

Flathead River Streamflows near Polson USGS Gage #12372000 Compared to CSKT Compact

June 2023

CSKT Compact Daily Flow Requirements as specified in Appendix 12 Abstract # 76LJ 30052827													USGS Provisional Data - Discharge CFS (Mean)				Excess (Shortfall)
Date	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Gage	Date	CFS		
1	3,200	3,200	3,200	3,620	10,702	12,700	7,252	3,200	3,200	3,200	3,200	3,200	USGS	12372000	6/1/2023	13,500	800
2	3,200	3,200	3,200	3,620	10,702	12,700	7,252	3,200	3,200	3,200	3,200	3,200	USGS	12372000	6/2/2023	13,500	800
3	3,200	3,200	3,200	3,620	10,702	12,700	7,252	3,200	3,200	3,200	3,200	3,200	USGS	12372000	6/3/2023	12,700	0
4	3,200	3,200	3,200	3,620	10,702	12,700	7,252	3,200	3,200	3,200	3,200	3,200	USGS	12372000	6/4/2023	12,700	0
5	3,200	3,200	3,200	3,620	10,702	12,700	7,252	3,200	3,200	3,200	3,200	3,200	USGS	12372000	6/5/2023	12,700	0
6	3,200	3,200	3,200	3,620	10,702	12,700	7,252	3,200	3,200	3,200	3,200	3,200	USGS	12372000	6/6/2023	12,700	0
7	3,200	3,200	3,200	3,620	10,702	12,700	7,252	3,200	3,200	3,200	3,200	3,200	USGS	12372000	6/7/2023	12,700	0
8	3,200	3,200	3,200	3,620	10,702	12,700	7,252	3,200	3,200	3,200	3,200	3,200	USGS	12372000	6/8/2023	12,800	100
9	3,200	3,200	3,200	3,620	10,702	12,700	7,252	3,200	3,200	3,200	3,200	3,200	USGS	12372000	6/9/2023	12,700	0
10	3,200	3,200	3,200	3,620	10,702	12,700	7,252	3,200	3,200	3,200	3,200	3,200	USGS	12372000	6/10/2023	12,700	0
11	3,200	3,200	3,200	3,620	10,702	12,700	7,252	3,200	3,200	3,200	3,200	3,200	USGS	12372000	6/11/2023	12,700	0
12	3,200	3,200	3,200	3,620	10,702	12,700	7,252	3,200	3,200	3,200	3,200	3,200	USGS	12372000	6/12/2023	12,800	100
13	3,200	3,200	3,200	3,620	10,702	12,700	7,252	3,200	3,200	3,200	3,200	3,200	USGS	12372000	6/13/2023	12,700	0
14	3,200	3,200	3,200	3,620	10,702	12,700	7,252	3,200	3,200	3,200	3,200	3,200	USGS	12372000	6/14/2023	12,800	100
15	3,200	3,200	3,200	3,620	10,702	12,700	7,252	3,200	3,200	3,200	3,200	3,200	USGS	12372000	6/15/2023	12,700	0
16	3,200	3,200	3,200	3,620	10,702	12,700	7,252	3,200	3,200	3,200	3,200	3,200	USGS	12372000	6/16/2023	12,800	100
17	3,200	3,200	3,200	3,620	10,702	12,700	7,252	3,200	3,200	3,200	3,200	3,200	USGS	12372000	6/17/2023	12,700	0
18	3,200	3,200	3,200	3,620	10,702	12,700	7,252	3,200	3,200	3,200	3,200	3,200	USGS	12372000	6/18/2023	12,700	0
19	3,200	3,200	3,200	3,620	10,702	12,700	7,252	3,200	3,200	3,200	3,200	3,200	USGS	12372000	6/19/2023	12,700	0
20	3,200	3,200	3,200	3,620	10,702	12,700	7,252	3,200	3,200	3,200	3,200	3,200	USGS	12372000	6/20/2023	12,800	100
21	3,200	3,200	3,200	3,620	10,702	12,700	7,252	3,200	3,200	3,200	3,200	3,200	USGS	12372000	6/21/2023	12,700	0
22	3,200	3,200	3,200	3,620	10,702	12,700	7,252	3,200	3,200	3,200	3,200	3,200	USGS	12372000	6/22/2023	12,600	-100
23	3,200	3,200	3,200	3,620	10,702	12,700	7,252	3,200	3,200	3,200	3,200	3,200	USGS	12372000	6/23/2023	12,600	-100
24	3,200	3,200	3,200	3,620	10,702	12,700	7,252	3,200	3,200	3,200	3,200	3,200	USGS	12372000	6/24/2023	12,700	0
25	3,200	3,200	3,200	3,620	10,702	12,700	7,252	3,200	3,200	3,200	3,200	3,200	USGS	12372000	6/25/2023	12,800	100
26	3,200	3,200	3,200	3,620	10,702	12,700	7,252	3,200	3,200	3,200	3,200	3,200					
27	3,200	3,200	3,200	3,620	10,702	12,700	7,252	3,200	3,200	3,200	3,200	3,200					
28	3,200	3,200	3,200	3,620	10,702	12,700	7,252	3,200	3,200	3,200	3,200	3,200					
29	3,200	3,200	3,200	3,620	10,702	12,700	7,252	3,200	3,200	3,200	3,200	3,200					
30	3,200	3,200	3,200	3,620	10,702	12,700	7,252	3,200	3,200	3,200	3,200	3,200					
31	3,200	3,200	3,200	3,620	10,702	12,700	7,252	3,200	3,200	3,200	3,200	3,200					

Figures are noted in Cubic Feet per Second (CFS). One cubic feet of water per second is the equivalent of 724 acre feet per year, or enough water to cover 724 acres of land with 1 foot of water for an entire year.

Data Sources:

Flathead River Appendix 12 Abstract 76LJ 30052827

USGS Statistics for Flathead River at Polson Gage #12372000 (no gage specified in Appendix 12 Water Rights Abstract)

STATE OF MONTANA
 DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

1424 9TH AVENUE P.O.BOX 201601 HELENA, MONTANA 59620-1601

GENERAL ABSTRACT

Water Right Number: 76LJ 30052827 COMPACT
Version: 1 – ORIGINAL RIGHT

Version Status:

Owners: USA (DEPT OF INTERIOR BUREAU OF INDIAN AFF)
 IN TRUST FOR CONFEDERATED SALISH & KOOTENAI TRIBES
 OF THE FLATHEAD INDIAN RESERVATION, MONTANA
 911 NE 11TH AVENUE
 PORTLAND, OR 97232-4169

ALL COMMUNICATION SHALL BE COPIED TO THE CSKT TRIBAL CHAIRMAN AS THE BENEFICIAL OWNER AT PO BOX 278, PABLO, MT 59855-0278.

Priority Date: TIME IMMEMORIAL

Purpose (use): FISH AND WILDLIFE

Maximum Flow Rate: 12,700.00 CFS

THE MEASUREMENT POINT FOR THIS WATER RIGHT SHALL BE WITHIN FLATHEAD RIVER (NESE SEC 11 T22N R21W) (LAT 47° 40' 46.85" N LONG 114° 14' 41.72" W). THE ADMINISTRATION POINT SHALL BE ADDED TO THIS WATER RIGHT UPON COMPLETION OF THE PROCESS SET FORTH IN ARTICLE III.C.1.d.iii OF THE WATER RIGHTS COMPACT.

Maximum Volume:

Source Name: FLATHEAD RIVER
Source Type: SURFACE WATER

Point of Diversion and Means of Diversion:

<u>ID</u>	<u>Govt Lot</u>	<u>Qtr Sec</u>	<u>Sec</u>	<u>Twp</u>	<u>Rge</u>	<u>County</u>	
1		NESE	11	22N	21W	LAKE	
Period of Diversion:							
	JANUARY 1 TO JANUARY 31					Flow Rate:	3,200.00 CFS
	FEBRUARY 1 TO FEBRUARY 28					Flow Rate:	3,200.00 CFS
	MARCH 1 TO MARCH 31					Flow Rate:	3,200.00 CFS
	APRIL 1 TO APRIL 30					Flow Rate:	3,620.00 CFS
	MAY 1 TO MAY 31					Flow Rate:	10,702.00 CFS
	JUNE 1 TO JUNE 30					Flow Rate:	12,700.00 CFS
	JULY 1 TO JULY 31					Flow Rate:	7,252.00 CFS
	AUGUST 1 TO AUGUST 31					Flow Rate:	3,200.00 CFS
	SEPTEMBER 1 TO SEPTEMBER 30					Flow Rate:	3,200.00 CFS
	OCTOBER 1 TO OCTOBER 31					Flow Rate:	3,200.00 CFS
	NOVEMBER 1 TO NOVEMBER 30					Flow Rate:	3,200.00 CFS
	DECEMBER 1 TO DECEMBER 31					Flow Rate:	3,200.00 CFS

Diversion Means: INSTREAM

Diversion Type: PRIMARY

THE POINT OF DIVERSION IS THE ADMINISTRATION POINT.

Period of Use: JANUARY 1 to DECEMBER 31

Place of Use:

<u>ID</u>	<u>Acres</u>	<u>Govt Lot</u>	<u>Qtr Sec</u>	<u>Sec</u>	<u>Twp</u>	<u>Rge</u>	<u>County</u>
1				2	20N	22W	LAKE
2				2	20N	22W	SANDERS
3				11	20N	22W	LAKE
4				11	20N	22W	SANDERS
5				13	20N	22W	LAKE
6				13	20N	22W	SANDERS
7				14	20N	22W	LAKE
8				14	20N	22W	SANDERS
9				15	20N	22W	LAKE
10				15	20N	22W	SANDERS
11				22	20N	22W	LAKE
12				22	20N	22W	SANDERS
13				23	20N	22W	LAKE
14				23	20N	22W	SANDERS
15				6	21N	21W	LAKE
16				7	21N	21W	LAKE

Place of Use:

<u>ID</u>	<u>Acres</u>	<u>Govt Lot</u>	<u>Qtr</u>	<u>Sec</u>	<u>Twp</u>	<u>Rge</u>	<u>County</u>
17				7	21N	21W	SANDERS
18				8	21N	21W	LAKE
19				8	21N	21W	SANDERS
20				18	21N	21W	LAKE
21				18	21N	21W	SANDERS
22				19	21N	21W	LAKE
23				19	21N	21W	SANDERS
24				30	21N	21W	LAKE
25				30	21N	21W	SANDERS
26				1	21N	22W	LAKE
27				12	21N	22W	LAKE
28				12	21N	22W	SANDERS
29				25	21N	22W	LAKE
30				25	21N	22W	SANDERS
31				36	21N	22W	LAKE
32				36	21N	22W	SANDERS
33				10	22N	21W	LAKE
34				11	22N	21W	LAKE
35				15	22N	21W	LAKE
36				19	22N	21W	LAKE
37				20	22N	21W	LAKE
38				21	22N	21W	LAKE
39				22	22N	21W	LAKE
40				24	22N	22W	LAKE
41				25	22N	22W	LAKE
42				36	22N	22W	LAKE

Remarks:

THE MAP DATA SOURCE FOR PLACE OF USE AND POINT OF DIVERSION FOR THIS WATER RIGHT ARE CONTAINED IN A GIS DATABASE FILE ENTITLED "CSKT-MT WATER RIGHTS COMPACT." THIS FILE MAY BE DOWNLOADED FROM THE MONTANA STATE LIBRARY (NRIS.MT.GOV) OR OBTAINED IN HARDCOPY FORM FROM THE OFFICE OF THE ENGINEER OF THE FLATHEAD RESERVATION WATER MANAGEMENT BOARD.

SEE 30052827 MAP EXHIBIT(S) 1 THROUGH 6.

THE EXERCISE OF THIS WATER RIGHT IS SUBJECT TO THE TERMS AND CONDITIONS OF THE WATER RIGHTS COMPACT ENTERED INTO BY THE CONFEDERATED SALISH AND KOOTENAI TRIBES, THE STATE OF MONTANA, AND THE UNITED STATES OF AMERICA.

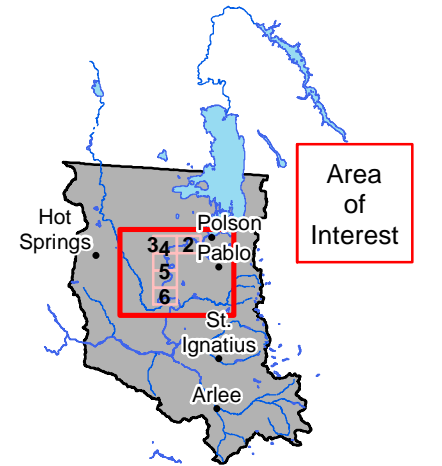
THE ENFORCEABLE LEVEL OF THIS WATER RIGHT SHALL BE AS DETERMINED BY THE PROCESS SET FORTH IN THE LAW OF ADMINISTRATION, THAT BODY OF LAWS ENACTED BY BOTH THE STATE AND THE TRIBES TO PROVIDE FOR THE ADMINISTRATION OF SURFACE AND GROUNDWATER WITHIN THE RESERVATION AS WELL AS THOSE WATERS THAT APPERTAIN TO THE OPERATION AND MAINTENANCE OF THE FIIP THAT HAVE BEEN DIVERTED OR TRANSPORTED ONTO THE RESERVATION FOR FIIP PURPOSES.

THIS IS A NONCONSUMPTIVE INSTREAM FLOW WATER RIGHT; THE PURPOSE AND INSTREAM PLACE OF USE CANNOT BE CHANGED.

PURSUANT TO ARTICLE III.C.1.D.III OF THE WATER RIGHTS COMPACT ENTERED INTO BY THE CONFEDERATED SALISH AND KOOTENAI TRIBES, THE STATE OF MONTANA, AND THE UNITED STATES OF AMERICA, THE TRIBES HAVE AN INSTREAM FLOW RIGHT FOR THE STREAM REACH IDENTIFIED IN THIS ABSTRACT. THE TRIBES SHALL DEFER THE ENFORCEMENT OF THIS RIGHT UNTIL AN ENFORCEABLE FLOW SCHEDULE FOR THAT RIGHT HAS BEEN ESTABLISHED PURSUANT TO THE PROCESS SET FORTH IN THE LAW OF ADMINISTRATION FOR THE DEVELOPMENT OF SUCH ENFORCEABLE SCHEDULE, WHICH CANNOT OCCUR UNTIL AFTER THE WATER COURT HAS ISSUED ITS FINAL DECREE FOR THE BASIN IN WHICH THIS WATER RIGHT IS LOCATED.




THIS WATER RIGHT IS LOCATED IN WHOLE OR IN PART WITHIN THE EXTERIOR BOUNDARY OF THE FLATHEAD INDIAN RESERVATION.

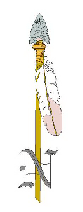
Place of Use
and Point of
Diversion
Instream Flow
Other Sites
76L
30052827
Exhibit 1



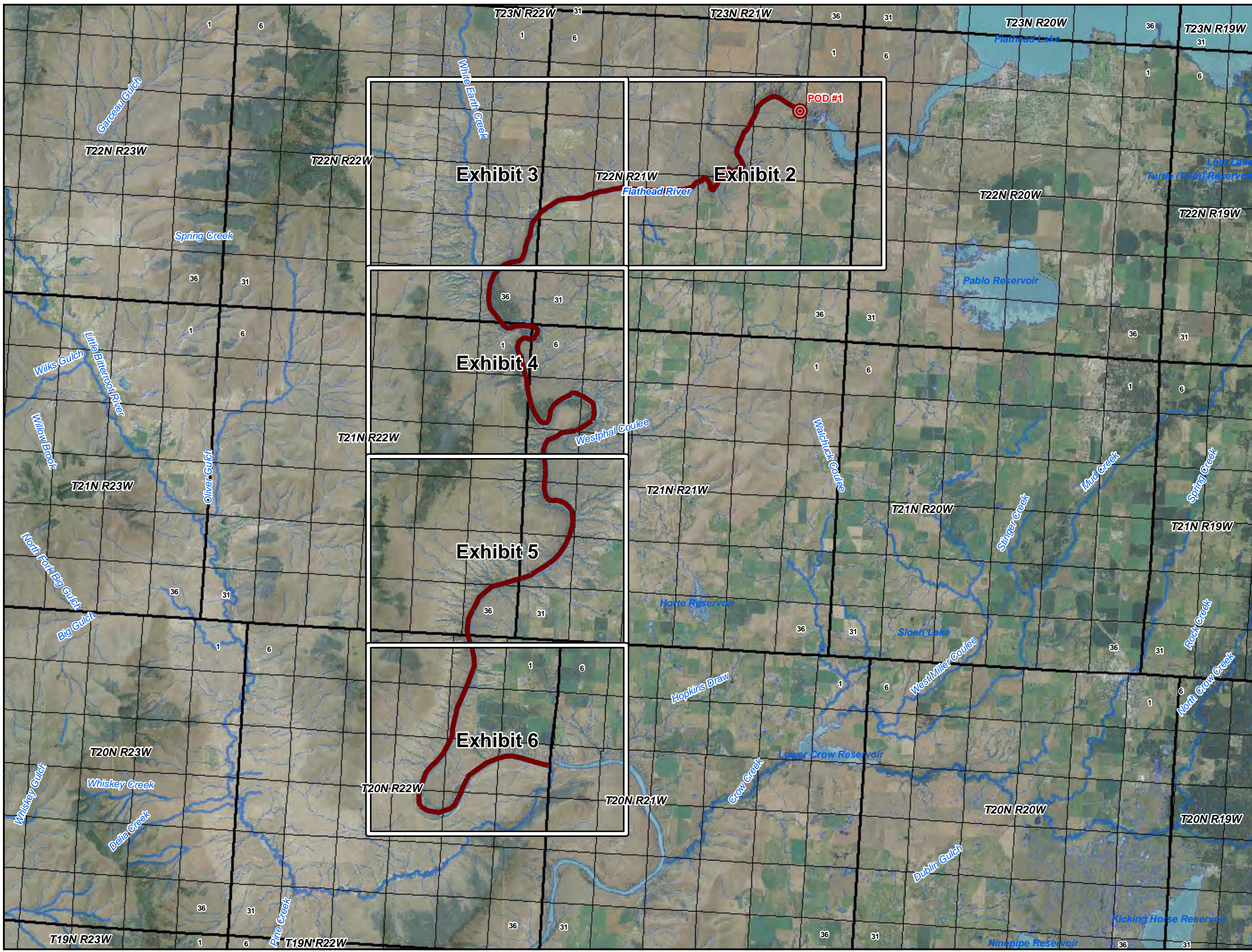
Flathead Indian Reservation

Legend

-  Place of Use
 -  Primary Point(s) of Diversion
 -  Reservation Boundary
- 0 1 2 Miles



POU/POD Data Source: CSKT-MT Compact Instream Flow
Other (available at nris.mt.gov)
Imagery Source: "Montana 2009 Color NAIP Orthophotos,
12-Kilometer Tiles" courtesy of USDA-Farm Services Agency,
Aerial Photography Field Office and the Montana State Library.
Hillshade created from: "National Elevation Dataset" courtesy of
U.S. Geological Survey (USGS), EROS Data Center
(1-arc second)



```
# ----- WARNING -----
# Some of the data that you have obtained from this U.S. Geological Survey database
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#
# File-format description: https://help.waterdata.usgs.gov/faq/about-tab-delimited-output
# Automated-retrieval info: https://help.waterdata.usgs.gov/faq/automated-retrievals
#
# Contact: gs-w_waterdata_support@usgs.gov
# retrieved: 2023-06-26 11:31:31 EDT (sdww02)
#
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# Data for the following 1 site(s) are contained in this file
# USGS 12372000 Flathead River near Polson MT
# -----
#
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# Data provided for site 12372000
# TS parameter statistic Description
# 82110 00060 00003 Discharge, cubic feet per second (Mean)
#
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# Data-value qualification codes included in this output:
# A Approved for publication -- Processing and review completed.
# P Provisional data subject to revision.
#
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USGS	12372000		2022-07-06	30600 A
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USGS	12372000	2022-11-11	7550	A
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USGS	12372000	2022-11-29	7400	A
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USGS	12372000	2022-12-03	8430	A
USGS	12372000	2022-12-04	8440	A
USGS	12372000	2022-12-05	9210	A
USGS	12372000	2022-12-06	9250	A
USGS	12372000	2022-12-07	9160	A

USGS	12372000	2022-12-08	9280	A
USGS	12372000	2022-12-09	9280	A
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USGS	12372000	2022-12-11	9260	A
USGS	12372000	2022-12-12	9290	A
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USGS	12372000	2022-12-15	9410	A
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USGS	12372000	2022-12-17	9320	A
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USGS	12372000	2022-12-21	9440	A
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USGS	12372000	2023-06-24	12700	P
USGS	12372000	2023-06-25	12800	P