

○ Casey

THREE MILE WATER

P O Box 906
Bonners Ferry, Idaho 83805
(208) 267-5166

about
Nov 30, 2004

Idaho Department of Water Resources
1910 Northwest Blvd., Suite 210
Coeur d'Alene, ID 83814

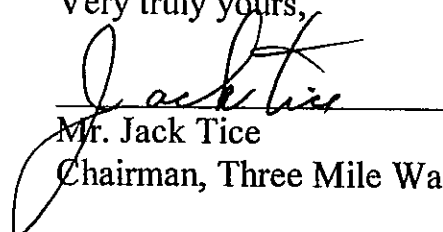
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JAN 24 2008
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Gentlemen:

Enclosed find Three Mile Water District's "Application for Permit to Appropriate the Public Waters of the State of Idaho", Form 202(12/99), with attachments. Also find application fee in the amount of \$490.00. This application is submitted pursuant to Idaho Code No. 42-202 to appropriate waters for future anticipated municipal water system needs.

If we can answer questions or provide additional information please advise.

Very truly yours,



Mr. Jack Tice
Chairman, Three Mile Water Distr.

MJW/
Encl.

Cc: file

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT
To appropriate the public waters of the State of Idaho

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1. Name of Applicant Three Mile Water District Phone 208.267.5166

Mailing address P.O. Box 906/Bonnars Ferry, IDAHO 83805

2. Source of water supply Ground Water which is a tributary of _____

3. Location of point of diversion is Township 62N Range 1E Sec. 1, in the SESW 1/4, _____ 1/4, _____ 1/4, Govt. Lot _____, B.M., _____ Boundary _____ County;

additional points of diversion if any: and SW/4, SE/4 Section 15, T62N, R2E, B.M.

4. Water will be used for the following purposes:

Amount 6.97 cfs for Municipal System purposes from Jan. 1 to Dec. 31 (both dates inclusive)
(cfs or acre-feet per annum)

Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)

Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)

Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)

Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)

Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)

5. Total quantity to be appropriated is (a) 6.97 cfs and/or (b) _____
cubic feet per second acre feet per annum

6. Proposed diverting works: Drilled wells

a. Describe type and size of devices used to divert water from the source _____
Drilled and steel cased vertical municipal wells

b. Height of storage dam n/a feet; active reservoir capacity _____ acre-feet; total
reservoir capacity _____ acre-feet

c. Proposed well diameter is _____ inches; proposed depth of well is _____ feet

d. Is ground water with a temperature of greater than 85°F being sought? Future well drilling specifics yet to be determined No

e. If well is already drilled, when? _____; Drilling firm _____
Well was drilled for (well owner) _____; Drilling Permit No. _____

7. Time required for completion of works and application of water to proposed beneficial use is 20 years (minimum 1 year)

8. Description of proposed uses (if irrigation only, go to item 9):

a. Hydropower; show total feet of head and proposed capacity in kW. _____

b. Stockwatering; list number and kind of livestock. _____

c. Municipal; show name of municipality. Three Mile Water District

d. Domestic; show number of households. _____

e. Other; describe fully. _____

9. Description of place of use:

- a. If water is for irrigation, indicate acreage in each subdivision in the tabulation below.
- b. If water is used for other purposes, place a symbol of the use (example: D for Domestic) in the corresponding place of use below. See instructions for standard symbols.

| TWP | RGE | SEC | NE | | | | NW | | | | SW | | | | SE | | | | TOTALS | |
|-----|-----|-----|------------------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--------|--|
| | | | NE | NW | SW | SE | NE | NW | SW | SE | NE | NW | SW | SE | NE | NW | SW | SE | | |
| | | | | | | | | | | | | | | | | | | | | |
| | | | SEE ATTACHED PAGES NO. 9-1 and 9-2 | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
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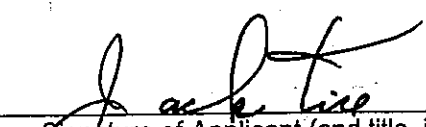
Total number of acres to be irrigated 100 acres estimated future use, locations unknown.

10. Describe any other water rights used for the same purposes as described above. 98-7822(0.51 cfs), 98-7820(0.14 cfs), 98-07672(2.0 cfs), 98-7818(3.0 cfs)

11. a. Who owns the property at the point of diversion? leases and fee ownership, see no. 12 below
 b. Who owns the land to be irrigated or place of use? Municipal water system customers
 c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing: see Remarks below

12. Remarks: 98-7822(0.51cfs) leased site from Riley Creek Lumber Company
98-7820(0.14 cfs) leased site from Riley Creek Lumber Company
above two rights at site in SWSE/4 Sec. 15, T62N, R2E
98-07672(2.0cfs) owned by Three Mile Water District
98-7818(3.0cfs) owned by Three Mile Water District
above two rights at site in SESW/4 Sec. 1, T62N, R1E

13. **MAP OF PROPOSED PROJECT REQUIRED** - Attach an 8½"x11" map clearly identifying the proposed point of diversion, place of use, section #, township & range. (A photocopy of a USGS 7.5 minute topographic quadrangle map is preferred.)
Attached map covers areas tabulated in item no. 9
 BE IT KNOWN that the undersigned hereby makes this application for permit to appropriate the public waters of the State of Idaho as herein set forth.



 Signature of Applicant (and title, if applicable)
Three Mile Water Distr. Chairman

Received by cb Date 1/24/08 Time 11:00a Preliminary check by _____
 Fee \$ _____ Received by _____ # _____ Date _____
 Publication prepared by _____ Date _____ Published in _____
 Publication approved _____ Date _____

9. Description of place of use:

a. If water is for irrigation, indicate acreage in each subdivision in the tabulation below.

b. If water is used for other purposes, place a symbol of the use (example: D for Domestic) in the corresponding place of use below. See instructions for standard symbols.

| TWP | RGE | SEC | NE | | | | NW | | | | SW | | | | SE | | | | TOTALS |
|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--------|
| | | | NE | NW | SW | SE | NE | NW | SW | SE | NE | NW | SW | SE | NE | NW | SW | SE | |
| 62N | 1E | 1 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | |
| | | 2 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | |
| | | 3 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | |
| | | 4 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | |
| | | 9 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | |
| | | 10 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | |
| | | 11 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | |
| | | 12 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | |
| | | 13 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | |
| | | 14 | | | | | X | X | | | X | X | X | X | X | X | X | X | |
| | | 15 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | |
| | | 16 | X | X | | | X | X | X | | X | X | X | X | | | | | |
| | | 17 | | | | X | | | | | | | | | | | | | |
| | | 22 | X | X | X | X | X | X | X | X | | | | | | | | | |
| | | 23 | X | X | X | | X | X | X | X | | | | | | | | | |
| | | 24 | X | X | | | X | X | | | | | | | | | | | |
| 62N | 2E | 5 | | | | | | X | X | | | | | | | | | | |
| | | 6 | | | | | | | | | | | | | | X | X | | |
| | | 7 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | |
| | | 8 | | | | | | | | | X | X | X | X | X | X | X | X | |
| | | 9 | | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | |
| | | 15 | | | | | | | | | | | X | | | | | | |
| | | 16 | X | X | X | | X | X | X | X | | X | X | X | X | X | X | | |
| | | 17 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | |
| | | 18 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | |
| | | 19 | X | X | X | X | X | X | | X | X | | | | | | | | |
| | | 20 | X | X | X | | X | X | X | X | | | | | | | | | |
| | | 21 | X | X | X | X | X | X | | | | | | | | | | | |

EXHIBIT 'A' to:

State of Idaho
Department of Water Resources
Application for Permit to Appropriate Public Waters
Three Mile Water District Future Municipal Water Rights
Boundary County, Idaho

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The following is the support document to IDWR Form 202(12/99). Municipal water system growth history is tabulated from District records and generalized in terms of percent growth rate over time since District formation in 1980. Growth rate is then extrapolated 20 years into the future and applied to existing District water rights to quantify the growth component now being applied for pursuant to Idaho Code No. 42-202 as reasonably anticipated future needs.

A. GROWTH HISTORY:

| Date | No. Customers | Comments |
|---------|---------------|--------------------|
| 1980 | 233 | District Formation |
| 1990 | 372 | |
| 1995 | 465 | |
| 2000 | 553 | |
| 6/2004 | 610 | |
| 12/2007 | 736 | |

B. GROWTH RATE CALCULATION:

Growth tabulated above "back-calculates" to an average 4.1%. Twenty years future growth is the period being anticipated by this application. By calculation, the additional future water need at the end of 20 more years based on past growth history and current water rights is as follows:

$$\begin{aligned} Q(f) &= Q(c) \times \text{caf} - Q(c) \\ &= Q(c) \times (1+i)^n - Q(c) \\ &= 5.65\text{cfs} \times (1+.041)^{20\text{ yrs}} - 5.65\text{cfs} \\ &= 6.97\text{cfs} \end{aligned}$$

$Q(f)$ =future additional quantity
 $Q(c)$ =current water quantity
 caf =compound amount factor
 i =percent rate of growth

Boundary County Planning & Zoning
P.O. Box 419
Bonners Ferry, ID 83805
(208) 267-7212

December 18, 2007

To Whom It May Concern:

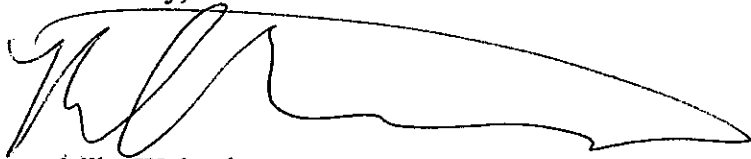
For the past two years, Boundary County Planning and Zoning has been conducting its Comprehensive Plan Review, and through this process has identified the Three Mile/Moyie Springs corridor, which encompasses the Three Mile Water District, as one of the key areas of growth within Boundary County, both for commercial and residential development. This recognition has resulted in increased density zoning in the Three Mile area, as well as an increase in area zoned for commercial and industrial use.

Attached is an inset from the proposed comprehensive land use map indicating the scope of these density increases.

While data isn't broken down by geographic region, Boundary County land use applications county-wide have increased dramatically, and coincide with the rapid increase in memberships in the three mile water district. Attached are two charts showing the increase in subdivision parcels created as well as residential zoning certificates issued.

There can be no doubt that growth will increase in the Three Mile corridor, and the demand for membership in the Three Mile Water District will likewise increase, with an estimated rate of growth specific to that corridor of anywhere from three to six percent over the next five to ten years.

Sincerely,

A handwritten signature in black ink, appearing to read 'Mike Weland', written over a horizontal line.

Mike Weland
Zoning Administrator

11.5. HOUSING NEEDS: Based on study of data from the population component, it is clear that population in Boundary County is both growing and aging. This is reflected in the fact that the great majority of those making application for zoning certificates are people who have reached or are nearing retirement age, while very few applicants have been in the 20-30 age group.

11.6. AFFORDABLE HOUSING: With the rising costs of home construction, combined with increasing land prices, it is reasonable to assume that the affordability of a home will continue to be dependent upon parcel size, with those areas allowing increased residential density offering the most affordable housing.

11.7. SUBDIVISIONS/PLANNED-UNIT DEVELOPMENTS: There are currently 51 rural subdivisions in Boundary County dating from the turn of the century to present. Most of them, particularly those established prior to the 1970s, impose no covenants or restrictions and make no provision for placement or availability of utilities. The number of subdivision applications jumped exponentially in 2005, coinciding with a rapid increase in the price of land.

Subdivision Applications

| Year | Total - # lots | Total Approved - # lots |
|-------------|-----------------------|--------------------------------|
| 2001 | 7 | Unk |
| 2002 | 0 | 0 |
| 2003 | 1 | 0 (plat amendment) |
| 2004 | 3 -31 | 1 - 25 |
| 2005 | 14 -267 | 11 - 203 |
| 2006 | 4-70 | 2-44 |

11.8. BUILDING PERMITS/ZONING CERTIFICATES: Boundary County does not presently require building permits for construction of a residence, instead issuing a zoning certificate that looks at flood zone, airport overlay, parcel size in each zone district and setbacks. In 2000, the number of certificates issued per year declined from 83 to 51 and the number remained low from 2000 to 2003 before beginning to climb again in 2004. In 2005, a record number of permits was issued for residential construction in Boundary County, and the number of applications in the first quarter of 2006 shows a continuation of that trend.

Zoning Certificates Issued

| Year | Total | Single Fam | Mob/Mod | Duplex | Addition |
|------------------------------|--------------|-------------------|----------------|---------------|-----------------|
| 1999 | 83 | 49 | 30 | 0 | 3 |
| 2000 | 51 | 29 | 18 | 0 | 4 |
| 2001 | 40 | 27 | 11 | 0 | 2 |
| 2002 | 33 | 22 | 10 | 0 | 1 |
| 2003 | 48 | 32 | 12 | 0 | 2 |
| 2004 | 64 | 44 | 14 | 2 | 3 |
| 2005 | 148 | 123 | 19 | 0 | 3 |
| 2006 | 193 | 164 | 22 | 0 | 6 |
| 2007 (through June 30) | 60 | 45 | 9 | 0 | 0 |