

Exhibit List
TSID Conserved Water Application
TSID Main Canal Piping Phase 8

- Exhibit A Application Map
- Exhibit B Notice of Intent: Confederated Tribes of Warm Springs
- Exhibit C Notice of Intent: Deschutes County Planning Department
- Exhibit D Notice of Intent: Jefferson County Planning Department
- Exhibit E Notice of Intent: City of Sisters Planning Department
- Exhibit F Evidence of Use Affidavit
- Exhibit G TSID Conserved Water Policy
- Exhibit H TSID Board Minutes
- Exhibit I Letter of Support: Oregon Department of Environmental Quality
- Exhibit J Letter of Support: Oregon Parks and Recreation Department
- Exhibit K Letter of Support: Oregon Department of Fish and Wildlife

RECEIVED

MAY 30 2017

OWRD

EXHIBIT A

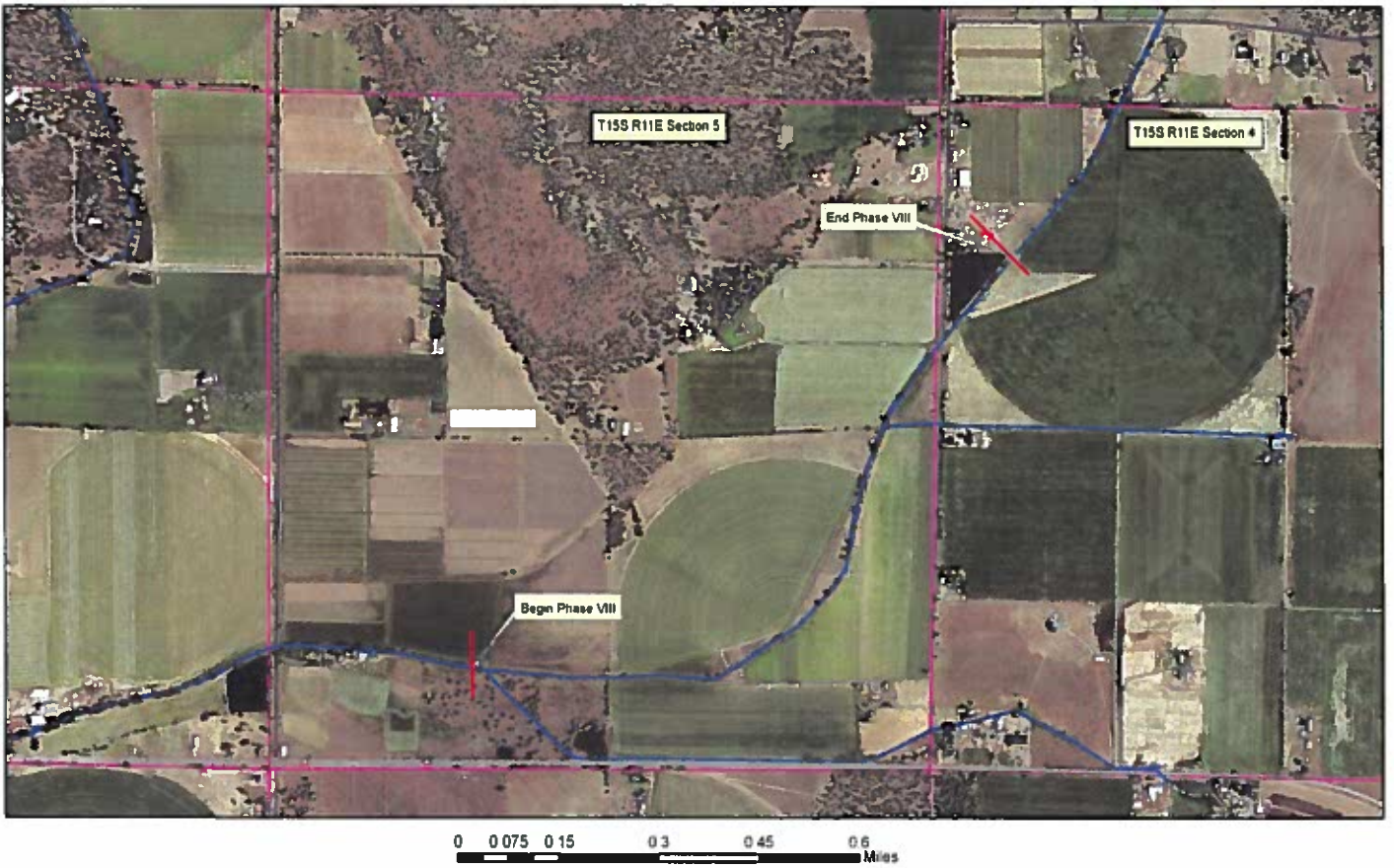
RECEIVED

MAY 30 2017

OWRD



TSID Phase VIII



RECEIVED

MAY 30 2017

OWRD

EXHIBIT B

RECEIVED

MAY 30 2017

OWRD



700 NW Hill St
Bend, OR 97703

June 20, 2016

Conf. Tribes of Warm Springs
Attn: Fish & Wildlife Committee
PO Box 1299
Warm Springs, OR 97761

RE: PROPOSED INSTREAM WATER TRANSFER(S) IN YOUR JURISDICTION

We are notifying you of our intent to transfer a portion of a water right to instream use. Three Sisters Irrigation District has submitted an application to the Oregon Water Resources Department changing the place of use and type of use of a portion of its water right from Whychus Creek from an out-of-stream use to permanent instream use, creating an instream water right from the Three Sisters Irrigation District's diversion structure upstream of Sisters to the confluence of Whychus Creek and the mainstem of the Deschutes River and then to Lake Billy Chinook.

Three Sisters Irrigation District will pipe approximately 4,400 feet of its main canal in 2016 and 2017. The project will generate 424 acre-feet of conserved water that will be allocated permanently instream, restoring stream flows by 1 cfs. If you have any questions regarding the proposed application(s), or are interested in receiving additional information, please contact me at the number or email listed below.

Sincerely,

Brett Golden, Director of Program Operations
(541) 420 – 5989 (mobile)
(541) 382 – 4077, x14 (office)
brett@deschutesriver.org

RECEIVED

MAY 30 2017

OWRD

EXHIBIT C

RECEIVED

MAY 30 2017

OWRD



700 NW Hill St
Bend, OR 97703

June 20, 2016

Deschutes County Planning Dept.
117 NW Lafayette Ave.
Bend, OR 97701

RE: PROPOSED INSTREAM WATER TRANSFER(S) IN YOUR JURISDICTION

We are notifying you of our intent to transfer a portion of a water right to instream use. Three Sisters Irrigation District has submitted an application to the Oregon Water Resources Department changing the place of use and type of use of a portion of its water right from Whychus Creek from an out-of-stream use to permanent instream use, creating an instream water right from the Three Sisters Irrigation District's diversion structure upstream of Sisters to the confluence of Whychus Creek and the mainstem of the Deschutes River and then to Lake Billy Chinook.

Three Sisters Irrigation District will pipe approximately 4,400 feet of its main canal in 2016 and 2017. The project will generate 424 acre-feet of conserved water that will be allocated permanently instream, restoring stream flows by 1 cfs. If you have any questions regarding the proposed application(s), or are interested in receiving additional information, please contact me at the number or email listed below.

Sincerely,

Brett Golden, Director of Program Operations
(541) 420 – 5989 (mobile)
(541) 382 – 4077, x14 (office)
brett@deschutesriver.org

RECEIVED
MAY 30 2017
OWRD

EXHIBIT D

RECEIVED

MAY 30 2017

OWRD



700 NW Hill St
Bend, OR 97703

June 20, 2016

Jefferson County Planning Department
85 SE D St
Madras, OR 97741

RE: PROPOSED INSTREAM WATER TRANSFER(S) IN YOUR JURISDICTION

We are notifying you of our intent to transfer a portion of a water right to instream use. Three Sisters Irrigation District has submitted an application to the Oregon Water Resources Department changing the place of use and type of use of a portion of its water right from Whychus Creek from an out-of-stream use to permanent instream use, creating an instream water right from the Three Sisters Irrigation District's diversion structure upstream of Sisters to the confluence of Whychus Creek and the mainstem of the Deschutes River and then to Lake Billy Chinook.

Three Sisters Irrigation District will pipe approximately 4,400 feet of its main canal in 2016 and 2017. The project will generate 424 acre-feet of conserved water that will be allocated permanently instream, restoring stream flows by 1 cfs. If you have any questions regarding the proposed application(s), or are interested in receiving additional information, please contact me at the number or email listed below.

Sincerely,

Brett Golden, Director of Program Operations
(541) 420 – 5989 (mobile)
(541) 382 – 4077, x14 (office)
brett@deschutesriver.org

RECEIVED

MAY 30 2017

OWRD

EXHIBIT E

RECEIVED

MAY 30 2017

OWRD



700 NW Hill St
Bend, OR 97703

June 20, 2016

City of Sisters Planning Dept.
PO Box 39
Sisters, OR 97759

RE: PROPOSED INSTREAM WATER TRANSFER(S) IN YOUR JURISDICTION

We are notifying you of our intent to transfer a portion of a water right to instream use. Three Sisters Irrigation District has submitted an application to the Oregon Water Resources Department changing the place of use and type of use of a portion of its water right from Whychus Creek from an out-of-stream use to permanent instream use, creating an instream water right from the Three Sisters Irrigation District's diversion structure upstream of Sisters to the confluence of Whychus Creek and the mainstem of the Deschutes River and then to Lake Billy Chinook.

Three Sisters Irrigation District will pipe approximately 4,400 feet of its main canal in 2016 and 2017. The project will generate 424 acre-feet of conserved water that will be allocated permanently instream, restoring stream flows by 1 cfs. If you have any questions regarding the proposed application(s), or are interested in receiving additional information, please contact me at the number or email listed below.

Sincerely,

Brett Golden, Director of Program Operations
(541) 420 – 5989 (mobile)
(541) 382 – 4077, x14 (office)
brett@deschutesriver.org

RECEIVED

MAY 30 2017

OWRD

EXHIBIT F

RECEIVED

MAY 30 2017

OWRD

Exhibit E
**Application for Water Right
 Transfer
 Evidence of Use Affidavit**



Oregon Water Resources Department
 725 Summer Street NE, Suite A
 Salem, Oregon 97301-1266
 (503) 986-0900
 www.wrd.state.or.us

Please print legibly or type. Be as specific as possible. Attach additional pages if you need more spacing.
 Supporting documentation must be attached.

State of Oregon)
) ss
 County of Deschutes)

I, Marc Thalacker, in my capacity as TSID Manager,
 mailing address PO Box 2230, Sisters, OR 97759
 telephone number (541) 549-8815, being first duly sworn depose and say:

1. My knowledge of the exercise or status of the water right is based on (check one):
 Personal observation Professional expertise

2. I attest that:

Water was used during the previous five years on the entire place of use for
 Certificate # 74135; OR

My knowledge is specific to the use of water at the following locations within the last five years:

Certificate #	Township	Range	Mer	Sec	¼ ¼	Gov't Lot or DLC	Acres (if applicable)

OR

- Confirming Certificate # _____ has been issued within the past five years; OR
 Part or all of the water right was leased instream at some time within the last five years. The
 instream lease number is: _____ (Note: If the entire right proposed for
 transfer was not leased, additional evidence of use is needed for the portion not leased instream.); OR
 The water right is not subject to forfeiture and documentation that a presumption of forfeiture for
 non-use would be rebutted under ORS 540.610(2) is attached.
 Water has been used at the actual current point of diversion or appropriation for more than
 10 years for Certificate # _____ (For Historic POD/POA Transfers)

(continues on reverse side)

RECEIVED

MAY 30 2017

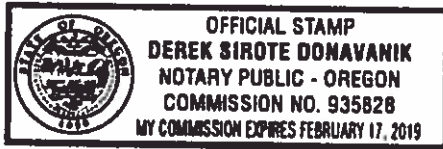
OWRD

3. The water right was used for: (e.g., crops, pasture, etc.): Irrigation including crops, pasture, industrial stock water, pond maintenance and some acres leased instream.
4. I understand that if I do not attach one or more of the documents shown in the table below to support the above statements, my application will be considered incomplete.

Maureen Delach
Signature of Affiant

8/11/2016
Date

Signed and sworn to (or affirmed) before me this 11th day of August, 2016.



Derek Sirote Donavanik
Notary Public for Oregon

My Commission Expires: 2-17-19

Supporting Documents	Examples
<input type="checkbox"/> Copy of a water right certificate that has been issued within the last five years. (not a remaining right certificate)	Copy of confirming water right certificate that shows issue date
<input type="checkbox"/> Copies of receipts from sales of irrigated crops or for expenditures related to use of water	<ul style="list-style-type: none"> • Power usage records for pumps associated with irrigation use • Fertilizer or seed bills related to irrigated crops • Farmers Co-op sales receipt
<input checked="" type="checkbox"/> Records such as FSA crop reports, irrigation district records, NRCS farm management plan, or records of other water suppliers	<ul style="list-style-type: none"> • District assessment records for water delivered ✓ • Crop reports submitted under a federal loan agreement • Beneficial use reports from district • IRS Farm Usage Deduction Report • Agricultural Stabilization Plan • CREP Report
<input type="checkbox"/> Aerial photos containing sufficient detail to establish location and date of photograph	<p>Multiple photos can be submitted to resolve different areas of a water right. If the photograph does not print with a "date stamp" or without the source being identified, the date of the photograph and source should be added.</p> <p>Sources for aerial photos: OSU – www.oregonexplorer.info/imagery OWRD – www.wrd.state.or.us Google Earth – earth.google.com TerraServer – www.terraserver.com</p>
<input checked="" type="checkbox"/> Approved Lease establishing beneficial use within the last 5 years	Copy of instream lease or lease number

RECEIVED
MAY 30 2017
OWRD

METER BILLING 2014

Acct	Meter	Ac ft del	Prior/1895	Junior	Additional AC FT Del	Ac Del Charge	Minimum Ac ft	Minimum Ac ft ch	TOTAL	Last
1195	ASm001	0.00	0.50	0.00	0.00	\$0.00	1.00	\$8.50	\$8.50	Mohr
1070	ASm002	53.53	49.57	0.00	0.00	\$455.01	99.14	\$842.69	\$842.69	Smith
1022	ASm003	227.03	65.18	0.00	96.67	\$1,929.76	130.36	\$1,108.06	\$1,929.76	Veirostek
1059	ASm004	113.84	24.50	0.00	64.84	\$967.64	49.00	\$416.50	\$967.64	McKibbin
1129	ASm005	15.00	7.50	0.00	0.00	\$127.50	15.00	\$127.50	\$127.50	Dykes
1124	AS09	0.00	1.60	0.00	0.00	\$0.00	3.20	\$27.20	\$27.20	Barber
1082	AS02	482.09	182.50	16.50	100.59	\$4,097.77	381.50	\$3,242.75	\$4,097.77	Thalacker
1097	BBm001	56.00	28.00	0.00	0.00	\$476.00	56.00	\$476.00	\$476.00	Ferera
1045	BBm002	13.60	0.00	6.80	6.80	\$115.60	6.80	\$57.80	\$115.60	St. Clair
1011	BBm003	2.55	0.00	7.50	7.50	\$21.68	7.50	\$63.75	\$63.75	Brandon
1036	BBm004	22.88	4.20	0.00	14.48	\$194.48	8.40	\$71.40	\$194.48	Kelley
1012	BBm005	14.32	5.00	5.20	5.20	\$121.72	15.20	\$129.20	\$173.40	Burdick
1091	BBm006	61.54	16.70	0.00	28.14	\$523.09	33.40	\$283.90	\$523.09	Gibbs
1072	BBm007	0.00	1.80	0.00	0.00	\$0.00	3.60	\$30.60	\$30.60	Shirazi
1102	BBm008	14.84	5.80	0.00	3.24	\$126.14	11.60	\$98.60	\$126.14	Thomas/McCoy
1168	BBm008	27.83	19.80	0.00	0.00	\$236.56	39.60	\$336.60	\$336.60	Taylor
1027	BBm010	0.00	15.00	0.00	0.00	\$0.00	30.00	\$255.00	\$255.00	Foster
1188	BBm011	20.37	8.00	1.10	3.27	\$173.15	17.10	\$145.35	\$173.15	Ludi
1185	BBm012	24.44	14.50	3.50	3.50	\$207.74	32.50	\$276.25	\$276.25	D'Paolo
1194	BBm013	18.61	23.00	0.50	0.50	\$158.19	46.50	\$395.25	\$395.25	Tisher
1073	BBm014	144.15	65.00	19.50	19.50	\$1,225.28	149.50	\$1,270.75	\$1,270.75	Parks
1060	BBm015	275.48	204.00	0.00	0.00	\$2,341.58	408.00	\$3,468.00	\$3,468.00	Sparks
1169	BBm017	12.89	5.00	0.00	2.89	\$109.57	10.00	\$85.00	\$109.57	Kibak
1044	BBm018	59.48	27.00	0.00	5.48	\$505.58	54.00	\$459.00	\$505.58	Lawrence
1093	BBm019	657.22	124.00	11.50	397.72	\$5,586.37	259.50	\$2,205.75	\$5,586.37	Simpson1
1003	BBm020	484.23	117.00	17.00	233.23	\$4,115.96	251.00	\$2,133.50	\$4,115.96	Dutson
1108	BBm021	731.71	229.50	12.50	260.21	\$6,219.54	471.50	\$4,007.75	\$6,219.54	Long Hollow
1006		36.20	41.50	6.00	6.00	\$307.70	89.00	\$756.60	\$756.60	Frost
1055	BBm022	57.00	28.50	0.00	0.00	\$484.50	57.00	\$484.50	\$484.50	Kronberg
1039	BBm023	310.40	69.00	5.00	167.40	\$2,638.40	143.00	\$1,215.50	\$2,638.40	Kidson 1
1039	BBm024	0.00			0.00	\$0.00	0.00	\$0.00	\$0.00	Kidson 2
1053	BBm025	787.21	99.00	93.00	496.21	\$6,691.29	291.00	\$2,473.50	\$6,691.29	Mulkey
1016	BBm026	625.09	84.50	211.50	651.45	\$5,313.27	380.50	\$3,234.25	\$5,313.27	Cooper 1
1016	BBm027	406.86						\$0.00	\$0.00	Cooper 2

RECEIVED

MAY 30 2017

CWRB

METER BILLING 2014

Acct	Meter	Ac ft del	Prior/1895	Junior	Additional	Ac Del	Minimum	Minimum	TOTAL	Last
1005	CDm001	23.20	11.60	0.00	0.00	\$197.20	23.20	\$197.20	\$197.20	Mansker
1137	CDm002	17.40	17.40	0.00	0.00	\$147.90	34.80	\$295.80	\$295.80	Miller
1138	CDm003	4.00	25.84	0.00	0.00	\$34.00	51.68	\$439.28	\$439.28	Cornick
1076	CDm004	37.10	10.70	0.00	15.70	\$315.35	21.40	\$181.90	\$315.35	Stengel
1020	CDm005	30.60	15.30	0.00	0.00	\$260.10	30.60	\$260.10	\$260.10	Evered
1050	CDm006	261.60	40.00	0.00	181.60	\$2,223.60	80.00	\$680.00	\$2,223.60	Christensen
1147	HSSm02	57.25	8.50	0.00	40.25	\$486.63	17.00	\$144.50	\$486.63	Affatali
1148	HSSm03	53.01	8.00	0.00	37.01	\$450.59	16.00	\$136.00	\$450.59	Barker
1181	HSSm04	46.64	8.50	0.00	29.64	\$396.44	17.00	\$144.50	\$396.44	Sitz
1146	HSSm05	55.13	8.50	0.00	38.13	\$468.61	17.00	\$144.50	\$468.61	Durham
1144	11-04015-04					\$0.00				HMA
1024	11-04016-04	11.54	3.40	0.00	4.74	\$98.09	6.80	\$57.80	\$98.09	Hamlin
1083	11-04017-04	11.10	4.10	0.00	2.90	\$94.35	8.20	\$69.70	\$94.35	Churley
1144	HSMm01,06	68.19	17.20	0.00	33.79	\$579.62	34.40	\$292.40	\$579.62	DHurtley
1031	02-01726-4	8.14	4.80	0.00	0.00	\$69.19	9.60	\$81.60	\$81.60	Weber
1166	11-01418-04	40.84	9.00	0.00	22.84	\$347.14	18.00	\$153.00	\$347.14	Owens
1144	11-0414-04					\$0.00				HM7
1163	HSNm02	8.38	2.00	0.00	4.38	\$71.23	4.00	\$34.00	\$71.23	Saisbury
1143	HSNm03	8.32	2.00	0.00	4.32	\$70.72	4.00	\$34.00	\$70.72	Solz
1109	HSNm04	8.12	5.00	0.00	0.00	\$69.02	10.00	\$85.00	\$85.00	Carollo
1190	HSNm05	30.75	7.30	0.00	16.15	\$261.38	14.60	\$124.10	\$261.38	Gloekner
1193	HSNm06	18.88	6.00	0.00	6.88	\$160.48	12.00	\$102.00	\$160.48	Kelley, Mark
1177	HSNm07	17.74	8.00	0.00	1.74	\$150.79	16.00	\$136.00	\$150.79	Kennedy
1182	HSNm08	54.94	7.80	0.00	39.34	\$466.99	15.60	\$132.60	\$466.99	Affatali
1156	HSNm09	16.64	4.00	0.00	8.64	\$141.44	8.00	\$68.00	\$141.44	Mohnen
1175	HSNm10	10.40	2.50	0.00	5.40	\$88.40	5.00	\$42.50	\$88.40	Temple
1155	HSNm11	4.00	4.00	0.00	0.00	\$34.00	8.00	\$68.00	\$68.00	Small
1164	HSNm12	20.81	5.00	0.00	10.81	\$176.89	10.00	\$85.00	\$176.89	SusanConner
1192	HSNm13	8.32	2.00	0.00	4.32	\$70.72	4.00	\$34.00	\$70.72	Larson
1144	HSNm14	8.32	2.00	0.00	4.32	\$70.72	4.00	\$34.00	\$70.72	Hurtley
1162	HSNm15	8.32	2.00	0.00	4.32	\$70.72	4.00	\$34.00	\$70.72	BrianConner
1153	HSNm16	5.28	2.00	0.00	1.28	\$44.88	4.00	\$34.00	\$44.88	Ward
1154	HSNm17	4.99	4.00	0.00	0.00	\$42.42	8.00	\$68.00	\$68.00	Mickaelson
1149	HSNm18	7.92	4.00	0.00	0.00	\$67.32	8.00	\$68.00	\$68.00	Krohn
1150	HSNm19	4.64	2.00	0.00	0.64	\$39.44	4.00	\$34.00	\$39.44	Johnson

RECEIVED
MAY 30 2017
OWRD

METER BILLING 2014

Acct	Meter	Ac Ft del	Prior/1895	Junior	Additional	Ac Del	Minimum	Minimum	TOTAL	Last
1145	HSNm20	7.88	3.50	0.00	0.88	\$66.98	7.00	\$59.50	\$66.98	Mitchell
1151	HSNm21	1.78	4.00	0.00	0.00	\$15.13	8.00	\$68.00	\$68.00	Hakes
1160	HSNm22	1.49	4.00	0.00	0.00	\$12.67	8.00	\$68.00	\$68.00	Harris
1159	HSNm22	8.32	2.00	0.00	4.32	\$70.72	4.00	\$34.00	\$70.72	Swearingen
1158	HSNm23	12.48	3.00	0.00	6.48	\$106.08	6.00	51.00	\$106.08	Duey
1157	HSNm24	16.64	4.00	0.00	8.64	\$141.44	8.00	\$68.00	\$141.44	Falco
1161	HSNm25	24.97	6.00	0.00	12.97	\$212.25	12.00	\$102.00	\$212.25	Nelson
1165	HSNm26	4.00	4.00	0.00	0.00	\$34.00	8.00	\$68.00	\$68.00	Goodwin
1134	CDm007	43.79	17.50	0.00	8.79	\$372.22	35.00	\$297.50	\$372.22	Fackler
1173	CDm008	2.00	4.00	0.00	0.00	\$17.00	8.00	\$68.00	\$68.00	Bieber
1075	CDm009	184.50	56.00	5.50	67.00	\$1,568.25	117.50	\$998.75	\$1,568.25	Faris
1047	CDm010	733.47	328.40	36.80	39.87	\$6,234.50	693.60	\$5,895.60	\$6,234.50	Pine Ridge Ranch
1172	CDm011	15.00	0.00	33.00	33.00	\$127.50	33.00	\$280.50	\$561.00	Drake
1174	CDm012	6.00	3.00	0.00	0.00	\$51.00	6.00	\$51.00	\$51.00	Hougham
1056	CDm015	443.51	90.00	0.00	263.51	\$3,769.84	180.00	\$1,530.00	\$3,769.84	Gillespie
1178	UJm002	0.00	0.00	5.00	5.00	\$0.00	5.00	\$42.50	\$85.00	Willitts
1176	UJm003	397.97	83.00	0.00	231.97	\$3,382.75	166.00	\$1,411.00	\$3,382.75	Rognlien
1103	UJm004	118.20	0.00	59.10	0.00	\$1,004.70	59.10	\$502.35	\$1,004.70	Lazy Z
1196	UJm005	40.63	0.00	63.00	0.00	\$345.36	63.00	\$535.50	\$535.50	Amestoy
1189	UJm006	389.35	80.70	113.90	114.05	\$3,309.48	275.30	\$2,340.05	\$4,278.90	Morrow
1199	UJm007	448.78	155.50	0.00	137.78	\$3,814.63	311.00	\$2,643.50	\$3,814.63	City of Sisters
1084	FR01	119.40	53.90	15.10	15.10	\$1,014.90	122.90	\$1,044.65	\$1,173.00	Mansker
1186	FR01	92.55	51.10	0.00	0.00	\$786.68	102.20	\$868.70	\$868.70	Apregan
1042	FRm003	25.00	10.00	0.00	5.00	\$212.50	20.00	\$170.00	\$212.50	Bend/Sisters
1179	FRm004	40.10	20.00	0.00	0.10	\$340.85	40.00	\$340.00	\$340.85	Rodeo Assoc.1
1179	FRm005									Rodeo Assoc.2
1110	FRm005	75.00	25.00	0.00	25.00	\$637.50	50.00	\$425.00	\$637.50	Rubbert
1065	FRm006	128.42	0.00	40.00	88.42	\$1,091.57	40.00	\$340.00	\$1,091.57	Herring
1184	FRm007	121.92	23.00	2.00	73.92	\$1,036.32	48.00	\$408.00	\$1,036.32	Koos
1090	FRm008	694.99	170.60	0.00	353.79	\$5,907.42	341.20	\$2,900.20	\$5,907.42	Vetterleins
1132	FRm009	30.50	11.00	8.50	8.50	\$259.25	30.50	\$259.25	\$259.25	Wattenburg
1131	FRm010	43.05	11.50	9.00	11.05	\$365.93	32.00	\$272.00	\$365.93	Bartolotta
1098	MCm017	148.50	49.50	0.00	49.50	\$1,262.25	99.00	\$841.50	\$1,262.25	Halousek
1115	MC	11.00	5.50	0.00	0.00	\$93.50	11.00	\$93.50	\$93.50	Halousek (Falls)
1118	MCm018	57.32	14.00	0.00	29.32	\$487.22	28.00	\$238.00	\$487.22	Prele
1007	MCm004	173.79	47.60	0.00	78.59	\$1,477.22	95.20	\$809.20	\$1,477.22	Grisham
1128	MCm014	46.03	16.00	0.00	14.03	\$391.26	32.00	\$272.00	\$391.26	Hoff

RECEIVED
MAY 30 2017
OWRD

METER BILLING 2014

Acct	Meter	Ac ft del	Prior/1895	Junior	Additional	Ac Del	Minimum	Minimum	TOTAL	Last
1080	MCm016	59.22	22.00	0.00	15.22	\$503.37	44.00	\$374.00	\$503.37	Taylor, J
1080	VRm001b									Taylor, J2
1087	MC02	120.28	33.57	0.00	53.14	\$1,022.38	67.14	\$570.69	\$1,022.38	Chelew, Donald
1170	MC01	63.21	21.07	0.00	21.07	\$537.29	42.14	\$358.19	\$537.29	Pendleton (Trone
1100	MC31	1.64	14.50	0.00	0.00	\$13.94	29.00	\$246.50	\$246.50	Slagle
1116	MC34	41.83	14.00	0.00	13.83	\$355.56	28.00	\$238.00	\$355.56	Daday
1089	MC12	0.00	32.00	0.00	0.00	\$0.00	64.00	\$544.00	\$544.00	Trachsel
1061	MC04	64.76	12.50	1.00	38.76	\$550.46	26.00	\$221.00	\$550.46	Eisbeth
1117	MCm	27.66	0.00	10.00	17.66	\$235.11	10.00	\$85.00	\$235.11	Nulton
1071	MCm003	8.00	4.00	0.00	0.00	\$68.00	8.00	\$68.00	\$68.00	Wilder
1041	MC08	28.00	14.00	0.00	0.00	\$238.00	28.00	\$238.00	\$238.00	Drinkward
1049	MC03									OlsonEast Point
1049	MC04	421.78	98.90	0.00	223.98	\$3,585.13	197.80	\$1,681.30	\$3,585.13	Olson
1015	MC35	28.00	14.00	0.00	0.00	\$238.00	28.00	\$238.00	\$238.00	Cochran
1001	MCm026	160.30	75.00	0.00	10.30	\$1,362.55	150.00	\$1,275.00	\$1,362.55	Friend
1063	MCm	154.97	47.00	0.00	60.97	\$1,317.25	94.00	799.00	\$1,317.25	Baker
1078	MC06	16.00	16.00	0.00	0.00	\$136.00	32.00	\$272.00	\$272.00	Slotts
1021	MC07	15.00	15.00	0.00	0.00	\$127.50	30.00	\$255.00	\$255.00	Felrow
1088	MC13	61.00	30.50	0.00	0.00	\$518.50	61.00	\$518.50	\$518.50	Hull-Koops
1017	SDm001	461.46	148.50	0.00	164.46	\$3,922.41	297.00	\$2,524.50	\$3,922.41	Schaad
1136	SDm004	71.46	34.50	0.00	2.46	\$607.41	69.00	\$586.50	\$607.41	Willse
1048	SDm002	84.00	28.00	0.00	28.00	\$714.00	56.00	\$476.00	\$714.00	Herold
1009	SDm003	126.00	42.00	0.00	42.00	\$1,071.00	84.00	\$714.00	\$1,071.00	Brockway
1086	MC18	734.74	330.30	0.00	74.14	\$6,245.29	660.60	\$5,615.10	\$6,245.29	Jones, Becky
1086	MC19									Jones, Becky
1057	ZD04	22.68	16.00	0.00	0.00	\$192.78	32.00	\$272.00	\$272.00	McKeever
1096	ZD03	30.50	20.00	0.00	0.00	\$259.25	40.00	\$340.00	\$340.00	Poolo
1004	ZD05	7.30	17.00	0.00	0.00	\$62.05	34.00	\$289.00	\$289.00	Barclay
1081	ZD01	0.89	16.00	0.00	0.00	\$7.57	32.00	\$272.00	\$272.00	Tewall
1040	ZD02	39.49	16.00	0.00	7.49	\$335.67	32.00	\$272.00	\$335.67	King
1104	MCm012	259.54	61.00	0.00	137.54	\$2,206.09	122.00	\$1,037.00	\$2,206.09	Temple (Patterson
1046										Cyrusk1
1046										Cyrusk2
1046										Cyrusk3
1046	MC05 BP									MC05 BP Weir
1046	MC05 BP	918.51	84.47	295.40	454.17	\$7,807.34	464.34	\$3,946.89	\$7,807.34	Cyrus, K&C
1046	Cinder Pll	144.86	49.51	10.40	35.44	\$1,231.31	109.42	\$930.07	\$1,231.31	Cyrus, K&C
1046	Cyrus Well	193.00								Cyrus Well

RECEIVED
MAY 30 2017
OWRD

METER BILLING 2014

Acct	Meter	Ac ft del	Prior/1895	Junior	Additional	Ac Del	Minimum	Minimum	TOTAL	Last
1038	MCm008	66.00	0.00	0.00	66.00	\$561.00	\$0.00	\$0.00	\$561.00	Keeton B1
1038	MCm009	100.00	0.00	0.00	100.00	\$850.00	\$0.00	\$0.00	\$850.00	Keeton B2
1038	MCm010	124.00	0.00	0.00	124.00	\$1,054.00	\$0.00	\$0.00	\$1,054.00	Keeton B3
1085	MCm006	543.90	240.50	0.00	62.90	\$4,623.15	\$4,088.50	\$4,088.50	\$4,623.15	Fronk1
1085	MCm022			0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	Fronk2
1014	BDm001	124.23	135.00	0.00	0.00	\$1,055.96	\$2,295.00	\$2,295.00	\$2,295.00	French
1002	MCm005	251.05	56.00	0.00	139.05	\$2,133.93	\$952.00	\$952.00	\$2,133.93	Gillespie
1140	MC25	201.98	65.00	0.00	71.98	\$1,716.83	\$1,105.00	\$1,105.00	\$1,716.83	Swaner2
1095	BDm003	26.65	13.00	0.00	0.65	\$226.53	\$221.00	\$221.00	\$226.53	Goodwin
1063	BDm004	21.32	7.50	0.00	6.32	\$181.22	\$127.50	\$127.50	\$181.22	Rogers
1025	BDm005	32.78	9.00	0.00	14.78	\$278.63	\$153.00	\$153.00	\$278.63	Rinke
1029	BDm006	29.85	20.00	0.00	0.00	\$253.73	\$340.00	\$340.00	\$340.00	Hicks
1043	MCm007	100.00	40.00	0.00	20.00	\$850.00	\$680.00	\$680.00	\$850.00	Boyer
1008	MCm001	79.30	35.00	0.00	9.30	\$674.05	\$595.00	\$595.00	\$674.05	Swaner
1033	MCm019	37.32	15.50	0.00	6.32	\$317.22	\$263.50	\$263.50	\$317.22	Elwing
1026	MCm019	21.00	8.00	0.00	5.00	\$178.50	\$136.00	\$136.00	\$178.50	F & L 2
1125	MCm020	26.57	6.23	0.00	14.11	\$225.85	\$105.91	\$105.91	\$225.85	Vendetti
1114	MCm027	0.00	4.77	0.00	0.00	\$0.00	\$81.09	\$81.09	\$81.09	Peterson
1126	MCm021	7.27	3.00	0.00	1.27	\$61.80	\$51.00	\$51.00	\$61.80	McMonagle
1077	MCm015	10.00	7.00	0.00	0.00	\$85.00	\$119.00	\$119.00	\$119.00	Stephenson
1111	MCm013	10.00	5.00	0.00	0.00	\$85.00	\$85.00	\$85.00	\$85.00	Biggers
1023	MCm011	53.98	16.00	0.00	21.98	\$458.83	\$272.00	\$272.00	\$458.83	Moen
1180	MCm028	8.22	5.00	0.00	0.00	\$69.87	\$85.00	\$85.00	\$85.00	Baldwin
1101	MCm011	26.61	8.00	0.00	10.61	\$226.19	\$136.00	\$136.00	\$226.19	Worcester
1113	MCm011	53.77	15.00	0.00	23.77	\$457.05	\$255.00	\$255.00	\$457.05	Brand
1051	MCm011	80.66	30.00	0.00	20.66	\$685.61	\$510.00	\$510.00	\$685.61	Angel
1167	MCm024	8.00	4.00	0.00	0.00	\$68.00	\$68.00	\$68.00	\$68.00	Crawford
1052	MCm023	15.00	5.00	0.00	5.00	\$127.50	\$85.00	\$85.00	\$127.50	Crenshaw
1112	MCm002	27.00	9.00	0.00	9.00	\$229.50	\$153.00	\$153.00	\$229.50	Molesworth
		17889.77	4919.36	1094.00	6844.83	\$138,773.30	11,003.02	\$92,928.12	\$147,692.43	

RECEIVED

MAY 30 2017

OWRD

WEIR BILLING 2014

Acct	Weir	Ac ft del	Prior/1895	Junior	Additional AC FT Del	Ac DelCh	Minimum Ac Ft.	Minimum Ac Ft. Ch	TOTAL	Last
1062	BD15.16	269.64	147.00	0.00	0.00	\$2,291.94	294.00	\$2,499.00	\$2,499.00	Redfield
1018	CD07	378.68	80.00	17.50	361.18	\$457.05	17.50	\$148.75	\$577.75	Cyrus, K&C
1013	CD08	38.83	10.00	0.00	18.83	\$330.06	20.00	\$170.00	\$330.06	Cyrus, Connie
1069	CD09	139.83	40.00	0.00	59.83	\$1,188.56	80.00	\$680.00	\$1,188.56	Salmon
1064	CD12	51.24	17.00	0.00	17.24	\$435.54	34.00	\$289.00	\$435.54	Richardson
1058	CD13	10.50	10.50	0.00	0.00	\$89.25	21.00	\$178.50	\$178.50	Pollard
1094	CD14	50.60	3.00	11.00	33.60	\$430.10	17.00	\$144.50	\$430.10	Kline
1032	CD18	21.87	6.00	0.00	9.87	\$185.90	12.00	\$102.00	\$185.90	Jeffers
1200	CD22	10.51	7.50	0.00	0.00	\$89.34	15.00	\$127.50	\$127.50	Gillespie (Paulus)
1092	FR05	24.00	10.00	2.00	2.00	\$204.00	22.00	\$187.00	\$204.00	Kimberley
1010	FR07	35.47	14.00	0.00	7.47	\$301.50	28.00	\$238.00	\$301.50	Hunter
1121	FR10	116.66	10.00	3.50	93.16	\$991.61	23.50	\$199.75	\$991.61	Sprague
1035	FR11	84.51	10.50	6.00	57.51	\$718.34	27.00	\$229.50	\$718.34	Keith
1187	LZ10	0.00	10.50	63.00	0.00	\$0.00	84.00	\$714.00	\$714.00	R&B Ranch
1067	MC00	105.34	40.00	0.00	25.34	\$895.39	80.00	\$680.00	\$447.70	Runco
1019	MC20	449.42	134.30	0.00	180.82	\$3,820.07	268.60	\$2,283.10	\$3,820.07	Cyrus, Matt
1074	MC21	0.00	2.00	0.00	0.00	\$0.00	4.00	\$34.00	\$34.00	Sisters School
1028	MC26	385.83	117.00	0.00	151.83	\$3,279.56	234.00	\$1,989.00	\$3,279.56	Eady
1079	MC30	78.40	25.10	0.00	28.20	\$666.40	50.20	\$426.70	\$666.40	Enger
1037	MC51	577.88	115.50	0.00	346.88	\$4,911.98	231.00	\$1,963.50	\$4,911.98	Keeton
1105	MC52	564.51	173.00	0.00	218.51	\$4,798.34	346.00	\$2,941.00	\$4,798.34	Keeton
1191		14.00	3.40	0.00	7.20	\$119.00	6.80	\$57.80	\$119.00	Weston
		3,407.72	986.30	103.00	1,619.47	\$26,203.89	1,915.60	\$16,282.60	\$26,989.37	

RECEIVED

MAY 30 2017

OWRD

EXHIBIT G

RECEIVED

MAY 30 2017

OWRD

Three Sisters Irrigation District

Conserved Water Policy

Adopted July 5th, 2005

Reviewed & Adopted July 6, 2010

Reviewed & Adopted September 1, 2015

A. Authority & Purpose. The Board of Directors (the “**Board**”) of the Three Sisters Irrigation District (the “**District**”) is required to adopt this Conserved Water Policy (this “**Policy**”) pursuant to Oregon Administrative Rule (“**OAR**”) 690-018-0025 if the district wants to allocate conserved water. The rule requires that if the District seeks allocations of conserved water pursuant to ORS 537.455 to 537.500, then it must adopt a policy that, at a minimum:

- Describes how water saved by conservation measures will be allocated by the District
- Describes how the District will address the allocation of conserved water percentages under ORS 537.470
- Provides District patrons the opportunity to fund a share of the conservation project that is proportionate to the patron’s share of the water rights involved in the allocation of conserved water and to receive a corresponding share of the conserved water
- Provides District patrons an opportunity to petition for a vote by all District patrons on this Policy
- Provides District patrons an opportunity to appeal a proposed District conservation project to the Board for failure to follow this Policy

The purpose of this Policy is to provide District patrons with the information required by OAR 690-018-0025 and to set the procedures by which this Policy will be implemented.

B. Definitions. The following definitions shall apply in this Policy.

1. “**Commission**” means the Water Resources Commission.
2. “**Conservation**” means the reduction of the amount of water diverted to satisfy an existing beneficial use achieved either by improving the technology or method for diverting, transporting, applying or recovering the water or by implementing other approved conservation measures.
3. “**Conserved Water**” means that amount of water that results from conservation measures, measured as the difference between:

RECEIVED

MAY 30 2017

OWRD

- a. The smaller of the amount stated on the water right or the maximum amount of water that can be diverted using the existing facilities; and
 - b. The amount of water needed after implementation of conservation measures to meet the beneficial use under the water right certificate.
4. **“District Allocation”** means the amount of Conserved Water allocated to the District by the Commission.
5. **“Funding Patron”** means a patron or patrons of the District that funds all or a portion of a water conservation project as provided in paragraph C of this Policy.
6. **“Funding Partner”** means a granting agency including Federal, State or local agencies as well as non-profits that fund a portion of the water conservation project. Examples include but not limited to DRC- Deschutes River Conservancy, OWEB- Oregon Watershed Enhancement Board, NFWF- National Fish and Wildlife Foundation, BOR- Bureau of Reclamation, NRCS- National Resources Conservation Service, USFS – United States Forest Service, Soil & Water Conservation Districts, Watershed Councils, PGE, Tribes of Warm Springs, Bonneville Environmental Foundation, Northwest Power Conservation Council, Oregon Water Trust, etc.
- C. **Applicability.** This Policy applies only to applications for allocations of conserved water filed with the Oregon Water Resources Department by the District after November 5, 2004. This Policy does not apply to applications for allocations of conserved water filed by individuals, including District patrons.
- D. **Conservation Projects with Funding Partners.** For funding partners, conserved water will be divided into 2 portions. Saved water portion and conserved water application portion. The saved water will be used to firm up supply of the deliveries to existing water rights in the district. The conserved water application portion will be used to secure grant funding from funding partners to pay for the materials needed for the conservation project.

For a Funding Partner:

Total project cost	\$600,000.00
Total conserved water	1,000 acre feet
Funding partners contribution	\$300,000.00
Conserved water portion	500 acre feet
(covers 25% in stream required by statute)	
District in-kind Contribution	\$300,000.00
Saved water portion	500 acre feet
(shared by all patrons)	
For funding partners cost per acre ft	\$600.00

RECEIVED

MAY 30 2017

OWRD

- E. **Patrons May Fund Part of Water Conservation Project.** Patrons may fund a water conservation project in an amount that is proportionate to the patron's share of the water rights involved in the allocation of Conserved Water. Patrons that provide funding to the District for a water conservation project in advance, or within one year of, the District first making expenditures for the conservation project shall be a Funding Patron and receive the portion of the District Allocation to which Funding Patron is entitled under this Policy. Proportionate costs will include all costs associated not only with the completion of the project, but those costs associated with the planning and design of the project, all accompanying and necessary application and processing fees, including but not limited to legal and consulting fees to secure the Final Order from the Oregon Water Resources Department, and/or to respond to any legal challenges subsequent to receipt of the Final Order until conclusively resolved as determined by the Board of Directors.

For a Patron Funding 100% of Project:

Total project costs	\$600,000.00
Total conserved water	1,000 acre feet
Minimum in-stream contribution (required by statute)	250 acre feet – 25%
Net available acre feet to funding patron	750 acre feet
For funding patrons cost per acre ft	\$800.00

- F. **Allocation of Conserved Water.** Except for a Funding Patron, no patron shall be entitled to any of the District Allocation other than the amount necessary to maintain the patron's full delivery rate at its regular turn out(s). A Funding Patron shall be entitled to a portion of the District Allocation equal to the percentage of the funding for the water conservation project paid to the District by the Funding Patron.
- G. **Petitions to Vote on Policy.** District patrons may petition the Board to hold a vote of all District patrons on the approval of this Policy. The petition must be signed by fifty or more qualified electors within the District pursuant to ORS 545.199(1)(b) to be valid and to cause the District to hold a vote. Upon receiving a valid petition, the District shall hold a vote of all District patrons. The vote shall be whether to approve or reject this Policy. The vote shall be conducted according to the laws and procedures that govern District elections.

RECEIVED

MAY 30 2017

OWRD

- H. **Approval of Project by Board.** Proposed water conservation projects shall be discussed and approved by the Board at any one of its regularly scheduled Board meetings. The Board shall limit its consideration to whether the proposed water conservation project complies with this Policy. Patrons may comment on the compliance of the proposed water conservation project with the conservation policy during the Board meeting at which it is discussed.

- I. **Appeal of Water Conservation Projects.** If the Board approves the proposed water conservation project, any patron in good standing may appeal the Board's decision in writing within two weeks from the date of the Board's decision. The appeal shall include the name, address, and telephone number of the patron appealing the Board's decision, a concise statement of the reasons the patron believes the proposed water conservation project does not comply with this Policy, and a concise statement of how the water conservation project should be modified to comply with this Policy. The Board shall consider a properly filed appeal at its next regularly scheduled meeting. The patron appealing the Board's decision shall have an opportunity to address the Board concerning the patron's appeal. The Board may take any of the following actions: (1) grant the appeal and reject the proposed water conservation project, (2) modify the proposed water conservation project as proposed by the appealing patron to comply with this Policy, (3) direct the District Manager to modify the proposed water conservation project so as to comply with this Policy, or (4) reject the appeal and approve the proposed water conservation project as proposed.

- J. **Policy Review and Updates.** The Board shall review and update this Policy at the first regularly scheduled Board meeting following every fifth anniversary of the Board either adopting or reviewing and updating this Policy. The Board may, in its sole discretion, review and update this Policy at any other Board meeting. The Board shall follow the process and provisions of this Policy, as required by OAR 690-018-0025(2), whenever reviewing and updating this Policy.

**THREE SISTERS IRRIGATION DISTRICT
BOARD OF DIRECTORS MEETING**

**MINUTES
July 6, 2010**

E. Review Conserved Water Policy

The District has a Conserved Water Policy and every 5 years the Board is to review the policy. Marc is not looking to make any changes to the policy, we did spend about 6 months writing this policy and feels no changes are needed at this time. Marc will make copies for the audience and we will come back to this at the end of the meeting when everyone has had a chance to review it.

RECEIVED
MAY 30 2017
OWRD

Marc answered questions the audience members had. Don Boyer moved to accept the policy as written with review again in 5 years or sooner. Thayne Dutson seconded the motion. Motion carried unanimously.

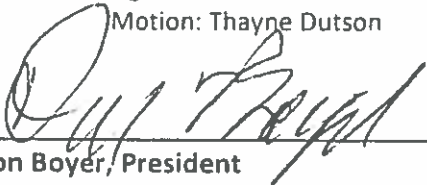
**THREE SISTERS IRRIGATION DISTRICT
BOARD OF DIRECTORS MEETING
MINUTES
SEPTEMBER 1, 2015**

- C **Conserved Water Policy Update:** The Conserved Water Policy must be updated every five years. The last update was July 2010. After reviewing the policy the board asked for public comment. There were no changes sited and a motion was made to accept the policy as written.

Motion: Thayne Dutson

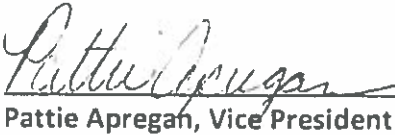
Second: Pattie Apregan

Vote: Unanimous



Don Boyer, President

October 6, 2015



Pattie Apregan, Vice President

October 6, 2015



Thayne Dutson, Secretary/Treasurer

October 6, 2015

RECEIVED

MAY 30 2017

OWRD

EXHIBIT H

RECEIVED

MAY 30 2017

OWRD

- C Approve Ameriflex Plan Document** This is an employee paid plan. Approval is required for pre-tax deductions. A motion was made to approve the plan as written.
 Motion: Pattie Apregan Second: Don Boyer Vote: Unanimous
- D Approve Deschutes River Conservancy 2016 Conserved Water Purchase Agreement, Watson McKenzie Main Canal, Phase 8-Item was tabled**
- E Approve the Application for Allocation of Conserved Water for Watson McKenzie Main Canal, Phase 8**
 A motion was made to approve the application for allocation of conserved water, as written.
 Motion: Pattie Apregan Second: Thayne Dutson Vote: Unanimous
- F Approve 580 Water Right Transfer for Roy Runco**
 A motion was made to approve the water right transfer for Roy Runco.
 Motion: Don Boyer Second: Thayne Dutson Vote: Unanimous

OLD BUSINESS & MANAGERS REPORT

- **Signing of Documents:** BOD signed previous meeting minutes.
- **Watson Hydro:** The new cooler was installed and has made a huge difference in keeping the hydro cooled. An issue was identified with ORWD water right requirements for multiple facilities. TSID would have to submit a duplicate water right for the 56 cfs that goes through the hydro. Districts, like COID, who plan to have multiple facilities would appear to hold the water rights for over 7,000 cfs. OWRC will be looking in to this discrepancy.
- **Net Metering Project:** FERC application has been submitted.
- **Watson-McKenzie Pipeline:** Phase 7 is almost completed, the crew is finishing up with backfilling and clean-up.
- **Operational Technology:** The transducer has been fixed, during annual maintenance. Now the numbers generated by our system match the gauge. DRC is going to support our new gauging station and the technology.
- **Anadromous Reintroduction & HCP:** NEPA starts in December. We are waiting on mediation for the frog issue.
- **Operations & Maintenance:** Meters are being installed.
- **Interns:** They have been busy writing the watershed plan and hydro white paper. Amanda will be installing ArcGIS on the admin computer so we can have updated accurate maps.
- **Committee Reports:** None.

NEW BUSINESS:

LETTERS TO THE BOARD: JOHN BARNETT, CPA This matter will be resolved at a meeting with Mr. Barnett next week. Mr. Barnett will also be advised to discuss this type of information with management before approaching the board.

ADJOURN: 6:05 PM - DON


 Don Boyer, President


 Pattie Apregan, Vice President


 Thayne Dutson, Secretary/Treasurer

RECEIVED

MAY 30 2017

OWRD

EXHIBIT I

RECEIVED

MAY 30 2017

OWRD



Oregon

Kate Brown, Governor

Department of Environmental Quality
Eastern Region Bend Office
475 NE Bellevue Drive, Suite 110
Bend, OR 97701-7415
(541) 388-6146
Fax (541) 388-8283
TTY 711

August 11, 2015

Zachary Tillman
Deschutes River Conservancy
700 NW Hill Street
Bend, Oregon 97701

Re: Three Sisters Irrigation District Pipeline

Dear Zachary;

The Oregon Department of Environmental Quality (DEQ) is writing in support of the conserved water application for the Three Sisters Irrigation District (TSID) Main Canal Pipeline Project.

It is DEQ's understanding that the piping project will result in piping of 14,000 feet (2.65 miles) of TSID's Main Canal between Watson Reservoir and McKenzie Reservoir and eliminate 3.0 cfs of seepage losses (Phases 7, 8 & 9). The applicant and agent propose to transfer and permanently protect 3.0 cfs (100%) of the conserved water instream from the point of diversion (RM 23.5) downstream to the mouth of Whychus Creek for the benefit of fish, wildlife, and other aquatic resources. Flows would be protected from April 1 through November 1 during the normal irrigation season and retain a single priority date of 1895. DEQ further understands that adequate monitoring will be in place to ensure the conserved 3.0 cfs remains instream.

Whychus Creek is included on the state's list of impaired water bodies ("303d list") for not meeting state water quality criteria for temperature. Temperature modeling done by DEQ and Watershed Sciences, Inc indicates that reduced stream flows resulting from diversions are responsible for a large portion of the anthropogenic heating that occurs in the creek. Water quality monitoring and analysis done by the Upper Deschutes Watershed Council also supports this; the Watershed Council found a direct relationship between increased stream flow and decreased stream temperature.

DEQ understands that this project will be constructed and finalized in three phases, with the final phase reaching completion by April 1st, 2018

Thank you for the opportunity to provide comments,

Sincerely,

Bonnie Lamb
Deschutes Basin Coordinator

RECEIVED

MAY 30 2017

OWRD

EXHIBIT J

RECEIVED

MAY 30 2017

OWRD



Oregon

Kate Brown, Governor

Parks and Recreation Department

1645 NE Forbes Rd., Suite 112

Bend, OR 97701

(541) 388-6236

Fax (541) 388-6391

www.oregonstateparks.org



August 10, 2015

Zachary Tillman
Deschutes River Conservancy
700 NW Hill Street
Bend, Oregon 97701

Re: Three Sisters Irrigation District Main Canal Pipeline

Dear Zachary;

The Oregon Parks and Recreation Department (OPRD) is writing in support of the conserved water application for the Three Sisters Irrigation District (TSID) Main Canal Pipeline Project.

It is OPRD's understanding that the piping project will result in piping of 14,000 feet (2.65 miles) of TSID's Main Canal between Watson Reservoir and McKenzie Reservoir and eliminate 3.0 cfs of seepage losses (Phases 7, 8 & 9). The applicant and agent propose to transfer and permanently protect 3.0 (100%) of the conserved water instream from the point of diversion (RM 23.5) downstream to the mouth of Whychus Creek for the benefit of fish, wildlife, and other aquatic resources. Flows would be protected from April 1 through November 1 during the normal irrigation season and retain a single priority date of 1895. OPRD further understands that adequate monitoring will be in place to ensure the conserved 3.0 cfs remains instream. This instream transfer will result in improved habitat and productivity for redband trout, bull trout, summer steelhead and spring Chinook in Whychus Creek.

OPRD understands that this project will be constructed and finalized in three phases, with the final phase reaching completion by April 1st, 2018

Thank you for the opportunity to provide comments,

Sincerely,

Greg Ciannella, Natural Resource Specialist
Central & Eastern Oregon
Oregon Parks and Recreation Department
1645 NE Forbes Rd. Ste. 112
Bend OR 97702

Ph: 541.388.6236, Cell: 503.580.2434
greg.ciannella@oregon.gov

RECEIVED

MAY 30 2017

OWRD

EXHIBIT K

RECEIVED

MAY 30 2017

OWRD



Oregon

John Kitzhaber, M.D., Governor

Department of Fish and Wildlife
Deschutes Watershed District
East Region
61374 Parrell Road
Bend, OR 97702
(541) 388-6363
FAX (541) 388-6281

July 2, 2014

Genevieve Hubert, Program Manager
Deschutes River Conservancy
700 NW Hill Street
Bend, OR 97701

RECEIVED

MAY 30 2017

OWRD

The purpose of this letter is to support continued efforts to implement conserved water projects in the Whychus Creek subbasin to meet the needs of resident and recently reintroduced anadromous fish. Conserved water projects undertaken by the Deschutes River Conservancy (DRC) and partners have resulted in water rights being transferred or leased for instream use up to the State's instream water right. To maintain adequate habitat for a successful reintroduction effort Oregon Department of Fish and Wildlife (Department) supports additional conserved water projects in excess of the established ISWRs because:

1. Flow targets at the time of establishing the instream water rights were based on the needs of resident redband trout and did not account for flows necessary to support reintroduced Mid-Columbia summer steelhead trout and spring Chinook salmon (see details below);
2. Transferred or leased water rights have varying priority dates and on paper add up to the State's instream water rights (ISWR). However, because of varying priority dates, water flows at the state's instream water right do not always occur;
3. OAR 690-077-0015 (5)(b) allows for flow above the Estimated Average Natural Flow if the basin is a Department flow restoration priority basin ((5)(c). Whychus Creek (appears in the flow restoration figures as Squaw Creek) is ranked as a 3 for high restoration need.

Whychus Creek was historically inhabited by resident redband trout, bull trout, mountain whitefish, several species of sculpin and anadromous runs of Mid-Columbia summer steelhead trout and spring Chinook salmon. Summer steelhead trout are listed as Threatened under the federal Endangered Species Act.

Anadromous stocks of salmon and steelhead trout were extirpated with the construction of the Pelton-Round Butte Hydroelectric complex (dams) at the confluence of the Deschutes, Crooked and Metolius Rivers. As a condition of their new hydroelectric license, Portland General Electric and the Confederated Tribes of the Warm Springs proposed to reintroduce steelhead trout, Chinook salmon and sockeye salmon into their historic habitat above the dams, including Whychus Creek. This effort was initiated with the release of steelhead trout fry into Whychus Creek in 2007. Anadromous fish reintroduction is a collaborative venture among multiple State and Federal agencies, non-governmental organizations and varied central Oregon stakeholders. Success depends upon implementation of comprehensive habitat and flow restoration projects.

The State of Oregon was granted instream water rights for Whychus Creek with a 1991 priority date. ISWR 70753 identifies flow from the mouth upstream to Indian Ford Creek while ISWR 70754 addresses flow from Indian Ford Creek to the South Fork. Instream water rights are junior to many consumptive water rights and until recently, significant reaches of Whychus Creek dried up during the irrigation season. DRC in concert with Three Sisters Irrigation District and private landowners has implemented a comprehensive suite of flow restoration and conserved water projects.

There is a need to implement additional conserved water projects beyond the ISWR flows. Current flow targets established in the Department's Basin Investigation Report were established based on life history requirements of redband trout. Flows required for successful migration, spawning and rearing of steelhead trout and Chinook salmon are significantly higher than the 20 to 50 cubic feet per second identified in IS-70753 and IS-70754. Establishing self-sustaining, harvestable steelhead trout and Chinook salmon runs is a statewide Department priority. The Mid-Columbia Steelhead Trout Recovery Plan identifies successful reintroduction into Whychus Creek as critical to meeting recovery goals for the Deschutes Westside subpopulation and delisting of the species.

Details for flow needs for life stages of anadromous species (see Table 1)

1) Adult upstream migration. For steelhead (September-January), and for Chinook (May-August), flows need to be higher than IWR for a) physical passage of large fish upstream over riffles and shallow bars, and b) migration cues: relatively high flows to stimulate upstream movement to spawning grounds. The Department recommends flows above the existing IWR, and up to the 50% exceedance natural flows, for September-January and for May-August.

2) Spawning. Habitat Suitability Criteria (HSC) for Steelhead trout and Chinook salmon spawning indicate that these anadromous fish prefer water about 0.5 ft. deeper and 0.8 ft./sec faster than resident rainbow trout. This would equate to much higher recommended flows for anadromous vs. resident spawning. The Department would therefore recommend flows up to the natural 50% exceedance for February-May and September.

3) Outmigration. Outmigrating juvenile steelhead trout (March-June) and Chinook salmon (February-March) will benefit greatly from higher flows to facilitate emigration of juveniles downstream to the mainstem Deschutes. The Department recommends flows up to and beyond the natural 50% exceedance for February-June.

Summary

Adult migration and/or spawning occur during all 12 months of the year. The Department supports instream leases beyond the IWR levels, and up to the natural 50% exceedance flows, for the entire year. For the juvenile outmigration months of February-June, The Department supports flows above the natural 50% exceedance flows.

Sincerely,



Brett Hodgson
District Fish Biologist

RECEIVED

MAY 30 2017

OWRD

Table 1. Life stage periodicity, instream water rights, and WRD flow estimates for Whychus Creek.

Steelhead	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
adult migr												
spawn												
outmigr												

Chinook	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
adult migr												
spawn												
outmigr												

Whychus Creek below Indian Ford												
IS70753	33	33	50	50	50	33	33	33	33	33	33	33
WRD50%	74	71.9	70.3	75.6	133	222	173	108	80.8	66.6	72	75.5
WRD80%	51	49.8	45.9	53	80.4	151	118	82.4	62.4	51.5	53.7	52.2

Whychus Creek above Indian Ford												
IS70754	30	20	20	20	20	20	20	20	30	50	30	30
WRD50%	64.9	61.8	61	65.7	121	213	167	103	75.6	61.2	65.6	67.2
WRD80%	51	49.8	45.9	53	80.4	151	118	82.4	62.4	51.5	53.7	52.2

RECEIVED

MAY 30 2017

OWRD