

State of Idaho
Department of Water Resources

RECOMMENDATION OF WATERMASTER

Application No: 73716
Water Right No: 36-16380, et al
Applicant Name: Idaho Water Co.

Watermaster's Recommendation:

- a) ☐ I do not oppose approval of this application
- b) ☒ I do not oppose approval of this application if it is conditioned as follows:

OK as drafted – offset condition 201 only.

- c) ☐ I oppose approval of this application(s) for the following reasons:
- d) ☒ Additional comment:

WMIS site ID = A0003491.

Based on J. Helms priority analysis, this approval will not cause a response greater than the 2 AFA / yr threshold response, at any priority curtailment level related to any of the rights in transfers 73715 and 73716. Subordination not required. Offset condition 202 was removed.

Dated: May 28, 2008

Water District 130



Cindy J Yenter, Watermaster

Comparison of Remaining Reach Impacts of Water Right Diversions With AND Without Transfer (NO Curtailment)

Steady State Impacts of Historical WR Diversions								Steady State Impacts by Reach										
Water Right	Div. rate	Div. Volume	Acres	Priority	POD Location	Model Volume [afa]	Model Node	Ashton to Rexburg	Heise to Shelley	Shelley to Near Blackfoot	Near Blackfoot to Neeley	Neeley to Minidoka	Devil's Washbowl to Buhl	Buhl to Thousand Springs	Thousand Springs	Thousand Springs to Malad	Malad	Malad to Bancroft
36-16380	2.72	544	56	9/12/1973		0	SP071042	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36-16381	2.72	544		9/12/1973		16	SP071042	0.1	0.1	1.1	3.7	1.0	5.9	1.8	1.1	0.1	0.9	0.0
36-16546	2.72	544		9/12/1973		0	SP071042	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36-16531	0.13		6	11/11/1959		12	SP070050	0.1	0.1	1.0	3.5	1.1	3.5	1.2	0.7	0.1	0.6	0.0
36-16531	0.13			11/11/1959		12	SP070051	0.1	0.1	1.1	3.7	1.1	3.3	1.1	0.7	0.1	0.6	0.0
36-16534	0.19		8.9	11/15/1970		17.8	SP070050	0.2	0.2	1.5	5.2	1.6	5.2	1.8	1.1	0.1	0.9	0.0
36-16534	0.19			11/15/1970		17.8	SP070051	0.2	0.2	1.6	5.5	1.7	4.9	1.7	1.0	0.1	0.9	0.0
36-16537	0.05		2.2	5/16/1980		4.4	SP070050	0.0	0.0	0.4	1.3	0.4	1.3	0.4	0.3	0.0	0.2	0.0
36-16537	0.05			5/16/1980		4.4	SP070051	0.0	0.1	0.4	1.4	0.4	1.2	0.4	0.3	0.0	0.2	0.0
36-16540	0.02		1.2	4/12/1994		2.4	SP070050	0.0	0.0	0.2	0.7	0.2	0.7	0.2	0.1	0.0	0.1	0.0
36-16540	0.02			4/12/1994		2.4	SP070051	0.0	0.0	0.2	0.7	0.2	0.7	0.2	0.1	0.0	0.1	0.0
			74.3			22.3	89.2	0.9	1.0	7.4	25.7	7.7	26.6	8.9	5.5	0.6	4.8	0.2
													2.5					
Steady State Impacts of Proposed WR Diversions																		
Water Right	Div. rate	Div. Volume	Acres	Priority	POD Location	Model Volume [afa]	Model Node	Ashton to Rexburg	Heise to Shelley	Shelley to Near Blackfoot	Near Blackfoot to Neeley	Neeley to Minidoka	Devil's Washbowl to Buhl	Buhl to Thousand Springs	Thousand Springs	Thousand Springs to Malad	Malad	Malad to Bancroft
36-16380			56	9/12/1973		0	SP071042	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36-16381				9/12/1973		16	SP058026	0.1	0.1	0.5	1.9	0.5	8.0	2.4	1.4	0.1	0.9	0.0
36-16546				9/12/1973		0	SP071042	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36-16531	0.13		6.0	11/11/1959		24	SP075053	0.3	0.3	2.3	8.1	2.8	5.6	2.0	1.3	0.1	1.1	0.0
36-16534	0.19		8.9	11/15/1970		35.6	SP075053	0.4	0.5	3.5	12.1	4.1	8.3	3.0	1.9	0.2	1.7	0.1
36-16537	0.05		2.2	5/16/1980		8.8	SP075053	0.1	0.1	0.9	3.0	1.0	2.0	0.7	0.5	0.0	0.4	0.0
36-16540	0.02		1.2	4/12/1994		4.8	SP075053	0.1	0.1	0.5	1.6	0.6	1.1	0.4	0.3	0.0	0.2	0.0
			74.3			22.3	89.2	0.9	1.0	7.6	26.7	9.0	25.1	8.5	5.2	0.5	4.4	0.2
								Max Transferrable by reach										
								100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
								Credits										
								0.0	0.0	-0.3	-0.96295	-1.3	1.5	0.3	0.3	0.0	0.4	0.0

Comparison of Remaining Reach Impacts of Water Right Diversions With AND Without Transfer (Curtailment Senior to 1970)

Steady State Impacts of Historical WR Diversions								Steady State Impacts by Reach										
Water Right	Div. rate	Div. Volume	Acres	Priority	POD Location	Model Volume [afa]	Model Node	Ashton to Rexburg	Heise to Shelley	Shelley to Near Blackfoot	Near Blackfoot to Neeley	Neelev to Minidoka	Devil's Washbowl to Buhl	Buhl to Thousand Springs	Thousand Springs	Thousand Springs to Malad	Malad	Malad to Bancroft
36-16380	2.72	544	56	9/12/1973		0	SP071042	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36-16381	2.72	544		9/12/1973		0	SP071042	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36-16546	2.72	544		9/12/1973		0	SP071042	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36-16531	0.13		6	11/11/1959		12	SP070050	0.1	0.1	1.0	3.5	1.1	3.5	1.2	0.7	0.1	0.6	0.0
36-16531	0.13			11/11/1959		12	SP070051	0.1	0.1	1.1	3.7	1.1	3.3	1.1	0.7	0.1	0.6	0.0
36-16534	0.19		8.9	11/15/1970		0	SP070050	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36-16534	0.19			11/15/1970		0	SP070051	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36-16537	0.05		2.2	5/16/1980		0	SP070050	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36-16537	0.05			5/16/1980		0	SP070051	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36-16540	0.02		1.2	4/12/1994		0	SP070050	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36-16540	0.02			4/12/1994		0	SP070051	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
			74.3		6	24		0.2	0.3	2.1	7.2	2.2	6.8	2.3	1.4	0.2	1.3	0.0
													2.5					
Steady State Impacts of Proposed WR Diversions								FACTOR:	0.74									
Water Right	Div. rate	Div. Volume	Acres	Priority	POD Location	Model Volume [afa]	Model Node	Ashton to Rexburg	Heise to Shelley	Shelley to Near Blackfoot	Near Blackfoot to Neeley	Neeley to Minidoka	Devil's Washbowl to Buhl	Buhl to Thousand Springs	Thousand Springs	Thousand Springs to Malad	Malad	Malad to Bancroft
36-16380			56	9/12/1973		0	SP071042	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36-16381				9/12/1973		0	SP058026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36-16546				9/12/1973		0	SP071042	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36-16531	0.13		6.0	11/11/1959		24	SP075053	0.3	0.3	2.3	8.1	2.8	5.6	2.0	1.3	0.1	1.1	0.0
36-16534	0.19		8.9	11/15/1970		0	SP075053	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36-16537	0.05		2.2	5/16/1980		0	SP075053	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36-16540	0.02		1.2	4/12/1994		0	SP075053	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
			74.3		6	24		0.3	0.3	2.3	8.1	2.8	5.6	2.0	1.3	0.1	1.1	0.0
								1.12423222	1.12436822	1.12500217	1.12725334	1.28067377	0.82244674	0.86410549	0.87140269	0.88273921	0.90111728	0.90304848
Maximum Transferable (105% of Historical Depletions OR Net Change < 6 afa)								100.0%										
								100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
								Credits										
								0.0	0.0	-0.3	-0.91944	-0.6	1.2	0.3	0.2	0.0	0.1	0.0

Comparison of Remaining Reach Impacts of Water Right Diversions With AND Without Transfer (Curtailment Senior to 1973)

Steady State Impacts of Historical WR Diversions								Steady State Impacts by Reach											
Water Right	Div. rate	Div. Volume	Acres	Priority	POD Location	Model Volume [afa]	Model Node	Ashton to Rexburg	Heise to Shelley	Shelley to Near Blackfoot	Near Blackfoot to Neeley	Neeley to Minidoka	Devil's Washbowl to Buhl	Buhl to Thousand Springs	Thousand Springs	Thousand Springs to Malad	Malad	Malad to Bancroft	
36-16380	2.72	544	56	9/12/1973		0	SP071042	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
36-16381	2.72	544		9/12/1973		0	SP071042	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
36-16546	2.72	544		9/12/1973		0	SP071042	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
36-16531	0.13		6	11/11/1959		12	SP070050	0.1	0.1	1.0	3.5	1.1	3.5	1.2	0.7	0.1	0.6	0.0	
36-16531	0.13			11/11/1959		12	SP070051	0.1	0.1	1.1	3.7	1.1	3.3	1.1	0.7	0.1	0.6	0.0	
36-16534	0.19		8.9	11/15/1970		17.8	SP070050	0.2	0.2	1.5	5.2	1.6	5.2	1.8	1.1	0.1	0.9	0.0	
36-16534	0.19			11/15/1970		17.8	SP070051	0.2	0.2	1.6	5.5	1.7	4.9	1.7	1.0	0.1	0.9	0.0	
36-16537	0.05		2.2	5/16/1980		0	SP070050	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
36-16537	0.05			5/16/1980		0	SP070051	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
36-16540	0.02		1.2	4/12/1994		0	SP070050	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
36-16540	0.02			4/12/1994		0	SP070051	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
			74.3		14.9	59.6		0.6	0.7	5.1	17.9	5.4	16.9	5.7	3.6	0.4	3.1	0.1	
													2.5						
Steady State Impacts of Proposed WR Diversions								FACTOR:		0.74									
Water Right	Div. rate	Div. Volume	Acres	Priority	POD Location	Model Volume [afa]	Model Node	Ashton to Rexburg	Heise to Shelley	Shelley to Near Blackfoot	Near Blackfoot to Neeley	Neeley to Minidoka	Devil's Washbowl to Buhl	Buhl to Thousand Springs	Thousand Springs	Thousand Springs to Malad	Malad	Malad to Bancroft	
36-16380			56	9/12/1973		0	SP071042	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
36-16381				9/12/1973		0	SP058026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
36-16546				9/12/1973		0	SP071042	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
36-16531	0.13		6.0	11/11/1959		24	SP075053	0.3	0.3	2.3	8.1	2.8	5.6	2.0	1.3	0.1	1.1	0.0	
36-16534	0.19		8.9	11/15/1970		35.6	SP075053	0.4	0.5	3.5	12.1	4.1	8.3	3.0	1.9	0.2	1.7	0.1	
36-16537	0.05		2.2	5/16/1980		0	SP075053	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
36-16540	0.02		1.2	4/12/1994		0	SP075053	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
			74.3		14.9	59.6		0.7	0.8	5.8	20.2	6.9	13.9	5.0	3.1	0.3	2.8	0.1	
								1.12423222	1.12436822	1.12500217	1.12725334	1.28067377	0.82244674	0.86410549	0.87140269	0.88273921	0.90111728	0.90304848	
Maximum Transferable (105% of Historical Depletions OR Net Change < 6 afa)								100.0%											
								100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
								Credits											
								-0.1	-0.1	-0.6	-2.28328	-1.5	3.0	0.8	0.5	0.0	0.3	0.0	

Comparison of Remaining Reach Impacts of Water Right Diversions With AND Without Transfer (Curtailment Senior to 1980)

Steady State Impacts of Historical WR Diversions								Steady State Impacts by Reach										
Water Right	Div. rate	Div. Volume	Acres	Priority	POD Location	Model Volume [afa]	Model Node	Ashton to Rexburg	Heise to Shelley	Shelley to Near Blackfoot	Near Blackfoot to Neeley	Neelev to Minidoka	Devil's Washbowl to Buhl	Buhl to Thousand Springs	Thousand Springs	Thousand Springs to Malad	Malad	Malad to Bancroft
36-16380	2.72	544	56	9/12/1973		0	SP071042	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36-16381	2.72	544		9/12/1973		16	SP071042	0.1	0.1	1.1	3.7	1.0	5.9	1.8	1.1	0.1	0.9	0.0
36-16546	2.72	544		9/12/1973		0	SP071042	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36-16531	0.13		6	11/11/1959		12	SP070050	0.1	0.1	1.0	3.5	1.1	3.5	1.2	0.7	0.1	0.6	0.0
36-16531	0.13			11/11/1959		12	SP070051	0.1	0.1	1.1	3.7	1.1	3.3	1.1	0.7	0.1	0.6	0.0
36-16534	0.19		8.9	11/15/1970		17.8	SP070050	0.2	0.2	1.5	5.2	1.6	5.2	1.8	1.1	0.1	0.9	0.0
36-16534	0.19			11/15/1970		17.8	SP070051	0.2	0.2	1.6	5.5	1.7	4.9	1.7	1.0	0.1	0.9	0.0
36-16537	0.05		2.2	5/16/1980		0	SP070050	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36-16537	0.05			5/16/1980		0	SP070051	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36-16540	0.02		1.2	4/12/1994		0	SP070050	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36-16540	0.02			4/12/1994		0	SP070051	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
			74.3		18.9	75.6		0.7	0.8	6.2	21.6	6.4	22.8	7.6	4.7	0.5	4.1	0.2
													2.5					
Steady State Impacts of Proposed WR Diversions								FACTOR:		0.74								
Water Right	Div. rate	Div. Volume	Acres	Priority	POD Location	Model Volume [afa]	Model Node	Ashton to Rexburg	Heise to Shelley	Shelley to Near Blackfoot	Near Blackfoot to Neeley	Neeley to Minidoka	Devil's Washbowl to Buhl	Buhl to Thousand Springs	Thousand Springs	Thousand Springs to Malad	Malad	Malad to Bancroft
36-16380			56	9/12/1973		0	SP071042	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36-16381				9/12/1973		16	SP058026	0.1	0.1	0.5	1.9	0.5	8.0	2.4	1.4	0.1	0.9	0.0
36-16546				9/12/1973		0	SP071042	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36-16531	0.13		6.0	11/11/1959		24	SP075053	0.3	0.3	2.3	8.1	2.8	5.6	2.0	1.3	0.1	1.1	0.0
36-16534	0.19		8.9	11/15/1970		35.6	SP075053	0.4	0.5	3.5	12.1	4.1	8.3	3.0	1.9	0.2	1.7	0.1
36-16537	0.05		2.2	5/16/1980		0	SP075053	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36-16540	0.02		1.2	4/12/1994		0	SP075053	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
			74.3		18.9	75.6		0.7	0.8	6.3	22.1	7.4	21.9	7.4	4.5	0.5	3.7	0.1
								1.01785449	1.01797339	1.01850797	1.02041517	1.15086745	0.96220648	0.97753895	0.9647582	0.94750507	0.92072002	0.91867837
Maximum Transferable (105% of Historical Depletions OR Net Change < 6 afa)								100.0%										
								100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
								Credits										
								0.0	0.0	-0.1	-0.44193	-1.0	0.9	0.2	0.2	0.0	0.3	0.0

Comparison of Remaining Reach Impacts of Water Right Diversions With AND Without Transfer (Curtailment Senior to 1994)

Steady State Impacts of Historical WR Diversions										Steady State Impacts by Reach									
Water Right	Div. rate	Div. Volume	Acres	Priority	POD Location	Model Volume [af]	Model Node	Ashton to Rexburg	Heise to Shelley	Shelley to Near Blackfoot	Near Blackfoot to Neeley	Neeley to Minidoka	Devil's Washbowl to Buhl	Buhl to Thousand Springs	Thousand Springs to Malad	Malad to Bancroft			
36-16380	2.72	544	56	9/12/1973		0 SP071042	0 SP071042	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
36-16381	2.72	544		9/12/1973		16 SP058026	0 SP058026	0.1	0.1	0.5	1.9	0.5	8.0	2.4	1.4	0.1			
36-16546				9/12/1973		0 SP071042	0 SP071042	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
36-16531	0.13		6.0	11/11/1959		24 SP075053	0 SP075053	0.3	0.3	2.3	8.1	2.8	5.6	2.0	1.3	0.1			
36-16534	0.19		8.9	11/15/1970		35.6 SP075053	0 SP075053	0.4	0.5	3.5	12.1	4.1	8.3	3.0	1.9	0.2			
36-16537	0.05		2.2	5/16/1980		8.8 SP075053	0 SP075053	0.1	0.1	0.9	3.0	1.0	2.0	0.7	0.5	0.0			
36-16540	0.02		1.2	4/12/1994		0 SP075053	0 SP075053	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
			74.3			21.1	84.4	0.8	0.9	7.0	24.3	7.2	25.3	8.4	5.2	0.6			
																4.5			
																0.2			
Steady State Impacts of Proposed WR Diversions										Steady State Impacts by Reach									
								FACTOR:		0.74									
Water Right	Div. rate	Div. Volume	Acres	Priority	POD Location	Model Volume [af]	Model Node	Ashton to Rexburg	Heise to Shelley	Shelley to Near Blackfoot	Near Blackfoot to Neeley	Neeley to Minidoka	Devil's Washbowl to Buhl	Buhl to Thousand Springs	Thousand Springs to Malad	Malad to Bancroft			
36-16380			56	9/12/1973		0 SP071042	0 SP071042	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
36-16381				9/12/1973		16 SP058026	0 SP058026	0.1	0.1	0.5	1.9	0.5	8.0	2.4	1.4	0.1			
36-16546				9/12/1973		0 SP071042	0 SP071042	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
36-16531	0.13		6.0	11/11/1959		24 SP075053	0 SP075053	0.3	0.3	2.3	8.1	2.8	5.6	2.0	1.3	0.1			
36-16534	0.19		8.9	11/15/1970		35.6 SP075053	0 SP075053	0.4	0.5	3.5	12.1	4.1	8.3	3.0	1.9	0.2			
36-16537	0.05		2.2	5/16/1980		8.8 SP075053	0 SP075053	0.1	0.1	0.9	3.0	1.0	2.0	0.7	0.5	0.0			
36-16540	0.02		1.2	4/12/1994		0 SP075053	0 SP075053	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
			74.3			21.1	84.4	0.8	1.0	7.2	25.1	8.4	24.0	8.1	5.0	0.5			
																4.2			
																0.2			
(105% of Historical Depletions OR Net Change < 6 af)										Maximum Transferable							100.0%		