

Amended 1/23/2008

Amended 2/19/2009

Last revised: November 6, 2003



Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem Oregon 97301-1271
(503) 986-0900
www.wrd.state.or.us

Application for Water Right Transfer

Please type or print legibly 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". Please read and refer to the instructions when completing your application. A summary of review criteria and procedures that are generally applicable to these applications is available at www.wrd.state.or.us/publication/reports/index.shtml.

APPLICATION FOR:

Please check one

Water Right Transfer Temporary Transfer Drought Transfer
 Permit Amendment (# of years _____) Government Action Point of Diversion

1. APPLICANT INFORMATION

Name: Deschutes Valley Water District Contact: Ed Pugh
First Last

Address: 881 SW Culver Highway
Madras OR 97741
City State Zip

Phone: (541) 475-3849
Home Work Other

*Fax: (541) 475-6013 *E-Mail address: edson@dvwdd.org
Home Work Other

**Optional information*

2. AGENT INFORMATION

(The agent listed is authorized to represent the applicant in all matters relating to this transfer application)

Name: David Newton Newton Consultants, Inc.
First Last

Address: 521 SW 6th Street, Suite 100
~~15 SE 82nd Drive, Suite 120~~
Redmond ~~Gladstone~~ OR ~~97027~~ 97756
City State Zip

Phone: 541-504-9960 ~~(503) 742-1800~~
Home Work Other

*Fax: 541-504-9961 ~~(503) 742-1801~~ *E-Mail address: dnewton@newtonconsultants.com
Home Work Other

**Optional information*

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Transfer Application/1

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3. TYPE OF CHANGE

- Use
- Place of Use
- Point of Diversion
- Point of Appropriation
- Historic Point of Diversion
- Substitution
- Surface Water to Ground Water

10.38

Reason for change: Partial transfer of 18.94 cfs from Opal Springs to ground water (SB 820). Transfer P.O.D. from surface water to well P.O.A. for ground water source and energy conservation through use of artesian pressure.

4. AFFECTED DISTRICTS AND LOCAL GOVERNMENTS

Is the affected water right located within or served by an irrigation or other water district?

- Yes
- No

Will the affected water right be located within or served by an irrigation or other water district after the proposed transfer?

- Yes
- No

If yes for either, list the name and mailing address of each district:

Deschutes Valley Water District - 881 SW Culver Highway, Madras, Oregon 97741

Attach the name and mailing address of all affected local governments (e.g., county, city, municipal corporation, tribal governments)

Jefferson County - 66 SE D, Suite D Madras OR 97741 (541) 475-2443.

5. CURRENT WATER RIGHT INFORMATION

Name on Permit, Certificate, or Decree: Deschutes Valley Water District

Decree: _____

Not applicable

Permit Number: 36515 Certificate Number: 83733

Not applicable Not applicable

Claim of Beneficial Use - Date Submitted: _____

Requesting the Department to determine if the requirement for proof has been met.]

Permit Amendment Only -
Completion Date of Permit: _____

Priority Date: December 29, 1971 Authorized Use: Quasi - Municipal

Source of Water: Opal Springs County: Jefferson County

Are there other sources listed on the water right? Yes No

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Location of Authorized Point(s) of Diversion or Point(s) of Appropriation:

Coordinates (from recognized survey corner)	1/4 1/4 Section	Section	Township	Range
1215 ft N, 1940 ft W (E 1/4, Sec 33)	NW NE SW	33	12S	12E

Location of Authorized Place of Use: (Only list portion of water right subject to transfer)

Township	Range	Section	Government Lot or DIC	1/4 1/4 Section	Tax Lot Number	Acres (if appropriate)
See attached	permit and	service area	map			

Are there other lands described in the water right? Yes No

Are there other water rights or permits associated with this land? Yes No

Describe the current water delivery system (n/a Permit Amendment). The description must demonstrate that the applicant is ready, willing, and able to exercise the right. Include information on the capacity of any pumps, canals, and pipelines used to divert and convey the water to the authorized place of use.

See attached description - Attachment A.

19.20 cfs Based on Pipe/Pump Calculations

System capacity (in cfs): ~~18.53 cfs from Opal Springs & 23.00 cfs from Wells 1,2,3. From Pump/Pipe Cap~~

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Transfer Application/3

6. PROPOSED CHANGES TO THE WATER RIGHT

Change in Character of Use: (n/a Permit Amendment)

- Proposed Use: Irrigation Municipal Quasi-municipal
 Commercial Industrial Other _____
 Domestic (indicate number of households) _____

Change in Point of Diversion or Point of Appropriation:

- Change Old point of diversion or point of appropriation will not be used for this portion of the water right.
 Additional Both old and new points of diversion or points of appropriation will be used for this portion of the water right.
 Surface Water to Ground Water New point of appropriation will be used in the place of the old point of diversion. This is not an additional point of appropriation.

Location of Proposed Point(s) of Diversion or Point(s) of Appropriation:

Well #	Coordinates (from recognized survey corner)	1/4 1/4 Section	Section	Township	Range
1	815 ft N, 2023 ft W (E 1/4, Sec 33)	SW NE	33	12S	12E
2	545 ft N, 1960 ft W (E 1/4, Sec 33)	SW NE	33	12S	12E
3	78 ft S, 1890 ft W (E 1/4, Sec 33)	NW SE SW NE	33	12S	12E
4	503 ft S, 1833 ft W (E1/4, Sec 33)	NW SE	33	12S	12E
5	304 ft N, 1856 ft W (E1/4, Sec 33)	SW NE	33	12S	12E
6	790 ft S, 1869 ft W (E1/4, Sec 33)	NW SE	33	12S	12E
7	815 ft N, 2164 ft W (E1/4, Sec 33)	SW NE	33	12S	12E
8	475 ft N, 2169 ft W (E1/4, Sec 33)	SW NE	33	12S	12E
9	220 ft N, 2203 ft W (E1/4, Sec 33)	SW NE	33	12S	12E

Remarks: Place of use remains the same as shown on attached permit and district service area map.

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DESCHUTES VALLEY WATER DISTRICT
Application for Water Right Transfer

~~Permit No. 36515~~ Certificate 83733

April 23, 2004

ATTACHEMENT A

DESCRIPTION OF DISTRIBUTION SYSTEM AND WATER USE

Opal Springs is located in Township 12S, Range 12E, SW1/4 of NE ¼ of Section 33. 1215 feet north and 1940 feet west from the east 1/4 – section corner of Section 33.

The main spring at Opal Springs discharges from a steep slope above the Crooked River at the location described above. The diversion works are located near the bottom of the Crooked River Canyon and consist of a subsurface sheet pile wall and 60 inch diameter steel pipe installed vertically down into the rocky talus at the base of the slope. This pipe serves as a spring collector into which a turbine fan pump has been installed. The collector and pump supply water via a 20 inch diameter steel pipe to an adjacent pump house. Two steel pipelines (20 inch and 12 inch) convey water to storage reservoirs, 900 feet above the Canyon floor to the Main Tanks.

one

30

approximately 930

The Opal Springs pump house adjacent to the spring collector contains three 150 hp, two 500 hp, and two 400 hp turbine pumps. An additional 400 hp pump is located in another building nearby. Two steel pipelines, a 20 inch diameter and a 12 inch diameter are used to convey the pumped water approximately from the Canyon floor to the Main Tanks with an elevation change of 900 feet. Water is distributed from the Main Tanks via the various reservoir and booster pump system. Total system capacity is 18.53 cfs based on pump capacity, pipe sizes and operation alternatives.

four

19.20 cfs

Approximately 930 Feet

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