

Appendix B

Pumping Plant and Pond Operation Analysis Output

Pump Operation

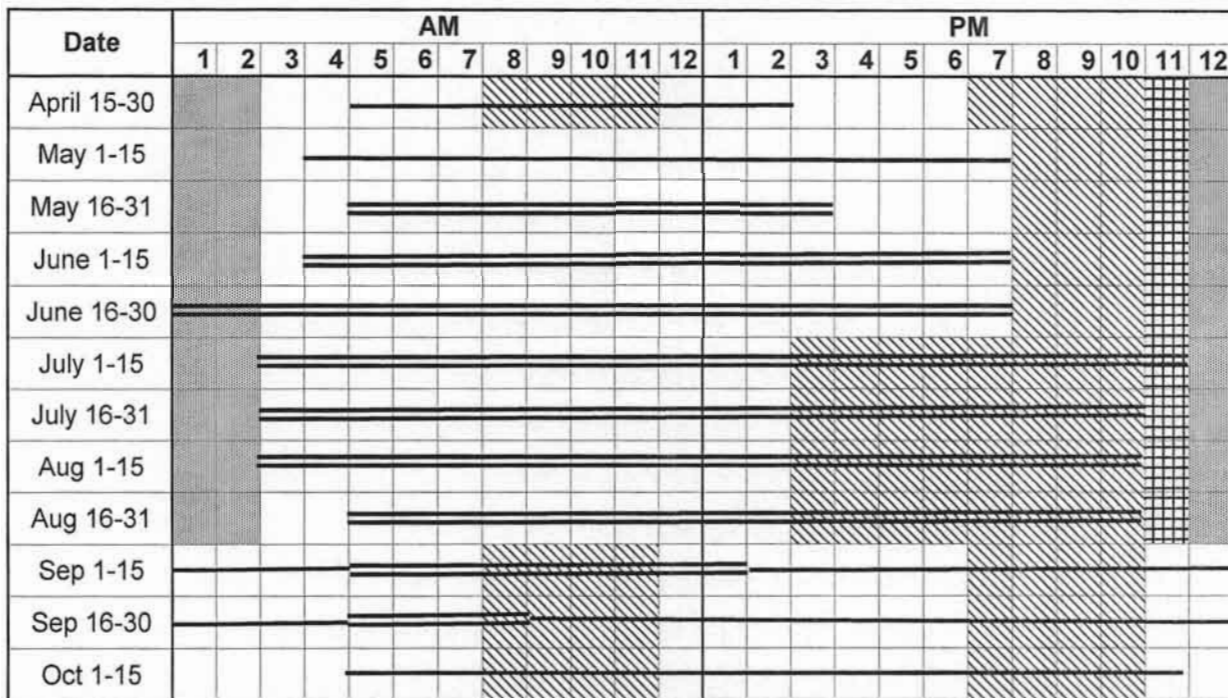
Initial Phase – 8,500 af/yr

Two Pumps

Green River Pumping Plant

Pump Operation Hours

Initial Phase (8,500 af/yr) - Two Pump Option



Fish Blackout Hours



Peak Power Hours



Peak Power & Fish Blackout Hour



Two Pumps



One Pump

Green River Pumping Plant and Pond Operation

Initial Phase (8,500 af/yr) Two-Pump Option

April 15-30

Units: Acre-feet

Hour	GR Pumping 20	Irrigation			Pond Operation				Peak Power	Fish
		Demand	From GR	Rem Dem	Inflow	From Pond	Content 30.0	Spill		
		238								
Input	1.7	0.7	0.7		1.0	0.0	12.0			
1am		0.7	0.0	0.7	0.0	0.7	11.3	0.0		
2am		0.7	0.0	0.7	0.0	0.7	10.6	0.0		
3am		0.7	0.0	0.7	0.0	0.7	9.9	0.0		
4am		0.7	0.0	0.7	0.0	0.7	9.2	0.0		
5am	1.7	0.7	0.7	0.0	1.0	0.0	10.2	0.0		
6am	1.7	0.7	0.7	0.0	1.0	0.0	11.2	0.0		
7am	1.7	0.7	0.7	0.0	1.0	0.0	12.2	0.0		
8am	1.7	0.7	0.7	0.0	1.0	0.0	13.2	0.0		
9am	1.7	0.7	0.7	0.0	1.0	0.0	14.2	0.0		
10am	1.7	0.7	0.7	0.0	1.0	0.0	15.2	0.0		
11am	1.7	0.7	0.7	0.0	1.0	0.0	16.2	0.0		
12 noon	1.7	0.7	0.7	0.0	1.0	0.0	17.2	0.0		
1pm	1.7	0.7	0.7	0.0	1.0	0.0	18.2	0.0		
2pm	1.7	0.7	0.7	0.0	1.0	0.0	19.2	0.0		
3pm		0.7	0.0	0.7	0.0	0.7	18.5	0.0		
4pm		0.7	0.0	0.7	0.0	0.7	17.8	0.0		
5pm		0.7	0.0	0.7	0.0	0.7	17.1	0.0		
6pm		0.7	0.0	0.7	0.0	0.7	16.4	0.0		
7pm		0.7	0.0	0.7	0.0	0.7	15.7	0.0		
8pm		0.7	0.0	0.7	0.0	0.7	15.0	0.0		
9pm		0.7	0.0	0.7	0.0	0.7	14.3	0.0		
10pm		0.7	0.0	0.7	0.0	0.7	13.6	0.0		
11pm		0.7	0.0	0.7	0.0	0.7	12.9	0.0		
12pm		0.7	0.0	0.7	0.0	0.7	12.2	0.0		
Total	17.0	16.8	7.0	9.8	10.0	9.8		0.0		

Non-pump hour

Peak Power Hour

Fish Blackout Hour

Green River Pumping Plant and Pond Operation

Initial Phase (8,500 af/yr) Two-Pump Option

May 1-15

Units: Acre-feet

Hour	GR Pumping 20	Irrigation			Pond Operation				Peak Power	Fish
		Demand	From GR	Rem Dem	Inflow	From Pond	Content 30.0	Spill		
		391								
Input	1.7	1.1	1.1		0.6	0.0	12.0			
1am		1.1	0.0	1.1	0.0	1.1	10.9	0.0		
2am		1.1	0.0	1.1	0.0	1.1	9.8	0.0		
3am		1.1	0.0	1.1	0.0	1.1	8.7	0.0		
4am	1.7	1.1	1.1	0.0	0.6	0.0	9.3	0.0		
5am	1.7	1.1	1.1	0.0	0.6	0.0	9.9	0.0		
6am	1.7	1.1	1.1	0.0	0.6	0.0	10.5	0.0		
7am	1.7	1.1	1.1	0.0	0.6	0.0	11.1	0.0		
8am	1.7	1.1	1.1	0.0	0.6	0.0	11.7	0.0		
9am	1.7	1.1	1.1	0.0	0.6	0.0	12.3	0.0		
10am	1.7	1.1	1.1	0.0	0.6	0.0	12.9	0.0		
11am	1.7	1.1	1.1	0.0	0.6	0.0	13.5	0.0		
12 noon	1.7	1.1	1.1	0.0	0.6	0.0	14.1	0.0		
1pm	1.7	1.1	1.1	0.0	0.6	0.0	14.7	0.0		
2pm	1.7	1.1	1.1	0.0	0.6	0.0	15.3	0.0		
3pm	1.7	1.1	1.1	0.0	0.6	0.0	15.9	0.0		
4pm	1.7	1.1	1.1	0.0	0.6	0.0	16.5	0.0		
5pm	1.7	1.1	1.1	0.0	0.6	0.0	17.1	0.0		
6pm	1.7	1.1	1.1	0.0	0.6	0.0	17.7	0.0		
7pm	1.7	1.1	1.1	0.0	0.6	0.0	18.3	0.0		
8pm		1.1	0.0	1.1	0.0	1.1	17.2	0.0		
9pm		1.1	0.0	1.1	0.0	1.1	16.1	0.0		
10pm		1.1	0.0	1.1	0.0	1.1	15.0	0.0		
11pm		1.1	0.0	1.1	0.0	1.1	13.9	0.0		
12pm		1.1	0.0	1.1	0.0	1.1	12.8	0.0		
Total	27.2	26.4	17.6	8.8	9.6	8.8		0.0		

Non-pump hour

Peak Power Hour

Fish Blackout Hour

Green River Pumping Plant and Pond Operation

Initial Phase (8,500 af/yr) Two-Pump Option

May 16-31

Units: Acre-feet

Hour	GR Pumping 37	Irrigation			Pond Operation				Peak Power	Fish
		Demand	From GR	Rem Dem	Inflow	From Pond	Content	Spill		
		553					30.0			
Input	3.1	1.4	1.4		1.7	0.0	12.0			
1am		1.4	0.0	1.4	0.0	1.4	10.6	0.0		
2am		1.4	0.0	1.4	0.0	1.4	9.2	0.0		
3am		1.4	0.0	1.4	0.0	1.4	7.8	0.0		
4am		1.4	0.0	1.4	0.0	1.4	6.4	0.0		
5am	3.1	1.4	1.4	0.0	1.7	0.0	8.1	0.0		
6am	3.1	1.4	1.4	0.0	1.7	0.0	9.8	0.0		
7am	3.1	1.4	1.4	0.0	1.7	0.0	11.5	0.0		
8am	3.1	1.4	1.4	0.0	1.7	0.0	13.2	0.0		
9am	3.1	1.4	1.4	0.0	1.7	0.0	14.9	0.0		
10am	3.1	1.4	1.4	0.0	1.7	0.0	16.6	0.0		
11am	3.1	1.4	1.4	0.0	1.7	0.0	18.3	0.0		
12 noon	3.1	1.4	1.4	0.0	1.7	0.0	20.0	0.0		
1pm	3.1	1.4	1.4	0.0	1.7	0.0	21.7	0.0		
2pm	3.1	1.4	1.4	0.0	1.7	0.0	23.4	0.0		
3pm	3.1	1.4	1.4	0.0	1.7	0.0	25.1	0.0		
4pm		1.4	0.0	1.4	0.0	1.4	23.7	0.0		
5pm		1.4	0.0	1.4	0.0	1.4	22.3	0.0		
6pm		1.4	0.0	1.4	0.0	1.4	20.9	0.0		
7pm		1.4	0.0	1.4	0.0	1.4	19.5	0.0		
8pm		1.4	0.0	1.4	0.0	1.4	18.1	0.0		
9pm		1.4	0.0	1.4	0.0	1.4	16.7	0.0		
10pm		1.4	0.0	1.4	0.0	1.4	15.3	0.0		
11pm		1.4	0.0	1.4	0.0	1.4	13.9	0.0		
12pm		1.4	0.0	1.4	0.0	1.4	12.5	0.0		
Total	34.1	33.6	15.4	18.2	18.7	18.2		0.0		

Non-pump hour

Peak Power Hour

Fish Blackout Hour

Green River Pumping Plant and Pond Operation

Initial Phase (8,500 af/yr) Two-Pump Option

June 1-15

Units: Acre-feet

Hour	GR Pumping 37	Irrigation			Pond Operation				Peak Power	Fish
		Demand	From GR	Rem Dem	Inflow	From Pond	Content	Spill		
		731								
Input	3.1	2.0	2.0		1.1	0.0	12.0			
1am		2.0	0.0	2.0	0.0	2.0	10.0	0.0		
2am		2.0	0.0	2.0	0.0	2.0	8.0	0.0		
3am		2.0	0.0	2.0	0.0	2.0	6.0	0.0		
4am	3.1	2.0	2.0	0.0	1.1	0.0	7.1	0.0		
5am	3.1	2.0	2.0	0.0	1.1	0.0	8.2	0.0		
6am	3.1	2.0	2.0	0.0	1.1	0.0	9.3	0.0		
7am	3.1	2.0	2.0	0.0	1.1	0.0	10.4	0.0		
8am	3.1	2.0	2.0	0.0	1.1	0.0	11.5	0.0		
9am	3.1	2.0	2.0	0.0	1.1	0.0	12.6	0.0		
10am	3.1	2.0	2.0	0.0	1.1	0.0	13.7	0.0		
11am	3.1	2.0	2.0	0.0	1.1	0.0	14.8	0.0		
12 noon	3.1	2.0	2.0	0.0	1.1	0.0	15.9	0.0		
1pm	3.1	2.0	2.0	0.0	1.1	0.0	17.0	0.0		
2pm	3.1	2.0	2.0	0.0	1.1	0.0	18.1	0.0		
3pm	3.1	2.0	2.0	0.0	1.1	0.0	19.2	0.0		
4pm	3.1	2.0	2.0	0.0	1.1	0.0	20.3	0.0		
5pm	3.1	2.0	2.0	0.0	1.1	0.0	21.4	0.0		
6pm	3.1	2.0	2.0	0.0	1.1	0.0	22.5	0.0		
7pm	3.1	2.0	2.0	0.0	1.1	0.0	23.6	0.0		
8pm		2.0	0.0	2.0	0.0	2.0	21.6	0.0		
9pm		2.0	0.0	2.0	0.0	2.0	19.6	0.0		
10pm		2.0	0.0	2.0	0.0	2.0	17.6	0.0		
11pm		2.0	0.0	2.0	0.0	2.0	15.6	0.0		
12pm		2.0	0.0	2.0	0.0	2.0	13.6	0.0		
Total	49.6	48.0	32.0	16.0	17.6	16.0		0.0		

Non-pump hour

Peak Power Hour

Fish Blackout Hour

Green River Pumping Plant and Pond Operation

Initial Phase (8,500 af/yr) Two-Pump Option

June 16-30

Units: Acre-feet

Hour	GR Pumping 37	Irrigation			Pond Operation				Peak Power	Fish
		Demand	From GR	Rem Dem	Inflow	From Pond	Content	Spill		
		850								
Input	3.1	2.4	2.4		0.7	0.0	12.0			
1am	3.1	2.4	2.4	0.0	0.7	0.0	12.7	0.0		
2am	3.1	2.4	2.4	0.0	0.7	0.0	13.4	0.0		
3am	3.1	2.4	2.4	0.0	0.7	0.0	14.1	0.0		
4am	3.1	2.4	2.4	0.0	0.7	0.0	14.8	0.0		
5am	3.1	2.4	2.4	0.0	0.7	0.0	15.5	0.0		
6am	3.1	2.4	2.4	0.0	0.7	0.0	16.2	0.0		
7am	3.1	2.4	2.4	0.0	0.7	0.0	16.9	0.0		
8am	3.1	2.4	2.4	0.0	0.7	0.0	17.6	0.0		
9am	3.1	2.4	2.4	0.0	0.7	0.0	18.3	0.0		
10am	3.1	2.4	2.4	0.0	0.7	0.0	19.0	0.0		
11am	3.1	2.4	2.4	0.0	0.7	0.0	19.7	0.0		
12 noon	3.1	2.4	2.4	0.0	0.7	0.0	20.4	0.0		
1pm	3.1	2.4	2.4	0.0	0.7	0.0	21.1	0.0		
2pm	3.1	2.4	2.4	0.0	0.7	0.0	21.8	0.0		
3pm	3.1	2.4	2.4	0.0	0.7	0.0	22.5	0.0		
4pm	3.1	2.4	2.4	0.0	0.7	0.0	23.2	0.0		
5pm	3.1	2.4	2.4	0.0	0.7	0.0	23.9	0.0		
6pm	3.1	2.4	2.4	0.0	0.7	0.0	24.6	0.0		
7pm	3.1	2.4	2.4	0.0	0.7	0.0	25.3	0.0		
8pm		2.4	0.0	2.4	0.0	2.4	22.9	0.0		
9pm		2.4	0.0	2.4	0.0	2.4	20.5	0.0		
10pm		2.4	0.0	2.4	0.0	2.4	18.1	0.0		
11pm		2.4	0.0	2.4	0.0	2.4	15.7	0.0		
12pm		2.4	0.0	2.4	0.0	2.4	13.3	0.0		
Total	58.9	57.6	45.6	12.0	13.3	12.0		0.0		

Non-pump hour

Peak Power Hour

Fish Blackout Hour

Green River Pumping Plant and Pond Operation

Initial Phase (8,500 af/yr) Two-Pump Option

July 1-15

Units: Acre-feet

Hour	GR Pumping 37	Irrigation			Pond Operation				Peak Power	Fish
		Demand 918	From GR	Rem Dem	Inflow	From Pond	Content 30.0	Spill		
Input	3.1	2.6	2.6		0.5	0.0	12.0			
1am		2.6	0.0	2.6	0.0	2.6	9.4	0.0		
2am		2.6	0.0	2.6	0.0	2.6	6.8	0.0		
3am	3.1	2.6	2.6	0.0	0.5	0.0	7.3	0.0		
4am	3.1	2.6	2.6	0.0	0.5	0.0	7.8	0.0		
5am	3.1	2.6	2.6	0.0	0.5	0.0	8.3	0.0		
6am	3.1	2.6	2.6	0.0	0.5	0.0	8.8	0.0		
7am	3.1	2.6	2.6	0.0	0.5	0.0	9.3	0.0		
8am	3.1	2.6	2.6	0.0	0.5	0.0	9.8	0.0		
9am	3.1	2.6	2.6	0.0	0.5	0.0	10.3	0.0		
10am	3.1	2.6	2.6	0.0	0.5	0.0	10.8	0.0		
11am	3.1	2.6	2.6	0.0	0.5	0.0	11.3	0.0		
12 noon	3.1	2.6	2.6	0.0	0.5	0.0	11.8	0.0		
1pm	3.1	2.6	2.6	0.0	0.5	0.0	12.3	0.0		
2pm	3.1	2.6	2.6	0.0	0.5	0.0	12.8	0.0		
3pm	3.1	2.6	2.6	0.0	0.5	0.0	13.3	0.0		
4pm	3.1	2.6	2.6	0.0	0.5	0.0	13.8	0.0		
5pm	3.1	2.6	2.6	0.0	0.5	0.0	14.3	0.0		
6pm	3.1	2.6	2.6	0.0	0.5	0.0	14.8	0.0		
7pm	3.1	2.6	2.6	0.0	0.5	0.0	15.3	0.0		
8pm	3.1	2.6	2.6	0.0	0.5	0.0	15.8	0.0		
9pm	3.1	2.6	2.6	0.0	0.5	0.0	16.3	0.0		
10pm	3.1	2.6	2.6	0.0	0.5	0.0	16.8	0.0		
11pm	3.1	2.6	2.6	0.0	0.5	0.0	17.3	0.0		
12pm		2.6	0.0	2.6	0.0	2.6	14.7	0.0		
Total	65.1	62.4	54.6	7.8	10.5	7.8		0.0		

Non-pump hour

Peak Power Hour

Fish Blackout Hour

Green River Pumping Plant and Pond Operation

Initial Phase (8,500 af/yr) Two-Pump Option

July 16-31

Units: Acre-feet

Hour	GR Pumping 37	Irrigation			Pond Operation				Peak Power	Fish
		Demand 970	From GR	Rem Dem	Inflow	From Pond	Content 30.0	Spill		
Input	3.1	2.5	2.5		0.6	0.0	12.0			
1am		2.5	0.0	2.5	0.0	2.5	9.5	0.0		
2am		2.5	0.0	2.5	0.0	2.5	7.0	0.0		
3am	3.1	2.5	2.5	0.0	0.6	0.0	7.6	0.0		
4am	3.1	2.5	2.5	0.0	0.6	0.0	8.2	0.0		
5am	3.1	2.5	2.5	0.0	0.6	0.0	8.8	0.0		
6am	3.1	2.5	2.5	0.0	0.6	0.0	9.4	0.0		
7am	3.1	2.5	2.5	0.0	0.6	0.0	10.0	0.0		
8am	3.1	2.5	2.5	0.0	0.6	0.0	10.6	0.0		
9am	3.1	2.5	2.5	0.0	0.6	0.0	11.2	0.0		
10am	3.1	2.5	2.5	0.0	0.6	0.0	11.8	0.0		
11am	3.1	2.5	2.5	0.0	0.6	0.0	12.4	0.0		
12 noon	3.1	2.5	2.5	0.0	0.6	0.0	13.0	0.0		
1pm	3.1	2.5	2.5	0.0	0.6	0.0	13.6	0.0		
2pm	3.1	2.5	2.5	0.0	0.6	0.0	14.2	0.0		
3pm	3.1	2.5	2.5	0.0	0.6	0.0	14.8	0.0		
4pm	3.1	2.5	2.5	0.0	0.6	0.0	15.4	0.0		
5pm	3.1	2.5	2.5	0.0	0.6	0.0	16.0	0.0		
6pm	3.1	2.5	2.5	0.0	0.6	0.0	16.6	0.0		
7pm	3.1	2.5	2.5	0.0	0.6	0.0	17.2	0.0		
8pm	3.1	2.5	2.5	0.0	0.6	0.0	17.8	0.0		
9pm	3.1	2.5	2.5	0.0	0.6	0.0	18.4	0.0		
10pm	3.1	2.5	2.5	0.0	0.6	0.0	19.0	0.0		
11pm		2.5	0.0	2.5	0.0	2.5	16.5	0.0		
12pm		2.5	0.0	2.5	0.0	2.5	14.0	0.0		
Total	62.0	60.0	50.0	10.0	12.0	10.0		0.0		

Non-pump hour

Peak Power Hour

Fish Blackout Hour

Green River Pumping Plant and Pond Operation

Initial Phase (8,500 af/yr) Two-Pump Option

August 1-15

Units: Acre-feet

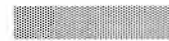
Hour	GR Pumping 37	Irrigation			Pond Operation				Peak Power	Fish
		Demand 960	From GR	Rem Dem	Inflow	From Pond	Content 30.0	Spill		
Input	3.1	2.5	2.5		0.6	0.0	12.0			
1am		2.5	0.0	2.5	0.0	2.5	9.5	0.0		
2am		2.5	0.0	2.5	0.0	2.5	7.0	0.0		
3am	3.1	2.5	2.5	0.0	0.6	0.0	7.6	0.0		
4am	3.1	2.5	2.5	0.0	0.6	0.0	8.2	0.0		
5am	3.1	2.5	2.5	0.0	0.6	0.0	8.8	0.0		
6am	3.1	2.5	2.5	0.0	0.6	0.0	9.4	0.0		
7am	3.1	2.5	2.5	0.0	0.6	0.0	10.0	0.0		
8am	3.1	2.5	2.5	0.0	0.6	0.0	10.6	0.0		
9am	3.1	2.5	2.5	0.0	0.6	0.0	11.2	0.0		
10am	3.1	2.5	2.5	0.0	0.6	0.0	11.8	0.0		
11am	3.1	2.5	2.5	0.0	0.6	0.0	12.4	0.0		
12 noon	3.1	2.5	2.5	0.0	0.6	0.0	13.0	0.0		
1pm	3.1	2.5	2.5	0.0	0.6	0.0	13.6	0.0		
2pm	3.1	2.5	2.5	0.0	0.6	0.0	14.2	0.0		
3pm	3.1	2.5	2.5	0.0	0.6	0.0	14.8	0.0		
4pm	3.1	2.5	2.5	0.0	0.6	0.0	15.4	0.0		
5pm	3.1	2.5	2.5	0.0	0.6	0.0	16.0	0.0		
6pm	3.1	2.5	2.5	0.0	0.6	0.0	16.6	0.0		
7pm	3.1	2.5	2.5	0.0	0.6	0.0	17.2	0.0		
8pm	3.1	2.5	2.5	0.0	0.6	0.0	17.8	0.0		
9pm	3.1	2.5	2.5	0.0	0.6	0.0	18.4	0.0		
10pm	3.1	2.5	2.5	0.0	0.6	0.0	19.0	0.0		
11pm		2.5	0.0	2.5	0.0	2.5	16.5	0.0		
12pm		2.5	0.0	2.5	0.0	2.5	14.0	0.0		
Total	62.0	60.0	50.0	10.0	12.0	10.0		0.0		



Non-pump hour



Peak Power Hour



Fish Blackout Hour

Green River Pumping Plant and Pond Operation

Initial Phase (8,500 af/yr) Two-Pump Option

August 16-31

Units: Acre-feet

Hour	GR Pumping 37	Irrigation			Pond Operation				Peak Power	Fish
		Demand 901	From GR	Rem Dem	Inflow	From Pond	Content 30.0	Spill		
Input	3.1	2.3	2.3		0.8	0.0	12.0			
1am		2.3	0.0	2.3	0.0	2.3	9.7	0.0		
2am		2.3	0.0	2.3	0.0	2.3	7.4	0.0		
3am		2.3	0.0	2.3	0.0	2.3	5.1	0.0		
4am		2.3	0.0	2.3	0.0	2.3	2.8	0.0		
5am	3.1	2.3	2.3	0.0	0.8	0.0	3.6	0.0		
6am	3.1	2.3	2.3	0.0	0.8	0.0	4.4	0.0		
7am	3.1	2.3	2.3	0.0	0.8	0.0	5.2	0.0		
8am	3.1	2.3	2.3	0.0	0.8	0.0	6.0	0.0		
9am	3.1	2.3	2.3	0.0	0.8	0.0	6.8	0.0		
10am	3.1	2.3	2.3	0.0	0.8	0.0	7.6	0.0		
11am	3.1	2.3	2.3	0.0	0.8	0.0	8.4	0.0		
12 noon	3.1	2.3	2.3	0.0	0.8	0.0	9.2	0.0		
1pm	3.1	2.3	2.3	0.0	0.8	0.0	10.0	0.0		
2pm	3.1	2.3	2.3	0.0	0.8	0.0	10.8	0.0		
3pm	3.1	2.3	2.3	0.0	0.8	0.0	11.6	0.0		
4pm	3.1	2.3	2.3	0.0	0.8	0.0	12.4	0.0		
5pm	3.1	2.3	2.3	0.0	0.8	0.0	13.2	0.0		
6pm	3.1	2.3	2.3	0.0	0.8	0.0	14.0	0.0		
7pm	3.1	2.3	2.3	0.0	0.8	0.0	14.8	0.0		
8pm	3.1	2.3	2.3	0.0	0.8	0.0	15.6	0.0		
9pm	3.1	2.3	2.3	0.0	0.8	0.0	16.4	0.0		
10pm	3.1	2.3	2.3	0.0	0.8	0.0	17.2	0.0		
11pm		2.3	0.0	2.3	0.0	2.3	14.9	0.0		
12pm		2.3	0.0	2.3	0.0	2.3	12.6	0.0		
Total	55.8	55.2	41.4	13.8	14.4	13.8		0.0		

Non-pump hour

Peak Power Hour

Pump durir Pump during "Fish Blackout"

Green River Pumping Plant and Pond Operation

Initial Phase (8,500 af/yr) Two-Pump Option

September 1-15

Units: Acre-feet

Hour	GR Pumping 20	Irrigation			Pond Operation				Peak Power	Fish
		Demand 799	From GR	Rem Dem	Inflow	From Pond	Content 30.0	Spill		
Input	1.7	2.2	1.7		0.0	0.5	12.0			
1am	1.7	2.2	1.7	0.5	0.0	0.5	11.5	0.0		
2am	1.7	2.2	1.7	0.5	0.0	0.5	11.0	0.0		
3am	1.7	2.2	1.7	0.5	0.0	0.5	10.5	0.0		
4am	1.7	2.2	1.7	0.5	0.0	0.5	10.0	0.0		
5am	3.1	2.2	2.2	0.0	0.9	0.0	10.9	0.0		
6am	3.1	2.2	2.2	0.0	0.9	0.0	11.8	0.0		
7am	3.1	2.2	2.2	0.0	0.9	0.0	12.7	0.0		
8am	3.1	2.2	2.2	0.0	0.9	0.0	13.6	0.0		
9am	3.1	2.2	2.2	0.0	0.9	0.0	14.5	0.0		
10am	3.1	2.2	2.2	0.0	0.9	0.0	15.4	0.0		
11am	3.1	2.2	2.2	0.0	0.9	0.0	16.3	0.0		
12 noon	3.1	2.2	2.2	0.0	0.9	0.0	17.2	0.0		
1pm	3.1	2.2	2.2	0.0	0.9	0.0	18.1	0.0		
2pm	1.7	2.2	1.7	0.5	0.0	0.5	17.6	0.0		
3pm	1.7	2.2	1.7	0.5	0.0	0.5	17.1	0.0		
4pm	1.7	2.2	1.7	0.5	0.0	0.5	16.6	0.0		
5pm	1.7	2.2	1.7	0.5	0.0	0.5	16.1	0.0		
6pm	1.7	2.2	1.7	0.5	0.0	0.5	15.6	0.0		
7pm	1.7	2.2	1.7	0.5	0.0	0.5	15.1	0.0		
8pm	1.7	2.2	1.7	0.5	0.0	0.5	14.6	0.0		
9pm	1.7	2.2	1.7	0.5	0.0	0.5	14.1	0.0		
10pm	1.7	2.2	1.7	0.5	0.0	0.5	13.6	0.0		
11pm	1.7	2.2	1.7	0.5	0.0	0.5	13.1	0.0		
12pm	1.7	2.2	1.7	0.5	0.0	0.5	12.6	0.0		
Total	53.4	52.8	45.3	7.5	8.1	7.5		0.0		

Non-pump hour

Peak Power Hour

Fish Blackout Hour

Green River Pumping Plant and Pond Operation

Initial Phase (8,500 af/yr) Two-Pump Option

September 16-30

Units: Acre-feet

Hour	GR Pumping 20	Irrigation			Pond Operation				Peak Power	Fish
		Demand 680	From GR	Rem Dem	Inflow	From Pond	Content 30.0	Spill		
Input	1.7	1.9	1.7		0.0	0.2	12.0			
1am	1.7	1.9	1.7	0.2	0.0	0.2	11.8	0.0		
2am	1.7	1.9	1.7	0.2	0.0	0.2	11.6	0.0		
3am	1.7	1.9	1.7	0.2	0.0	0.2	11.4	0.0		
4am	1.7	1.9	1.7	0.2	0.0	0.2	11.2	0.0		
5am	3.1	1.9	1.9	0.0	1.2	0.0	12.4	0.0		
6am	3.1	1.9	1.9	0.0	1.2	0.0	13.6	0.0		
7am	3.1	1.9	1.9	0.0	1.2	0.0	14.8	0.0		
8am	3.1	1.9	1.9	0.0	1.2	0.0	16.0	0.0		
9am	1.7	1.9	1.7	0.2	0.0	0.2	15.8	0.0		
10am	1.7	1.9	1.7	0.2	0.0	0.2	15.6	0.0		
11am	1.7	1.9	1.7	0.2	0.0	0.2	15.4	0.0		
12 noon	1.7	1.9	1.7	0.2	0.0	0.2	15.2	0.0		
1pm	1.7	1.9	1.7	0.2	0.0	0.2	15.0	0.0		
2pm	1.7	1.9	1.7	0.2	0.0	0.2	14.8	0.0		
3pm	1.7	1.9	1.7	0.2	0.0	0.2	14.6	0.0		
4pm	1.7	1.9	1.7	0.2	0.0	0.2	14.4	0.0		
5pm	1.7	1.9	1.7	0.2	0.0	0.2	14.2	0.0		
6pm	1.7	1.9	1.7	0.2	0.0	0.2	14.0	0.0		
7pm	1.7	1.9	1.7	0.2	0.0	0.2	13.8	0.0		
8pm	1.7	1.9	1.7	0.2	0.0	0.2	13.6	0.0		
9pm	1.7	1.9	1.7	0.2	0.0	0.2	13.4	0.0		
10pm	1.7	1.9	1.7	0.2	0.0	0.2	13.2	0.0		
11pm	1.7	1.9	1.7	0.2	0.0	0.2	13.0	0.0		
12pm	1.7	1.9	1.7	0.2	0.0	0.2	12.8	0.0		
Total	46.4	45.6	41.6	4.0	4.8	4.0		0.0		

Non-pump hour

Peak Power Hour

Fish Blackout Hour

Green River Pumping Plant and Pond Operation

Initial Phase (8,500 af/yr) Two-Pump Option

October 1-15

Units: Acre-feet

Hour	GR Pumping 20	Irrigation			Pond Operation				Peak Power	Fish
		Demand	From GR	Rem Dem	Inflow	From Pond	Content	Spill		
		519								
Input	1.7	1.4	1.4		0.3	0.0	12.0			
1am		1.4	0.0	1.4	0.0	1.4	10.6	0.0		
2am		1.4	0.0	1.4	0.0	1.4	9.2	0.0		
3am		1.4	0.0	1.4	0.0	1.4	7.8	0.0		
4am	1.7	1.4	1.4	0.0	0.3	0.0	8.1	0.0		
5am	1.7	1.4	1.4	0.0	0.3	0.0	8.4	0.0		
6am	1.7	1.4	1.4	0.0	0.3	0.0	8.7	0.0		
7am	1.7	1.4	1.4	0.0	0.3	0.0	9.0	0.0		
8am	1.7	1.4	1.4	0.0	0.3	0.0	9.3	0.0		
9am	1.7	1.4	1.4	0.0	0.3	0.0	9.6	0.0		
10am	1.7	1.4	1.4	0.0	0.3	0.0	9.9	0.0		
11am	1.7	1.4	1.4	0.0	0.3	0.0	10.2	0.0		
12 noon	1.7	1.4	1.4	0.0	0.3	0.0	10.5	0.0		
1pm	1.7	1.4	1.4	0.0	0.3	0.0	10.8	0.0		
2pm	1.7	1.4	1.4	0.0	0.3	0.0	11.1	0.0		
3pm	1.7	1.4	1.4	0.0	0.3	0.0	11.4	0.0		
4pm	1.7	1.4	1.4	0.0	0.3	0.0	11.7	0.0		
5pm	1.7	1.4	1.4	0.0	0.3	0.0	12.0	0.0		
6pm	1.7	1.4	1.4	0.0	0.3	0.0	12.3	0.0		
7pm	1.7	1.4	1.4	0.0	0.3	0.0	12.6	0.0		
8pm	1.7	1.4	1.4	0.0	0.3	0.0	12.9	0.0		
9pm	1.7	1.4	1.4	0.0	0.3	0.0	13.2	0.0		
10pm	1.7	1.4	1.4	0.0	0.3	0.0	13.5	0.0		
11pm	1.7	1.4	1.4	0.0	0.3	0.0	13.8	0.0		
12pm		1.4	0.0	1.4	0.0	1.4	12.4	0.0		
Total	34.0	33.6	28.0	5.6	6.0	5.6		0.0		

Non-pump hour

Peak Power Hour

Fish Blackout Hour

Pump Operation

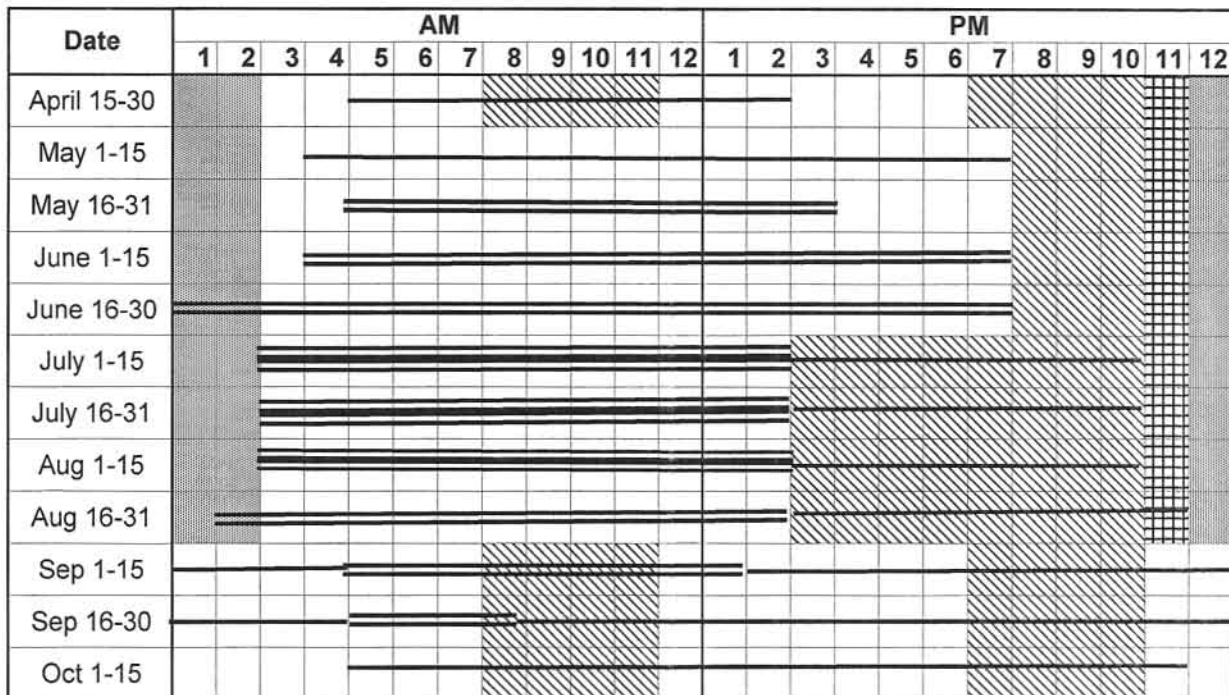
Initial Phase – 8,500 af/yr

Three Pumps

Green River Pumping Plant

Pump Operation Hours

Initial Phase (8,500 af/yr) - Three Pump Option



Fish Blackout Hours



Peak Power Hours



Peak Power & Fish Blackout Hour



Three Pumps



Two Pumps



One Pump

Green River Pumping Plant and Pond Operation

Initial Phase (8,500 af/yr) Three-Pump Option

April 15-30

Units: Acre-feet

Hour	GR Pumping 20	Irrigation			Pond Operation				Peak Power	Fish
		Demand 238	From GR	Rem Dem	Inflow	From Pond	Content 30.0	Spill		
Input	1.7	0.7	0.7		1.0	0.0	12.0			
1am		0.7	0.0	0.7	0.0	0.7	11.3	0.0		
2am		0.7	0.0	0.7	0.0	0.7	10.6	0.0		
3am		0.7	0.0	0.7	0.0	0.7	9.9	0.0		
4am		0.7	0.0	0.7	0.0	0.7	9.2	0.0		
5am	1.7	0.7	0.7	0.0	1.0	0.0	10.2	0.0		
6am	1.7	0.7	0.7	0.0	1.0	0.0	11.2	0.0		
7am	1.7	0.7	0.7	0.0	1.0	0.0	12.2	0.0		
8am	1.7	0.7	0.7	0.0	1.0	0.0	13.2	0.0		
9am	1.7	0.7	0.7	0.0	1.0	0.0	14.2	0.0		
10am	1.7	0.7	0.7	0.0	1.0	0.0	15.2	0.0		
11am	1.7	0.7	0.7	0.0	1.0	0.0	16.2	0.0		
12 noon	1.7	0.7	0.7	0.0	1.0	0.0	17.2	0.0		
1pm	1.7	0.7	0.7	0.0	1.0	0.0	18.2	0.0		
2pm	1.7	0.7	0.7	0.0	1.0	0.0	19.2	0.0		
3pm		0.7	0.0	0.7	0.0	0.7	18.5	0.0		
4pm		0.7	0.0	0.7	0.0	0.7	17.8	0.0		
5pm		0.7	0.0	0.7	0.0	0.7	17.1	0.0		
6pm		0.7	0.0	0.7	0.0	0.7	16.4	0.0		
7pm		0.7	0.0	0.7	0.0	0.7	15.7	0.0		
8pm		0.7	0.0	0.7	0.0	0.7	15.0	0.0		
9pm		0.7	0.0	0.7	0.0	0.7	14.3	0.0		
10pm		0.7	0.0	0.7	0.0	0.7	13.6	0.0		
11pm		0.7	0.0	0.7	0.0	0.7	12.9	0.0		
12pm		0.7	0.0	0.7	0.0	0.7	12.2	0.0		
Total	17.0	16.8	7.0	9.8	10.0	9.8		0.0		

Non-pump hour

Peak Power Hour

Fish Blackout Hour

Green River Pumping Plant and Pond Operation

Initial Phase (8,500 af/yr) Three-Pump Option

May 1-15

Units: Acre-feet

Hour	GR Pumping 20	Irrigation			Pond Operation				Peak Power	Fish
		Demand 391	From GR	Rem Dem	Inflow	From Pond	Content 30.0	Spill		
Input	1.7	1.1	1.1		0.6	0.0	12.0			
1am		1.1	0.0	1.1	0.0	1.1	10.9	0.0		
2am		1.1	0.0	1.1	0.0	1.1	9.8	0.0		
3am		1.1	0.0	1.1	0.0	1.1	8.7	0.0		
4am	1.7	1.1	1.1	0.0	0.6	0.0	9.3	0.0		
5am	1.7	1.1	1.1	0.0	0.6	0.0	9.9	0.0		
6am	1.7	1.1	1.1	0.0	0.6	0.0	10.5	0.0		
7am	1.7	1.1	1.1	0.0	0.6	0.0	11.1	0.0		
8am	1.7	1.1	1.1	0.0	0.6	0.0	11.7	0.0		
9am	1.7	1.1	1.1	0.0	0.6	0.0	12.3	0.0		
10am	1.7	1.1	1.1	0.0	0.6	0.0	12.9	0.0		
11am	1.7	1.1	1.1	0.0	0.6	0.0	13.5	0.0		
12 noon	1.7	1.1	1.1	0.0	0.6	0.0	14.1	0.0		
1pm	1.7	1.1	1.1	0.0	0.6	0.0	14.7	0.0		
2pm	1.7	1.1	1.1	0.0	0.6	0.0	15.3	0.0		
3pm	1.7	1.1	1.1	0.0	0.6	0.0	15.9	0.0		
4pm	1.7	1.1	1.1	0.0	0.6	0.0	16.5	0.0		
5pm	1.7	1.1	1.1	0.0	0.6	0.0	17.1	0.0		
6pm	1.7	1.1	1.1	0.0	0.6	0.0	17.7	0.0		
7pm	1.7	1.1	1.1	0.0	0.6	0.0	18.3	0.0		
8pm		1.1	0.0	1.1	0.0	1.1	17.2	0.0		
9pm		1.1	0.0	1.1	0.0	1.1	16.1	0.0		
10pm		1.1	0.0	1.1	0.0	1.1	15.0	0.0		
11pm		1.1	0.0	1.1	0.0	1.1	13.9	0.0		
12pm		1.1	0.0	1.1	0.0	1.1	12.8	0.0		
Total	27.2	26.4	17.6	8.8	9.6	8.8		0.0		

Non-pump hour

Peak Power Hour

Fish Blackout Hour

Green River Pumping Plant and Pond Operation

Initial Phase (8,500 af/yr) Three-Pump Option

May 16-31

Units: Acre-feet

Hour	GR Pumping 37	Irrigation			Pond Operation				Peak Power	Fish
		Demand 553	From GR	Rem Dem	Inflow	From Pond	Content 30.0	Spill		
Input	3.1	1.4	1.4		1.7	0.0	12.0			
1am		1.4	0.0	1.4	0.0	1.4	10.6	0.0		
2am		1.4	0.0	1.4	0.0	1.4	9.2	0.0		
3am		1.4	0.0	1.4	0.0	1.4	7.8	0.0		
4am		1.4	0.0	1.4	0.0	1.4	6.4	0.0		
5am	3.1	1.4	1.4	0.0	1.7	0.0	8.1	0.0		
6am	3.1	1.4	1.4	0.0	1.7	0.0	9.8	0.0		
7am	3.1	1.4	1.4	0.0	1.7	0.0	11.5	0.0		
8am	3.1	1.4	1.4	0.0	1.7	0.0	13.2	0.0		
9am	3.1	1.4	1.4	0.0	1.7	0.0	14.9	0.0		
10am	3.1	1.4	1.4	0.0	1.7	0.0	16.6	0.0		
11am	3.1	1.4	1.4	0.0	1.7	0.0	18.3	0.0		
12 noon	3.1	1.4	1.4	0.0	1.7	0.0	20.0	0.0		
1pm	3.1	1.4	1.4	0.0	1.7	0.0	21.7	0.0		
2pm	3.1	1.4	1.4	0.0	1.7	0.0	23.4	0.0		
3pm	3.1	1.4	1.4	0.0	1.7	0.0	25.1	0.0		
4pm		1.4	0.0	1.4	0.0	1.4	23.7	0.0		
5pm		1.4	0.0	1.4	0.0	1.4	22.3	0.0		
6pm		1.4	0.0	1.4	0.0	1.4	20.9	0.0		
7pm		1.4	0.0	1.4	0.0	1.4	19.5	0.0		
8pm		1.4	0.0	1.4	0.0	1.4	18.1	0.0		
9pm		1.4	0.0	1.4	0.0	1.4	16.7	0.0		
10pm		1.4	0.0	1.4	0.0	1.4	15.3	0.0		
11pm		1.4	0.0	1.4	0.0	1.4	13.9	0.0		
12pm		1.4	0.0	1.4	0.0	1.4	12.5	0.0		
Total	34.1	33.6	15.4	18.2	18.7	18.2		0.0		

Non-pump hour

Peak Power Hour

Fish Blackout Hour

Green River Pumping Plant and Pond Operation

Initial Phase (8,500 af/yr) Three-Pump Option

June 1-15

Units: Acre-feet

Hour	GR Pumping 37	Irrigation			Pond Operation				Peak Power	Fish
		Demand	From GR	Rem Dem	Inflow	From Pond	Content	Spill		
		731								
Input	3.1	2.0	2.0		1.1	0.0	12.0			
1am		2.0	0.0	2.0	0.0	2.0	10.0	0.0		
2am		2.0	0.0	2.0	0.0	2.0	8.0	0.0		
3am		2.0	0.0	2.0	0.0	2.0	6.0	0.0		
4am	3.1	2.0	2.0	0.0	1.1	0.0	7.1	0.0		
5am	3.1	2.0	2.0	0.0	1.1	0.0	8.2	0.0		
6am	3.1	2.0	2.0	0.0	1.1	0.0	9.3	0.0		
7am	3.1	2.0	2.0	0.0	1.1	0.0	10.4	0.0		
8am	3.1	2.0	2.0	0.0	1.1	0.0	11.5	0.0		
9am	3.1	2.0	2.0	0.0	1.1	0.0	12.6	0.0		
10am	3.1	2.0	2.0	0.0	1.1	0.0	13.7	0.0		
11am	3.1	2.0	2.0	0.0	1.1	0.0	14.8	0.0		
12 noon	3.1	2.0	2.0	0.0	1.1	0.0	15.9	0.0		
1pm	3.1	2.0	2.0	0.0	1.1	0.0	17.0	0.0		
2pm	3.1	2.0	2.0	0.0	1.1	0.0	18.1	0.0		
3pm	3.1	2.0	2.0	0.0	1.1	0.0	19.2	0.0		
4pm	3.1	2.0	2.0	0.0	1.1	0.0	20.3	0.0		
5pm	3.1	2.0	2.0	0.0	1.1	0.0	21.4	0.0		
6pm	3.1	2.0	2.0	0.0	1.1	0.0	22.5	0.0		
7pm	3.1	2.0	2.0	0.0	1.1	0.0	23.6	0.0		
8pm		2.0	0.0	2.0	0.0	2.0	21.6	0.0		
9pm		2.0	0.0	2.0	0.0	2.0	19.6	0.0		
10pm		2.0	0.0	2.0	0.0	2.0	17.6	0.0		
11pm		2.0	0.0	2.0	0.0	2.0	15.6	0.0		
12pm		2.0	0.0	2.0	0.0	2.0	13.6	0.0		
Total	49.6	48.0	32.0	16.0	17.6	16.0		0.0		

Non-pump hour

Peak Power Hour

Fish Blackout Hour

Green River Pumping Plant and Pond Operation

Initial Phase (8,500 af/yr) Three-Pump Option

June 16-30

Units: Acre-feet

Hour	GR Pumping 37	Irrigation			Pond Operation				Peak Power	Fish
		Demand 850	From GR	Rem Dem	Inflow	From Pond	Content 30.0	Spill		
Input	3.1	2.4	2.4		0.7	0.0	12.0			
1am	3.1	2.4	2.4	0.0	0.7	0.0	12.7	0.0		
2am	3.1	2.4	2.4	0.0	0.7	0.0	13.4	0.0		
3am	3.1	2.4	2.4	0.0	0.7	0.0	14.1	0.0		
4am	3.1	2.4	2.4	0.0	0.7	0.0	14.8	0.0		
5am	3.1	2.4	2.4	0.0	0.7	0.0	15.5	0.0		
6am	3.1	2.4	2.4	0.0	0.7	0.0	16.2	0.0		
7am	3.1	2.4	2.4	0.0	0.7	0.0	16.9	0.0		
8am	3.1	2.4	2.4	0.0	0.7	0.0	17.6	0.0		
9am	3.1	2.4	2.4	0.0	0.7	0.0	18.3	0.0		
10am	3.1	2.4	2.4	0.0	0.7	0.0	19.0	0.0		
11am	3.1	2.4	2.4	0.0	0.7	0.0	19.7	0.0		
12 noon	3.1	2.4	2.4	0.0	0.7	0.0	20.4	0.0		
1pm	3.1	2.4	2.4	0.0	0.7	0.0	21.1	0.0		
2pm	3.1	2.4	2.4	0.0	0.7	0.0	21.8	0.0		
3pm	3.1	2.4	2.4	0.0	0.7	0.0	22.5	0.0		
4pm	3.1	2.4	2.4	0.0	0.7	0.0	23.2	0.0		
5pm	3.1	2.4	2.4	0.0	0.7	0.0	23.9	0.0		
6pm	3.1	2.4	2.4	0.0	0.7	0.0	24.6	0.0		
7pm	3.1	2.4	2.4	0.0	0.7	0.0	25.3	0.0		
8pm		2.4	0.0	2.4	0.0	2.4	22.9	0.0		
9pm		2.4	0.0	2.4	0.0	2.4	20.5	0.0		
10pm		2.4	0.0	2.4	0.0	2.4	18.1	0.0		
11pm		2.4	0.0	2.4	0.0	2.4	15.7	0.0		
12pm		2.4	0.0	2.4	0.0	2.4	13.3	0.0		
Total	58.9	57.6	45.6	12.0	13.3	12.0		0.0		

Non-pump hour

Peak Power Hour

Fish Blackout Hour

Green River Pumping Plant and Pond Operation

Initial Phase (8,500 af/yr) Three-Pump Option

July 1-15

Units: Acre-feet

Hour	GR Pumping 53	Irrigation			Pond Operation				Peak Power	Fish
		Demand 918	From GR	Rem Dem	Inflow	From Pond	Content 30.0	Spill		
Input	4.4	2.6	2.6		1.8	0.0	10.0			
1am		2.6	0.0	2.6	0.0	2.6	7.4	0.0		
2am		2.6	0.0	2.6	0.0	2.6	4.8	0.0		
3am	4.4	2.6	2.6	0.0	1.8	0.0	6.6	0.0		
4am	4.4	2.6	2.6	0.0	1.8	0.0	8.4	0.0		
5am	4.4	2.6	2.6	0.0	1.8	0.0	10.2	0.0		
6am	4.4	2.6	2.6	0.0	1.8	0.0	12.0	0.0		
7am	4.4	2.6	2.6	0.0	1.8	0.0	13.8	0.0		
8am	4.4	2.6	2.6	0.0	1.8	0.0	15.6	0.0		
9am	4.4	2.6	2.6	0.0	1.8	0.0	17.4	0.0		
10am	4.4	2.6	2.6	0.0	1.8	0.0	19.2	0.0		
11am	4.4	2.6	2.6	0.0	1.8	0.0	21.0	0.0		
12 noon	4.4	2.6	2.6	0.0	1.8	0.0	22.8	0.0		
1pm	4.4	2.6	2.6	0.0	1.8	0.0	24.6	0.0		
2pm	4.4	2.6	2.6	0.0	1.8	0.0	26.4	0.0		
3pm	1.7	2.6	1.7	0.9	0.0	0.9	25.5	0.0		
4pm	1.7	2.6	1.7	0.9	0.0	0.9	24.6	0.0		
5pm	1.7	2.6	1.7	0.9	0.0	0.9	23.7	0.0		
6pm	1.7	2.6	1.7	0.9	0.0	0.9	22.8	0.0		
7pm	1.7	2.6	1.7	0.9	0.0	0.9	21.9	0.0		
8pm	1.7	2.6	1.7	0.9	0.0	0.9	21.0	0.0		
9pm	1.7	2.6	1.7	0.9	0.0	0.9	20.1	0.0		
10pm	1.7	2.6	1.7	0.9	0.0	0.9	19.2	0.0		
11pm		2.6	0.0	2.6	0.0	2.6	16.6	0.0		
12pm		2.6	0.0	2.6	0.0	2.6	14.0	0.0		
Total	66.4	62.4	44.8	17.6	21.6	17.6		0.0		

Non-pump hour

Peak Power Hour

Fish Blackout Hour

Green River Pumping Plant and Pond Operation

Initial Phase (8,500 af/yr) Three-Pump Option

July 16-31

Units: Acre-feet

Hour	GR Pumping 53	Irrigation			Pond Operation				Peak Power	Fish
		Demand	From GR	Rem Dem	Inflow	From Pond	Content	Spill		
		960								
Input	4.4	2.7	2.7		1.7	0.0	12.0			
1am		2.7	0.0	2.7	0.0	2.7	9.3	0.0		
2am		2.7	0.0	2.7	0.0	2.7	6.6	0.0		
3am	4.4	2.7	2.7	0.0	1.7	0.0	8.3	0.0		
4am	4.4	2.7	2.7	0.0	1.7	0.0	10.0	0.0		
5am	4.4	2.7	2.7	0.0	1.7	0.0	11.7	0.0		
6am	4.4	2.7	2.7	0.0	1.7	0.0	13.4	0.0		
7am	4.4	2.7	2.7	0.0	1.7	0.0	15.1	0.0		
8am	4.4	2.7	2.7	0.0	1.7	0.0	16.8	0.0		
9am	4.4	2.7	2.7	0.0	1.7	0.0	18.5	0.0		
10am	4.4	2.7	2.7	0.0	1.7	0.0	20.2	0.0		
11am	4.4	2.7	2.7	0.0	1.7	0.0	21.9	0.0		
12 noon	4.4	2.7	2.7	0.0	1.7	0.0	23.6	0.0		
1pm	4.4	2.7	2.7	0.0	1.7	0.0	25.3	0.0		
2pm	4.4	2.7	2.7	0.0	1.7	0.0	27.0	0.0		
3pm	1.7	2.7	1.7	1.0	0.0	1.0	26.0	0.0		
4pm	1.7	2.7	1.7	1.0	0.0	1.0	25.0	0.0		
5pm	1.7	2.7	1.7	1.0	0.0	1.0	24.0	0.0		
6pm	1.7	2.7	1.7	1.0	0.0	1.0	23.0	0.0		
7pm	1.7	2.7	1.7	1.0	0.0	1.0	22.0	0.0		
8pm	1.7	2.7	1.7	1.0	0.0	1.0	21.0	0.0		
9pm	1.7	2.7	1.7	1.0	0.0	1.0	20.0	0.0		
10pm	1.7	2.7	1.7	1.0	0.0	1.0	19.0	0.0		
11pm		2.7	0.0	2.7	0.0	2.7	16.3	0.0		
12pm		2.7	0.0	2.7	0.0	2.7	13.6	0.0		
Total	66.4	64.8	46.0	18.8	20.4	18.8		0.0		

Non-pump hour

Peak Power Hour

Fish Blackout Hour

Green River Pumping Plant and Pond Operation

Initial Phase (8,500 af/yr) Three-Pump Option

August 1-15

Units: Acre-feet

Hour	GR Pumping 53	Irrigation			Pond Operation				Peak Power	Fish
		Demand	From GR	Rem Dem	Inflow	From Pond	Content 30.0	Spill		
		960								
Input	4.4	2.7	2.7		1.7	0.0	12.0			
1am		2.7	0.0	2.7	0.0	2.7	9.3	0.0		
2am		2.7	0.0	2.7	0.0	2.7	6.6	0.0		
3am	4.4	2.7	2.7	0.0	1.7	0.0	8.3	0.0		
4am	4.4	2.7	2.7	0.0	1.7	0.0	10.0	0.0		
5am	4.4	2.7	2.7	0.0	1.7	0.0	11.7	0.0		
6am	4.4	2.7	2.7	0.0	1.7	0.0	13.4	0.0		
7am	4.4	2.7	2.7	0.0	1.7	0.0	15.1	0.0		
8am	4.4	2.7	2.7	0.0	1.7	0.0	16.8	0.0		
9am	4.4	2.7	2.7	0.0	1.7	0.0	18.5	0.0		
10am	4.4	2.7	2.7	0.0	1.7	0.0	20.2	0.0		
11am	4.4	2.7	2.7	0.0	1.7	0.0	21.9	0.0		
12 noon	4.4	2.7	2.7	0.0	1.7	0.0	23.6	0.0		
1pm	4.4	2.7	2.7	0.0	1.7	0.0	25.3	0.0		
2pm	4.4	2.7	2.7	0.0	1.7	0.0	27.0	0.0		
3pm	1.7	2.7	1.7	1.0	0.0	1.0	26.0	0.0		
4pm	1.7	2.7	1.7	1.0	0.0	1.0	25.0	0.0		
5pm	1.7	2.7	1.7	1.0	0.0	1.0	24.0	0.0		
6pm	1.7	2.7	1.7	1.0	0.0	1.0	23.0	0.0		
7pm	1.7	2.7	1.7	1.0	0.0	1.0	22.0	0.0		
8pm	1.7	2.7	1.7	1.0	0.0	1.0	21.0	0.0		
9pm	1.7	2.7	1.7	1.0	0.0	1.0	20.0	0.0		
10pm	1.7	2.7	1.7	1.0	0.0	1.0	19.0	0.0		
11pm		2.7	0.0	2.7	0.0	2.7	16.3	0.0		
12pm		2.7	0.0	2.7	0.0	2.7	13.6	0.0		
Total	66.4	64.8	46.0	18.8	20.4	18.8		0.0		

Non-pump hour

Peak Power Hour

Fish Blackout Hour

Green River Pumping Plant and Pond Operation

Initial Phase (8,500 af/yr) Three-Pump Option

August 16-31

Units: Acre-feet

Hour	GR Pumping 20	Irrigation			Pond Operation				Peak Power	Fish
		Demand 901	From GR	Rem Dem	Inflow	From Pond	Content 30.0	Spill		
Input	1.7	2.3	1.7		0.0	0.6	12.0			
1am		2.3	0.0	2.3	0.0	2.3	9.7	0.0		
2am	3.1	2.3	2.3	0.0	0.8	0.0	10.5	0.0		
3am	3.1	2.3	2.3	0.0	0.8	0.0	11.3	0.0		
4am	3.1	2.3	2.3	0.0	0.8	0.0	12.1	0.0		
5am	3.1	2.3	2.3	0.0	0.8	0.0	12.9	0.0		
6am	3.1	2.3	2.3	0.0	0.8	0.0	13.7	0.0		
7am	3.1	2.3	2.3	0.0	0.8	0.0	14.5	0.0		
8am	3.1	2.3	2.3	0.0	0.8	0.0	15.3	0.0		
9am	3.1	2.3	2.3	0.0	0.8	0.0	16.1	0.0		
10am	3.1	2.3	2.3	0.0	0.8	0.0	16.9	0.0		
11am	3.1	2.3	2.3	0.0	0.8	0.0	17.7	0.0		
12 noon	3.1	2.3	2.3	0.0	0.8	0.0	18.5	0.0		
1pm	3.1	2.3	2.3	0.0	0.8	0.0	19.3	0.0		
2pm	3.1	2.3	2.3	0.0	0.8	0.0	20.1	0.0		
3pm	1.7	2.3	1.7	0.6	0.0	0.6	19.5	0.0		
4pm	1.7	2.3	1.7	0.6	0.0	0.6	18.9	0.0		
5pm	1.7	2.3	1.7	0.6	0.0	0.6	18.3	0.0		
6pm	1.7	2.3	1.7	0.6	0.0	0.6	17.7	0.0		
7pm	1.7	2.3	1.7	0.6	0.0	0.6	17.1	0.0		
8pm	1.7	2.3	1.7	0.6	0.0	0.6	16.5	0.0		
9pm	1.7	2.3	1.7	0.6	0.0	0.6	15.9	0.0		
10pm	1.7	2.3	1.7	0.6	0.0	0.6	15.3	0.0		
11pm	1.7	2.3	1.7	0.6	0.0	0.6	14.7	0.0		
12pm		2.3	0.0	2.3	0.0	2.3	12.4	0.0		
Total	55.6	55.2	45.2	10.0	10.4	10.0		0.0		

Non-pump hour

Peak Power Hour

Pump durir Pump during "Fish Blackout"

Green River Pumping Plant and Pond Operation

Initial Phase (8,500 af/yr) Three-Pump Option

September 1-15

Units: Acre-feet

Hour	GR Pumping 20	Irrigation			Pond Operation				Peak Power	Fish
		Demand 799	From GR	Rem Dem	Inflow	From Pond	Content 30.0	Spill		
Input	1.7	2.2	1.7		0.0	0.5	12.0			
1am	1.7	2.2	1.7	0.5	0.0	0.5	11.5	0.0		
2am	1.7	2.2	1.7	0.5	0.0	0.5	11.0	0.0		
3am	1.7	2.2	1.7	0.5	0.0	0.5	10.5	0.0		
4am	1.7	2.2	1.7	0.5	0.0	0.5	10.0	0.0		
5am	3.1	2.2	2.2	0.0	0.9	0.0	10.9	0.0		
6am	3.1	2.2	2.2	0.0	0.9	0.0	11.8	0.0		
7am	3.1	2.2	2.2	0.0	0.9	0.0	12.7	0.0		
8am	3.1	2.2	2.2	0.0	0.9	0.0	13.6	0.0		
9am	3.1	2.2	2.2	0.0	0.9	0.0	14.5	0.0		
10am	3.1	2.2	2.2	0.0	0.9	0.0	15.4	0.0		
11am	3.1	2.2	2.2	0.0	0.9	0.0	16.3	0.0		
12 noon	3.1	2.2	2.2	0.0	0.9	0.0	17.2	0.0		
1pm	3.1	2.2	2.2	0.0	0.9	0.0	18.1	0.0		
2pm	1.7	2.2	1.7	0.5	0.0	0.5	17.6	0.0		
3pm	1.7	2.2	1.7	0.5	0.0	0.5	17.1	0.0		
4pm	1.7	2.2	1.7	0.5	0.0	0.5	16.6	0.0		
5pm	1.7	2.2	1.7	0.5	0.0	0.5	16.1	0.0		
6pm	1.7	2.2	1.7	0.5	0.0	0.5	15.6	0.0		
7pm	1.7	2.2	1.7	0.5	0.0	0.5	15.1	0.0		
8pm	1.7	2.2	1.7	0.5	0.0	0.5	14.6	0.0		
9pm	1.7	2.2	1.7	0.5	0.0	0.5	14.1	0.0		
10pm	1.7	2.2	1.7	0.5	0.0	0.5	13.6	0.0		
11pm	1.7	2.2	1.7	0.5	0.0	0.5	13.1	0.0		
12pm	1.7	2.2	1.7	0.5	0.0	0.5	12.6	0.0		
Total	53.4	52.8	45.3	7.5	8.1	7.5		0.0		

Non-pump hour

Peak Power Hour

Fish Blackout Hour

Green River Pumping Plant and Pond Operation

Initial Phase (8,500 af/yr) Three-Pump Option

September 16-30

Units: Acre-feet

Hour	GR Pumping 20	Irrigation			Pond Operation				Peak Power	Fish
		Demand 680	From GR	Rem Dem	Inflow	From Pond	Content 30.0	Spill		
Input	1.7	1.9	1.7		0.0	0.2	12.0			
1am	1.7	1.9	1.7	0.2	0.0	0.2	11.8	0.0		
2am	1.7	1.9	1.7	0.2	0.0	0.2	11.6	0.0		
3am	1.7	1.9	1.7	0.2	0.0	0.2	11.4	0.0		
4am	1.7	1.9	1.7	0.2	0.0	0.2	11.2	0.0		
5am	3.1	1.9	1.9	0.0	1.2	0.0	12.4	0.0		
6am	3.1	1.9	1.9	0.0	1.2	0.0	13.6	0.0		
7am	3.1	1.9	1.9	0.0	1.2	0.0	14.8	0.0		
8am	3.1	1.9	1.9	0.0	1.2	0.0	16.0	0.0		
9am	1.7	1.9	1.7	0.2	0.0	0.2	15.8	0.0		
10am	1.7	1.9	1.7	0.2	0.0	0.2	15.6	0.0		
11am	1.7	1.9	1.7	0.2	0.0	0.2	15.4	0.0		
12 noon	1.7	1.9	1.7	0.2	0.0	0.2	15.2	0.0		
1pm	1.7	1.9	1.7	0.2	0.0	0.2	15.0	0.0		
2pm	1.7	1.9	1.7	0.2	0.0	0.2	14.8	0.0		
3pm	1.7	1.9	1.7	0.2	0.0	0.2	14.6	0.0		
4pm	1.7	1.9	1.7	0.2	0.0	0.2	14.4	0.0		
5pm	1.7	1.9	1.7	0.2	0.0	0.2	14.2	0.0		
6pm	1.7	1.9	1.7	0.2	0.0	0.2	14.0	0.0		
7pm	1.7	1.9	1.7	0.2	0.0	0.2	13.8	0.0		
8pm	1.7	1.9	1.7	0.2	0.0	0.2	13.6	0.0		
9pm	1.7	1.9	1.7	0.2	0.0	0.2	13.4	0.0		
10pm	1.7	1.9	1.7	0.2	0.0	0.2	13.2	0.0		
11pm	1.7	1.9	1.7	0.2	0.0	0.2	13.0	0.0		
12pm	1.7	1.9	1.7	0.2	0.0	0.2	12.8	0.0		
Total	46.4	45.6	41.6	4.0	4.8	4.0		0.0		

Non-pump hour



Peak Power Hour



Fish Blackout Hour

Green River Pumping Plant and Pond Operation

Initial Phase (8,500 af/yr) Three-Pump Option

October 1-15

Units: Acre-feet

Hour	GR Pumping 20	Irrigation			Pond Operation				Peak Power	Fish
		Demand	From GR	Rem Dem	Inflow	From Pond	Content 30.0	Spill		
		519								
Input	1.7	1.4	1.4		0.3	0.0	12.0			
1am		1.4	0.0	1.4	0.0	1.4	10.6	0.0		
2am		1.4	0.0	1.4	0.0	1.4	9.2	0.0		
3am		1.4	0.0	1.4	0.0	1.4	7.8	0.0		
4am	1.7	1.4	1.4	0.0	0.3	0.0	8.1	0.0		
5am	1.7	1.4	1.4	0.0	0.3	0.0	8.4	0.0		
6am	1.7	1.4	1.4	0.0	0.3	0.0	8.7	0.0		
7am	1.7	1.4	1.4	0.0	0.3	0.0	9.0	0.0		
8am	1.7	1.4	1.4	0.0	0.3	0.0	9.3	0.0		
9am	1.7	1.4	1.4	0.0	0.3	0.0	9.6	0.0		
10am	1.7	1.4	1.4	0.0	0.3	0.0	9.9	0.0		
11am	1.7	1.4	1.4	0.0	0.3	0.0	10.2	0.0		
12 noon	1.7	1.4	1.4	0.0	0.3	0.0	10.5	0.0		
1pm	1.7	1.4	1.4	0.0	0.3	0.0	10.8	0.0		
2pm	1.7	1.4	1.4	0.0	0.3	0.0	11.1	0.0		
3pm	1.7	1.4	1.4	0.0	0.3	0.0	11.4	0.0		
4pm	1.7	1.4	1.4	0.0	0.3	0.0	11.7	0.0		
5pm	1.7	1.4	1.4	0.0	0.3	0.0	12.0	0.0		
6pm	1.7	1.4	1.4	0.0	0.3	0.0	12.3	0.0		
7pm	1.7	1.4	1.4	0.0	0.3	0.0	12.6	0.0		
8pm	1.7	1.4	1.4	0.0	0.3	0.0	12.9	0.0		
9pm	1.7	1.4	1.4	0.0	0.3	0.0	13.2	0.0		
10pm	1.7	1.4	1.4	0.0	0.3	0.0	13.5	0.0		
11pm	1.7	1.4	1.4	0.0	0.3	0.0	13.8	0.0		
12pm		1.4	0.0	1.4	0.0	1.4	12.4	0.0		
Total	34.0	33.6	28.0	5.6	6.0	5.6		0.0		

Non-pump hour

Peak Power Hour

Fish Blackout Hour

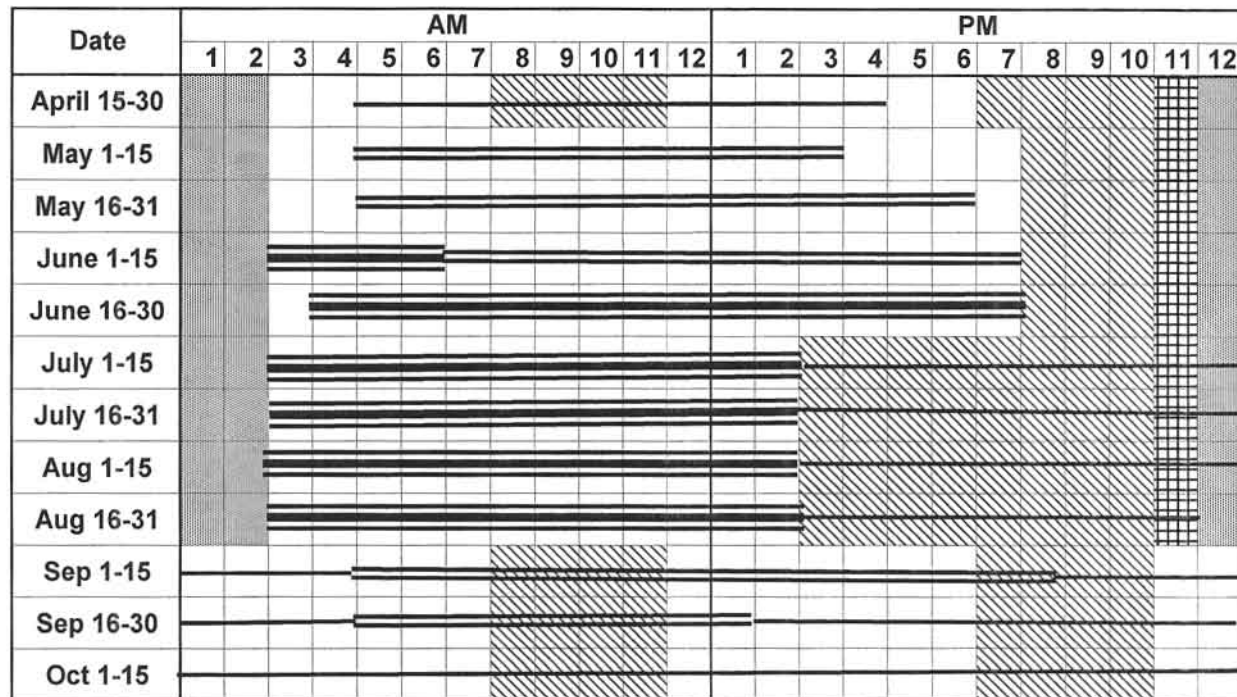
Pump Operation

Full Project – 10,000 af/yr

Three Pumps

Green River Pumping Plant

Pump Operation Hours
Full Phase (10,000 af/yr) - Three Pump Option



 Fish Blackout Hours
 Peak Power Hours


 Three Pumps
 Two Pumps

Green River Pumping Plant and Pond Operation

Full Phase (10,000 af/yr) Three-Pump Option

April 15-30

Units: Acre-feet

Hour	GR Pumping 20	Irrigation			Pond Operation				Peak Power	Fish
		Demand 280	From GR	Rem Dem	Inflow	From Pond	Content 30.0	Spill		
Input	1.7	0.8	0.8		0.9	0.0	12.0			
1am		0.8	0.0	0.8	0.0	0.8	11.2	0.0		
2am		0.8	0.0	0.8	0.0	0.8	10.4	0.0		
3am		0.8	0.0	0.8	0.0	0.8	9.6	0.0		
4am		0.8	0.0	0.8	0.0	0.8	8.8	0.0		
5am	1.7	0.8	0.8	0.0	0.9	0.0	9.7	0.0		
6am	1.7	0.8	0.8	0.0	0.9	0.0	10.6	0.0		
7am	1.7	0.8	0.8	0.0	0.9	0.0	11.5	0.0		
8am	1.7	0.8	0.8	0.0	0.9	0.0	12.4	0.0		
9am	1.7	0.8	0.8	0.0	0.9	0.0	13.3	0.0		
10am	1.7	0.8	0.8	0.0	0.9	0.0	14.2	0.0		
11am	1.7	0.8	0.8	0.0	0.9	0.0	15.1	0.0		
12 noon	1.7	0.8	0.8	0.0	0.9	0.0	16.0	0.0		
1pm	1.7	0.8	0.8	0.0	0.9	0.0	16.9	0.0		
2pm	1.7	0.8	0.8	0.0	0.9	0.0	17.8	0.0		
3pm	1.7	0.8	0.8	0.0	0.9	0.0	18.7	0.0		
4pm	1.7	0.8	0.8	0.0	0.9	0.0	19.6	0.0		
5pm		0.8	0.0	0.8	0.0	0.8	18.8	0.0		
6pm		0.8	0.0	0.8	0.0	0.8	18.0	0.0		
7pm		0.8	0.0	0.8	0.0	0.8	17.2	0.0		
8pm		0.8	0.0	0.8	0.0	0.8	16.4	0.0		
9pm		0.8	0.0	0.8	0.0	0.8	15.6	0.0		
10pm		0.8	0.0	0.8	0.0	0.8	14.8	0.0		
11pm		0.8	0.0	0.8	0.0	0.8	14.0	0.0		
12pm		0.8	0.0	0.8	0.0	0.8	13.2	0.0		
Total	20.4	19.2	9.6	9.6	10.8	9.6		0.0		

Non-pump hour

Peak Power Hour

Fish Blackout Hour

Green River Pumping Plant and Pond Operation

Full Phase (10,000 af/yr) Three-Pump Option

May 1-15

Units: Acre-feet

Hour	GR Pumping 37	Irrigation			Pond Operation				Peak Power	Fish
		Demand 460	From GR	Rem Dem	Inflow	From Pond	Content 30.0	Spill		
Input	3.1	1.3	1.3		1.8	0.0	12.0			
1am		1.3	0.0	1.3	0.0	1.3	10.7	0.0		
2am		1.3	0.0	1.3	0.0	1.3	9.4	0.0		
3am		1.3	0.0	1.3	0.0	1.3	8.1	0.0		
4am		1.3	0.0	1.3	0.0	1.3	6.8	0.0		
5am	3.1	1.3	1.3	0.0	1.8	0.0	8.6	0.0		
6am	3.1	1.3	1.3	0.0	1.8	0.0	10.4	0.0		
7am	3.1	1.3	1.3	0.0	1.8	0.0	12.2	0.0		
8am	3.1	1.3	1.3	0.0	1.8	0.0	14.0	0.0		
9am	3.1	1.3	1.3	0.0	1.8	0.0	15.8	0.0		
10am	3.1	1.3	1.3	0.0	1.8	0.0	17.6	0.0		
11am	3.1	1.3	1.3	0.0	1.8	0.0	19.4	0.0		
12 noon	3.1	1.3	1.3	0.0	1.8	0.0	21.2	0.0		
1pm	3.1	1.3	1.3	0.0	1.8	0.0	23.0	0.0		
2pm	3.1	1.3	1.3	0.0	1.8	0.0	24.8	0.0		
3pm	3.1	1.3	1.3	0.0	1.8	0.0	26.6	0.0		
4pm		1.3	0.0	1.3	0.0	1.3	25.3	0.0		
5pm		1.3	0.0	1.3	0.0	1.3	24.0	0.0		
6pm		1.3	0.0	1.3	0.0	1.3	22.7	0.0		
7pm		1.3	0.0	1.3	0.0	1.3	21.4	0.0		
8pm		1.3	0.0	1.3	0.0	1.3	20.1	0.0		
9pm		1.3	0.0	1.3	0.0	1.3	18.8	0.0		
10pm		1.3	0.0	1.3	0.0	1.3	17.5	0.0		
11pm		1.3	0.0	1.3	0.0	1.3	16.2	0.0		
12pm		1.3	0.0	1.3	0.0	1.3	14.9	0.0		
Total	34.1	31.2	14.3	16.9	19.8	16.9		0.0		

Non-pump hour

Peak Power Hour

Fish Blackout Hour

Green River Pumping Plant and Pond Operation

Full Phase (10,000 af/yr) Three-Pump Option

May 16-31

Units: Acre-feet

Hour	GR Pumping 37	Irrigation			Pond Operation				Peak Power	Fish
		Demand	From GR	Rem Dem	Inflow	From Pond	Content	Spill		
		650					30.0			
Input	3.1	1.7	1.7		1.4	0.0	12.0			
1am		1.7	0.0	1.7	0.0	1.7	10.3	0.0		
2am		1.7	0.0	1.7	0.0	1.7	8.6	0.0		
3am		1.7	0.0	1.7	0.0	1.7	6.9	0.0		
4am		1.7	0.0	1.7	0.0	1.7	5.2	0.0		
5am	3.1	1.7	1.7	0.0	1.4	0.0	6.6	0.0		
6am	3.1	1.7	1.7	0.0	1.4	0.0	8.0	0.0		
7am	3.1	1.7	1.7	0.0	1.4	0.0	9.4	0.0		
8am	3.1	1.7	1.7	0.0	1.4	0.0	10.8	0.0		
9am	3.1	1.7	1.7	0.0	1.4	0.0	12.2	0.0		
10am	3.1	1.7	1.7	0.0	1.4	0.0	13.6	0.0		
11am	3.1	1.7	1.7	0.0	1.4	0.0	15.0	0.0		
12 noon	3.1	1.7	1.7	0.0	1.4	0.0	16.4	0.0		
1pm	3.1	1.7	1.7	0.0	1.4	0.0	17.8	0.0		
2pm	3.1	1.7	1.7	0.0	1.4	0.0	19.2	0.0		
3pm	3.1	1.7	1.7	0.0	1.4	0.0	20.6	0.0		
4pm	3.1	1.7	1.7	0.0	1.4	0.0	22.0	0.0		
5pm	3.1	1.7	1.7	0.0	1.4	0.0	23.4	0.0		
6pm	3.1	1.7	1.7	0.0	1.4	0.0	24.8	0.0		
7pm		1.7	0.0	1.7	0.0	1.7	23.1	0.0		
8pm		1.7	0.0	1.7	0.0	1.7	21.4	0.0		
9pm		1.7	0.0	1.7	0.0	1.7	19.7	0.0		
10pm		1.7	0.0	1.7	0.0	1.7	18.0	0.0		
11pm		1.7	0.0	1.7	0.0	1.7	16.3	0.0		
12pm		1.7	0.0	1.7	0.0	1.7	14.6	0.0		
Total	43.4	40.8	23.8	17.0	19.6	17.0		0.0		

Non-pump hour

Peak Power Hour

Fish Blackout Hour

Green River Pumping Plant and Pond Operation

Full Phase (10,000 af/yr) Three-Pump Option

June 1-15

Units: Acre-feet

Hour	GR Pumping 37	Irrigation			Pond Operation				Peak Power	Fish
		Demand	From GR	Rem Dem	Inflow	From Pond	Content	Spill		
		860								
Input	3.1	2.4	2.4		0.7	0.0	12.0			
1am		2.4	0.0	2.4	0.0	2.4	9.6	0.0		
2am		2.4	0.0	2.4	0.0	2.4	7.2	0.0		
3am	4.4	2.4	2.4	0.0	2.0	0.0	9.2	0.0		
4am	4.4	2.4	2.4	0.0	2.0	0.0	11.2	0.0		
5am	4.4	2.4	2.4	0.0	2.0	0.0	13.2	0.0		
6am	4.4	2.4	2.4	0.0	2.0	0.0	15.2	0.0		
7am	3.1	2.4	2.4	0.0	0.7	0.0	15.9	0.0		
8am	3.1	2.4	2.4	0.0	0.7	0.0	16.6	0.0		
9am	3.1	2.4	2.4	0.0	0.7	0.0	17.3	0.0		
10am	3.1	2.4	2.4	0.0	0.7	0.0	18.0	0.0		
11am	3.1	2.4	2.4	0.0	0.7	0.0	18.7	0.0		
12 noon	3.1	2.4	2.4	0.0	0.7	0.0	19.4	0.0		
1pm	3.1	2.4	2.4	0.0	0.7	0.0	20.1	0.0		
2pm	3.1	2.4	2.4	0.0	0.7	0.0	20.8	0.0		
3pm	3.1	2.4	2.4	0.0	0.7	0.0	21.5	0.0		
4pm	3.1	2.4	2.4	0.0	0.7	0.0	22.2	0.0		
5pm	3.1	2.4	2.4	0.0	0.7	0.0	22.9	0.0		
6pm	3.1	2.4	2.4	0.0	0.7	0.0	23.6	0.0		
7pm	3.1	2.4	2.4	0.0	0.7	0.0	24.3	0.0		
8pm		2.4	0.0	2.4	0.0	2.4	21.9	0.0		
9pm		2.4	0.0	2.4	0.0	2.4	19.5	0.0		
10pm		2.4	0.0	2.4	0.0	2.4	17.1	0.0		
11pm		2.4	0.0	2.4	0.0	2.4	14.7	0.0		
12pm		2.4	0.0	2.4	0.0	2.4	12.3	0.0		
Total	57.9	57.6	40.8	16.8	17.1	16.8		0.0		

Non-pump hour

Peak Power Hour

Fish Blackout Hour

Green River Pumping Plant and Pond Operation

Full Phase (10,000 af/yr) Three-Pump Option

June 16-30

Units: Acre-feet

Hour	GR Pumping 53	Irrigation			Pond Operation				Peak Power	Fish
		Demand 1000	From GR	Rem Dem	Inflow	From Pond	Content 30.0	Spill		
Input	4.4	2.8	2.8		1.6	0.0	12.0			
1am		2.8	0.0	2.8	0.0	2.8	9.2	0.0		
2am		2.8	0.0	2.8	0.0	2.8	6.4	0.0		
3am		2.8	0.0	2.8	0.0	2.8	3.6	0.0		
4am	4.4	2.8	2.8	0.0	1.6	0.0	5.2	0.0		
5am	4.4	2.8	2.8	0.0	1.6	0.0	6.8	0.0		
6am	4.4	2.8	2.8	0.0	1.6	0.0	8.4	0.0		
7am	4.4	2.8	2.8	0.0	1.6	0.0	10.0	0.0		
8am	4.4	2.8	2.8	0.0	1.6	0.0	11.6	0.0		
9am	4.4	2.8	2.8	0.0	1.6	0.0	13.2	0.0		
10am	4.4	2.8	2.8	0.0	1.6	0.0	14.8	0.0		
11am	4.4	2.8	2.8	0.0	1.6	0.0	16.4	0.0		
12 noon	4.4	2.8	2.8	0.0	1.6	0.0	18.0	0.0		
1pm	4.4	2.8	2.8	0.0	1.6	0.0	19.6	0.0		
2pm	4.4	2.8	2.8	0.0	1.6	0.0	21.2	0.0		
3pm	4.4	2.8	2.8	0.0	1.6	0.0	22.8	0.0		
4pm	4.4	2.8	2.8	0.0	1.6	0.0	24.4	0.0		
5pm	4.4	2.8	2.8	0.0	1.6	0.0	26.0	0.0		
6pm	4.4	2.8	2.8	0.0	1.6	0.0	27.6	0.0		
7pm	4.4	2.8	2.8	0.0	1.6	0.0	29.2	0.0		
8pm		2.8	0.0	2.8	0.0	2.8	26.4	0.0		
9pm		2.8	0.0	2.8	0.0	2.8	23.6	0.0		
10pm		2.8	0.0	2.8	0.0	2.8	20.8	0.0		
11pm		2.8	0.0	2.8	0.0	2.8	18.0	0.0		
12pm		2.8	0.0	2.8	0.0	2.8	15.2	0.0		
Total	70.4	67.2	44.8	22.4	25.6	22.4		0.0		

Non-pump hour

Peak Power Hour

Fish Blackout Hour

Green River Pumping Plant and Pond Operation

Full Phase (10,000 af/yr) Three-Pump Option

July 1-15

Units: Acre-feet

Hour	GR Pumping 53	Irrigation			Pond Operation				Peak Power	Fish
		Demand 1080	From GR	Rem Dem	Inflow	From Pond	Content 30.0	Spill		
Input	4.4	2.9	2.9		1.5	0.0	12.0			
1am		2.9	0.0	2.9	0.0	2.9	9.1	0.0		
2am		2.9	0.0	2.9	0.0	2.9	6.2	0.0		
3am	4.4	2.9	2.9	0.0	1.5	0.0	7.7	0.0		
4am	4.4	2.9	2.9	0.0	1.5	0.0	9.2	0.0		
5am	4.4	2.9	2.9	0.0	1.5	0.0	10.7	0.0		
6am	4.4	2.9	2.9	0.0	1.5	0.0	12.2	0.0		
7am	4.4	2.9	2.9	0.0	1.5	0.0	13.7	0.0		
8am	4.4	2.9	2.9	0.0	1.5	0.0	15.2	0.0		
9am	4.4	2.9	2.9	0.0	1.5	0.0	16.7	0.0		
10am	4.4	2.9	2.9	0.0	1.5	0.0	18.2	0.0		
11am	4.4	2.9	2.9	0.0	1.5	0.0	19.7	0.0		
12 noon	4.4	2.9	2.9	0.0	1.5	0.0	21.2	0.0		
1pm	4.4	2.9	2.9	0.0	1.5	0.0	22.7	0.0		
2pm	4.4	2.9	2.9	0.0	1.5	0.0	24.2	0.0		
3pm	1.7	2.9	1.7	1.2	0.0	1.2	23.0	0.0		
4pm	1.7	2.9	1.7	1.2	0.0	1.2	21.8	0.0		
5pm	1.7	2.9	1.7	1.2	0.0	1.2	20.6	0.0		
6pm	1.7	2.9	1.7	1.2	0.0	1.2	19.4	0.0		
7pm	1.7	2.9	1.7	1.2	0.0	1.2	18.2	0.0		
8pm	1.7	2.9	1.7	1.2	0.0	1.2	17.0	0.0		
9pm	1.7	2.9	1.7	1.2	0.0	1.2	15.8	0.0		
10pm	1.7	2.9	1.7	1.2	0.0	1.2	14.6	0.0		
11pm	1.7	2.9	1.7	1.2	0.0	1.2	13.4	0.0		
12pm	1.7	2.9	1.7	1.2	0.0	1.2	12.2	0.0		
Total	69.8	69.6	51.8	17.8	18.0	17.8		0.0		

Non-pump hour

Peak Power Hour

Fish Blackout Hour

Green River Pumping Plant and Pond Operation

Full Phase (10,000 af/yr) Three-Pump Option

July 16-31

Units: Acre-feet

Hour	GR Pumping 53	Irrigation			Pond Operation				Peak Power	Fish
		Demand 1130	From GR	Rem Dem	Inflow	From Pond	Content 30.0	Spill		
Input	4.4	2.9	2.9		1.5	0.0	12.0			
1am		2.9	0.0	2.9	0.0	2.9	9.1	0.0		
2am		2.9	0.0	2.9	0.0	2.9	6.2	0.0		
3am	4.4	2.9	2.9	0.0	1.5	0.0	7.7	0.0		
4am	4.4	2.9	2.9	0.0	1.5	0.0	9.2	0.0		
5am	4.4	2.9	2.9	0.0	1.5	0.0	10.7	0.0		
6am	4.4	2.9	2.9	0.0	1.5	0.0	12.2	0.0		
7am	4.4	2.9	2.9	0.0	1.5	0.0	13.7	0.0		
8am	4.4	2.9	2.9	0.0	1.5	0.0	15.2	0.0		
9am	4.4	2.9	2.9	0.0	1.5	0.0	16.7	0.0		
10am	4.4	2.9	2.9	0.0	1.5	0.0	18.2	0.0		
11am	4.4	2.9	2.9	0.0	1.5	0.0	19.7	0.0		
12 noon	4.4	2.9	2.9	0.0	1.5	0.0	21.2	0.0		
1pm	4.4	2.9	2.9	0.0	1.5	0.0	22.7	0.0		
2pm	4.4	2.9	2.9	0.0	1.5	0.0	24.2	0.0		
3pm	1.7	2.9	1.7	1.2	0.0	1.2	23.0	0.0		
4pm	1.7	2.9	1.7	1.2	0.0	1.2	21.8	0.0		
5pm	1.7	2.9	1.7	1.2	0.0	1.2	20.6	0.0		
6pm	1.7	2.9	1.7	1.2	0.0	1.2	19.4	0.0		
7pm	1.7	2.9	1.7	1.2	0.0	1.2	18.2	0.0		
8pm	1.7	2.9	1.7	1.2	0.0	1.2	17.0	0.0		
9pm	1.7	2.9	1.7	1.2	0.0	1.2	15.8	0.0		
10pm	1.7	2.9	1.7	1.2	0.0	1.2	14.6	0.0		
11pm	1.7	2.9	1.7	1.2	0.0	1.2	13.4	0.0		
12pm	1.7	2.9	1.7	1.2	0.0	1.2	12.2	0.0		
Total	69.8	69.6	51.8	17.8	18.0	17.8		0.0		

Non-pump hour

Peak Power Hour

Fish Blackout Hour

Green River Pumping Plant and Pond Operation

Full Phase (10,000 af/yr) Three-Pump Option

August 1-15

Units: Acre-feet

Hour	GR Pumping 53	Irrigation			Pond Operation				Peak Power	Fish
		Demand 1130	From GR	Rem Dem	Inflow	From Pond	Content 30.0	Spill		
Input	4.4	2.9	2.9		1.5	0.0	12.0			
1am		2.9	0.0	2.9	0.0	2.9	9.1	0.0		
2am		2.9	0.0	2.9	0.0	2.9	6.2	0.0		
3am	4.4	2.9	2.9	0.0	1.5	0.0	7.7	0.0		
4am	4.4	2.9	2.9	0.0	1.5	0.0	9.2	0.0		
5am	4.4	2.9	2.9	0.0	1.5	0.0	10.7	0.0		
6am	4.4	2.9	2.9	0.0	1.5	0.0	12.2	0.0		
7am	4.4	2.9	2.9	0.0	1.5	0.0	13.7	0.0		
8am	4.4	2.9	2.9	0.0	1.5	0.0	15.2	0.0		
9am	4.4	2.9	2.9	0.0	1.5	0.0	16.7	0.0		
10am	4.4	2.9	2.9	0.0	1.5	0.0	18.2	0.0		
11am	4.4	2.9	2.9	0.0	1.5	0.0	19.7	0.0		
12 noon	4.4	2.9	2.9	0.0	1.5	0.0	21.2	0.0		
1pm	4.4	2.9	2.9	0.0	1.5	0.0	22.7	0.0		
2pm	4.4	2.9	2.9	0.0	1.5	0.0	24.2	0.0		
3pm	1.7	2.9	1.7	1.2	0.0	1.2	23.0	0.0		
4pm	1.7	2.9	1.7	1.2	0.0	1.2	21.8	0.0		
5pm	1.7	2.9	1.7	1.2	0.0	1.2	20.6	0.0		
6pm	1.7	2.9	1.7	1.2	0.0	1.2	19.4	0.0		
7pm	1.7	2.9	1.7	1.2	0.0	1.2	18.2	0.0		
8pm	1.7	2.9	1.7	1.2	0.0	1.2	17.0	0.0		
9pm	1.7	2.9	1.7	1.2	0.0	1.2	15.8	0.0		
10pm	1.7	2.9	1.7	1.2	0.0	1.2	14.6	0.0		
11pm	1.7	2.9	1.7	1.2	0.0	1.2	13.4	0.0		
12pm	1.7	2.9	1.7	1.2	0.0	1.2	12.2	0.0		
Total	69.8	69.6	51.8	17.8	18.0	17.8		0.0		

Non-pump hour

Peak Power Hour

Fish Blackout Hour

Green River Pumping Plant and Pond Operation

Full Phase (10,000 af/yr) Three-Pump Option

August 16-31

Units: Acre-feet

Hour	GR Pumping 53	Irrigation			Pond Operation				Peak Power	Fish
		Demand 1060	From GR	Rem Dem	Inflow	From Pond	Content 30.0	Spill		
Input	4.4	2.8	2.8		1.6	0.0	12.0			
1am		2.8	0.0	2.8	0.0	2.8	9.2	0.0		
2am		2.8	0.0	2.8	0.0	2.8	6.4	0.0		
3am	4.4	2.8	2.8	0.0	1.6	0.0	8.0	0.0		
4am	4.4	2.8	2.8	0.0	1.6	0.0	9.6	0.0		
5am	4.4	2.8	2.8	0.0	1.6	0.0	11.2	0.0		
6am	4.4	2.8	2.8	0.0	1.6	0.0	12.8	0.0		
7am	4.4	2.8	2.8	0.0	1.6	0.0	14.4	0.0		
8am	4.4	2.8	2.8	0.0	1.6	0.0	16.0	0.0		
9am	4.4	2.8	2.8	0.0	1.6	0.0	17.6	0.0		
10am	4.4	2.8	2.8	0.0	1.6	0.0	19.2	0.0		
11am	4.4	2.8	2.8	0.0	1.6	0.0	20.8	0.0		
12 noon	4.4	2.8	2.8	0.0	1.6	0.0	22.4	0.0		
1pm	4.4	2.8	2.8	0.0	1.6	0.0	24.0	0.0		
2pm	4.4	2.8	2.8	0.0	1.6	0.0	25.6	0.0		
3pm	1.7	2.8	1.7	1.1	0.0	1.1	24.5	0.0		
4pm	1.7	2.8	1.7	1.1	0.0	1.1	23.4	0.0		
5pm	1.7	2.8	1.7	1.1	0.0	1.1	22.3	0.0		
6pm	1.7	2.8	1.7	1.1	0.0	1.1	21.2	0.0		
7pm	1.7	2.8	1.7	1.1	0.0	1.1	20.1	0.0		
8pm	1.7	2.8	1.7	1.1	0.0	1.1	19.0	0.0		
9pm	1.7	2.8	1.7	1.1	0.0	1.1	17.9	0.0		
10pm	1.7	2.8	1.7	1.1	0.0	1.1	16.8	0.0		
11pm	1.7	2.8	1.7	1.1	0.0	1.1	15.7	0.0		
12pm		2.8	0.0	2.8	0.0	2.8	12.9	0.0		
Total	68.1	67.2	48.9	18.3	19.2	18.3		0.0		

Non-pump hour

Peak Power Hour

Fish Blackout Hour

Green River Pumping Plant and Pond Operation

Full Phase (10,000 af/yr) Three-Pump Option

September 1-15

Units: Acre-feet

Hour	GR Pumping 37	Irrigation			Pond Operation				Peak Power	Fish
		Demand	From GR	Rem Dem	Inflow	From Pond	Content 30.0	Spill		
		940								
Input	3.1	2.6	2.6		0.5	0.0	12.0			
1am	1.7	2.6	1.7	0.9	0.0	0.9	11.1	0.0		
2am	1.7	2.6	1.7	0.9	0.0	0.9	10.2	0.0		
3am	1.7	2.6	1.7	0.9	0.0	0.9	9.3	0.0		
4am	1.7	2.6	1.7	0.9	0.0	0.9	8.4	0.0		
5am	3.1	2.6	2.6	0.0	0.5	0.0	8.9	0.0		
6am	3.1	2.6	2.6	0.0	0.5	0.0	9.4	0.0		
7am	3.1	2.6	2.6	0.0	0.5	0.0	9.9	0.0		
8am	3.1	2.6	2.6	0.0	0.5	0.0	10.4	0.0		
9am	3.1	2.6	2.6	0.0	0.5	0.0	10.9	0.0		
10am	3.1	2.6	2.6	0.0	0.5	0.0	11.4	0.0		
11am	3.1	2.6	2.6	0.0	0.5	0.0	11.9	0.0		
12 noon	3.1	2.6	2.6	0.0	0.5	0.0	12.4	0.0		
1pm	3.1	2.6	2.6	0.0	0.5	0.0	12.9	0.0		
2pm	3.1	2.6	2.6	0.0	0.5	0.0	13.4	0.0		
3pm	3.1	2.6	2.6	0.0	0.5	0.0	13.9	0.0		
4pm	3.1	2.6	2.6	0.0	0.5	0.0	14.4	0.0		
5pm	3.1	2.6	2.6	0.0	0.5	0.0	14.9	0.0		
6pm	3.1	2.6	2.6	0.0	0.5	0.0	15.4	0.0		
7pm	3.1	2.6	2.6	0.0	0.5	0.0	15.9	0.0		
8pm	3.1	2.6	2.6	0.0	0.5	0.0	16.4	0.0		
9pm	1.7	2.6	1.7	0.9	0.0	0.9	15.5	0.0		
10pm	1.7	2.6	1.7	0.9	0.0	0.9	14.6	0.0		
11pm	1.7	2.6	1.7	0.9	0.0	0.9	13.7	0.0		
12pm	1.7	2.6	1.7	0.9	0.0	0.9	12.8	0.0		
Total	63.2	62.4	55.2	7.2	8.0	7.2		0.0		

Non-pump hour

Peak Power Hour

Fish Blackout Hour

Green River Pumping Plant and Pond Operation

Full Phase (10,000 af/yr) Three-Pump Option

September 16-30

Units: Acre-feet

Hour	GR Pumping 37	Irrigation			Pond Operation				Peak Power	Fish
		Demand 800	From GR	Rem Dem	Inflow	From Pond	Content 30.0	Spill		
Input	3.1	2.2	2.2		0.9	0.0	12.0			
1am	1.7	2.2	1.7	0.5	0.0	0.5	11.5	0.0		
2am	1.7	2.2	1.7	0.5	0.0	0.5	11.0	0.0		
3am	1.7	2.2	1.7	0.5	0.0	0.5	10.5	0.0		
4am	1.7	2.2	1.7	0.5	0.0	0.5	10.0	0.0		
5am	3.1	2.2	2.2	0.0	0.9	0.0	10.9	0.0		
6am	3.1	2.2	2.2	0.0	0.9	0.0	11.8	0.0		
7am	3.1	2.2	2.2	0.0	0.9	0.0	12.7	0.0		
8am	3.1	2.2	2.2	0.0	0.9	0.0	13.6	0.0		
9am	3.1	2.2	2.2	0.0	0.9	0.0	14.5	0.0		
10am	3.1	2.2	2.2	0.0	0.9	0.0	15.4	0.0		
11am	3.1	2.2	2.2	0.0	0.9	0.0	16.3	0.0		
12 noon	3.1	2.2	2.2	0.0	0.9	0.0	17.2	0.0		
1pm	3.1	2.2	2.2	0.0	0.9	0.0	18.1	0.0		
2pm	1.7	2.2	1.7	0.5	0.0	0.5	17.6	0.0		
3pm	1.7	2.2	1.7	0.5	0.0	0.5	17.1	0.0		
4pm	1.7	2.2	1.7	0.5	0.0	0.5	16.6	0.0		
5pm	1.7	2.2	1.7	0.5	0.0	0.5	16.1	0.0		
6pm	1.7	2.2	1.7	0.5	0.0	0.5	15.6	0.0		
7pm	1.7	2.2	1.7	0.5	0.0	0.5	15.1	0.0		
8pm	1.7	2.2	1.7	0.5	0.0	0.5	14.6	0.0		
9pm	1.7	2.2	1.7	0.5	0.0	0.5	14.1	0.0		
10pm	1.7	2.2	1.7	0.5	0.0	0.5	13.6	0.0		
11pm	1.7	2.2	1.7	0.5	0.0	0.5	13.1	0.0		
12pm	1.7	2.2	1.7	0.5	0.0	0.5	12.6	0.0		
Total	53.4	52.8	45.3	7.5	8.1	7.5		0.0		

Non-pump hour

Peak Power Hour

Fish Blackout Hour

Green River Pumping Plant and Pond Operation

Full Phase (10,000 af/yr) Three-Pump Option

October 1-15

Units: Acre-feet

Hour	GR Pumping 20	Irrigation			Pond Operation				Peak Power	Fish
		Demand 610	From GR	Rem Dem	Inflow	From Pond	Content 30.0	Spill		
Input	1.7	1.7	1.7		0.0	0.0	12.0			
1am	1.7	1.7	1.7	0.0	0.0	0.0	12.0	0.0		
2am	1.7	1.7	1.7	0.0	0.0	0.0	12.0	0.0		
3am	1.7	1.7	1.7	0.0	0.0	0.0	12.0	0.0		
4am	1.7	1.7	1.7	0.0	0.0	0.0	12.0	0.0		
5am	1.7	1.7	1.7	0.0	0.0	0.0	12.0	0.0		
6am	1.7	1.7	1.7	0.0	0.0	0.0	12.0	0.0		
7am	1.7	1.7	1.7	0.0	0.0	0.0	12.0	0.0		
8am	1.7	1.7	1.7	0.0	0.0	0.0	12.0	0.0		
9am	1.7	1.7	1.7	0.0	0.0	0.0	12.0	0.0		
10am	1.7	1.7	1.7	0.0	0.0	0.0	12.0	0.0		
11am	1.7	1.7	1.7	0.0	0.0	0.0	12.0	0.0		
12 noon	1.7	1.7	1.7	0.0	0.0	0.0	12.0	0.0		
1pm	1.7	1.7	1.7	0.0	0.0	0.0	12.0	0.0		
2pm	1.7	1.7	1.7	0.0	0.0	0.0	12.0	0.0		
3pm	1.7	1.7	1.7	0.0	0.0	0.0	12.0	0.0		
4pm	1.7	1.7	1.7	0.0	0.0	0.0	12.0	0.0		
5pm	1.7	1.7	1.7	0.0	0.0	0.0	12.0	0.0		
6pm	1.7	1.7	1.7	0.0	0.0	0.0	12.0	0.0		
7pm	1.7	1.7	1.7	0.0	0.0	0.0	12.0	0.0		
8pm	1.7	1.7	1.7	0.0	0.0	0.0	12.0	0.0		
9pm	1.7	1.7	1.7	0.0	0.0	0.0	12.0	0.0		
10pm	1.7	1.7	1.7	0.0	0.0	0.0	12.0	0.0		
11pm	1.7	1.7	1.7	0.0	0.0	0.0	12.0	0.0		
12pm	1.7	1.7	1.7	0.0	0.0	0.0	12.0	0.0		
Total	40.8	40.8	40.8	0.0	0.0	0.0		0.0		

 Non-pump hour

 Peak Power Hour

 Fish Blackout Hour