

SECTION 18 T.32S. R.4W. W.M.
DOUGLAS COUNTY

1"=400'

RECEIVED

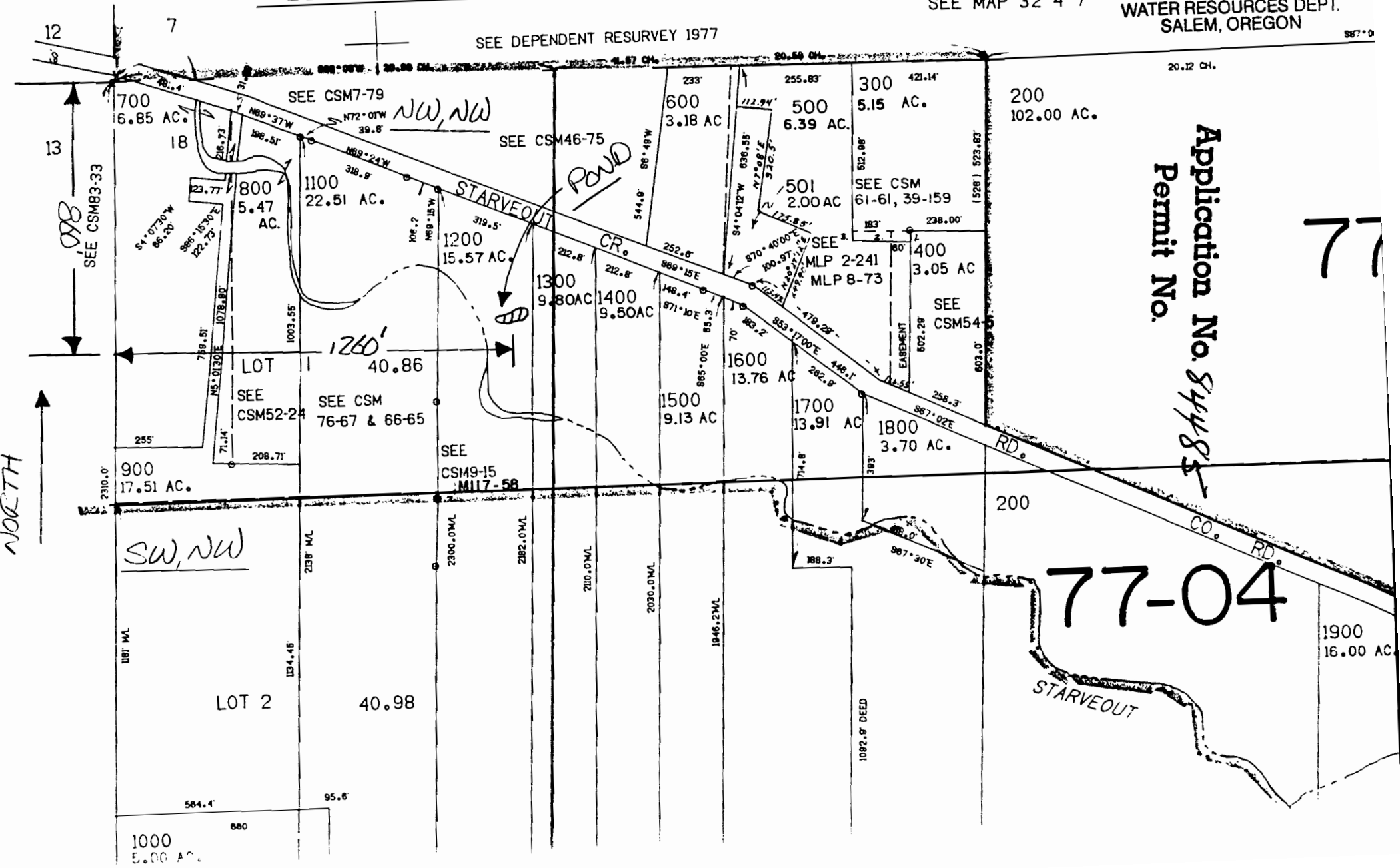
JUL 06 2000

SEE MAP 32 4 7

WATER RESOURCES DEPT.
SALEM, OREGON

MAP WAS PREPARED FOR
INFORMATION PURPOSE ONLY.

*POND IS 860' SOUTH
& 1260' EAST OF NE
CORNER OF SECTION 18*



Application No. 84485
Permit No.

77

77-04

NORTH ↑

SEE DEPENDENT RESURVEY 1977

SEE CSM7-79

SEE CSM46-75

SEE CSM83-33

SEE CSM 76-67 & 66-65

SEE CSM9-15
M117-58

SEE MLP 2-241
MLP 8-73

SEE CSM54

SW, NW

LOT 2

STARVEOUT

CO. RD.

1000
5.00 AC.

1900
16.00 AC.

Mailing List for FO Copies

Application #R-84485

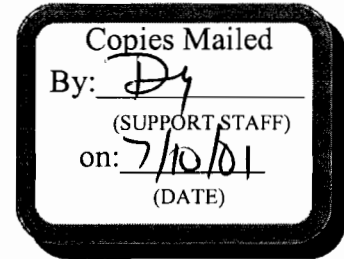
Print Date : June 25, 2001

Original mailed to Applicant:

MARY M MASSEY MCKAIN AND MCKAIN, DENNIS G, PO BOX 165, AZALEA, OREGON 97410

Copies sent to:

1. WRD - File # R-84485
2. WRD - Water Availability: Ken Stahr (WAB= 16)
3. WRD - Data Center



FO, Map, and Fact Sheet Copies sent to:

4. WRD - DAVID WILLIAMS, Watermaster; DISTRICT 15
5. WRD - AL COOK - SOUTHWEST REGION
6. ODFW District Biologist: (DOUGLAS County) MIKE GRAY

Copies sent to Other Interested Persons (*CWRE, Agent, Commenter, etc.*)

7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____

"\$10 LETTER" sent to Interested Persons who have not protested or paid for copies

1. _____
2. _____
3. _____

CASEWORKER : JWG

Oregon Water Resources Department

Water Rights Application
Number R-84485

Final Order

Application History

On JULY 6, 2000, MARY M MASSEY MCKAIN AND DENNIS G MCKAIN submitted an application to the Department for a water use permit. Pursuant to 537.409, the Department provided public notice of the application in the Department's weekly public notice. A 60 day comment period followed.

The Department **has not** received adverse comments related to the possible issuance of the attached permit.

The Department **has** received comments from Oregon Department of Fish and Wildlife related to the possible issuance of the attached permit. Permit Number R-13026 is conditioned to address the issues raised in those comments.

Water is available for the proposed use as described in the attached permit.

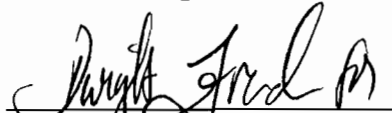
The use, as described on the attached permit, will not injure any existing water rights and does not pose potential detrimental impacts to existing fishery resources.

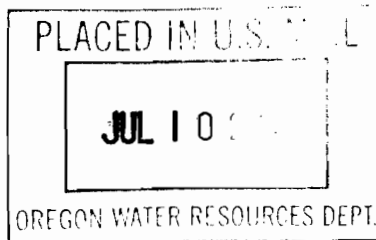
Therefore, the proposed use would not impair or be detrimental to the public interest.

Order

Application R-84485 therefore is approved pursuant to ORS 537.409, and Permit Number R-13026 is issued as limited by the conditions contained therein.

DATED July 9, 2001


Paul R. Cleary
Director



Appeal Rights

This is a final order in other than contested case. Pursuant to ORS 536.075 and OAR 137-004-080 and OAR 690-01-005, you may either petition the Director for reconsideration of this order or petition for judicial review of this order. As provided in ORS 536.075,

this order is subject to judicial review under ORS 183.484. Any petition for judicial review of the order must be filed within the 60 day time period specified by ORS 183.484(2).

This document was prepared by Jerry Gainey. If you have any questions about any of the statements contained in this document I am the most likely the best person to answer your questions. You can reach me at 1-503-378-8455 extension 458.

If you have questions about how to file a protest or if you have previously filed a protest and want to know the status, please contact Renee Moulun. Her extension number is 239.

If you have other questions about the Department or any of its programs please contact our Water Rights Information Group at extension 201. Address all other correspondence to: Water Rights Section, Oregon Water Resources Department, 158 12th ST. NE Salem, OR 97301-4172, Fax: (503)378-2496

STATE OF OREGON

COUNTY OF DOUGLAS

PERMIT TO CONSTRUCT A RESERVOIR AND STORE THE PUBLIC WATERS

THIS PERMIT IS HEREBY ISSUED TO

MARY M MASSEY MCKAIN AND DENNIS G MCKAIN
PO BOX 165
AZALEA, OREGON 97410

(541) 837-3536

The specific limits and conditions of the use are listed below.

APPLICATION FILE NUMBER: R-84485

SOURCE OF WATER: A SPRING, A TRIBUTARY OF STARVEOUT CREEK

STORAGE FACILITY: WHITEHAWK RESERVOIR

PURPOSE OR USE OF THE STORED WATER: AQUATIC LIFE AND WILDLIFE

MAXIMUM STORAGE VOLUME: 0.20 ACRE-FOOT EACH YEAR

WATER MAY BE APPROPRIATED FOR STORAGE DURING THE PERIOD: DECEMBER 1
THROUGH MAY 31 OF EACH YEAR

DATE OF PRIORITY: JULY 6, 2000

THE MAXIMUM HEIGHT OF THE DAM SHALL NOT EXCEED 1.00 FEET.

DAM LOCATION: NW 1/4 NW 1/4, SECTION 18, T32S, R4W, W.M.; 860 FEET SOUTH
& 1260 FEET EAST FROM NW CORNER, SECTION 18

THE AREA TO BE SUBMERGED BY THE RESERVOIR IS LOCATED AS FOLLOWS:

NW 1/4 NW 1/4
SECTION 18
TOWNSHIP 32 SOUTH, RANGE 4 WEST, W.M.

Measurement, recording and reporting conditions:

- A. The Director may require the permittee to install a meter or other suitable measuring device as approved by the Director. If the Director notifies the permittee to install a meter or other measuring device, the permittee shall install such device within the period stated in the notice. Such installation period shall not be less than 90 days unless

special circumstances warrant a shorter installation period. Once installed, the permittee shall maintain the meter or measuring device in good working order and shall allow the watermaster access to the meter or measuring device. The Director may provide an opportunity for the permittee to submit alternative measuring procedures for review and approval.

- B. The Director may require the permittee to keep and maintain a record of the amount (volume) of water used and may require the permittee to report water use on a periodic schedule as established by the Director. In addition, the Director may require the permittee to report general water use information, the periods of water use and the place and nature of use of water under the permit. The Director may provide an opportunity for the permittee to submit alternative reporting procedures for review and approval.

This use may be regulated if analysis of data available discloses that the appropriation will measurably reduce the surface water flows necessary to maintain the free-flowing character of a scenic waterway in quantities necessary for recreation, fish and wildlife in effect as of the priority date of this right or as those quantities may be subsequently reduced.

If the riparian area is disturbed in the process of developing a point of diversion, the permittee shall be responsible for restoration and enhancement of such riparian area.

The use may be restricted if the quality of the source stream or downstream waters decrease to the point that those waters no longer meet existing state or federal water quality standards due to reduced flows.

The permittee shall install, maintain, and operate fish screening to prevent fish from entering the proposed diversion. The permittee shall also install a fishway at the obstruction that will provide adequate upstream and downstream passage for fish. The permittee may submit evidence that the Oregon Department of Fish and Wildlife (ODFW) has determined screens and/or fishways are not necessary. The required screens and fishways are to be in place, functional, and approved by ODFW before diversion of any water.

The storage of water allowed herein is subject to the installation and maintenance of an outlet pipe, or the provision of other means to evacuate water when determined necessary by the Water Resources Director to satisfy prior downstream rights.

Use under this permit is limited to the reservoir area. This permit does not provide for the appropriation of water for maintaining the water level or maintaining a suitable fresh water condition.

STANDARD CONDITIONS

Failure to comply with any of the provisions of this permit may result in action including, but not limited to, restrictions on the use, civil penalties, or cancellation of the permit.

This permit is for the beneficial use of water without waste. The water user is advised that new regulations may require the use of best practical technologies or conservation practices to achieve this end.

By law, the land use associated with this water use must be in compliance with statewide land-use goals and any local acknowledged land-use plan.

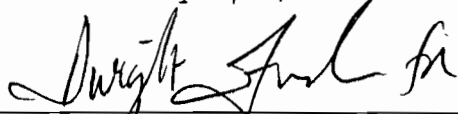
The use of water allowed herein may be made only at times when sufficient water is available to satisfy all prior rights, including prior rights for maintaining instream flows.

This permit does not authorize the permit holder to pursue this right in such a way as to interfere with or affect adjacent property not under the ownership of the permit holder.

The Director finds that the proposed use(s) of water described by this permit, as conditioned, will not impair or be detrimental to the public interest.

The reservoir shall be filled and complete application of the stored water to the use shall be made on or before October 1, 2005. Within one year after complete application of water to the proposed use, the permittee shall submit a claim of beneficial use, which includes a map and report.

Issued July 9, 2001



Paul R. Cleary, Director
Water Resources Department

NOTE: Pursuant to ORS 537.330, in any transaction for the conveyance of real estate that includes any portion of the lands described in this permit, the seller of the real estate shall, upon accepting an offer to purchase that real estate, also inform the purchaser in writing whether any permit, transfer approval order, or certificate evidencing the water right is available and that the seller will deliver any permit, transfer approval order or certificate to the purchaser at closing, if the permit, transfer approval order or certificate is available.

WATER AVAILABILITY TABLE

Stream: STARVEOUT CR > COW CR - AT MOUTH

Basin: UMPQUA

Exceedance Level: 50

Watershed ID Number: 362 (and Nested Subbasins)

Time: 08:01

Date: 06/22/2001

Item #	Watershed ID #	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Sto
1	368	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
2	73350	YES	YES	YES	YES	YES	YES	YES	YES	YES	NO	YES	YES	YES
3	31630301	YES	YES	YES	YES	YES	YES	YES	YES	YES	NO	YES	YES	YES
4	351	YES	YES	YES	YES	YES	YES	YES	NO	NO	NO	YES	YES	YES
5	31630218	YES	YES	YES	YES	YES	YES	YES	NO	NO	NO	YES	YES	YES
6	300	YES	YES	YES	YES	YES	YES	YES	NO	NO	NO	YES	YES	YES
7	301	YES	YES	YES	YES	YES	YES	YES	NO	NO	NO	YES	YES	YES
8	70573	YES	YES	YES	YES	YES	YES	YES	NO	NO	NO	YES	YES	YES
9	362	YES	YES	YES	YES	YES	NO	YES	NO	NO	NO	NO	YES	YES

STREAM NAMES

Basin: UMPQUA

Watershed ID Number: 362 (and Nested Subbasins)

Time: 08:01

Date: 06/22/2001

Item	Watershed ID	Stream Name
1	368	UMPQUA R > PACIFIC OCEAN - AT MOUTH
2	73350	UMPQUA R > PACIFIC OCEAN - AB LITTLE MILL CR
3	31630301	UMPQUA R > PACIFIC OCEAN - AB WOLF CR
4	351	S UMPQUA R > UMPQUA R - AT MOUTH
5	31630218	S UMPQUA R > UMPQUA R - AB MARSTERS CR AT GAGE 1431200
6	300	COW CR > S UMPQUA R - AT MOUTH
7	301	COW CR > S UMPQUA R - AB MIDDLE CR
8	70573	COW CR > S UMPQUA R - AB WINDY CR
9	362	STARVEOUT CR > COW CR - AT MOUTH

LIMITING WATERSHEDS

Stream: STARVEOUT CR > COW CR - AT MOUTH
 Watershed ID Number: 362
 Basin: UMPQUA
 Time: 08:01

Exceedance Level: 50
 Date: 06/22/2001

Mnth	Limiting Watershed	Stream Name	Water Avail?	Net Water Available
1	362	STARVEOUT CR > COW CR - AT MOUTH	YES	13.3
2	362	STARVEOUT CR > COW CR - AT MOUTH	YES	11.2
3	362	STARVEOUT CR > COW CR - AT MOUTH	YES	17.1
4	362	STARVEOUT CR > COW CR - AT MOUTH	YES	8.8
5	362	STARVEOUT CR > COW CR - AT MOUTH	YES	0.8
6	362	STARVEOUT CR > COW CR - AT MOUTH	NO	-1.5
7	362	STARVEOUT CR > COW CR - AT MOUTH	YES	0.3
8	351	S UMPQUA R > UMPQUA R - AT MOUTH	NO	-45.4
9	351	S UMPQUA R > UMPQUA R - AT MOUTH	NO	-35.9
10	31630301	UMPQUA R > PACIFIC OCEAN - AB WOLF CR	NO	-106.0
11	362	STARVEOUT CR > COW CR - AT MOUTH	NO	-9.1
12	362	STARVEOUT CR > COW CR - AT MOUTH	YES	7.5
Stor	362	STARVEOUT CR > COW CR - AT MOUTH	YES	3540.0

DETAILED REPORT ON THE WATER AVAILABILITY CALCULATION

Stream: UMPQUA R > PACIFIC OCEAN - AT MOUTH

Basin: UMPQUA

Exceedance Level: 50

Watershed ID Number: 368

Time: 08:01

Date: 06/22/2001

Month	Natural Stream Flow	CU + Stor Prior to 1/1/93	CU + Stor After 1/1/93	Expected Stream Flow	Reserved Stream Flow	Instream Water Rights	Net Water Available
1	14400.00	198.00	6.61	14200.00	0.00	1000.00	13200.00
2	15000.00	205.00	7.00	14800.00	0.00	1000.00	13800.00
3	13500.00	24.90	7.07	13500.00	0.00	1000.00	12500.00
4	10400.00	39.50	8.11	10400.00	0.00	1000.00	9350.00
5	6990.00	67.00	8.35	6910.00	0.00	1000.00	5910.00
6	3590.00	130.00	11.90	3450.00	0.00	1000.00	2450.00
7	1860.00	164.00	12.90	1680.00	0.00	750.00	934.00
8	1340.00	142.00	8.75	1190.00	0.00	750.00	439.00
9	1290.00	111.00	6.69	1170.00	0.00	750.00	423.00
10	1690.00	28.30	1.39	1660.00	0.00	1000.00	660.00
11	5110.00	85.00	1.25	5020.00	0.00	1000.00	4020.00
12	13900.00	192.00	5.86	13700.00	0.00	1000.00	12700.00
Stor	5350000	83300	5190	5270000	0	679000	4590000

DETAILED REPORT OF CONSUMPTIVE USES AND STORAGEES

Stream: UMPQUA R > PACIFIC OCEAN - AT MOUTH

Basin: UMPQUA

Watershed ID Number: 368

Time: 08:01

Date: 06/22/2001

Mo	Storage	Irrig	Munic	Ind/Man	Commer	Domest	Agricul	Other	Total
1	177.48	0.00	10.95	9.18	0.02	4.68	2.13	0.00	204.00
2	185.09	0.00	10.95	9.24	0.02	4.68	2.13	0.00	212.00
3	2.74	2.23	10.95	9.18	0.02	4.68	2.13	0.00	31.90
4	1.50	19.44	10.62	9.18	0.02	4.68	2.13	0.00	47.60
5	0.61	50.71	10.59	6.78	0.02	4.64	2.04	0.00	75.40
6	0.22	82.96	45.18	6.72	0.02	4.60	2.04	0.00	142.00
7	0.06	118.17	45.18	6.65	0.02	4.56	1.83	0.00	176.00
8	0.02	92.56	45.18	6.56	0.02	4.55	1.78	0.00	151.00
9	0.01	58.93	45.18	6.56	0.02	4.55	2.00	0.00	117.00
10	0.01	5.93	10.59	6.56	0.02	4.57	2.00	0.00	29.70
11	62.39	0.02	10.59	6.65	0.02	4.58	2.03	0.00	86.30
12	171.32	0.00	10.59	8.90	0.02	4.66	2.13	0.00	198.00

DETAILED REPORT ON THE WATER AVAILABILITY CALCULATION

Stream: UMPQUA R > PACIFIC OCEAN - AB LITTLE MILL CR

Basin: UMPQUA

Exceedance Level: 50

Watershed ID Number: 73350

Time: 08:01

Date: 06/22/2001

Month	Natural Stream Flow	CU + Stor Prior to 1/1/93	CU + Stor After 1/1/93	Expected Stream Flow	Reserved Stream Flow	Instream Water Rights	Net Water Available
1	11400.00	194.00	4.11	11200.00	0.00	1700.00	9500.00
2	12000.00	203.00	4.49	11800.00	0.00	1700.00	10100.00
3	11300.00	23.70	4.59	11300.00	0.00	1700.00	9570.00
4	9080.00	38.00	5.69	9040.00	0.00	1700.00	7340.00
5	6250.00	64.90	8.20	6180.00	0.00	1700.00	4480.00
6	3270.00	127.00	11.80	3130.00	0.00	1700.00	1430.00
7	1720.00	160.00	12.80	1550.00	0.00	1000.00	547.00
8	1260.00	139.00	8.70	1110.00	0.00	1000.00	112.00
9	1230.00	108.00	6.65	1120.00	0.00	1000.00	115.00
10	1560.00	27.10	1.36	1530.00	0.00	1560.00	-28.40
11	4060.00	83.30	1.14	3980.00	0.00	1700.00	2280.00
12	11400.00	194.00	3.37	11200.00	0.00	1700.00	9500.00
Stor	4480000	82000	4410	4400000	0	1100000	3300000

DETAILED REPORT OF CONSUMPTIVE USES AND STORAGES

Stream: UMPQUA R > PACIFIC OCEAN - AB LITTLE MILL CR

Basin: UMPQUA

Watershed ID Number: 73350

Time: 08:01

Date: 06/22/2001

Mo	Storage	Irrig	Munic	Ind/Man	Commer	Domest	Agricul	Other	Total
1	175.00	0.00	11.00	6.96	0.02	3.80	1.92	0.00	199.00
2	184.15	0.00	10.95	7.03	0.02	3.80	1.92	0.00	208.00
3	2.48	2.18	10.95	6.96	0.02	3.80	1.92	0.00	28.30
4	1.31	19.05	10.62	6.96	0.02	3.80	1.92	0.00	43.70
5	0.49	49.68	10.59	6.67	0.02	3.76	1.92	0.00	73.10
6	0.17	81.26	45.18	6.60	0.02	3.72	1.92	0.00	139.00
7	0.04	115.68	45.18	6.53	0.02	3.68	1.71	0.00	173.00
8	0.01	90.57	45.18	6.44	0.02	3.67	1.67	0.00	148.00
9	0.01	57.69	45.18	6.44	0.02	3.68	1.88	0.00	115.00
10	0.00	5.80	10.59	6.44	0.02	3.70	1.88	0.00	28.40
11	61.66	0.02	10.59	6.53	0.02	3.70	1.91	0.00	84.40
12	174.68	0.00	10.59	6.69	0.02	3.78	1.92	0.00	198.00

DETAILED REPORT OF RESERVATIONS FOR CU

Stream: UMPQUA R > PACIFIC OCEAN - AB LITTLE MILL CR

Basin: UMPQUA

Watershed ID Number: 73350

Time: 08:01

Date: 06/22/2001

-----Reservations-----								
APP #	0	0	0	0	0	0	0	TOTAL
Status Use								
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

DETAILED REPORT OF ISWRs

Stream: UMPQUA R > PACIFIC OCEAN - AB LITTLE MILL CR

Basin: UMPQUA

Watershed ID Number: 73350

Time: 08:01

Date: 06/22/2001

-----ISWRs-----								
APP #	367A	368B	73350A	0	0	0	0	MAXIMUM
Status	Cert.	Cert.	PFO					
1	525.00	1000.00	1700.00	0.00	0.00	0.00	0.00	1700.00
2	525.00	1000.00	1700.00	0.00	0.00	0.00	0.00	1700.00
3	525.00	1000.00	1700.00	0.00	0.00	0.00	0.00	1700.00
4	525.00	1000.00	1700.00	0.00	0.00	0.00	0.00	1700.00
5	525.00	1000.00	1700.00	0.00	0.00	0.00	0.00	1700.00
6	525.00	1000.00	1700.00	0.00	0.00	0.00	0.00	1700.00
7	525.00	750.00	1000.00	0.00	0.00	0.00	0.00	1000.00
8	525.00	750.00	1000.00	0.00	0.00	0.00	0.00	1000.00
9	525.00	750.00	1000.00	0.00	0.00	0.00	0.00	1000.00
10	525.00	1000.00	1560.00	0.00	0.00	0.00	0.00	1560.00
11	525.00	1000.00	1700.00	0.00	0.00	0.00	0.00	1700.00
12	525.00	1000.00	1700.00	0.00	0.00	0.00	0.00	1700.00

DETAILED REPORT ON THE WATER AVAILABILITY CALCULATION

Stream: UMPQUA R > PACIFIC OCEAN - AB WOLF CR

Basin: UMPQUA

Exceedance Level: 50

Watershed ID Number: 31630301

Time: 08:01

Date: 06/22/2001

Month	Natural Stream Flow	CU + Stor Prior to 1/1/93	CU + Stor After 1/1/93	Expected Stream Flow	Reserved Stream Flow	Instream Water Rights	Net Water Available
1	9950.00	193.00	3.68	9750.00	0.00	1700.00	8050.00
2	10400.00	200.00	4.05	10200.00	0.00	1700.00	8500.00
3	10000.00	22.60	4.15	9970.00	0.00	1700.00	8270.00
4	8280.00	34.20	5.03	8240.00	0.00	1700.00	6540.00
5	5810.00	56.20	7.03	5750.00	0.00	1700.00	4050.00
6	3070.00	113.00	10.20	2950.00	0.00	1700.00	1250.00
7	1640.00	140.00	12.00	1490.00	0.00	1000.00	488.00
8	1200.00	123.00	8.07	1070.00	0.00	1000.00	69.30
9	1170.00	97.70	5.45	1070.00	0.00	1000.00	66.90
10	1480.00	25.30	1.01	1450.00	0.00	1560.00	-106.00
11	3690.00	84.70	0.85	3600.00	0.00	1700.00	1900.00
12	9910.00	192.00	2.95	9720.00	0.00	1700.00	8020.00
Stor	4010000	77000	3890	3930000	0	1100000	2840000

DETAILED REPORT OF CONSUMPTIVE USES AND STORAGEES

Stream: UMPQUA R > PACIFIC OCEAN - AB WOLF CR

Basin: UMPQUA

Watershed ID Number: 31630301

Time: 08:01

Date: 06/22/2001

Mo	Storage	Irrig	Munic	Ind/Man	Commer	Domest	Agricul	Other	Total
1	174.00	0.00	10.90	6.69	0.02	3.52	1.43	0.00	197.00
2	181.90	0.00	10.88	6.76	0.02	3.52	1.43	0.00	205.00
3	2.38	1.80	10.88	6.69	0.02	3.52	1.43	0.00	26.70
4	1.27	15.76	10.55	6.69	0.02	3.52	1.43	0.00	39.20
5	0.48	40.90	10.52	6.40	0.02	3.49	1.43	0.00	63.20
6	0.16	66.91	44.86	6.33	0.02	3.45	1.43	0.00	123.00
7	0.03	95.92	44.86	6.26	0.02	3.41	1.39	0.00	152.00
8	0.01	74.88	44.86	6.18	0.02	3.41	1.38	0.00	131.00
9	0.00	47.23	44.86	6.18	0.02	3.41	1.42	0.00	103.00
10	0.00	4.75	10.52	6.18	0.02	3.43	1.42	0.00	26.30
11	63.90	0.02	10.52	6.26	0.02	3.43	1.42	0.00	85.60
12	173.07	0.00	10.52	6.42	0.02	3.50	1.43	0.00	195.00

DETAILED REPORT ON THE WATER AVAILABILITY CALCULATION

Stream: S UMPQUA R > UMPQUA R - AT MOUTH

Basin: UMPQUA

Exceedance Level: 50

Watershed ID Number: 351

Time: 08:01

Date: 06/22/2001

Month	Natural Stream Flow	CU + Stor Prior to 1/1/93	CU + Stor After 1/1/93	Expected Stream Flow	Reserved Stream Flow	Instream Water Rights	Net Water Available
1	4390.00	176.00	2.48	4210.00	0.00	350.00	3860.00
2	4560.00	182.00	2.67	4370.00	0.00	350.00	4020.00
3	4550.00	12.50	2.79	4530.00	0.00	350.00	4180.00
4	3140.00	20.10	2.47	3120.00	0.00	350.00	2770.00
5	1860.00	34.40	2.34	1820.00	0.00	275.00	1550.00
6	725.00	62.20	3.02	660.00	0.00	225.00	435.00
7	259.00	79.70	2.52	177.00	0.00	150.00	26.70
8	146.00	68.50	0.94	76.60	0.00	122.00	-45.40
9	139.00	52.20	0.66	86.10	0.00	122.00	-35.90
10	211.00	14.30	0.27	196.00	0.00	300.00	-104.00
11	972.00	48.00	0.33	924.00	0.00	400.00	524.00
12	4180.00	168.00	1.63	4010.00	0.00	350.00	3660.00
Stor	1510000	55100	1330	1450000	0	202000	1260000

DETAILED REPORT OF CONSUMPTIVE USES AND STORAGEES

Stream: S UMPQUA R > UMPQUA R - AT MOUTH

Basin: UMPQUA

Watershed ID Number: 351

Time: 08:01

Date: 06/22/2001

Mo	Storage	Irrig	Munic	Ind/Man	Commer	Domest	Agricul	Other	Total
1	166.00	0.00	4.38	5.47	0.00	1.83	0.96	0.00	179.00
2	172.38	0.00	4.38	5.54	0.00	1.83	0.96	0.00	185.00
3	1.56	1.09	4.38	5.47	0.00	1.84	0.96	0.00	15.30
4	0.62	9.63	4.05	5.47	0.00	1.83	0.96	0.00	22.60
5	0.23	24.55	4.02	5.18	0.00	1.82	0.96	0.00	36.80
6	0.07	40.11	17.15	5.11	0.00	1.80	0.96	0.00	65.20
7	0.00	57.32	17.15	5.04	0.00	1.77	0.96	0.00	82.30
8	0.00	44.58	17.15	4.95	0.00	1.77	0.96	0.00	69.40
9	0.00	28.02	17.15	4.95	0.00	1.77	0.96	0.00	52.90
10	0.00	2.86	4.02	4.95	0.00	1.77	0.96	0.00	14.60
11	36.48	0.01	4.02	5.04	0.00	1.77	0.96	0.00	48.30
12	157.82	0.00	4.02	5.20	0.00	1.82	0.96	0.00	170.00

DETAILED REPORT OF RESERVATIONS FOR CU

Stream: S UMPQUA R > UMPQUA R - AT MOUTH

Basin: UMPQUA

Watershed ID Number: 351

Time: 08:01

Date: 06/22/2001

-----Reservations-----								
APP #	0	0	0	0	0	0	0	TOTAL
Status Use								
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

DETAILED REPORT OF ISWRs

Stream: S UMPQUA R > UMPQUA R - AT MOUTH

Basin: UMPQUA

Watershed ID Number: 351

Time: 08:01

Date: 06/22/2001

-----ISWRs-----								
APP #	349A	350A	351A	0	0	0	0	MAXIMUM
Status	Cert.	Cert.	Cert.					
1	60.00	350.00	350.00	0.00	0.00	0.00	0.00	350.00
2	60.00	350.00	350.00	0.00	0.00	0.00	0.00	350.00
3	60.00	350.00	350.00	0.00	0.00	0.00	0.00	350.00
4	60.00	350.00	350.00	0.00	0.00	0.00	0.00	350.00
5	60.00	275.00	275.00	0.00	0.00	0.00	0.00	275.00
6	60.00	225.00	225.00	0.00	0.00	0.00	0.00	225.00
7	60.00	150.00	150.00	0.00	0.00	0.00	0.00	150.00
8	60.00	90.00	122.00	0.00	0.00	0.00	0.00	122.00
9	60.00	90.00	122.00	0.00	0.00	0.00	0.00	122.00
10	60.00	300.00	300.00	0.00	0.00	0.00	0.00	300.00
11	60.00	400.00	400.00	0.00	0.00	0.00	0.00	400.00
12	60.00	350.00	350.00	0.00	0.00	0.00	0.00	350.00

DETAILED REPORT ON THE WATER AVAILABILITY CALCULATION

Stream: S UMPQUA R > UMPQUA R - AB MARSTERS CR AT GAGE 1431200

Basin: UMPQUA

Exceedance Level: 50

Watershed ID Number: 31630218

Time: 08:01

Date: 06/22/2001

Month	Natural Stream Flow	CU + Stor Prior to 1/1/93	CU + Stor After 1/1/93	Expected Stream Flow	Reserved Stream Flow	Instream Water Rights	Net Water Available
1	4050.00	174.00	2.18	3870.00	0.00	350.00	3520.00
2	4220.00	181.00	2.37	4040.00	0.00	350.00	3690.00
3	4260.00	12.30	2.51	4250.00	0.00	350.00	3900.00
4	2980.00	18.60	2.15	2960.00	0.00	350.00	2610.00
5	1800.00	30.50	1.96	1770.00	0.00	275.00	1490.00
6	678.00	52.80	2.53	623.00	0.00	225.00	398.00
7	238.00	67.90	2.47	168.00	0.00	120.00	47.60
8	133.00	58.30	0.90	73.80	0.00	70.00	3.84
9	128.00	44.40	0.61	83.00	0.00	70.00	13.00
10	198.00	13.70	0.23	184.00	0.00	250.00	-66.00
11	917.00	48.20	0.26	868.00	0.00	400.00	468.00
12	3850.00	166.00	1.34	3680.00	0.00	350.00	3330.00
Stor	1410000	52000	1180	1360000	0	190000	1170000

DETAILED REPORT OF CONSUMPTIVE USES AND STORAGEES

Stream: S UMPQUA R > UMPQUA R - AB MARSTERS CR AT GAGE 1431200

Basin: UMPQUA

Watershed ID Number: 31630218

Time: 08:01

Date: 06/22/2001

Mo	Storage	Irrig	Munic	Ind/Man	Commer	Domest	Agricul	Other	Total
1	164.00	0.00	5.36	4.43	0.01	1.89	0.84	0.00	177.00
2	170.51	0.00	5.36	4.50	0.01	1.89	0.84	0.00	183.00
3	1.34	0.91	5.36	4.43	0.01	1.89	0.84	0.00	14.80
4	0.48	8.04	5.02	4.43	0.01	1.89	0.84	0.00	20.70
5	0.15	20.42	5.00	4.14	0.01	1.88	0.84	0.00	32.40
6	0.05	33.35	15.16	4.07	0.01	1.86	0.84	0.00	55.30
7	0.00	48.02	15.68	4.00	0.01	1.83	0.84	0.00	70.40
8	0.00	37.18	15.40	3.91	0.01	1.83	0.84	0.00	59.20
9	0.00	23.36	15.07	3.91	0.01	1.83	0.84	0.00	45.00
10	0.00	2.39	4.99	3.91	0.01	1.83	0.84	0.00	14.00
11	36.81	0.01	5.00	4.00	0.01	1.83	0.84	0.00	48.50
12	155.36	0.00	5.01	4.16	0.01	1.87	0.84	0.00	167.00

.DETAILED REPORT ON THE WATER AVAILABILITY CALCULATION

Stream: COW CR > S UMPQUA R - AT MOUTH

Basin: UMPQUA

Exceedance Level: 50

Watershed ID Number: 300

Time: 08:01

Date: 06/22/2001

Month	Natural Stream Flow	CU + Stor Prior to 1/1/93	CU + Stor After 1/1/93	Expected Stream Flow	Reserved Stream Flow	Instream Water Rights	Net Water Available
1	1240.00	85.60	1.19	1150.00	0.00	135.00	1020.00
2	1260.00	86.80	1.20	1170.00	0.00	135.00	1040.00
3	1300.00	89.30	1.22	1210.00	0.00	135.00	1070.00
4	779.00	10.20	1.32	767.00	0.00	135.00	632.00
5	340.00	13.50	1.16	325.00	0.00	100.00	225.00
6	159.00	17.70	1.30	140.00	0.00	70.00	69.90
7	77.60	21.70	1.14	54.80	0.00	50.00	4.79
8	46.40	19.20	0.02	27.20	0.00	20.00	7.23
9	43.20	15.50	0.02	27.70	0.00	20.00	7.67
10	66.10	12.40	0.02	53.60	0.00	80.00	-26.40
11	273.00	25.30	0.91	247.00	0.00	150.00	96.80
12	1070.00	75.00	1.07	994.00	0.00	150.00	844.00
Stor	400000	28400	636	371000	0	71100	301000

DETAILED REPORT OF CONSUMPTIVE USES AND STORAGES

Stream: COW CR > S UMPQUA R - AT MOUTH

Basin: UMPQUA

Watershed ID Number: 300

Time: 08:01

Date: 06/22/2001

Mo	Storage	Irrig	Munic	Ind/Man	Commer	Domest	Agricul	Other	Total
1	77.50	0.00	5.31	3.48	0.00	0.41	0.14	0.00	86.80
2	78.70	0.00	5.31	3.48	0.00	0.41	0.13	0.00	88.00
3	81.21	0.01	5.31	3.48	0.00	0.41	0.13	0.00	90.60
4	0.09	2.13	5.31	3.48	0.00	0.41	0.13	0.00	11.60
5	0.02	5.36	5.31	3.38	0.00	0.41	0.13	0.00	14.60
6	0.01	8.79	6.34	3.38	0.00	0.41	0.13	0.00	19.10
7	0.00	12.55	6.34	3.38	0.00	0.41	0.13	0.00	22.80
8	0.00	9.81	6.34	2.49	0.00	0.41	0.13	0.00	19.20
9	0.00	6.16	6.34	2.49	0.00	0.41	0.13	0.00	15.50
10	4.12	0.00	5.31	2.49	0.00	0.41	0.13	0.00	12.50
11	17.01	0.00	5.31	3.38	0.00	0.41	0.13	0.00	26.20
12	66.75	0.00	5.31	3.47	0.00	0.41	0.13	0.00	76.10

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 DETAILED REPORT ON THE WATER AVAILABILITY CALCULATION

Stream: COW CR > S UMPQUA R - AB MIDDLE CR

Basin: UMPQUA

Exceedance Level: 50

Watershed ID Number: 301

Time: 08:01

Date: 06/22/2001

Month	Natural Stream Flow	CU + Stor Prior to 1/1/93	CU + Stor After 1/1/93	Expected Stream Flow	Reserved Stream Flow	Instream Water Rights	Net Water Available
1	542.00	80.40	0.10	461.00	0.00	70.00	391.00
2	517.00	76.80	0.10	440.00	0.00	70.00	370.00
3	583.00	86.30	0.12	497.00	0.00	70.00	427.00
4	364.00	4.25	0.19	360.00	0.00	70.00	290.00
5	168.00	6.98	0.03	161.00	0.00	50.00	111.00
6	74.00	10.50	0.03	63.50	0.00	35.00	28.50
7	35.60	13.80	0.01	21.80	0.00	20.00	1.80
8	20.80	11.70	0.01	9.14	0.00	20.00	-10.90
9	20.40	8.55	0.01	11.80	0.00	20.00	-8.16
10	31.30	7.11	0.01	24.20	0.00	50.00	-25.80
11	106.00	17.80	0.01	88.20	0.00	70.00	18.20
12	437.00	65.40	0.04	372.00	0.00	70.00	302.00
Stor	174000	23500	39	151000	0	37000	117000

DETAILED REPORT OF CONSUMPTIVE USES AND STORAGES

Stream: COW CR > S UMPQUA R - AB MIDDLE CR

Basin: UMPQUA

Watershed ID Number: 301

Time: 08:01

Date: 06/22/2001

Mo	Storage	Irrig	Munic	Ind/Man	Commer	Domest	Agricul	Other	Total
1	77.90	0.00	0.21	2.10	0.00	0.27	0.05	0.00	80.50
2	74.30	0.00	0.21	2.10	0.00	0.27	0.05	0.00	76.90
3	83.78	0.01	0.21	2.10	0.00	0.27	0.05	0.00	86.40
4	0.05	1.75	0.21	2.10	0.00	0.27	0.05	0.00	4.44
5	0.01	4.37	0.21	2.09	0.00	0.27	0.05	0.00	7.01
6	0.01	7.16	0.91	2.09	0.00	0.27	0.05	0.00	10.50
7	0.00	10.48	0.91	2.09	0.00	0.27	0.05	0.00	13.80
8	0.00	8.34	0.91	2.09	0.00	0.27	0.05	0.00	11.70
9	0.00	5.24	0.91	2.09	0.00	0.27	0.05	0.00	8.56
10	4.49	0.00	0.21	2.09	0.00	0.27	0.05	0.00	7.12
11	15.22	0.00	0.21	2.09	0.00	0.27	0.05	0.00	17.80
12	62.77	0.00	0.21	2.09	0.00	0.27	0.05	0.00	65.40

DETAILED REPORT ON THE WATER AVAILABILITY CALCULATION

Stream: COW CR > S UMPQUA R - AB WINDY CR

Basin: UMPQUA

Exceedance Level: 50

Watershed ID Number: 70573

Time: 08:01

Date: 06/22/2001

Month	Natural Stream Flow	CU + Stor Prior to 1/1/93	CU + Stor After 1/1/93	Expected Stream Flow	Reserved Stream Flow	Instream Water Rights	Net Water Available
1	342.00	75.70	0.07	266.00	0.00	60.00	206.00
2	366.00	81.00	0.07	285.00	0.00	60.00	225.00
3	378.00	83.60	0.08	294.00	0.00	60.00	234.00
4	234.00	2.30	0.08	232.00	0.00	60.00	172.00
5	109.00	4.40	0.03	105.00	0.00	40.00	64.60
6	53.30	6.55	0.02	46.70	0.00	20.00	26.70
7	26.20	9.13	0.01	17.10	0.00	10.00	7.07
8	16.00	7.48	0.00	8.52	0.00	10.00	-1.48
9	14.70	5.09	0.00	9.61	0.00	10.00	-0.39
10	21.60	5.76	0.00	15.80	0.00	30.00	-14.20
11	79.30	18.40	0.00	60.90	0.00	60.00	0.94
12	299.00	66.30	0.04	233.00	0.00	60.00	173.00
Stor	116000	22000	24	94500	0	28900	66600

DETAILED REPORT OF CONSUMPTIVE USES AND STORAGEES

Stream: COW CR > S UMPQUA R - AB WINDY CR

Basin: UMPQUA

Watershed ID Number: 70573

Time: 08:01

Date: 06/22/2001

Mo	Storage	Irrig	Munic	Ind/Man	Commer	Domest	Agricul	Other	Total
1	74.70	0.00	0.40	0.42	0.00	0.21	0.03	0.00	75.80
2	79.99	0.00	0.40	0.42	0.00	0.21	0.03	0.00	81.00
3	82.61	0.00	0.40	0.42	0.00	0.21	0.03	0.00	83.70
4	0.04	1.28	0.40	0.42	0.00	0.21	0.03	0.00	2.38
5	0.01	3.37	0.40	0.41	0.00	0.21	0.03	0.00	4.43
6	0.01	5.52	0.40	0.41	0.00	0.21	0.03	0.00	6.58
7	0.00	8.08	0.40	0.41	0.00	0.21	0.03	0.00	9.13
8	0.00	6.43	0.40	0.41	0.00	0.21	0.03	0.00	7.48
9	0.00	4.04	0.40	0.41	0.00	0.21	0.03	0.00	5.09
10	4.72	0.00	0.40	0.41	0.00	0.21	0.03	0.00	5.76
11	17.32	0.00	0.40	0.41	0.00	0.21	0.03	0.00	18.40
12	65.34	0.00	0.40	0.41	0.00	0.21	0.03	0.00	66.40

DETAILED REPORT ON THE WATER AVAILABILITY CALCULATION

Stream: STARVEOUT CR > COW CR - AT MOUTH

Basin: UMPQUA

Exceedance Level: 50

Watershed ID Number: 362

Time: 08:01

Date: 06/22/2001

Month	Natural Stream Flow	CU + Stor Prior to 1/1/93	CU + Stor After 1/1/93	Expected Stream Flow	Reserved Stream Flow	Instream Water Rights	Net Water Available
1	28.40	0.13	0.00	28.30	0.00	15.00	13.30
2	26.30	0.13	0.00	26.20	0.00	15.00	11.20
3	32.20	0.13	0.00	32.10	0.00	15.00	17.10
4	19.00	0.16	0.00	18.80	0.00	10.00	8.84
5	8.99	0.21	0.00	8.78	0.00	8.00	0.78
6	3.80	0.26	0.00	3.54	0.00	5.00	-1.46
7	1.59	0.32	0.00	1.27	0.00	1.00	0.26
8	0.74	0.28	0.00	0.46	0.00	1.00	-0.54
9	0.76	0.22	0.00	0.54	0.00	1.00	-0.47
10	1.48	0.13	0.00	1.35	0.00	5.00	-3.65
11	6.01	0.13	0.00	5.88	0.00	15.00	-9.12
12	22.60	0.13	0.00	22.50	0.00	15.00	7.47
Stor	9140	135	0	9000	0	6370	3540

DETAILED REPORT OF CONSUMPTIVE USES AND STORAGES

Stream: STARVEOUT CR > COW CR - AT MOUTH

Basin: UMPQUA

Watershed ID Number: 362

Time: 08:01

Date: 06/22/2001

Mo	Storage	Irrig	Munic	Ind/Man	Commer	Domest	Agricul	Other	Total
1	0.00	0.00	0.00	0.11	0.00	0.02	0.00	0.00	0.13
2	0.00	0.00	0.00	0.11	0.00	0.02	0.00	0.00	0.13
3	0.00	0.00	0.00	0.11	0.00	0.02	0.00	0.00	0.13
4	0.00	0.03	0.00	0.11	0.00	0.02	0.00	0.00	0.16
5	0.00	0.08	0.00	0.11	0.00	0.02	0.00	0.00	0.21
6	0.00	0.14	0.00	0.11	0.00	0.02	0.00	0.00	0.26
7	0.00	0.20	0.00	0.11	0.00	0.02	0.00	0.00	0.32
8	0.00	0.16	0.00	0.11	0.00	0.02	0.00	0.00	0.28
9	0.00	0.10	0.00	0.11	0.00	0.02	0.00	0.00	0.22
10	0.00	0.00	0.00	0.11	0.00	0.02	0.00	0.00	0.13
11	0.00	0.00	0.00	0.11	0.00	0.02	0.00	0.00	0.13
12	0.00	0.00	0.00	0.11	0.00	0.02	0.00	0.00	0.13

ORS 537.409 ALTERNATE RESERVOIR CHECKLIST

FILE # R- 84485

REVIEW DATE: 6-22-01

INITIALS: JWG

BEFORE PREPARING THE FO OR PERMIT, YOU MUST CHECK THE FOLLOWING:

- Y / N Has the Fishery Impacts Worksheet been completed? (per Div 33)
- Y / N / NA Have interagency team members been notified? (per Div 33)
- Y / N Were comments or protests received? If so, **from whom** and **when**?
- Y / N Conflicts? If so, permit # _____
- Y / N Is water ~~use~~ prohibited for one or more months of the normal use period?
Water Availability Basin 16
- _____ If # 5 = "Y", is short season due to WA CLASSIFICATION or DIV 33?
- Y / N Is the file lacking the SOURCE, QUANTITY or a MAP?
- Y / N Is further processing possible? If not state reason: _____
- _____ Notify applicant of additional information or fees required prior to permit issuance.
(SEND CERTIFIED LETTER & use standard wording from M:\...\FO\TOOLS if possible)
- _____ Assign permit numbers to files with complete application, fees, and no unresolved issues.

PROCESS AS: (circle one)

DENIAL FO w/o PERMIT FO & PERMIT

COMMENTS

Fish conditions -
Normal Season = Oct - Jul 14 -
WA = Dec - May

MODIFY FO AS NEEDED TO:

- _____ Respond to significant comments, issues, or disputes related to the proposed use of water (see notes, if any, listed above)
- _____ Include or exclude permit conditions and management codes Fish SWW
- _____ Correctly describe POD & POU location (verify from map). 518, T325, R4W

ONCE FO DOCUMENT IS COMPLETED:

- _____ Save WordPerfect document in M:\GROUPS\WR\FO\WEEK²⁹⁴ & delete duplicates
- _____ Print final draft of document and submit to senior staff for review
- Y / N Review completed

Fishery Impacts Worksheet

for ORS 537.409 ALTERNATE RESERVOIR applications

Application: R- 84485

Date: 6-22-01

1. This application is in the Lower Columbia Basin (Including the Willamette and Sandy Basins):
 YES. Include permit conditions per OAR 690-33-220(2) & Go to #5. NO. Go to #2.

2. This application is in the Upper Columbia/Snake Basin in the areas listed below :
 YES. Circle basin #, then go to #3 NO. Go to #5.

- | | |
|-------------------------|-------------------------------|
| (4) Hood Basin; | (9) Powder Basin; |
| (5) Deschutes Basin; | (10) Malheur Basin; |
| (6) John Day Basin; | (11) Owyhee Basin; |
| (7) Umatilla Basin; | (19) Mainstem Columbia River; |
| (8) Grande Ronde Basin; | (20) Mainstem Snake River. |

3. The applicant has provided information required by 690-33-120 (2) to show:

(A) The proposed use does not involve appropriation of direct streamflow during the time period of April 15 to September 30.

(B) The proposed use is exempt as provided in OAR 690-33-140 and as identified below (circle the appropriate answer):

- (1) Domestic water use;
- (2) Projects that provide net benefits for native resident and native anadromous fish recovery. For example, these projects may include, but are not limited to, livestock watering away from water courses which results in improved riparian areas;
- (3) Emergency use necessary for public health and safety;
- (4) Existing water uses covered under House Bill 2153 (Oregon Legislature 1993); or
- (5) Multipurpose storage projects or other projects with measurable public benefits.

(C) No information provided. Condition to allow exempt uses only or restrict use to allowable season shown below.

4. Determination of Consistency With the Fish and Wildlife Program

The Department has consulted with the Northwest Power Planning Council, ODFW, U.S. Fish and Wildlife Service, National Marine Fisheries Service, Indian tribes and appropriate local governments. If the Department has determined that a proposed use of water is inconsistent with the Fish and Wildlife Program and cannot be conditioned to achieve consistency, the application is presumed to impair or be detrimental to the public interest. (OAR 690-033-0120)

			1 st ½	2 nd ½									
	Jan	Feb	Mar	Apr	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec

<u>Division 33</u>	YES	YES	YES	YES	NO	NO	NO	NO	NO	NO	YES	YES	YES
<u>Water</u>													
<u>Available?</u>	YES	YES	YES	YES	--	--	--	--	--	--	YES	YES	YES

<u>Season</u>	Jan	Feb	Mar	Apr	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
				1 st ½	2 nd ½								

Pond Location _____

WAB# _____

5. The POD for this proposed use is within the following geographic areas :

a. Y / ~~N~~ / NA Waterways of the state where sensitive fish species are located.

b. ~~Y~~ / N / NA Waterways of the state, outside the Columbia Basin, with threatened or endangered fish.

6. _____ → If #5a or #5b = "Y", statewide rules, OAR 690-33-310 through 690-33-340, apply to this application. If both #5a and #5b = "N", GO TO #7.

7. _____ Continue with review of the following, as appropriate:

- ~~(1) fees~~
- ~~(2) land use~~
- ~~(3) ~~map~~~~
- ~~(4) water availability~~
- ~~(5) fishery impacts (see above)~~
- ~~(6) injury to existing rights~~
- ~~(7) public comments~~
- ~~(8) scenic waterway restrictions~~
- ~~(9) basin program restrictions~~
- ~~(10) other rule restrictions~~
- ~~(11) conflicts with existing rights~~
- ~~(12) statutory or other withdrawals~~

8. For Applications not subject to Item 2 above (Old Division 33)

Water Available?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
						^{NO}				^{NO}		
Season	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec

Basin # 16
Pond Location T32S, R4W
S18

WAB# 362

Dec - May

DIVISION 33 APPLICATION REVIEW SHEET FOR USE BY ODFW

Recommendations for Water Right Applications that may affect the Habitat of Sensitive, Threatened or Endangered Fish Species, OAR 690-33-310 through 340.

Date: 10/3/2000 21 day Deadline Date: _____ Application # R84485

Applicant's Name: Mary M. Massey

1) Will the proposed use occur in an area that may affect the essential habitat of sensitive, threatened, or endangered fish species? [690-33-330(1)]

NO / YES Species: Coho Status: Sensitive, Threatened, Endangered

IF ANSWER TO QUESTION (1) IS **YES**, CONTINUE ON THIS PAGE TO QUESTION (2),

IF ANSWER IS **NO**, FILL OUT PUBLIC INTEREST REVIEW SHEET (PAGE 2)

What stage or value is at risk (circle all that apply): Spawning, Incubation, Rearing, Passage, Habitat Value

2) Will the proposed use result in a **LOSS** in the essential habitat of THREATENED OR ENDANGERED SPECIES or a **NET LOSS** in the habitat of a SENSITIVE SPECIES?

NO / YES

A) Standard of NET LOSS applies to sensitive species statewide. [690-33-330(2)(a)]

B) Standard of LOSS applies to T or E species outside the Columbia Basin. [690-33-330(2)(b)]

3) Can conditions be applied to mitigate the impact to the essential habitat of a S, T or E species?

NO / YES [690-33-330(3)]

Which conditions are recommended? No overland flow due to excessive irrigation. If fish are stocked into the pond then the outlet must be double screened to prevent escape. Mesh size should be small enough to keep the fish in the pond.

(Try to select conditions from the Menu of Conditions)

4) If conditions cannot be identified to offset impacts to the essential habitat of S, T or E species, would the proposed use harm the species?

NO / YES [690-33-330(4)]

If YES, please explain: _____

ODFW RECOMMENDATION:

Approval with fishery conditions.

Approval without fishery conditions.

Denial.

ODFW Representative: Name: Tom Loynes Date: 10/3/2000

WRD Contact: Brendalee S. Wilson, Interagency Coordinator/Policy Analyst, Water Rights Division

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WATER RESOURCES DEPARTMENT

DIVISION 516

UMPQUA BASIN PROGRAM

[NOTE: The Umpqua River Basin is delineated on State Water Resources Board Map 16.6, dated 1969, available from the agency.]

690-516-0005

Classifications

(1) The maximum economic development of this state, the attainment of the highest and best use of the waters of the Umpqua River Basin, and the attainment of an integrated and coordinated program for the benefit of the state as a whole will be furthered through utilization of the aforementioned waters only for domestic, livestock, municipal, irrigation, temperature control, power development, industrial, mining, recreation, wildlife, fish life uses, and pollution abatement; and the waters of the Umpqua River Basin are hereby so classified with the following exceptions:

- (a) Preference shall be given to human consumption, livestock consumption and irrigation of non-commercial gardens not to exceed one-half acre in area for all the waters of the Umpqua River Basin over any other beneficial uses;
- (b) The waters of the natural lakes of the Umpqua River Basin are classified only for the utilization of water for domestic, livestock, power development not to exceed 7-1/2 theoretical horsepower, and in-lake uses for recreation, wildlife, and fish life purposes;
- (c) The waters of Roberts Creek and its tributaries were withdrawn by Water Resources Commission's Order of Withdrawal on October 4, 1991;
- (d) The unappropriated waters of Lookingglass Creek and tributaries are withdrawn from further appropriation except for domestic and livestock watering uses under 5,000 gallons per day per appropriation and water legally stored and released from storage from June 1 through September 30 of each year, by the Water Policy Review Board's Order of Withdrawal dated April 3, 1983.

(e) The unappropriated waters of the South Umpqua River and tributaries, excluding Lookingglass and Roberts Creeks, are withdrawn from further appropriation except for human consumption, livestock consumption, irrigation of up to 1/2-acre non-commercial garden and water legally released from storage from July 15 through September 30 of each year, by the Water Policy Review Board's Order of Withdrawal dated April 29, 1985. This limitation shall not affect the withdrawals previously enacted by the Board for the waters of Roberts and Lookingglass Creeks.

(2) Applications for the use of the waters of the Umpqua River Basin shall not be accepted by any state agency for any purposes contrary to the classifications herein specified, and the granting of applications for such other purposes is declared to be prejudicial to the public interest, and the granting of applications for such other use would be contrary to this water-use program.

(3) Structures or works for utilization of the waters in accordance with the aforementioned classifications are also declared to be prejudicial to the public interest unless planned, constructed and operated in conformity with the applicable provisions of ORS 536.310; and any such structures or works which do not give cognizance to the multiple-purpose concept are further declared to be prejudicial to the public interest.

Stat. Auth.: ORS 536.300, ORS 536.340 & ORS 536.410

Stats. Implemented:

Hist.: (WRB 9, f. 4-21-59; WRB 11, f. 10-31-60; WRB 22, f. 11-16-62; WRB 27, 5-11-64; WRB 58, f. 4-15-74; WRD 8(Temp), f. 7-22-77; WRD 4-1981, f. & cert. ef. 5-28-81; WRD 6-1981(Temp), f. & cert. ef. 8-25-81; WRD 8-1982, f. & cert. ef. 7-1-82; WRD 7-1984, f. & cert. ef. 12-27-84; WRD 4-1985, f. & cert. ef. 5-15-85; WRD 8-1985, f. & cert. ef. 8-2-85; WRD 9-1985, f. 8-2-85; South Umpqua WRB 22, f. 11-16-62; Main Stem-Umpqua System, WRB 27, f. 5-11-64) WRD 8-1991, f. & cert. ef. 11-7-91, Renumbered from 690-080-0160

690-516-0010

Minimum Perennial Streamflows

(1) For the purpose of maintaining minimum perennial streamflows sufficient to support aquatic life, no appropriations of water except for human consumption, livestock consumption and irrigation of non-commercial gardens not to exceed one-half acre in area and waters legally released from storage shall be made or granted by any state agency or public corporation of the state for the waters of the following streams when flows are at or below the levels specified in **Table 1**.

(2) The minimum perennial streamflows established by the October 24, 1958, Umpqua Basin program shall remain in effect over appropriations issued from October 24, 1958 to March 26, 1974.

[ED. NOTE: The Table referenced in this rule is not printed in the OAR Compilation. Copies are available from the agency.]

Stat. Auth.: ORS 536.300, ORS 536.340 & ORS 536.410

Stats. Implemented:

Hist.: (WRB 9, f. 4-21-59; WRB 11, f. 10-31-60; WRB 22, f. 11-16-62; WRB 27, 5-11-64; WRB 58, f. 4-15-74; WRD 8(Temp), f. 7-22-77; WRD 4-1981, f. & cert. ef. 5-28-81; WRD 6-1981(Temp), f. & cert. ef. 8-25-81; WRD 8-1982, f. & cert. ef. 7-1-82; WRD 7-1984, f. & cert. ef. 12-27-84; WRD 4-1985, f. & cert. ef. 5-15-85; WRD 8-1985, f. & cert. ef. 8-2-85; WRD 9-1985, f. 8-2-85; South Umpqua WRB 22, f. 11-16-62; Main Stem-Umpqua System, WRB 27, f. 5-11-64) WRD 8-1991, f. & cert. ef. 11-7-91,

Renumbered from 690-080-0160

690-516-0020

Storage

All applications for appropriation of water for storage in structures impounding more than 3,000,000 gallons of water shall be reviewed by the Water Policy Review Board prior to approval. During the review, the Water Policy Review Board may establish additional minimum flows on the natural flow of the stream to support aquatic life or minimize pollution.

Stat. Auth.: ORS 536.300, ORS 536.340 & ORS 536.410

Stats. Implemented:

Hist.: (WRB 9, f. 4-21-59; WRB 11, f. 10-31-60; WRB 22, f. 11-16-62; WRB 27, 5-11-64; WRB 58, f. 4-15-74; WRD 8(Temp), f. 7-22-77; WRD 4-1981, f. & cert. ef. 5-28-81; WRD 6-1981(Temp), f. & cert. ef. 8-25-81; WRD 8-1982, f. & cert. ef. 7-1-82; WRD 7-1984, f. & cert. ef. 12-27-84; WRD 4-1985, f. & cert. ef. 5-15-85; WRD 8-1985, f. & cert. ef. 8-2-85; WRD 9-1985, f. 8-2-85; South Umpqua WRB 22, f. 11-16-62; Main Stem-Umpqua System, WRB 27, f. 5-11-64) WRD 8-1991, f. & cert. ef. 11-7-91,
Renumbered from 690-080-0160

690-516-0030

Out-of-Basin Appropriations

To support present and proposed Umpqua River Basin water resource development, no out-of-basin appropriation of the waters of the Umpqua River Basin shall be made or granted by any state agency or public corporation of the state without the prior approval of, and following a public hearing by, the Water Policy Review Board.

Stat. Auth.: ORS 536.300, ORS 536.340 & ORS 536.410

Stats. Implemented:

Hist.: (WRB 9, f. 4-21-59; WRB 11, f. 10-31-60; WRB 22, f. 11-16-62; WRB 27, 5-11-64; WRB 58, f. 4-15-74; WRD 8(Temp), f. 7-22-77; WRD 4-1981, f. & cert. ef. 5-28-81; WRD 6-1981(Temp), f. & cert. ef. 8-25-81; WRD 8-1982, f. & cert. ef. 7-1-82; WRD 7-1984, f. & cert. ef. 12-27-84; WRD 4-1985, f. & cert. ef. 5-15-85; WRD 8-1985, f. & cert. ef. 8-2-85; WRD 9-1985, f. 8-2-85; South Umpqua WRB 22, f. 11-16-62; Main Stem-Umpqua System, WRB 27, f. 5-11-64) WRD 8-1991, f. & cert. ef. 11-7-91,
Renumbered from 690-080-0160

690-516-0040

Water Quality

Rights to use of water granted by any state agency in accordance with this water-use program shall be issued only on the condition that any effluents or return flows from such uses shall not interfere with other beneficial uses of water.

Stat. Auth.: ORS 536.300, ORS 536.340 & ORS 536.410

Stats. Implemented:

Hist.: (WRB 9, f. 4-21-59; WRB 11, f. 10-31-60; WRB 22, f. 11-16-62; WRB 27, 5-11-64; WRB 58, f. 4-15-74; WRD 8(Temp), f. 7-22-77; WRD 4-1981, f. & cert. ef. 5-28-81; WRD 6-1981(Temp), f. & cert. ef. 8-25-81; WRD 8-1982, f. & cert. ef. 7-1-82; WRD 7-1984, f. & cert. ef. 12-27-84; WRD 4-1985, f. & cert. ef. 5-15-85; WRD 8-1985, f. & cert. ef. 8-2-85; WRD 9-1985, f. 8-2-85; South Umpqua WRB 22, f. 11-16-62; Main Stem-Umpqua System, WRB 27, f. 5-11-64) WRD 8-1991, f. & cert. ef. 11-7-91,
Renumbered from 690-080-0160

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State of Oregon
Water Resources Department
 158 12th Street NE, Salem, OR 97310
 (503)378-8455 • (800)624-3199
 www.wrd.state.or.us

SEND TO

#10.00

Application for a Permit to Store Water

RECEIVED

Alternate Review Process (ORS 537.409)

Application No. 84485 **Permit No.** _____
 You may use this form for any reservoir storing less than 9.2 acre-feet or with a dam less than 10 feet high.

JUL 06 2000
 WATER RESOURCES DEPT.
 SALEM, OREGON

Use a separate form for each reservoir.

Please type or print in dark ink. If your application is found to be incomplete or inaccurate, we will return it to you. If any requested information does not apply to your application, insert "n/a."

1. APPLICANT INFORMATION

Landowner: MARY M. MASSEY / McHAEN
First Last

Authorizing Agent: DENNIS G. McHAEN
First Last

Mailing address: 971 STARVEOUT CREEK / P.O. 165
AZALEA OR 97410
City State Zip

Phone: 1 541-837-3536 — —
Home Work Other

*Fax: 1-541-837-3536 *E-Mail address: WHITEHAWK@MCSI.NET

*Optional information

2. LOCATION AND SOURCE

A. Reservoir name: WHITEHAWK POND

B. Source

Provide the name of the water body or other source from which water will be diverted, and the name of the stream or lake it flows into. Indicate if the source is run-off, seepage, or an unnamed spring or stream.

Source: SPRING Tributary to: STARVEOUT CREEK

C. Reservoir Location

township	range	section	quarter/quarter	tax lot no.
T323	RAW	18	NW NW	1200

D. Dam

Maximum height of the dam: 1.0 feet.

For Department Use		
App. No. <u>R-84485</u>	Permit No. _____	Date <u>7-6-2000</u>

Application No. 84485

Permit No.

3. WATER USE

How do you plan to use the stored water?

- Irrigation
- Stockwater
- Aquatic Life
- Nursery Operations
- Cranberry
- Temperature Control
- Forest and Range Management
- Industrial
- Commercial
- Fire Protection
- Mining
- Power Development
- Domestic
- Human Consumption
- Domestic Expanded
- Municipal
- Stormwater
- Quasi-municipal
- Group Domestic
- Recreation
- Wildlife
- Pollution Abatement
- Wetland Enhancement
- Multipurpose

What is an acre foot?

One acre-foot is the volume of water that would cover one acre of land to the depth of one foot. To find out how much water your pond stores, multiply the surface area (in feet) by the average depth. This will give you a rough estimate of cubic feet. One acre-foot equals 43,560 cubic feet. To be eligible for the alternate process your reservoir must store less than 400,752 cubic feet (43,560 X 9.2).

Application fee

Your application fee is based on the number of acre-feet of your proposed reservoir.

\$10 per acre-foot.

Example:

6.5 acre-feet X \$10=\$65 total.

A. Quantity: Amount of water to be stored in the reservoir at maximum capacity: 0.20 ACFI

B. Use: Indicate the proposed use(s) of the stored water (see list to the left).

AQUATIC LIFE, WILDLIFE

Note: If you intend to use this stored water outside of the reservoir you must also file an application to use surface water.

C. Water Rights: What water rights, if any, have been issued for this reservoir? (Indicate permit or certificate number.)

NO

4. ENVIRONMENTAL IMPACT

A. Channel: Is the reservoir in stream or off channel? Yes No

B. Wetland: Is the project in a wetland? Yes No Don't Know

C. Existing: Is this an existing reservoir? Yes No

If yes, how long has it been in place? 10 years

D. Fish Habitat: Is there fish habitat upstream of the proposed structure? Yes No Don't Know

If yes, how much? miles

E. Partnerships: Have you been working with other agencies?

Yes No

Indicate agency, staff and phone numbers of those involved. Also indicate any agencies that are cost sharing in the project.

5. SIGNATURE

I swear that all statements made and information provided in this application are true and correct to the best of my knowledge.

Signature: Mary Mary McKein Date: 6-30-00
Signature: Andrew G. McShane Date: 6-30-00

Before you submit your application be sure you have:

- Answered each question completely.
- Included a legible map which includes township, range, section, quarter/quarter and tax lot number.
- Included a Land Use Information Form or receipt stub signed by a local official.
- Included a check payable to Oregon Water Resources Department for the appropriate amount.

RECEIVED

JUL 06 2000

WS# 2000-801
#12984
\$20.00



WATER RESOURCES DEPT.
SALEM, OREGON

Application No. 84485
Permit No.

Oregon Water Resources Department
Land Use Information Form

This information is needed to determine compatibility with local comprehensive plans as required by ORS 197.180. The Water Resources Department will use this and other information to evaluate the water use application. DO NOT fill out this form if water is to be diverted, conveyed, or used only on federal lands.

To Be Completed By Applicant

The following section includes information about proposed water use. This section must be completed by the individual or group that is filing an application for a water right with the Water Resources Department.

A. Applicant

Name: MARY M. MASSEY / MCKAIN

Address: 971 STARBUCK CREEK RD. / P.O. Box 165

City: ARABEL State: OR Zip: 97410 Day Phone: 541 837-3536

B. Land and Location

Please provide information as requested below for all tax lots on or through which water will be diverted, conveyed, or used. Check "diverted" if water is diverted (taken) from its source on tax lot, "conveyed" if water is conveyed (transported) on tax lot, and "used" if water will be put to beneficial use on tax lot. More than one box may be checked. (Attach extra sheets as necessary.) Applicants for municipal use, or irrigation uses within irrigation districts, may substitute existing and proposed service area boundaries for the tax lot information requested below.

Tax Lot I.D.	Plan Designation (e.g. Rural Residential/RR-5)	Water to be: (check all that apply)		
	T329-0204W-SEC18-7L1200	<input checked="" type="checkbox"/> Diverted	<input checked="" type="checkbox"/> Conveyed	<input checked="" type="checkbox"/> Used
	(FFT) AND (RCZ) FARM FOREST	<input type="checkbox"/> Diverted	<input type="checkbox"/> Conveyed	<input type="checkbox"/> Used
	TRANSITIONAL + RESIDENTIAL COMMITTED 2-ACRE.	<input type="checkbox"/> Diverted	<input type="checkbox"/> Conveyed	<input type="checkbox"/> Used

List counties and cities where water is proposed to be diverted, conveyed, or used. DOUGLAS COUNTY

C. Description of Water Use

Indicate what the water will be used for. Include the beneficial use (found in the instruction booklet for your water right application) and use the space below to describe the key characteristics of the project.

Beneficial Use(s): AQUATIC LIFE, WILDLIFE, WATER TABLE

Briefly describe: SPRING FED POND

D. Source

Indicate the source for the proposed water use:

Reservoir/Pond Ground Water Surface Water (source)

E. Quantity

Indicate the estimated quantity of water the use will require:

0.20 CFS GPM Acre-Feet

Receipt for Request for Land Use Information

State of Oregon
Water Resources Department
Commerce Bldg.
158 12th St. NE
Salem, OR 97310-0210
(503)378-8455

For Local Government Use Only

The following section must be completed by a planning official from each county and city listed unless your project will be located entirely within the city limits. In this case, only the city planning agency must complete this form. Please request additional forms as needed or feel free to copy.

Application No. 84485

A. Allowed Use

Permit No.

Check the appropriate box below and provide requested information.

- Land uses to be served by proposed water uses (including proposed construction) are allowed outright or are not regulated by your comprehensive plan. Cite applicable ordinance section(s); 3.6.050. Go to section B "Approval" below
- Land uses to be served by proposed water uses (including proposed construction) involve discretionary land use approvals as listed in the table below.

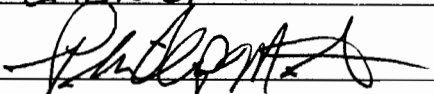
Type of Land Use Approval Needed (e.g. plan amendments, rezones, conditional use permits, etc.)	Cite Most Significant, Applicable Plan Policies & Ordinance Section References	Check the item that applies: Land Use Approval:	
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being pursued <input type="checkbox"/> Not being pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being pursued <input type="checkbox"/> Not being pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being pursued <input type="checkbox"/> Not being pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being pursued <input type="checkbox"/> Not being pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being pursued <input type="checkbox"/> Not being pursued

Note: Please attach documentation of applicable local land use approvals which have already been obtained. (Record of Action plus accompanying findings is sufficient.)

DOUGLAS COUNTY PLANNING DEPARTMENT
ROOM 106, JUSTICE BUILDING
DOUGLAS COUNTY COURTHOUSE
ROSEBURG, OR 97470

B. Approval

Please provide printed name and written signature.

Name: PHIL STENBECK Date: 6/30/00
 Title: PLANNER Phone: (541) 440-4289
 Signature: 

C. Additional Comments

Local governments are invited to express special land use concerns or make recommendations to the Department regarding this proposed use of water below, or on a separate sheet.

Note: If this form cannot be completed while the applicant waits, sign and detach the receipt stub as instructed below. You will have 30 days from the Water Resources Department's notice date to return the completed Land Use Information Form or WRD will presume the land use associated with the proposed water right is compatible with local comprehensive plans. (See attached letter.)

Receipt for Request for Land Use Information

Name of water right applicant: _____

This receipt must be signed by a local government representative and returned to the applicant at the time they present this form. This receipt must be included in the application for a water right permit if the local government cannot provide the requested land use information while the applicant waits.

City or County: _____

Staff contact: _____ Phone: _____

Signature: _____ Date: _____