

SD EForm - 1585LD V5
FORM 2: Application for uses other than irrigation
 (type or print)

Mail to: DENR - Water Rights 523 E Capitol Ave Pierre, SD 57501-3182 ph. (605) 773-3352	(office use only)
	No. _____ Hydrologic Unit _____
	Basin _____
Newspaper _____	

Application For Permit To Appropriate Water Within The State Of South Dakota

Check use(s) of water:

<input type="checkbox"/> Municipal	<input type="checkbox"/> Water Distribution System	<input type="checkbox"/> Recreational	<input type="checkbox"/> Institutional
<input type="checkbox"/> Rural Water System	<input checked="" type="checkbox"/> Commercial	<input type="checkbox"/> Fish & Wildlife	<input type="checkbox"/> Geothermal
<input type="checkbox"/> Domestic (over 18 gpm)	<input checked="" type="checkbox"/> Industrial	<input type="checkbox"/> Other _____	

Type of Application:
 (check one)

New
 Vested Right (Use predates Mar 2, 1955)
 Future Use Reservation
 Place to Beneficial Use Water Reserved by Future Use Permit No. _____
 Amendment/Correction to Permit No. _____

Description of amendment/correction: (i.e. change diversion point(s), add diversion point(s), change use, etc.)

1. Name to Appear on Water Permit Otter Tail Power Company

Mailing Address 215 S. Cascade Street, P.O. Box 496 Fergus Falls, Mn 56538-0496
(Address) (City) (State) (Zip Code)
 Phone 218.739.8526 Mobile 218.205.4381 Email mthoma@otpc.com

2. Amount of water claimed _____ *CFS or 100 **GPM and _____ ***AF or 4,000,000 Gallons
Flow rate and volume are both required. (*Cubic Feet per Second) (**Gallons per Minute) (***)Acre Feet - storage capacity of dam/dugout or annual use)

3. Source of water supply Altamont Aquifer

4. Location of point of diversion 1 well - SE1/4NE1/4 Section 22 T113N R48W County Deuel
(example - 3 wells in SW1/4 NE1/4 section 12-T104N-R53W)

If not a public water supply (e.g. municipal), will water be used outside of the area described above? Yes No

If "Yes," where will water be used? _____
(example - NW1/4 section 12-T104N-R53W)

5. County or counties where water will be used Deuel

6. Annual period during which water is to be used Primarily summer months; some year round use

7. Give a description of the project. When available include any preliminary engineering report or other reports or information that will help explain the project. (Attach sheet if more space is needed)

Water uses for the facility include process water and potable water. The proposed capacity of the production well is 100 gallons per minute (gpm) and 4.0 million gallons per year. The well will pump water into an on-site water storage tank preliminarily sized to be 350,000 gallons. Outside of consuming less than 1 gpm on average for potable water by three to five plant employees, process water consumption at Astoria Station will only be needed at ambient temperatures above 59°F. Typical consumption at warm ambient conditions will be less than 40 gpm, with possible short term maximum usage of approximately 200 gpm. Based on annual average ambient conditions there will be many days or months when process water is not required.

I, Mark Thoma Manager, Environmental Services, the applicant, certify under
Name of Person Title (if applicable)

penalty of perjury that I have read this application, examined the attached map, and that the matters stated are true. I further certify, if acting on behalf of an entity or individual other than myself, that I am authorized to submit this application.

Attachments: Attach Form 2A if diversion is from a well or dugout, or if storage of water is proposed. Also, attach map and any other technical information. (see instructions)