12433020 MIDDLE FORK CHAMOKANE CREEK NEAR SPRINGDALE, WA

Spokane Basin
Lower Spokane Subbasin

LOCATION.--Lat 48°01′54″, long 117°55′33″ referenced to North American Datum of 1927, in NW ¼ NW ¼ sec.8, T.29 N., R.39 E., Stevens County, WA, Hydrologic Unit 17010307, at Allen Rd, 2.5 mi upstream from confluence with South Fork Chamokane Creek, and 8.8 mi west of Springdale.

DRAINAGE AREA.--Not determined.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--current year (discharge measurement only).

REMARKS.--This site was measured as part of a 2007 Chamokane Creek Seepage Investigation. See next page for the complete seepage report.

DISCHARGE MEASUREMENTS
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Date	Discharge, in ft^3/s
Sep 18, 2007	0

SPOKANE RIVER BASIN
Chamokane Creek Seepage Investigations

A series of discharge measurements were made September 18 - October 11, 2007, on Chamokane Creek and some of its tributaries to study gains and losses. The reach covered 30.7 miles. Two additional discharge measurements, made just outside of the Chamokane Creek drainage, are included in this table. These two sites, Sams Creek near Ford and Unnamed Springs outflow near Sams Creek Tributary near Ford, are both tributary to Little Chamokane Creek.

[River Mile, as measured from the confluence of the Spokane River and Lake Roosevelt; ft3/s, cubic foot per second; °C, degrees Celsius; --, no data]

River Mile	Stream and Location	Measured Discharge (ft 3/s)	Date	Gain or Loss	Water temperature (°C)
62.3	Middle Fork Chamokane Creek near Springdale (12433020)	0	09/18/2007	--	--
62.5	South Fork Chamokane Creek near Springdale (12433030)	0	09/18/2007	--	--
59.1	Chamokane Creek below Forks near Springdale (12433035)	0	09/18/2007	--	--
59.4	Unnamed Tributary at Rose Hill Road near Springdale (12433040)	0	09/18/2007	--	--
58.9	Unnamed Tributary at Springdale-Hunters Hwy near Springdale, (12433043)	0	09/18/2007	--	--
59.7	Unnamed Tributary at Bowler Road near Springdale, (12433048)	0	09/20/2007	--	--
56.7	Chamokane Creek at West Lyons Hill Road near Springdale (12433055)	0	09/20/2007	--	--
58.6	Unnamed Tributary Site 1 off Mickelson Road near Springdale (12433060)	0	10/05/2007	--	--
58.4	Unnamed Tributary Site 2 off Mickelson Road near Springdale (12433062)	0.02	10/05/2007	--	7.7
58.0	Unnamed Tributary above Drum Road near Springdale (12433067)	0.18	10/11/2007	--	7.5
53.6	Chamokane Creek at East Lyons Hill Road near Springdale (12433070)	0.01	09/19/2007	-0.19(b)	7.6
51.4	Chamokane Creek above Swamp Creek near Springdale (12433075)	1.02	09/19/2007	+1.01	11.5
53.8	Swamp Creek at Cemetery Road near Springdale (12433078)	0.84	09/19/2007	--	10.4
53.4	Swamp Creek off Canfield Road near Springdale (12433085)	1.09	09/25/2007	--	11.5
52.3	Unnamed Tributary off Hidden Road near Springdale (12433090)	0.09	09/20/2007	--	6.2
51.8	Unnamed Tributary at Hidden Road near Springdale (12433094)	0	09/19/2007	--	--
49.2	Unnamed Tributary at Fortymile Canyon Road near Springdale (12433105)	0	09/25/2007	--	--
49.9	Unnamed Tributary at Fortymile Canyon near Springdale (12433110)	0	09/25/2007	--	--
46.0	Unnamed Tributary off Reservation Road near Ford (12433135)	0.06	09/21/2007	--	8.4
45.1	Rail Creek below Bartlett Creek near Ford (12433145)	0.18	09/25/2007	--	8.7
44.2	Thomas Creek near Ford (12433155)	0.32	09/27/2007	--	9.7
41.6	Negro Creek near Ford (12433170)	0.04	09/27/2007	--	10.3
39.4	Chamokane Creek at Ford-Wellpinit Road near Ford (12433175)	1.26	09/20/2007	-1.54(b)	10.3
40.1	Moses Creek near Ford (12433180)	0.03	09/27/2007	--	10.6
37.8	Galbraith Springs outflow near Ford (12433187)	4.18	10/11/2007	--	11.5
37.8	Tribal hatchery outflow near Ford (12433190)	7.76	10/11/2007	--	11.3
38.4	Sams Creek near Ford (a) (12433250)	0.04	09/21/2007	--	10.6
38.3	Unnamed Springs outflow near Sams Creek Tributary near Ford (a) (12433255)	0.0006	09/21/2007	--	16.9

RM 31.8 - Confluence of Little Chamokane Creek and Spokane River
RM 32.5 - Confluence of Chamokane Creek and Spokane River

(a) Sites tributary to Little Chamokane Creek

(b) Value may not be representative of actual gain or loss along the main stem of Chamokane Creek because discharge from tributary streams was measured closer to the headwaters of the tributaries than to their confluence with Chamokane Creek.