--	2.6
07-12-2012	0940	--	--	2.6
07-15-2012	1122	--	--	2.2
07-24-2012	1110	--	--	2.4
07-24-2012	1115	--	--	--
08-02-2012	1024	--	--	2.3
08-02-2012	1028	--	--	--
08-13-2012	1005	--	--	1.9

13063000 BLACKFOOT RIVER ABOVE RESERVOIR NEAR HENRY, ID—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

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[CaCO₃, calcium carbonate; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than]

Date	Sample start time	Barometric pressure, mm Hg (00025)	Temperature, air, °C (00020)	Discharge, instantaneous, ft ³ /s (00061)	Dissolved oxygen, water, unfiltered, mg/L (00300)	pH, water, unfiltered, field, standard units (00400)	Specific conductance, water, unfiltered, µS/cm at 25°C (00095)	Temperature, water, °C (00010)	Sample purpose (71999)
									conductance, water, unfiltered, µS/cm at 25°C (00095)
08-24-2012	1110	--	--	--	--	--	288	--	Routine
09-05-2012	1020	--	--	--	--	--	302	--	Routine
09-20-2012	1031	610	--	--	9.4	7.5	310	10.7	Routine
09-20-2012	1032	610	--	--	9.4	7.5	310	10.7	Routine
09-20-2012	1036	610	--	--	9.4	7.5	310	10.7	Routine
09-20-2012	1101	610	--	--	9.4	7.5	310	10.7	Routine

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[CaCO₃, calcium carbonate; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than]

Date	Sample start time	Sampler type (84164)	Sampling method (82398)	Hardness, water, mg/L as CaCO ₃ (00900)	Calcium, water, filtered, mg/L (00915)	Magnesium, water, filtered, mg/L (00925)	Potassium, water, filtered, mg/L (00935)	Sodium, water, filtered, mg/L (00930)
08-24-2012	1110	Sampler point auto	Point sample	147	34.7	14.7	--	--
09-05-2012	1020	Sampler point auto	Point sample	156	38.2	14.8	1.02	4.38
09-20-2012	1031	Sampler point auto	Point sample	172	43.5	15.3	--	--
09-20-2012	1032	Sampler point auto	Point sample	--	--	--	--	--
09-20-2012	1036	Open-Mouth Bottle	Grab sample(dip)	170	43.2	15.0	--	--
09-20-2012	1101	US DH-81	EWI	172	43.7	15.2	.85	4.61

13063000 BLACKFOOT RIVER ABOVE RESERVOIR NEAR HENRY, ID—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

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[CaCO₃, calcium carbonate; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than]

Date	Sample start time	Alkalinity, water, filtered, fixed endpoint (pH 4.5) titration, laboratory, mg/L as CaCO ₃ (29801)		Chloride, water, filtered,	Sulfate, water, filtered,	Cadmium, water, filtered,	Chromium, water, filtered,	Copper, water, filtered,	Manga- nese, water, filtered,	Nickel, water, filtered,	Vanadium, water, filtered,				
		mg/L	(00940)	mg/L	(00945)	µg/L	(01025)	µg/L	(01030)	µg/L	(01040)	µg/L	(01056)	µg/L	(01065)
08-24-2012	1110	--	--	12.1	<.016	--	--	--	1.80	--	--	--	--	--	--
09-05-2012	1020	148	2.62	12.4	<.016	--	--	--	6.26	--	--	--	--	--	--
09-20-2012	1031	--	--	12.7	.061	--	--	--	11.5	--	--	--	--	--	--
09-20-2012	1032	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09-20-2012	1036	--	--	12.6	.028	--	--	--	12.0	--	--	--	--	--	--
09-20-2012	1101	161	2.57	12.7	.041	.12	<.80	12.3	.44	.44	.44	.44	.44	.44	.85

WATER-QUALITY DATA
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[CaCO₃, calcium carbonate; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than]

Date	Sample start time	Zinc, water, filtered, µg/L (01090)			Arsenic, water, filtered, µg/L (01000)		Selenium, water, filtered, µg/L (01145)	
		µg/L (01090)	µg/L (01000)	µg/L (01145)	µg/L (01000)	µg/L (01145)	µg/L (01000)	µg/L (01145)
08-24-2012	1110	--	--	1.7	--	--	--	--
09-05-2012	1020	--	--	2.2	--	--	--	--
09-20-2012	1031	--	--	2.7	--	--	--	--
09-20-2012	1032	--	--	--	--	--	--	--
09-20-2012	1036	--	--	2.6	--	--	--	--
09-20-2012	1101	<1.4	.49	2.6	.49	.49	.49	.49