

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 86-7318

Exam Date: 12/31/2008

1. Current Owner: IDAHO WATER RESOURCE BOARD
PO BOX 83720
BOISE ID 83720-0098
(208)287-4800

2. SOURCE

CLEARWATER RIVER

TRIBUTARY

SNAKE RIVER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: None
2. Other water rights with the same point of diversion:

Ending of Reach for 86-7318 has the same approx. location as the Ending of Reach for 86-11960

Ending of Reach for 86-7318 has the same approx. location as the Beginning of Reach for 86-7345

Beginning of Reach for 86-7318 has the same approx. location as the Ending of Reach for 85-7583 and 83-11966

C. DIVERSION AND DELIVERY SYSTEM1. LOCATION OF POINT(S) OF DIVERSION:

CLEARWATER RIVER L8 (SE¼SE¼) Sec. 33, Twp 37N, Rge 01E, B.M. CLEARWATER County
(Beginning of Reach)

CLEARWATER RIVER L13 (NW¼SW¼) Sec. 7, Twp 36N, Rge 03W, B.M. NEZ PERCE County
(Ending of Reach)

Method of Determination: GIS, Satellite Imagery

2. N/A Delivery System Diagram Attached (required). Indicate all major components and distances between components. Indicate weir size/pipe as applicable.
- X Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be 1:24,000 or greater. (Attachment A)
- X Aerial Photo Attached (required for irrigation of 10+ acres). (Attachment B)
- N/A Photo of Diversion and System Attached

3.

Well or DiversionID No.*Motor MakeHpMotor Serial No.Pump MakePump Serial No. or Discharge Size

N/A

*Code to correspond with No. on map and aerial photo

D. FLOW MEASUREMENTS

1.

Measurement EquipmentTypeMakeModel No.Serial No.SizeCalib. Date

N/A

2. Measurements:

Through October 29, 2008, USGS staff have completed 297 stream flow measurements for the Clearwater River near Peck, ID stream gaging station. The gaging station is approximately 3 miles downstream from the confluence of the Clearwater River and the North Fork Clearwater River. The period of record at this site is from 1964 to present. Water-Data Report 2007 (Attachment C) describes mean daily discharge data, maximum flows, minimum flows, and historical records.

E. FLOW CALCULATIONS

____ Additional Computation Sheets Attached

Measured Method: N/A

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation: N/A

 $V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$ $V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 =$ $V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} =$ 2. Volume Calculations for Other Uses: Minimum Stream Flow, non-consumptive use
No annual volume limitation required

G. NARRATIVE/REMARKS/COMMENTS

Permit no. 86-7318 should be licensed as permitted based on the findings of fact, conclusions of law, and order set forth in the Final Order dated December 21, 2001.

USGS stream flow records show that the permitted flows for August through October, 4,350 cfs, are available at least 50 percent of the time and the permitted flows for November through July, 5,750 cfs, are available at least 80 percent of the time (Attachment D) as described in Finding of Fact No. 8 in the Final Order.

The permitted beginning of reach point is described as Lot 8 (NW¼SE¼SE¼) Sec. 33, Twp 37N, Rge 01E, at the confluence of North Fork Clearwater River and the Clearwater River. Based on available satellite imagery and public land survey system data, this confluence point is in fact located in Lot 8. However, a 10-acre tract description in this case would be inaccurate. The ending of reach point in Lot 8 should be described only to the 40-acre tract: Lot 8 (SE¼SE¼) Sec. 33, Twp 37N, Rge 01E, at the confluence of North Fork Clearwater River and the Clearwater River.

The permitted ending of reach point is described as Lot 13 (NW¼SW¼SW¼) Sec. 7, Twp 36N, Rge 03W, at the confluence of the Potlatch River and the Clearwater River. Based on available satellite imagery and public land survey system data, this confluence point is in fact located in Lot 13. However, Lot 13 is more accurately described as located in the NW¼SW¼ Sec. 7. The ending of reach point in Lot 13 should be described with reference to the 40-acre tract: Lot 13 (NW¼SW¼) Sec. 7, Twp 36N, Rge 03W, at the confluence of the Potlatch River and the Clearwater River.

Have conditions of permit approval been met? ☒ Yes ☐ No

H. RECOMMENDATIONS

1. Recommended Amounts

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
MINIMUM STREAM FLOW	11/01 to 07/31	5,750 CFS	N/A
MINIMUM STREAM FLOW	08/01 to 10/31	4,350 CFS	N/A
<u>Totals:</u>		5,750 CFS	

2. Recommended Amendments

____ Change P.D. as reflected above ____ Add P.D. as reflected above ☒ None

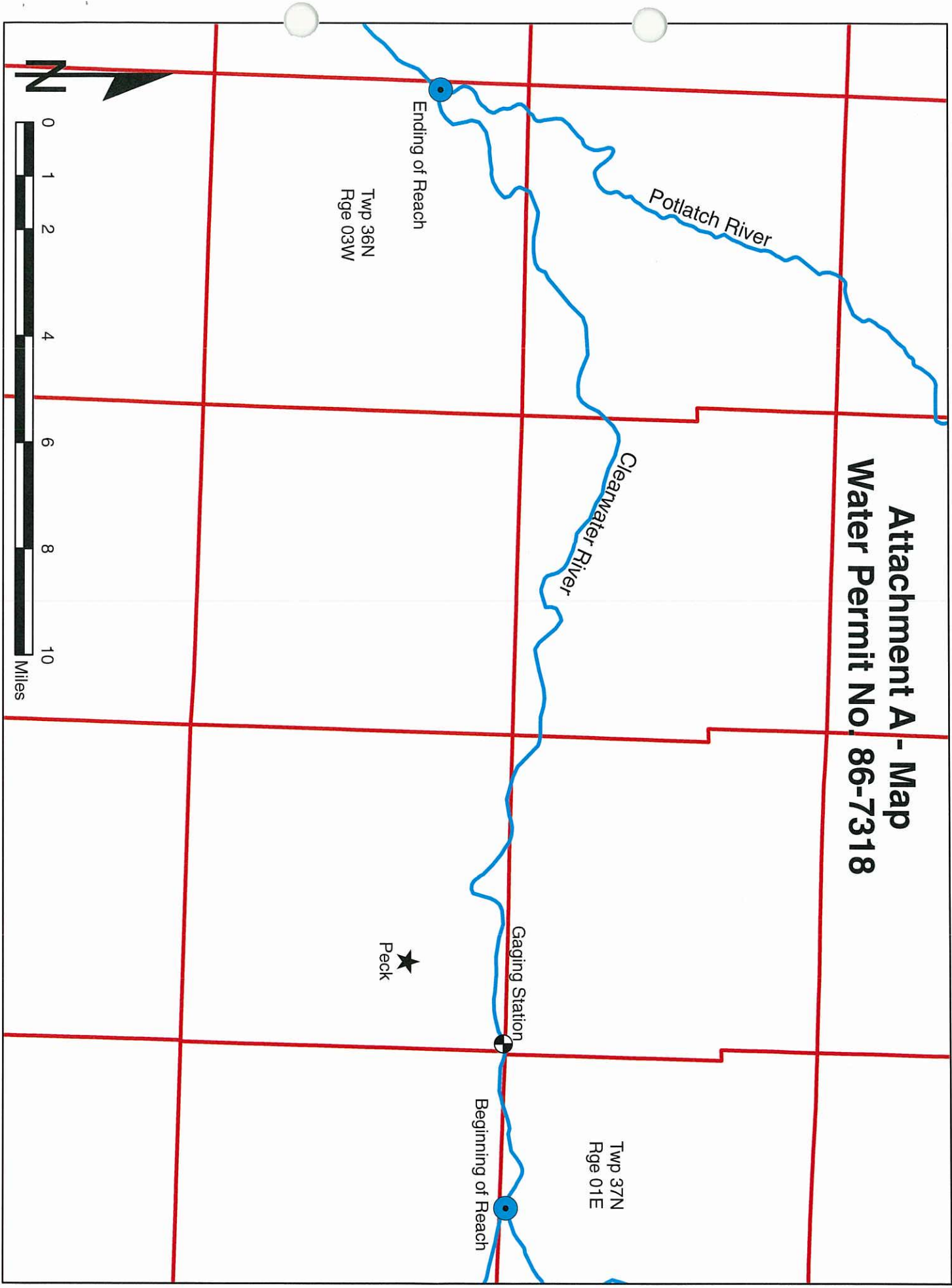
____ Change P.U. as reflected above ____ Add P.U. as reflected above ____ Other

I. AUTHENTICATION

Field Examiner's Name AARON MARSHALL Date 12/31/2008

Reviewer _____ Date _____

Attachment A - Map Water Permit No. 86-7318



Attachment B - Satellite Imagery Water Permit No. 86-7318

Potlatch River

Clearwater River

Ending of Reach

Twp 36N
Rge 03W

Gaging Station

Peck

Beginning of Reach

Twp 37N
Rge 01E



Water-Data Report 2007

13341050 CLEARWATER RIVER NEAR PECK, ID

Clearwater Basin
Clearwater Subbasin

LOCATION.--Lat 46°30'01", long 116°23'33" referenced to North American Datum of 1983, in NE ¼ NE ¼ sec.1, T.36 N., R.1 W., Nez Perce County, ID, Hydrologic Unit 17060306, Southwick quad., on left bank 2 mi upstream from Big Canyon Creek, 2.2 mi northeast of Peck, 3 mi downstream from North Fork Clearwater River, and at mile 37.4.

DRAINAGE AREA.--8,040 mi², approximately.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 1964 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 930 ft above NGVD of 1929, from topographic map.

REMARKS.--No estimated daily discharges. Records good. Station equipment includes satellite telemetry. Flow regulated by Dworshak Reservoir (station 13340950) 5.1 mi upstream beginning September 1971.

EXTREMES FOR PERIOD OF RECORD.--

UNREGULATED PERIOD (1965-71): Maximum discharge prior to regulation by Dworshak Reservoir, 107,000 ft³/s May 13, 1971, maximum gage height, 25.00 ft, Dec. 28, 1967, result of ice jam; minimum, 1,630 ft³/s Nov. 30, 1969, gage height, 2.70 ft.

REGULATED PERIOD (1972 to current year): Maximum discharge since regulation began, 127,000 ft³/s June 16, 1974, gage height, 23.66 ft; minimum, 1,260 ft³/s Oct. 31, 1971, gage height, 2.24 ft.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of June 8, 1964, reached a stage of 23.95 ft, from floodmark, discharge, 118,000 ft³/s, from rating extended above 89,100 ft³/s.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 44,300 ft³/s May 13, gage height, 13.70 ft; minimum daily, 2,450 ft³/s Nov. 3.

13341050 CLEARWATER RIVER NEAR PECK, ID—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	2,740	2,750	5,240	4,880	8,560	6,200	22,200	37,200	20,600	9,150	11,500	8,920
2	2,710	2,500	5,710	6,790	8,340	5,780	16,400	39,500	19,800	10,500	11,500	9,000
3	2,680	2,450	5,300	7,830	7,000	5,580	15,700	39,800	20,300	13,200	11,500	9,020
4	2,670	3,260	4,760	8,970	7,260	5,590	14,300	36,200	20,600	13,600	11,500	8,980
5	2,710	3,850	5,040	8,630	7,220	5,700	12,200	32,000	21,000	14,200	11,500	8,850
6	2,750	4,820	5,370	8,210	4,340	5,740	12,400	29,000	20,800	15,000	11,500	8,950
7	2,800	18,700	5,110	7,980	4,440	6,020	13,300	27,400	21,300	14,900	11,500	8,960
8	2,770	33,400	4,890	10,500	4,530	7,080	14,500	27,300	20,200	14,800	11,500	8,990
9	2,790	18,800	4,810	11,800	5,020	7,980	16,400	29,900	19,000	14,600	11,500	8,910
10	3,320	12,200	4,810	11,900	5,680	8,040	17,800	35,000	18,900	14,400	11,500	6,760
11	2,730	9,910	4,940	13,500	5,880	8,470	16,500	39,700	22,200	14,300	11,400	6,580
12	3,350	9,250	5,020	13,100	7,710	10,100	20,500	40,100	20,800	14,100	9,260	6,600
13	2,820	7,650	6,800	12,100	8,100	16,100	19,400	42,000	17,900	13,900	9,250	6,520
14	2,630	7,900	7,390	12,000	7,490	18,500	16,800	38,400	16,900	13,900	9,220	3,460
15	2,650	7,320	8,520	10,700	7,450	16,100	17,500	35,600	16,200	13,100	9,230	3,410
16	2,760	6,810	8,820	9,020	9,490	14,000	17,800	34,900	15,400	11,600	9,220	3,390
17	3,330	7,920	7,080	10,600	10,000	13,300	17,700	31,800	14,900	12,100	9,180	2,550
18	3,400	6,920	5,290	10,900	9,460	13,700	18,400	33,800	14,500	12,100	9,210	2,530
19	3,100	6,390	4,390	8,040	9,120	15,400	19,500	34,000	14,100	12,200	9,220	2,560
20	3,240	6,270	4,560	8,100	8,550	19,600	19,200	32,600	12,800	12,100	9,270	2,520
21	4,280	7,790	4,920	8,050	8,440	23,000	18,600	31,100	13,300	12,000	9,420	2,520
22	4,080	8,250	5,370	7,910	7,820	21,600	18,200	28,200	12,300	11,900	9,640	2,490
23	3,470	8,000	5,690	7,790	7,630	20,900	18,800	25,700	12,000	11,800	9,610	2,460
24	3,220	7,480	5,300	7,720	7,250	20,700	19,900	23,600	11,600	11,800	9,470	2,870
25	3,100	7,300	5,130	7,590	6,860	21,600	21,600	22,400	11,000	11,800	9,390	3,470
26	3,110	6,880	5,520	7,450	6,890	26,200	24,200	21,400	9,950	11,800	9,340	3,010
27	3,050	6,460	6,460	7,400	6,770	26,600	24,500	21,200	9,550	11,700	9,310	2,760
28	2,980	6,350	6,550	7,150	6,400	26,100	26,000	23,500	9,790	11,700	9,220	2,650
29	2,930	5,560	5,690	7,790	---	24,100	30,000	22,400	9,560	11,700	9,000	2,650
30	2,910	5,080	5,010	8,280	---	22,900	34,600	20,700	9,390	11,600	9,000	2,760
31	2,940	---	4,710	8,540	---	22,200	---	19,700	---	11,600	9,000	---
Total	94,020	248,220	174,200	281,220	203,700	464,880	574,900	956,100	476,640	393,150	311,860	155,100
Mean	3,033	8,274	5,619	9,072	7,275	15,000	19,160	30,840	15,890	12,680	10,060	5,170
Max	4,280	33,400	8,820	13,500	10,000	26,600	34,600	42,000	22,200	15,000	11,500	9,020
Min	2,630	2,450	4,390	4,880	4,340	5,580	12,200	19,700	9,390	9,150	9,000	2,460
Ac-ft	186,500	492,300	345,500	557,800	404,000	922,100	1,140,000	1,896,000	945,400	779,800	618,600	307,600

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1965 - 1971, BY WATER YEAR (WY) (UNREGULATED)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	4,796	6,642	7,898	10,520	12,710	12,550	26,050	49,610	40,830	10,530	3,812	3,799
Max	8,818	12,510	18,720	16,090	21,110	17,630	41,330	72,930	54,520	15,670	5,024	7,201
(WY)	(1969)	(1969)	(1965)	(1969)	(1971)	(1968)	(1965)	(1971)	(1971)	(1971)	(1965)	(1968)
Min	2,887	3,365	4,174	4,770	3,779	10,220	14,200	36,430	21,890	6,351	2,704	2,219
(WY)	(1967)	(1970)	(1966)	(1966)	(1966)	(1967)	(1970)	(1968)	(1966)	(1966)	(1966)	(1966)

13341050 CLEARWATER RIVER NEAR PECK, ID—Continued

SUMMARY STATISTICS

	Water Years 1965 -		
Annual mean	^a 1,580		0
Highest annual mean	1,998		0
Lowest annual mean	1,084		0
Highest daily mean	10,300	0	May 1
Lowest daily mean	186	0	Sep 2
Annual seven-day minimum	192	0	Sep 2
Annual runoff (ac-ft)	1,144,000		0
10 percent exceeds	4,250		0
50 percent exceeds	854		0
90 percent exceeds	314		0

^a Statistics 1965-1971 are prior to regulation by Dworshak Reservoir.

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1972 - 2007, BY WATER YEAR (WY)

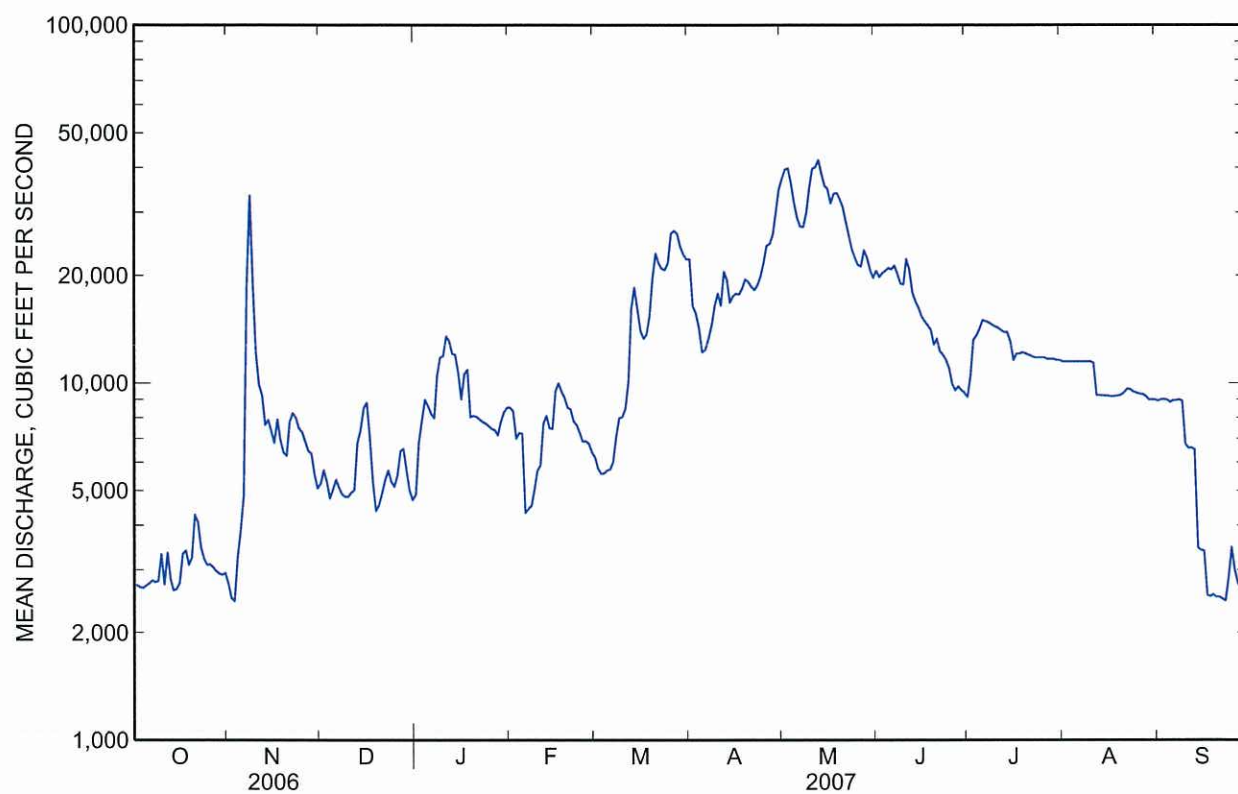
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	4,161	6,595	8,417	9,028	10,250	14,670	21,800	35,120	30,360	13,920	8,383	6,896
Max	8,253	20,750	26,370	22,670	32,460	33,820	37,740	64,110	70,340	27,610	18,900	11,550
(WY)	(1976)	(1996)	(1976)	(1974)	(1996)	(1986)	(1997)	(1972)	(1974)	(1997)	(1997)	(1989)
Min	1,680	2,134	2,214	2,971	3,295	4,717	7,476	19,490	8,646	4,892	2,996	2,588
(WY)	(1972)	(1972)	(1972)	(1987)	(1973)	(1973)	(1973)	(1977)	(1987)	(1987)	(1994)	(1994)

SUMMARY STATISTICS

	Calendar Year 2006		Water Year 2007		Water Years 1972 - 2007	
Annual total	5,090,410		^b 4,333,990			
Annual mean	13,950		11,870		14,140	
Highest annual mean					23,480	
Lowest annual mean					7,676	
Highest daily mean	61,600		May 20		119,000	
Lowest daily mean	2,450		Nov 3		1,330	
Annual seven-day minimum	2,720		Sep 14		1,460	
Annual runoff (ac-ft)	10,100,000		8,596,000		10,240,000	
10 percent exceeds	32,500		22,900		32,700	
50 percent exceeds	9,250		9,220		9,780	
90 percent exceeds	3,110		3,100		3,380	

^b Regulated by Dworshak Reservoir.

13341050 CLEARWATER RIVER NEAR PECK, ID—Continued



13341050 CLEARWATER RIVER NEAR PECK, ID—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1965-84, October 1985 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: October 1964 to September 1984, October 1985 to current year.

INSTRUMENTATION.--Temperature recorder since October 1964.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 25.0 °C Aug. 1-2, 1965; minimum, 0.0 °C many days during winter months.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 16.9 °C Sept. 14; minimum, 1.2 °C Dec 23.

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	October		November		December		January		February		March	
1	12.5	11.5	6.0	4.5	2.5	2.0	2.0	2.0	3.5	3.0	4.0	3.0
2	12.5	11.5	6.5	5.5	2.5	2.0	3.5	2.0	3.5	3.0	3.5	2.5
3	12.0	11.0	8.0	6.5	3.0	2.0	3.5	3.5	3.5	3.0	3.5	2.5
4	12.5	11.5	7.5	7.0	2.5	2.0	3.5	3.5	3.5	3.0	4.5	3.0
5	12.5	11.5	8.0	7.0	3.0	2.5	3.5	3.5	3.5	3.0	5.0	3.5
6	12.5	11.5	8.0	7.5	3.0	2.5	3.5	3.5	3.0	2.0	6.0	4.0
7	12.5	11.5	8.0	7.0	3.0	2.0	3.5	3.5	2.5	1.5	6.0	4.5
8	11.5	10.5	8.5	8.0	3.0	2.5	4.5	3.5	2.5	2.0	6.0	5.0
9	11.0	10.0	8.0	7.0	3.0	2.5	4.5	4.5	2.0	2.0	6.5	5.5
10	10.5	10.0	7.0	6.0	3.5	3.0	4.5	4.5	2.5	1.5	7.0	5.5
11	10.5	9.5	6.0	5.5	3.5	3.5	4.5	4.0	3.0	2.0	7.0	6.5
12	10.5	9.0	6.0	5.5	4.5	3.5	4.5	4.0	3.0	2.5	7.0	6.0
13	10.5	9.0	6.0	5.0	5.5	4.0	4.5	4.5	3.5	2.5	6.0	5.0
14	10.5	9.5	6.5	5.0	4.0	3.5	4.5	4.0	4.0	3.5	5.5	4.5
15	10.5	10.0	5.0	5.0	4.0	3.5	4.0	2.0	4.0	3.5	5.5	4.5
16	10.5	10.0	6.0	5.0	3.5	3.0	4.0	3.0	4.0	3.5	5.5	5.0
17	10.5	9.5	5.0	4.5	3.0	2.0	4.0	4.0	4.5	4.0	6.5	5.5
18	10.5	10.0	5.5	5.0	2.0	1.5	4.0	3.5	4.0	3.5	7.0	6.0
19	10.5	10.0	5.5	5.0	2.0	1.5	3.5	3.0	4.0	3.5	7.0	6.5
20	10.5	10.0	5.5	5.0	2.0	2.0	3.0	2.5	4.0	4.0	7.0	6.0
21	10.0	9.0	5.5	5.5	2.0	1.5	3.0	2.5	4.0	3.5	6.0	5.5
22	10.0	8.5	6.0	5.5	2.0	1.5	3.5	3.0	4.5	3.5	5.5	5.0
23	9.5	8.5	6.0	5.5	1.5	1.0	3.5	3.0	4.5	4.0	6.5	5.5
24	9.0	8.0	6.0	5.5	2.0	1.5	3.5	3.0	4.0	3.5	6.5	6.0
25	9.0	8.5	5.5	4.5	2.5	2.0	3.5	3.0	4.5	4.0	7.0	6.0
26	8.5	8.0	4.5	4.0	2.5	2.0	3.5	3.0	5.0	4.0	6.0	5.5
27	8.5	7.5	4.5	3.5	2.5	2.0	3.5	3.0	5.0	4.0	6.0	5.5
28	8.5	7.5	3.5	2.5	2.0	2.0	3.5	3.0	4.5	4.0	5.5	5.5
29	8.5	7.5	3.0	2.5	2.0	1.5	3.5	3.0	---	---	6.0	5.0
30	7.5	6.5	2.5	2.0	2.0	1.5	3.5	3.5	---	---	6.0	5.5
31	6.5	5.5	---	---	2.0	2.0	3.5	3.0	---	---	6.5	6.0
Month	12.5	5.5	8.5	2.0	5.5	1.0	4.5	2.0	5.0	1.5	7.0	2.5

13341050 CLEARWATER RIVER NEAR PECK, ID—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	April		May		June		July		August		September	
1	6.5	6.0	9.0	8.0	13.0	11.5	16.0	14.5	10.0	9.0	11.5	10.5
2	7.0	6.0	8.5	7.5	14.0	13.0	15.0	13.0	10.0	9.0	12.0	11.0
3	6.0	5.5	7.5	7.0	14.5	13.0	13.5	12.0	10.0	9.0	12.0	11.0
4	6.0	6.0	7.0	6.0	14.5	13.5	13.0	11.5	10.0	9.0	12.0	11.0
5	7.0	6.0	7.0	5.5	14.0	12.5	13.0	11.5	9.5	9.0	11.5	11.0
6	8.5	7.0	7.5	6.0	12.5	10.5	12.5	11.0	9.5	9.0	12.0	11.0
7	9.0	8.0	8.5	7.0	10.5	9.0	12.0	11.0	10.0	9.0	12.0	11.0
8	9.0	8.0	10.0	8.0	10.5	8.5	12.0	11.0	10.0	9.0	12.0	11.0
9	8.0	8.0	10.5	9.0	11.5	10.5	12.0	10.5	10.0	9.0	12.0	11.0
10	8.0	6.5	10.0	9.0	11.5	11.0	12.0	10.5	10.0	9.0	12.5	11.5
11	6.5	6.0	9.5	8.5	12.0	11.0	12.0	10.5	10.0	9.0	12.0	9.5
12	6.5	6.0	10.0	8.5	13.0	11.5	12.0	10.5	11.0	9.5	10.5	9.5
13	7.0	6.0	9.5	8.5	13.0	12.0	12.0	10.5	10.5	9.5	10.5	9.0
14	7.5	7.0	9.0	7.5	13.0	12.0	11.5	10.0	10.5	9.5	17.0	9.5
15	7.5	7.5	9.5	8.0	13.5	12.5	11.5	10.5	10.5	10.0	12.5	10.5
16	7.5	7.0	10.5	8.5	13.5	13.5	13.0	10.0	10.5	10.0	12.0	10.5
17	7.5	7.0	11.0	9.5	13.5	12.0	11.5	10.5	10.5	9.5	13.0	11.0
18	7.0	6.5	11.5	10.0	13.0	12.0	11.5	10.5	10.5	9.5	12.5	11.0
19	6.5	6.0	11.0	9.5	13.0	11.5	11.5	10.5	10.5	9.5	13.0	11.0
20	6.5	6.0	10.5	9.5	14.5	12.5	11.0	10.0	10.0	9.5	12.5	11.0
21	6.5	6.0	9.5	8.0	15.5	13.5	11.0	9.5	11.0	10.0	12.5	10.5
22	7.0	6.5	8.0	7.0	15.5	14.0	11.0	10.0	11.5	10.5	12.5	10.5
23	8.0	7.0	9.0	7.0	16.0	15.0	11.0	9.5	11.5	10.5	12.0	11.0
24	8.5	7.5	10.0	8.5	15.5	14.5	11.0	9.5	11.0	10.5	12.5	10.5
25	8.5	7.5	10.0	8.5	15.0	14.0	11.0	9.5	11.5	10.5	12.5	11.0
26	8.0	7.0	11.0	9.5	15.0	13.5	10.5	9.5	11.0	10.0	12.0	10.5
27	8.5	7.5	11.0	10.0	14.5	13.5	11.0	9.5	11.0	10.0	12.0	10.5
28	9.0	8.0	10.5	9.5	14.5	13.0	10.5	9.5	11.0	10.0	11.5	10.5
29	9.5	8.5	10.0	8.5	15.5	14.0	10.5	9.5	11.5	10.0	11.5	10.5
30	9.0	8.0	11.5	9.5	16.0	14.5	10.5	9.5	11.5	10.5	11.5	10.0
31	---	---	12.0	10.5	---	---	10.0	9.0	11.5	11.0	---	---
Month	9.5	5.5	12.0	5.5	16.0	8.5	16.0	9.0	11.5	9.0	17.0	9.0

ATTACHMENT D

USGS 13341050 CLEARWATER RIVER NR PECK ID

Discharge, cubic feet per second (Calculation Period: 1971-10-01 -> 2007-09-30)												
	Mean Monthly Discharge for USGS 13341050 * and Water Right No. 86-7318 Minimum Stream Flow values											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean Monthly Discharge	9,030	10,200	14,700	21,800	35,100	30,400	13,900	8,380	6,900	4,160	6,590	8,420
Minimum Stream Flow	5,750	5,750	5,750	5,750	5,750	5,750	5,750	4,350	4,350	4,350	5,750	5,750

*Mean monthly data downloaded from USGS web site for entire available period of record at gaging station

Mean Monthly Discharge vs. Minimum Stream Flow

