

# Columbia Basin Water Transactions Program

## APPENDIX OF FY12 TRANSACTIONS

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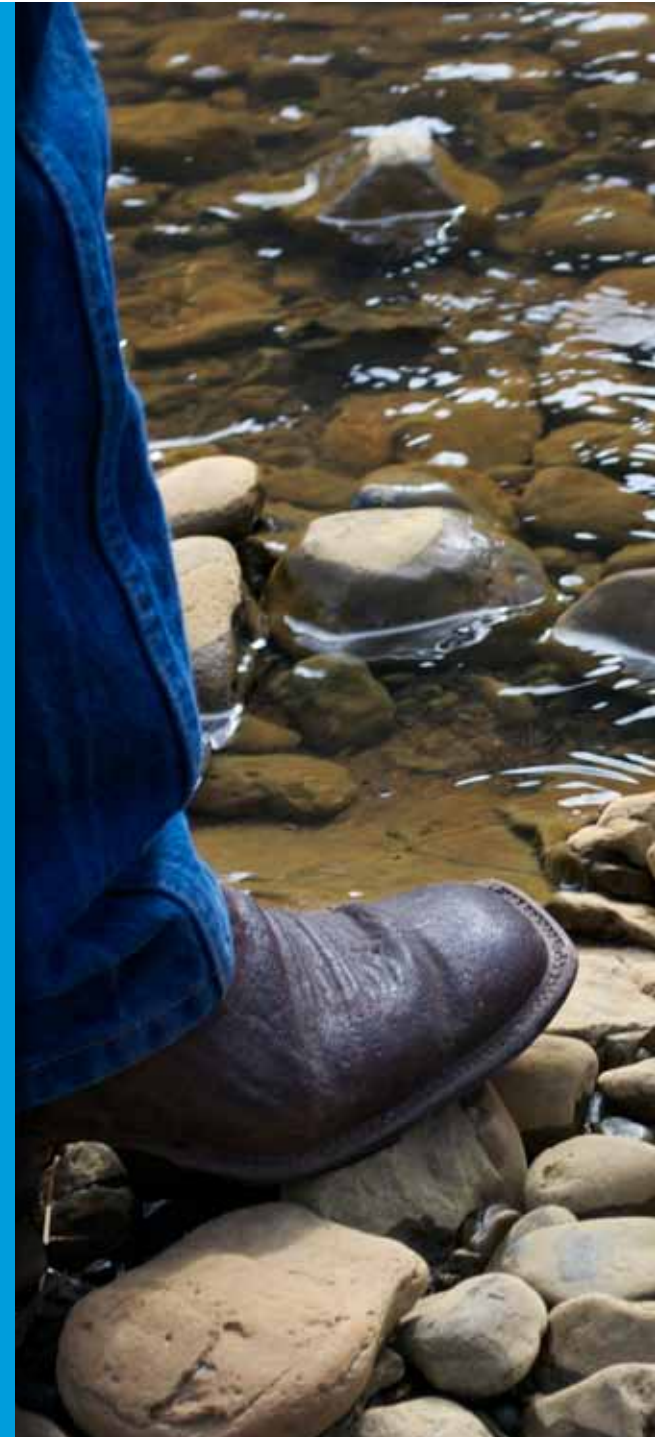
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*This FY12 Appendix includes water transactions implemented under BPA projects  
#2002-013-01; #2008-608-00; #2008-206-00; #2008-104-00*

The Columbia Basin Water Transactions Program is a project of the National Fish and Wildlife Foundation and the Bonneville Power Administration. CBWTP is made possible in large part through funding by the BPA in cooperation with the Northwest Power and Conservation Council.



# KEY ACCOMPLISHMENTS OF NEW FY12 TRANSACTIONS

*“CBWTP is unique in that it focuses on water in a way that benefits both producers and habitat.”*

KEN BIERLY | SENIOR PARTNERSHIP COORDINATOR,  
OREGON WATER ENHANCEMENT BOARD

MAXIMUM RATE OF  
NEW FLOWS RESTORED  
TO STREAMS



119

CUBIC FEET PER SECOND

MAXIMUM ANNUAL VOLUME OF  
WATER RESTORED TO STREAMS



25,294

ACRE-FEET

MAXIMUM VOLUME OF WATER  
INSTREAM IN FY12 FROM ALL FUNDED  
TRANSACTIONS (2003-2012)



112,804

ACRE-FEET

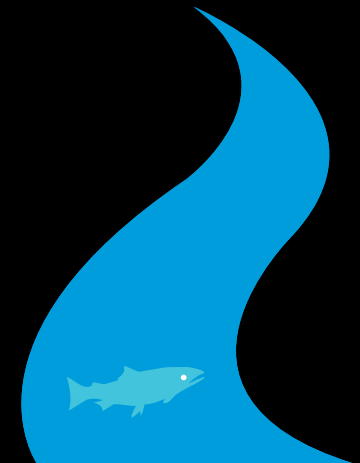
TOTAL VOLUME OF WATER  
RESTORED TO STREAMS FOR  
LIFE OF FY12 TRANSACTIONS



267,124

ACRE-FEET

MILES OF TRIBUTARIES  
ENHANCED



472

MILES

**FY12 COLUMBIA BASIN WATER TRANSACTIONS PROGRAM APPENDIX**

**BPA PROJECT 2002-013-01**

<b>WTP Transaction Number (Transaction Name)</b>	<b>115c-12 (Voigt- Standard Creek Mid-Season Shutoff)</b>	<b>159c-10 (DWA Bank 2010)</b>	<b>17b-12 (WWT - Teanaway No. 12 - 2012)</b>	<b>194b-12 (Manastash Creek, High Valley/Duncan No. 2)</b>	<b>267d-11 (WWT-Teanaway #18 - Consumptive Permanent)</b>
Proposing Entity	The Freshwater Trust	Deschutes River Conservancy	Washington Water Trust	Trout Unlimited - Washington Water Project	Washington Water Trust
Benefited Stream(s)	Standard Creek	Deschutes River	Teanaway River, Yakima River	Manastash Creek	Teanaway River, Yakima River
Tributary of	John Day River	Columbia River	Yakima River, Columbia River	Yakima River	Yakima River, Columbia River
Subbasin	John Day	Deschutes	Yakima	Yakima	Yakima
Province	COLUMBIA PLATEAU	COLUMBIA PLATEAU	COLUMBIA PLATEAU	COLUMBIA PLATEAU	COLUMBIA PLATEAU
Total Water Cost	\$70,000	\$43,188.36	\$37,613.45	\$559,000	\$267,356.25
CBWTP Funds Requested	\$70,000	\$43,188.36	\$24,880.28	\$407,340.75	\$200,517.19
Cost Share	\$-	\$-	\$8,293.42	\$135,780.25	\$66,839.06
Landowner Donation	\$-	\$-	\$4,439.75	\$15,879	\$-
Cost Share Source			Washington Department of Ecology	Washington Department of Ecology	Washington Department of Ecology
FY 2012 Funds Requested	\$70,000	\$43,188.36	\$24,880.28	\$407,340.75	\$200,517.19
Transaction Term	5	100	15	100	100
Transaction Term	2012 - 2016	Permanent	2012 - 2026	Permanent	Permanent
Timing of Increased Flow	7/4 - 10/31	4/1 - 10/26	5/1 - 9/15	4/1 - 10/31	5/1 - 9/15
Primary Protected Distance	1.70 Miles	65 Miles	2.20 Miles	5.60 Miles	5.50 Miles
Sec. Benefited Distance:	1.30 Miles	100 Miles	9.80 Miles		510 Miles
Primary Protected Rate (max.)	4.93 cfs	0.30 cfs	0.37 cfs	1.80 cfs	0.85 cfs
Sec. Instream Rate (max):	4.93 cfs	0.08 cfs	0.22 cfs	0 cfs	0.64 cfs
Instream Volume (max)	591.60 AF	95.38 AF	73.20 AF	543.12 AF	147 AF
Instream Volume (min)	591.60 AF	31.56 AF	36.45 AF	0 AF	110.25 AF
Acres:	197.20 Acres	17.50 Acres	18.30 Acres	2,191 Acres	60 Acres
5th Field HUC	1707020108	1707030111	1703000102	1703000103	1703000102
Transaction Tool(s) Used	Forbearance Agreement	Acquisition	Long Term Lease	Acquisition, Diversion Reduction Agreement	Acquisition
Method(s) of Increasing Flow	Split Season	Full Season	Full Season	Full Season	Full Season
ESU's Benefited	Steelhead (Oncorhynchus mykiss) - Middle Columbia River DPS, Pacific Lamprey	Steelhead (Oncorhynchus mykiss) - Middle Columbia River DPS	Steelhead (Oncorhynchus mykiss) - Middle Columbia River DPS, Chinook (O. tshawytscha) - Mid-Columbia River Spring-run	Chinook (O. tshawytscha) - Mid-Columbia River Spring-run, Steelhead (Oncorhynchus mykiss) - Middle Columbia River DPS	Steelhead (Oncorhynchus mykiss) - Middle Columbia River DPS, Chinook (O. tshawytscha) - Mid-Columbia River Spring-run
Resident Fish Benefited	Cutthroat Trout	Bull Trout, Brown Trout, Redband Trout, Chinook Salmon	Bull Trout	Cutthroat Trout	Bull Trout

**FY12 COLUMBIA BASIN WATER TRANSACTIONS PROGRAM APPENDIX**

**BPA PROJECT 2002-013-01**

WTP Transaction Number (Transaction Name)	311b-12 (Berry Creek: Larson SSL '12)	313b-12 (TSID Main Canal Water Purchase 2012)	315-11 (Olson Fifteenmile Purchase)	319b-12 (Fifteenmile Lease Bank: Kaser Split Season)	340-12 (Bayhorse Creek - 2012)
Proposing Entity	The Freshwater Trust	Deschutes River Conservancy	The Freshwater Trust	The Freshwater Trust	Idaho Department of Water Resources
Benefited Stream(s)	Berry Creek	Whychus Creek	Fifteenmile Creek	Fifteenmile Creek	Bayhorse Creek
Tributary of	Canyon Creek	Deschutes River	Columbia River	Columbia River	Salmon River
Subbasin	John Day	Deschutes	Fifteenmile	Fifteenmile	Salmon
Province	COLUMBIA PLATEAU	COLUMBIA PLATEAU	COLUMBIA GORGE	COLUMBIA GORGE	MOUNTAIN SNAKE
Total Water Cost	\$17,763.90	\$500,000	\$143,849	\$2,060	\$126,532.36
CBWTP Funds Requested	\$17,763.90	\$350,425	\$45,849	\$2,310	\$30,154.18
Cost Share	\$-	\$150,000	\$100,000	\$-	\$96,378.18
Landowner Donation	\$-	\$-	\$-	\$-	\$-
Cost Share Source		Portland General Electric	OWEB		Idaho Water Resource Board interest, \$8,256.02; BPA - Idaho Department of Fish and Game, \$71,426.80; US Bureau of Reclamation, \$16,695.36
FY 2012 Funds Requested	\$17,763.90	\$350,425	\$45,849	\$2,310	\$30,154.18
Transaction Term	3	100	100	1	20
Transaction Term	2012 - 2014	Permanent	Permanent	2012	2012 - 2031
Timing of Increased Flow	7/1 - 9/30	4/1 - 10/31	6/1 - 9/30	7/15 - 9/30	4/1 - 10/31
Primary Protected Distance	0.50 Miles	23.50 Miles	34 Miles	7 Miles	0.26 Miles
Sec. Benefited Distance:	8.70 Miles				
Primary Protected Rate (max.)	0.60 cfs	1 cfs	0.96 cfs	0.20 cfs	2.23 cfs
Sec. Instream Rate (max):	0.35 cfs	0 cfs	0 cfs	0 cfs	0 cfs
Instream Volume (max)	107.66 AF	424 AF	225 AF	45 AF	937.20 AF
Instream Volume (min)	55 AF	0 AF	0 AF	0 AF	0 AF
Acres:	47.80 Acres	0 Acres	75.71 Acres	20.60 Acres	20 Acres
5th Field HUC	1707020107	1707030107	1707010525	1707010525	1706020104
Transaction Tool(s) Used	Short Term Lease	Acquisition	Acquisition	Annual Lease	Source Switch
Method(s) of Increasing Flow	Split Season	Conserved Water	Full Season	Split Season	Full Season
ESU's Benefited	Middle Columbia River Steelhead, Chinook (O. tshawytscha) - Mid-Columbia River Spring-run, Lamprey, Pacific (Lampetra tridentata)	Steelhead (Oncorhynchus mykiss) - Middle Columbia River DPS	Steelhead (Oncorhynchus mykiss) - Lower Columbia River DPS, Chinook (O. tshawytscha) - Mid-Columbia River Spring-run, Coho (O. kisutch) - Unspecified Population	Steelhead (Oncorhynchus mykiss) - Lower Columbia River DPS, Chinook (O. tshawytscha) - Mid-Columbia River Spring-run, Coho (O. kisutch) - Unspecified Population	Chinook (O. tshawytscha) - Snake River Spring/Summer-run, Steelhead (Oncorhynchus mykiss) - Snake River Basin DPS
Resident Fish Benefited	Redband (O. mykiss gairdnerii), Cutthroat Trout, Westslope (O. c. lewisi), Bull Trout	Bull Trout, Redband Trout	Pacific Lamprey, Western Brook Lamprey, Cutthroat Trout	Pacific Lamprey, Western Brook Lamprey, Cutthroat Trout	Bull Trout, Cutthroat Trout, Westslope (O. c. lewisi)

**FY12 COLUMBIA BASIN WATER TRANSACTIONS PROGRAM APPENDIX**

**BPA PROJECT 2002-013-01**

WTP Transaction Number (Transaction Name)	344-12 (Upper Clark Fork River Combined Lease)	359-12 (Fifteenmile Lease Bank: Hanna Split Season)	35c-12 (WWT - Teanaway No. 4 - 2012)	360-12 (Fifteenmile Lease Bank: Carnahan Full Season)	59c-12 (Birkmaier Lease Renewal)
Proposing Entity	Clark Fork Coalition	The Freshwater Trust	Washington Water Trust	The Freshwater Trust	The Freshwater Trust
Benefited Stream(s)	Clark Fork River (upper), Dry Cottonwood Creek	Fifteenmile Creek	Teanaway River, Yakima River	Fifteenmile Creek	Joseph Creek, Chesnimnus Creek, Cow Creek, Elk Creek
Tributary of	Columbia River, Clark Fork River	Columbia River	Yakima River, Columbia River	Columbia River	Grande Ronde River
Subbasin	Clark Fork	Columbia Gorge	Yakima	Columbia Gorge	Grande Ronde
Province	MOUNTAIN COLUMBIA	COLUMBIA GORGE	COLUMBIA PLATEAU	COLUMBIA GORGE	BLUE MOUNTAIN
Total Water Cost	\$20,600	\$3,104.50	\$12,600	\$1,540	\$30,000
CBWTP Funds Requested	\$20,600	\$3,354.50	\$9,450	\$1,940	\$34,000
Cost Share	\$-	\$-	\$3,150	\$-	\$-
Landowner Donation	\$1,000	\$-	\$-	\$-	\$-
Cost Share Source			Washington Department of Ecology		
FY 2012 Funds Requested	\$20,600	\$3,354.50	\$4,224.68	\$1,940	\$30,400
Transaction Term	1	1	10	1	5
Transaction Term	2012	2012	2011 - 2020	2012	2012 - 2016
Timing of Increased Flow	4/1 - 11/4	7/15 - 9/30	5/1 - 9/15	6/1 - 9/30	06/07 - 9/30
Primary Protected Distance	6.50 Miles	27.50 Miles	13 Miles	34 Miles	42.83 Miles
Sec. Benefited Distance:			510 Miles		
Primary Protected Rate (max.)	12.50 cfs	0.31 cfs	0.18 cfs	0.07 cfs	0.81 cfs
Sec. Instream Rate (max):	2 cfs	0 cfs	0.09 cfs	0 cfs	0 cfs
Instream Volume (max)	2,598 AF	47.78 AF	36 AF	21 AF	197.70 AF
Instream Volume (min)	281 AF	0 AF	14.09 AF	0 AF	0 AF
Acres:	258 Acres	31.85 Acres	9 Acres	7 Acres	65.90 Acres
5th Field HUC	1701020104	1707010503	1703000102	1707010503	1706010605
Transaction Tool(s) Used	Diversion Reduction Agreement	Annual Lease	Long Term Lease	Annual Lease	Short Term Lease
Method(s) of Increasing Flow	Split Season	Split Season	Full Season	Full Season	Full Season
ESU's Benefited		Steelhead (Oncorhynchus mykiss) - Lower Columbia River DPS, Chinook (O. tshawytscha) - Mid-Columbia River Spring-run, Coho (O. kisutch) - Unspecified Population	Steelhead (Oncorhynchus mykiss) - Middle Columbia River DPS, Chinook (O. tshawytscha) - Mid-Columbia River Spring-run	Steelhead (Oncorhynchus mykiss) - Lower Columbia River DPS, Chinook (O. tshawytscha) - Mid-Columbia River Spring-run, Coho (O. kisutch) - Unspecified Population	Steelhead (Oncorhynchus mykiss) - Snake River Basin DPS
Resident Fish Benefited	Cutthroat Trout, Westslope (O. c. lewisi), Brown Trout, Bull Trout	Pacific Lamprey, Western Brook Lamprey, Cutthroat Trout	Bull Trout	Pacific Lamprey, Western Brook Lamprey, Cutthroat Trout	Redband Trout



WTP Transaction Number (Transaction Name)	71i-12 (Annual Water Leasing Program 2012)	86d-12 (Fire Creek 2011 Renewal)	92f-12 (Lostine 3-Year Minimum Flow 2012)
Proposing Entity	Deschutes River Conservancy	Clark Fork Coalition	The Freshwater Trust
Benefited Stream(s)	Deschutes River, Little Deschutes River, Tumalo Creek, Mill Creek, Ochoco Creek, Whychus Creek, Bear Creek, Pole Creek, Little Bear Creek	Fire Creek	Lostine River
Tributary of	Columbia River, Deschutes River, Ochoco Creek, Crooked River, Whychus Creek, Bear Creek	Ninemile Creek, Middle Clark Fork	Wallowa River
Subbasin	Deschutes	Clark Fork	Grande Ronde
Province	COLUMBIA PLATEAU	MOUNTAIN COLUMBIA	BLUE MOUNTAIN
Total Water Cost	\$106,957.91	\$30,000	\$492,000
CBWTP Funds Requested	\$34,763.77	\$30,200	\$492,000
Cost Share	\$14,277.14	\$-	\$-
Landowner Donation	\$64,867	\$-	\$-
Cost Share Source	Blue Water (costshare), PGE Pelton Fund, Bonneville Env. Foundation, Deschutes Brewery, DRC Groundwater Mitigation Bank		
FY 2012 Funds Requested	\$34,763.77	\$30,200	\$164,000
Transaction Term	1	5	3
Transaction Term	2012	2012 - 2016	2012 - 2014
Timing of Increased Flow	4/1 - 11/1	7/1 - 10/15	8/22 - 9/30
Primary Protected Distance	188.30 Miles	3 Miles	1.65 Miles
Sec. Benefited Distance:	120 Miles		6.85 Miles
Primary Protected Rate (max.)	40.90 cfs	1.75 cfs	15 cfs
Sec. Instream Rate (max):	0 cfs	0 cfs	15 cfs
Instream Volume (max)	13,078.40 AF	371.30 AF	1,188 AF
Instream Volume (min)	4,114.87 AF	0 AF	1,188 AF
Acres:	3,000 Acres	146 Acres	3,500 Acres
5th Field HUC	1707030107	1701020403	1706010502
Transaction Tool(s) Used	Annual Lease, Short Term Lease	Short Term Lease	Forbearance Agreement
Method(s) of Increasing Flow	Split Season, Full Season	Split Season	Split Season
ESU's Benefited	Chinook (O. tshawytscha) - Deschutes River Summer/Fall-run, Chinook (O. tshawytscha) - Mid-Columbia River Spring-run, Steelhead (Oncorhynchus mykiss) - Middle Columbia River DPS		Chinook (O. tshawytscha) - Snake River Fall-run, Steelhead (Oncorhynchus mykiss) - Snake River Basin DPS, Chinook (O. tshawytscha) - Snake River Spring/Summer-run
Resident Fish Benefited	Redband Trout, Bull Trout	Cutthroat Trout, Westslope (O. c. lewisi)	Pacific Lamprey, Bull Trout, Resident Trout



OUTCOMES AND ACCOMPLISHMENTS

ACCORD WATER TRANSACTION  
OUTCOMES / FY09-FY12

CBWTP and its partners develop and review water transactions carried out as part of the Columbia Basin Fish Accords with the State of Idaho, the Confederated Tribes of the Umatilla Indian Reservation, and the Confederated Tribes of the Colville Indian Reservation.

	STATE OF IDAHO	CONFEDERATED TRIBES OF THE UMATILLA INDIAN RESERVATION	CONFEDERATED TRIBES OF THE COLVILLE INDIAN RESERVATION
MAXIMUM RATE OF NEW FLOWS RESTORED TO STREAMS	<b>45</b> CUBIC FEET PER SECOND	<b>18</b> CUBIC FEET PER SECOND	<b>25</b> CUBIC FEET PER SECOND
MAXIMUM ANNUAL VOLUME OF WATER RESTORED TO STREAMS	<b>10,529</b> ACRE-FEET	<b>3,077</b> ACRE-FEET	<b>1,254</b> ACRE-FEET
TOTAL VOLUME OF WATER RESTORED TO STREAMS FOR LIFE OF TRANSACTIONS	<b>234,706</b> ACRE-FEET	<b>24,864</b> ACRE-FEET	<b>15,580</b> ACRE-FEET
MILES OF TRIBUTARIES ENHANCED	<b>19</b> MILES	<b>81</b> MILES	<b>15</b> MILES



**FY12 COLUMBIA BASIN WATER TRANSACTIONS PROGRAM APPENDIX**

**IDAHO ACCORD WATER TRANSACTIONS**

WTP Transaction Number (Transaction Name)	339-11 (Patterson Big Springs 9 - Big Springs Ranch 2012)	349-12 (Sulphur Creek Donation)	72i-12 (Lower Lemhi Annual 2012)
Proposing Entity	Idaho Department of Water Resources	Idaho Department of Water Resources	Idaho Department of Water Resources
Benefited Stream(s)	Patterson Creek	Sulphur Creek, Pahsimeroi River	Lemhi River
Tributary of	Pahsimeroi River	Pahsimeroi River, Salmon River	Salmon River
Subbasin	Salmon	Salmon	Salmon
Province	MOUNTAIN SNAKE	MOUNTAIN SNAKE	MOUNTAIN SNAKE
Total Water Cost	\$595,928.31	\$-	\$27,536.34
CBWTP Funds Requested	\$-	\$-	\$-
Cost Share	\$595,928.31	\$-	\$27,536.34
Landowner Donation	\$-	\$-	\$-
Cost Share Source	BPA - Idaho Fish Accord, \$174,573.74; Idaho Water Resource Board interest, \$47,797.17; Pacific Coastal Salmon Recovery Fund, \$156,017.51; Custer SWCD, \$217,539.90	The Nature Conservancy and Snake River Basin Adjudication Habitat Fund	BPA-Idaho Fish Accord MOA
FY 2012 Funds Requested	\$174,573.74	\$-	\$27,536.34
Transaction Term	20	100	1
Transaction Term	2012 - 2031	Permanent	2012
Timing of Increased Flow	4/1 - 10/31	4/1 - 10/31	3/15 - 11/15
Primary Protected Distance	8.10 Miles	3.28 Miles	7.40 Miles
Sec. Benefited Distance:		52.46 Miles	
Primary Protected Rate (max.)	6 cfs	1.07 cfs	16.21 cfs
Sec. Instream Rate (max):	0 cfs	0.65 cfs	0 cfs
Instream Volume (max)	2,142.20 AF	296.15 AF	766.20 AF
Instream Volume (min)	0 AF	192.25 AF	0 AF
Acres:	109 Acres	76.90 Acres	0 Acres
5th Field HUC	1706020202	1706020201	1706020401
Transaction Tool(s) Used	Source Switch	Acquisition	Minimum Flow Agreement
Method(s) of Increasing Flow	Full Season	Full Season	Full Season
ESU's Benefited	Chinook (O. tshawytscha) - Snake River Spring/Summer-run, Steelhead (Oncorhynchus mykiss) - Snake River Basin DPS	Chinook (O. tshawytscha) - Snake River Spring/Summer-run, Steelhead (Oncorhynchus mykiss) - Snake River Basin DPS	Chinook (O. tshawytscha) - Snake River Spring/Summer-run, Steelhead (Oncorhynchus mykiss) - Snake River Basin DPS
Resident Fish Benefited	Bull Trout	Trout, Rainbow (Oncorhynchus mykiss)	Bull Trout, Cutthroat Trout, Redband Trout



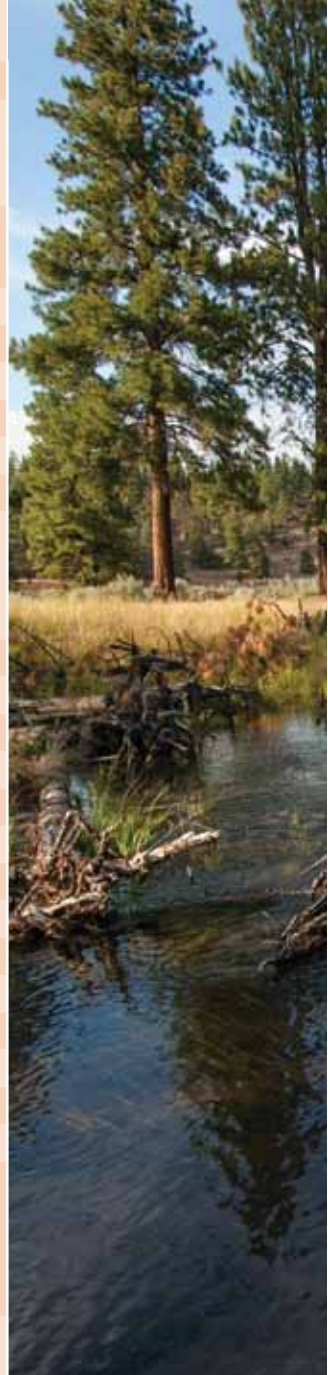


FY12 COLUMBIA BASIN WATER TRANSACTIONS PROGRAM APPENDIX				CTUIR ACCORD WATER TRANSACTIONS	
WTP Transaction Number (Transaction Name)	296b-11 (WWT Touchet No. 7 Warren 2011)	297b-12 (Couse Creek: Shumway Conservancy Lease)	316b-12 (Catherine Creek: Malmberg Split Season Lease and Option)	317b-12 (Catherine Creek: Sheehy 2012 Lease)	330b-12 (McKay Reservoir: McBee renewal)
Proposing Entity	Washington Water Trust	The Freshwater Trust	The Freshwater Trust	The Freshwater Trust	The Freshwater Trust
Benefited Stream(s)	Touchet River	Couse Creek	Catherine Creek	Catherine Creek	McKay Creek
Tributary of	Walla Walla River	Walla Walla River	Grande Ronde River	Grande Ronde River	Umatilla River
Subbasin	Walla Walla	Walla Walla	Grande Ronde	Grande Ronde	Umatilla
Province	COLUMBIA PLATEAU	COLUMBIA PLATEAU	BLUE MOUNTAIN	BLUE MOUNTAIN	COLUMBIA PLATEAU
Total Water Cost	\$27,246	\$5,280	\$8,100	\$24,142.50	\$5,825
CBWTP Funds Requested	\$27,246	\$5,530	\$8,350	\$24,392.50	\$5,825
Cost Share	\$-	\$-	\$-	\$-	\$-
Landowner Donation	\$-	\$-	\$-	\$-	\$-
Cost Share Source					
FY 2012 Funds Requested	\$18,164	\$5,530	\$8,350	\$24,392.50	\$5,825
Transaction Term	3	5	3	1	1
Transaction Term	2011 - 2013	2012 - 2016	2012 - 2014	2012	2012
Timing of Increased Flow	5/1 - 11/5	3/1 - 10/31	7/1 - 9/1	7/1 - 9/30	7/1 - 7/30
Primary Protected Distance	0.50 Miles	2.20 Miles	6 Miles	15 Miles	6 Miles
Sec. Benefited Distance:	44 Miles				49.70 Miles
Primary Protected Rate (max.)	2.08 cfs	0.83 cfs	0.25 cfs	0.67 cfs	2.09 cfs
Sec. Instream Rate (max):	2 cfs	0 cfs	0 cfs	0 cfs	2.09 cfs
Instream Volume (max)	239 AF	400 AF	30 AF	160.95 AF	124.50 AF
Instream Volume (min)	200 AF	0 AF	0 AF	0 AF	0 AF
Acres:	104 Acres	22 Acres	20 Acres	53.65 Acres	114 Acres
5th Field HUC	1707010207	1707010219	1706010405	1706010405	1707010321
Transaction Tool(s) Used	Short Term Lease	Annual Lease		Annual Lease	Short Term Lease
Method(s) of Increasing Flow	Full Season	Full Season	Split Season	Full Season	Stored Water
ESU's Benefited	Steelhead (Oncorhynchus mykiss) - Middle Columbia River DPS	Chinook (O. tshawytscha)-Mid-Columbia River Spring-run, Steelhead (Oncorhynchus mykiss) - Middle Columbia River DPS	Chinook (O. tshawytscha) - Snake River Spring/Summer-run, Snake River Steelhead	Chinook (O. tshawytscha) - Snake River Spring/Summer-run, Snake River Steelhead	Coho (O. kisutch) - Unspecified Population, Chinook (O. tshawytscha) - Mid-Columbia River Spring-run, Steelhead (Oncorhynchus mykiss) - Middle Columbia River DPS
Resident Fish Benefited	Bull Trout, Redband Trout, Western Brook Lamprey	Bull Trout	Bull Trout	Bull Trout	Bull Trout, Western Brook Lamprey

**FY12 COLUMBIA BASIN WATER TRANSACTIONS PROGRAM APPENDIX**

**CTUIR ACCORD WATER TRANSACTIONS**

WTP Transaction Number (Transaction Name)	343-12 (NFWWR: Leland Sams Lease)	352-12 (McKay Reservoir Lease Program: Becker)	353-12 (McKay Reservoir Lease Program: Cunningham Sheep)	82e-11 (WWT Touchet No.3 Plucker 2011)
Proposing Entity	The Freshwater Trust	The Freshwater Trust	The Freshwater Trust	Washington Water Trust
Benefited Stream(s)	North Fork Walla Walla River	McKay Creek	McKay Creek	Touchet River
Tributary of	Walla Walla River	Umatilla River	Umatilla River	Walla Walla River
Subbasin	Walla Walla	Umatilla	Umatilla	Walla Walla
Province	COLUMBIA PLATEAU	COLUMBIA PLATEAU	COLUMBIA PLATEAU	COLUMBIA PLATEAU
Total Water Cost	\$9,400	\$37,680	\$12,500	\$11,462.50
CBWTP Funds Requested	\$9,650	\$37,680	\$12,500	\$8,596.87
Cost Share	\$-	\$-	\$-	\$2,865.62
Landowner Donation	\$-	\$-	\$-	\$-
Cost Share Source				Washington Department of Ecology
FY 2012 Funds Requested	\$9,650	\$37,680	\$12,500	\$8,596.87
Transaction Term	5	8	1	5
Transaction Term	2012 - 2016	2012 - 2019	2012	2011 - 2015
Timing of Increased Flow	3/1 - 10/31	7/1 - 7/30	7/1 - 7/30	4/1 - 4/1
Primary Protected Distance	6 Miles	6 Miles	6 Miles	0.75 Miles
Sec. Benefited Distance:		49.70 Miles	49.70 Miles	6.45 Miles
Primary Protected Rate (max.)	0.23 cfs	1.32 cfs	2.52 cfs	0.90 cfs
Sec. Instream Rate (max):	0 cfs	1.32 cfs	2.52 cfs	0.70 cfs
Instream Volume (max)	113.71 AF	78.50 AF	150 AF	65.50 AF
Instream Volume (min)	0 AF	0 AF	0 AF	65.50 AF
Acres:	18.80 Acres	117.90 Acres	200 Acres	35.40 Acres
5th Field HUC	1707010201	1707010321	1707010321	1707010202
Transaction Tool(s) Used	Annual Lease	Short Term Lease	Short Term Lease	Short Term Lease
Method(s) of Increasing Flow	Full Season	Stored Water	Stored Water	Full Season
ESU's Benefited	Steelhead (Oncorhynchus mykiss) - Middle Columbia River DPS, Chinook (O. tshawytscha) - Mid-Columbia River Spring-run	Coho (O. kisutch) - Unspecified Population, Chinook (O. tshawytscha) - Mid-Columbia River Spring-run, Steelhead (Oncorhynchus mykiss) - Middle Columbia River DPS	Coho (O. kisutch) - Unspecified Population, Chinook (O. tshawytscha) - Mid-Columbia River Spring-run, Steelhead (Oncorhynchus mykiss) - Middle Columbia River DPS	Steelhead (Oncorhynchus mykiss) - Middle Columbia River DPS
Resident Fish Benefited	Bull Trout, Redband Trout, Western Brook Lamprey, Pacific Lamprey	Bull Trout, Lamprey, Western Brook (L. richardsoni)	Bull Trout, Lamprey, Western Brook (L. richardsoni)	Bull Trout, Western Brook Lamprey, Mountain whitefish



<b>WTP Transaction Number (Transaction Name)</b>	<b>310-11 (WWT - Loup Loup No 1)</b>
Proposing Entity	Washington Water Trust
Benefited Stream(s)	Loup Loup Creek
Tributary of	Okanogan River
Subbasin	Okanogan
Province	COLUMBIA CASCADE
Total Water Cost	\$400,000.00
CBWTP Funds Requested	\$300,000.00
Cost Share	\$100,000.00
Landowner Donation	\$-
Cost Share Source	Confederated Tribes of the Colville Indian Reservation
FY 2012 Funds Requested	\$15,000.00
Transaction Term	
Transaction Term	2012 - 2031
Timing of Increased Flow	4/1 - 10/31
Primary Protected Distance	
Sec. Benefited Distance:	1.30 Miles
Primary Protected Rate (max.)	5.00 cfs
Sec. Instream Rate (max):	0.00 cfs
Instream Volume (max)	65.50 AF
Instream Volume (min)	754.00 AF
Acres:	500.00 Acres
5th Field HUC	1702000603
Transaction Tool(s) Used	Long Term Lease
Method(s) of Increasing Flow	Full Season
ESU's Benefited	Steelhead ( <i>Oncorhynchus mykiss</i> ) - Upper Columbia River DPS
Resident Fish Benefited	Cutthroat Trout

