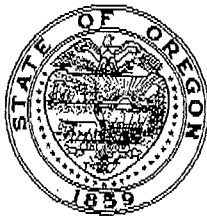


File #: S-87665



Oregon Water Resources Department

Application Supplement for Human Consumption & Livestock Uses

For water use permit applications within or above scenic waterways, or from streams for which water is not available due to required instream flows, the Department may issue limited permits for human consumption and livestock uses. Human consumption is limited to indoor use for drinking, cooking, and sanitation and is limited to 500 gallons per day. It does not include outdoor uses such as lawn watering, garden watering or other similar uses.

In order to issue a permit to you for human consumption or livestock use, the Department must find that you cannot reasonably obtain water from any other source. For human consumption, an additional finding must be made that denial of the water right would result in loss of reasonable expectations for use of your property. For livestock use, additional findings must be made that issuance of a permit is necessary to prevent the livestock from watering in or along the stream bed and that you have excluded livestock from the stream and the adjacent riparian zone.

Please answer the following questions, and sign and return this form to Oregon Water Resources Department, 725 Summer St NE Ste A, Salem OR 97301-1266.

1. Can you reasonably obtain water from any other source? YES / NO
(circle one)

If not, please describe why each of the following options are not reasonable:

- a. Groundwater, such as a well on yours or a neighbor's property. (If expense is the reason groundwater is not reasonable, please provide two estimates of the cost.)
Subject property is located near the Bonanza Mine, an abandoned Mercury Mine. Many wells in the area contain high levels of heavy metals. All 3 wells on the subject property have tested positive for high levels of Arsenic and/or Mercury. — see attached reports —
- b. Securing stored water from upstream reservoirs.
No upstream reservoirs are available for domestic water.
- c. Trucking water. (If expense is the reason this option is not reasonable, please provide a copy of an estimate of the cost of trucking water.)
Cost to truck 500 gallons of potable water per day would be \$750 per month.

d. Community or municipal water suppliers.

The City of Sutherlin has a moratorium on new water hookups until they upgrade their treatment system - this will be several years

e. Tying in to a neighboring property's spring.

All groundwater in the area is subject to the arsenic and mercury contamination. No neighbor nearby has non-contaminated well or spring.

g. Transferring existing water rights to your proposed use(s).

None are available from neighbors.

Please identify any other alternate water sources you have considered, and why they are not feasible:

All known wells and springs in the immediate area show arsenic or mercury contamination, city of Sutherlin will not allow new hookups.

2. If you are seeking a permit for **human consumption use**, would denial of your application result in loss of reasonable expectations for use of your property?

YES / NO / NOT APPLICABLE
(circle one)

If so, please describe how:

Occupants would have to have water delivered. This would be a financial hardship, and an inconvenience to the elderly occupants.

3. If you are seeking a permit for **livestock use**, is the proposed use necessary to prevent the livestock from watering in or along the stream bed?

YES / NO / NOT APPLICABLE
(circle one)

4. If you are seeking a permit for **livestock use**, have you excluded livestock from the stream and the adjacent riparian zone?

YES / NO / NOT APPLICABLE
(circle one)

Applicant Signature: [Signature] P.R. Date: 12-08-2010

Applicant Signature: _____ Date: _____

UMPQUA RESEARCH COMPANY

P.O. Box 609 - 626 NE Division St.
Myrtle Creek, Or 97457

(541)863-5201 - Fax (541)863-6199

well by house
40 Gall M

OREGON STATE CERTIFIED LAB # 015

URC Sample #: 90922-1

Date Received: 09/22/99

Date Reported: 10/13/99

Mailing Address:

Sample Location:

Phyllis Butcher	Phyllis Butcher
P.O. Box 49	8330 Nonpariel Rt.
Sutherlin, OR 97479	Sutherlin, OR 97479

Collector: PB	Date/Time Collected: 09/22/99 3:30	Sample Point: Well			
Complete Package					
Test	Test Method	Units	Suggested Limits	Test Results	Date/Analyst
pH	SM 4500-H+	pH Units	6.5 - 8.5	7.7	09/23/99 MH
Specific Conductance	SM 2510 B	µmho/cm	<500	 	09/23/99 MH
Color	SM 2120B	Color Units	<10 preferred	10	09/23/99 MH
Sulfur Odor	Qualitative Test		No odor	ND	09/23/99 MH
Turbidity	SM 2130	NTU	<5	3.6	09/23/99 MH
Hardness (as CaCO₃)	SM 2340-C	mg/l	<205	 	10/01/99 MH
Calcium	EPA 215.2	mg/l		114	09/27/99 JMR
Total Alkalinity	SM 2320B	mg/l	No suggested limit	 	09/24/99 ST
Total Dissolved Solids	SM 2540C	mg/l	<300	 	09/27/99 JMR
Corrosivity (Saturation Index)	SM 2330B	SI	-1.0 - Ideal	0.53	10/13/99 KO
Nitrate	EPA 300.0	mg/l	*<10	ND@0.1	09/24/99 FG
Nitrite	EPA 300.0	mg/l	*<1	ND@0.01	09/24/99 FG
Chloride	EPA 300.0	mg/l	<250	 	09/24/99 FG

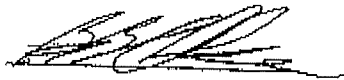
FG

METALS - IOC'S	METHOD	UNITS	SUGGESTED LIMITS	TEST RESULTS	DATE & ANALYST
Asbestos	EPA 200.9	mg/l	*0.05	ND@0.001	09/24/99 ST
Cadmium	EPA 200.9	mg/l	*0.005	ND@0.001	09/28/99 ST
Chromium	EPA 200.9	mg/l	*0.1	ND@0.02	09/27/99 ST
Copper	EPA 220.2	mg/l	*1.0	ND@0.05	09/27/99 JMR
Iron	EPA 236.1	mg/l	*0.3	0.048	10/01/99 JMR
Lead	EPA 200.9	mg/l	*0.015	ND@0.002	09/29/99 JMR
Manganese	EPA 200.9	mg/l	*0.05	ND@0.01	10/12/99 JMR
Mercury	EPA 245.1	mg/l	*0.002	ND@0.001	10/01/99 JMR
Nickel	EPA 200.9	mg/l	*0.1	ND@0.02	09/28/99 ST
Selenium	EPA 273.1	mg/l	**<20	ND@0.02	09/26/99 JMR
Zinc	EPA 289.1	mg/l	*5.0	ND@0.02	09/26/99 JMR

* Oregon State Health Division, Maximum Contaminant Level Due to Possible Toxicity at High Levels.
 ** EPA warning > 20 mg/l may affect anyone on a salt free diet

ND = None Detected at Level Indicated

(Handwritten signature in a circle)

Report Approved by 

THE URC Research Company
 P.O. Box 609 - 626 Division Street
 Myrtle Creek, OR 97457
 (541) 863-5201 Fax: (541) 863-6199

*well log Room
 created
 3901 Minut*

REPORT

OREGON STATE CERTIFIED LAB #015

Date Reported: 09/27/00
 Date Collected: 08/28/00
 Time Collected: 1:00 PM
 Sampled By: Phyllis

PWS#:
 PWS Name:
 Sampled At:

Mailing Address for Report

Phyllis Butcher
 P.O. Box 49
 Sutherlin, OR 97479

Sample Information

Well

Invoice#
 3888

Complete Package

Matrix: Water

URC Sample #: **200830-18**
 Sample ID: Well

Analyte	Method	Code	Results	Units	MCL	Date Analyzed	Analyst
pH	SM 4500-HH		7.3	pH units	6.5-8.5	08/30/00	MLH
Specific Conductance	SM 2510A		705	umho/cm	<500	08/30/00	MLH
Fluoride	EPA 300.0		0.45	mg/L		09/01/00	KSO
Chloride	EPA 300.0		86.8	mg/L	<250	08/31/00	KSO
Nitrite	EPA 300.0		0.040	mg/L	<1.0	09/01/00	KSO
Nitrate	EPA 300.0		ND@0.1	mg/L	<10	09/01/00	KSO
Sulfate	EPA 300.0		26.8	mg/L	<20	09/01/00	KSO
Color	SM 2120B		40	Color Units	<10	08/30/00	MLH
Sulfur Odor	Qualitative test		ND		No Odor	08/30/00	KSO
Turbidity	SM 2130		8.92	NTU		08/30/00	MLH
Hardness (as CaCO3)	SM 2340C		212	mg/L	<205	09/01/00	MLH
Total Dissolved Solids	SM 2540C		411	mg/L	<500	08/31/00	MLH
Total Alkalinity	SM 2320B		196	mg/L		09/01/00	MLH
Corrosivity	SM 2330B		-0.33	SI	1.0 = idea	09/25/00	KSO
Arsenic	EPA 200.9		0.069	mg/L	<0.05	09/06/00	JMR
Cadmium	EPA 200.9		ND@0.001	mg/L	<0.005	09/06/00	JMR
Calcium	SM 3111B		35.6	mg/L		09/22/00	JMR
Chromium	EPA 200.9		ND@0.02	mg/L	<0.1	09/06/00	JMR
Copper	EPA 200.9		ND@0.01	mg/L	<1.0	09/01/00	JMR
Iron	EPA 236.1		2.99	mg/L	<0.3	09/22/00	JMR
Lead	EPA 200.9		0.004	mg/L	<0.015	09/01/00	JMR
Manganese	EPA 200.9		0.057	mg/L	<0.05	09/21/00	JMR
Mercury	EPA 245.1		ND@0.001	mg/L	<0.002	09/15/00	JMR
Nickel	EPA 200.9		ND@0.02	mg/L	<0.1	09/21/00	JMR
Sodium	SM 3113B		94.4	mg/L	<20	09/08/00	JMR
Zinc	EPA 289.1		0.035	mg/L	<5.0	09/08/00	JMR

MCL = Maximum Contaminant Level
 ND = None Detected

Approved By: 

*well invoice # 3888
 water testing complete pkg
 #149.02*

200830-18



Remax Professional Realty

2955 NW Edenbower Blvd, Roseburg, OR 97471

(541) 673-3272 or Toll Free (800) 637-9689 Fax (541) 673-3128

Just the Fax from:

- Kelly Forney, Broker
- Dee Forney, Assistant
- Chelsie Siemens, Assistant

To: Michele McAleer Fax # 503-986-0901

Pages Sent (including this cover) 7

If you do not receive all the pages of this fax, please call me. All faxes are considered legal and binding documents.

8330 Nonpariel Bld. Sutherlin OR 97479

Application Supplement for Human Consumption
& Livestocks Uses

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