



RECEIVED
MAR 15 2019
WATER RESOURCES
WESTERN REGION

March 11, 2019

Nick Miller
Western Region Manager
Idaho Department of Water Resources
2735 Airport Way
Boise, ID 83705-5082
Sent by hand delivery

James Cefalo
Hearing Officer
Idaho Department of Water Resources
900 N Skyline Drive, Suite A
Idaho Falls, ID 83402
Sent via email to james.cefalo@idwr.idaho.gov

Subject: Amended Application 02-10535

Dear Nick and James:

On behalf of the Elmore County Board of Commissioners (applicant), enclosed please find amended application for permit 02-10535.

As a means of resolving protests by the Bureau of Land Management and the Idaho Department of Lands, the amended application removes the bed of Canyon Creek from the place of use for the application. No lands are being added to the place of use and all other elements of the application are unchanged.

The applicant submits this amendment to an existing application based on the County's understanding of the Water Appropriation Rules that because a place of use has been eliminated, as opposed to enlarged or supplemented, no new advertising of the application is necessary and no new protest period will result. Each current protestant is in agreement with the County's understanding (see attached email correspondence). If your Department disagrees, the applicant will not proceed with this amended application, but instead, the applicant will proceed with the currently pending application.

Also included for your files is an updated SF-299 ROW application to the BLM. The updated ROW application shows where water conveyance facilities cross BLM lands within the Mountain Home Irrigation District.

Please contact me with any questions or comments concerning this amended application.

Sincerely,

A handwritten signature in blue ink, appearing to read "Terry M. Scanlan", is written over a horizontal line.

Terry M. Scanlan, P.E., P.G.

Enclosures

Cc: Scott Campbell and Matt McGee – Attorneys for Elmore County Board of Commissioners
Shelley Essl – Elmore County Clerk

Terry Scanlan

From: Price, Fredric <fwprice@blm.gov>
Sent: Friday, February 15, 2019 4:34 PM
To: Matt McGee
Cc: Vonde, Ann (ann.vonde@ag.idaho.gov); John Simpson; mkellner@idahoconservation.org; scott@slclexh2o.com; Terry Scanlan
Subject: Re: [EXTERNAL] Elmore County's Application for Permit No. 02-10535

Matt,

RE: 02-10535, Elmore County

BLM has no objection to amending the application for permit.

BLM also supports not having to re-advertise an amended application seeking less than the original application. Re-advertising is only essential if an amendment seeks something more, new, or outside the parameters of the original application. If the amendment simply deletes items from the original application, then BLM would so stipulate.

Fredric W. Price
Water Rights Specialist
BLM, Idaho State Office, ID-933b
1387 S. Vinnell Way, Boise, ID 83709
(208) 373-3831
fwprice@blm.gov

On Thu, Feb 14, 2019 at 11:40 AM Matt McGee <MMcGee@spinkbutler.com> wrote:

All,

I have spoken with Ms. Vonde regarding the resolution of IDL's protest of the above-referenced application via an amendment of the application to eliminate certain identified places of use for instream recharge—specifically at Fraser Reservoir and Canyon Creek. For those who participated, and I believe it was everyone on this e-mail, I believe a similar amendment or stipulation was accomplished in Elmore County's Canyon Creek application. Ms. Vonde and I each understand that because the place of use will be reduced, a new notice and publication period will not be necessary if Elmore County files such an amendment. Elmore County has prepared an amendment for filing. However, before it does so, I am circulating this e-mail to determine whether the remaining parties will stipulate to allowance of the amendment to resolve IDL's protest without the necessity of another round of publication. Please let me know. Thanks,

Matt McGee

251 E Front Street, Suite 200 | PO Box 639 | Boise, Idaho 83701

mmcghee@spinkbutler.com | Direct 208.388.0245 | Fax 208.388.1001

SPINK BUTLER
ATTORNEYS AT LAW

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Terry Scanlan

From: Vonde, Ann <ann.vonde@ag.idaho.gov>
Sent: Monday, February 11, 2019 10:11 AM
To: Matt McGee
Subject: IDL Protest to Elmore County 02-10535

Hi Matt,

I touched bases with IDL on this. IDL will withdraw its protest if you agree to remove the endowment land from the application. The land is located as follows: 2S, 6E, Sec 36 and 3S, 5E, Sec 29 as the beginning and ending points of the Ground Water recharge and 3S, 5E, Secs 16, 21, and 29 as Points of Use.

I believe Bob Pietras with IDL may have sent this information to Terry Scanlan some time ago. So you might check with him to make sure these legals look good.

Once we see an amended application we can withdraw our protest. It's my understanding that removing PODs or a portion of the POU should not result in readvertising of the application. Let me know if you have any questions.

Thanks,

Ann Vonde

Deputy Attorney General
Natural Resources Division
Office of Attorney General
P.O. Box 83720
Boise ID 83720-0010
(208) 334-4141
fax (208) 854-8072
ann.vonde@ag.idaho.gov

Terry Scanlan

From: John Simpson <jks@idahowaters.com>
Sent: Tuesday, February 26, 2019 4:31 PM
To: Matt McGee
Subject: RE: Follow up: Elmore County Contested Application for Permit 02-10535

Matt,

No objection. Also, I am working on some potential principles for a settlement discussion.

John K. Simpson
Barker Rosholt & Simpson LLP
1010 W. Jefferson, Suite 102
P.O. Box 2139
Boise, Idaho 83701-2139
Phone: 208.336.0700
Fax: 208.344.6034
www.idahowaters.com

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From: Matt McGee <MMcGee@spinkbutler.com>
Sent: Tuesday, February 26, 2019 1:15 PM
To: John Simpson <jks@idahowaters.com>
Cc: Barbara Beaushaw <BBeaushaw@spinkbutler.com>
Subject: RE: Follow up: Elmore County Contested Application for Permit 02-10535

John,

Will your client object to my client filing an amended application to remove the state's trust lands to resolve IDL's protest?

Matt McGee

251 E Front Street, Suite 200 | PO Box 639 | Boise, Idaho 83701
mmcgee@spinkbutler.com | Direct 208.388.0245 | Fax 208.388.1001

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From: Matt McGee
Sent: Friday, February 22, 2019 3:58 PM
To: jks@idahowaters.com
Cc: Barbara Beaushaw
Subject: Follow up: Elmore County Contested Application for Permit 02-10535

John,

One matter I forgot to follow up about in the above-referenced matter. Elmore County's submittal of an amended application to eliminate Idaho trust lands as places of use to resolve IDL's protest. Any issue with that respecting necessity of another round of notice? I have heard from all other protestants as to that issue, and all are in agreement that amendment is okay without further advertisement, and we would like to file the amended application, as I expect it will likewise result in resolution of BLM's protest as well. Thanks,

Matt McGee

251 E Front Street, Suite 200 | PO Box 639 | Boise, Idaho 83701
mmcgee@spinkbutler.com | Direct 208.388.0245 | Fax 208.388.1001

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

Ident. No. 2-10535
(Amended)

1. Name of applicant(s) Elmore County, Board of County Commissioners Phone 208-587-2129
 Name connector (check one): ☐ and ☐ or ☐ and/or
 Mailing address Elmore County Courthouse, 150 South 4th East Suite #3 City Mountain Home
 State ID _____ ZIP 83647 Email sessl@elmorecounty.org
2. Name of representative, if any SPF Water Engineering, LLC Phone 208-383-4140
 Mailing address 300 E. Mallard Dr., Ste 350 City Boise
 State ID _____ ZIP 83706 Email tscanlan@spfwater.com
- a. ☐ Send all correspondence for this application to the representative and not to the applicant OR
☒ Send original correspondence to the applicant and copies to the representative.
- b. ☒ The representative may submit information for the applicant but is not authorized to sign for the applicant OR
☐ The representative is authorized to sign for the applicant. Attach a Power of Attorney or other documentation.
3. Source of water supply Snake River which is a tributary of Columbia River

4. Location of point(s) of diversion:

| Twp | Rge | Sec | Govt Lot | ¼ | ¼ | ¼ | County | Source | Local name or tag # |
|-----|-----|-----|----------|---|----|----|--------|-------------|---------------------|
| 5S | 4E | 22 | 4 | | SW | SW | Elmore | Snake River | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

5. Water will be used for the following purposes:

Amount 20 cfs for Ground Water Recharge purposes from 1/1 to 12/31 (both dates inclusive)
 (cfs or acre-feet per year)

Amount 20 cfs for Municipal purposes from 1/1 to 12/31 (both dates inclusive)
 (cfs or acre-feet per year)

Amount 20 cfs for Irrigation purposes from 3/1 to 11/15 (both dates inclusive)
 (cfs or acre-feet per year)

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

6. Total quantity to be appropriated is (a) 20 cubic feet per second (cfs) and/or (b) _____ acre-feet per year (af).

7. Proposed diverting works:

- a. Describe type and size of devices used to divert water from the source. Pump, pipelines, canals
- b. Height of storage dam _____ feet; active reservoir capacity _____ acre-feet; total reservoir capacity _____ acre-feet. If the reservoir will be filled more than once each year, describe the refill plan in item 12. For dams 10 feet or more in height AND having a storage capacity of 50 acre-feet or more, submit a separate [Application for Construction or Enlargement of a New or Existing Dam](#). Application required? ☐ Yes ☐ No
- 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? ☐ Yes ☐ No
- e. If well is already drilled, when? _____; drilling firm _____;
 well was drilled for (well owner) _____; Drilling Permit No. _____.

For Department Use

Received by _____ Date _____ Time _____ Preliminary check by _____
 Fee \$ _____ Received by _____ Receipt No. _____ Date _____

8. Description of proposed uses (if irrigation only, go to item 9):
- Hydropower; show total feet of head and proposed capacity in kW. _____
 - Stockwatering; list number and kind of livestock. _____
 - Municipal; must complete and attach the Municipal Water Right Application Checklist.
 - Domestic; show number of households _____
 - Other; describe fully. Ground water recharge to offset present and future Elmore County groundwater demands
9. Description of place of use:
- If water is for irrigation, indicate acreage in each subdivision in the tabulation below.
 - 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. (see attached supplement)

| TWP | RGE | SEC | NE | | | | NW | | | | SW | | | | SE | | | | TOTALS |
|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--------|
| | | | NE | NW | SW | SE | NE | NW | SW | SE | NE | NW | SW | SE | NE | NW | SW | SE | |
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Total number of acres to be irrigated: _____

10. Describe any other water rights used for the same purposes as described above. Include water delivered by a municipality, canal company, or irrigation district. If this application is for domestic purposes, do you intend to use this water, water from another source, or both, to irrigate your lawn, garden, and/or landscaping? 61-7731, 61-12314 (application), Mountain Home Irrigation District rights for irrigation, City of Mountain Home rights for municipal
11. a. Who owns the property at the point of diversion? see Attachment A
- b. Who owns the land to be irrigated or place of use? see Attachment A
- c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing: see Attachment A
12. Describe your proposal in narrative form, and provide additional explanation for any of the items above. Attach additional pages if necessary. see Attachment A
13. Time required for completion of works and application of water to proposed beneficial use is 5 years (minimum 1 year).
14. **MAP OF PROPOSED PROJECT REQUIRED** - Attach an 8½" x 11" map or maps clearly identifying the proposed point of diversion, place of use, section #, township & range. The map scale shall not be less than two (2) inches equal to one (1) mile.

The information contained in this application is true to the best of my knowledge. I understand that any willful misrepresentations made in this application may result in rejection of the application or cancellation of an approval.

ATTACHED
Signature of Applicant

Signature of Applicant

Print Name (and title, if applicable)

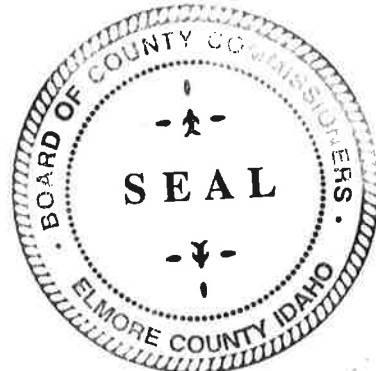
Print Name (and title, if applicable)

ELMORE COUNTY, a political subdivision of the State of Idaho

By: [Signature]
Franklin L. Corbus, Chairman

By: [Signature]
Wesley R. Wootan, Commissioner

By: [Signature]
Albert Hofer, Commissioner



ATTEST:

[Signature]
Shelley Essl, Elmore County Clerk

Date: 3/15/19

Attachment A

11a-c. POD & POU Ownership

The federal government owns the location of the POD. Applicant is in the process of securing agreements for the pumping station and pipeline ROW from the federal government.

Place of use for recharge is a gravel pit area. The gravel pits are owned by Calvin Ireland and the BLM. Applicant has an agreement for use of the Ireland gravel pit, and is seeking an amended ROW for use of the BLM gravel pit areas.

Place of use for irrigation is the Mountain Home Irrigation District. Applicant has an agreement to provide supplemental irrigation water to Mountain Home Irrigation District.

Municipal place of use is owned by the residents of the City of Mountain Home.

12. Application Description

Water will be pumped from the Snake River to the City of Mountain Home. Water will then either be directed into the City of Mountain Home municipal delivery system for municipal use, or to the Mountain Home Irrigation District delivery system for supplemental irrigation use, or gravel pit area for ground water recharge.

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

Ident. No. _____

Point of Diversion/Place of Use Supplement

Attachment to: ☒ Application for Permit to Appropriate Water ☐ Application for Transfer** ☐ Adjudication Claim
☐ Application for Amendment of Permit ☐ Beneficial Use Field Report ☐ Statutory Claim

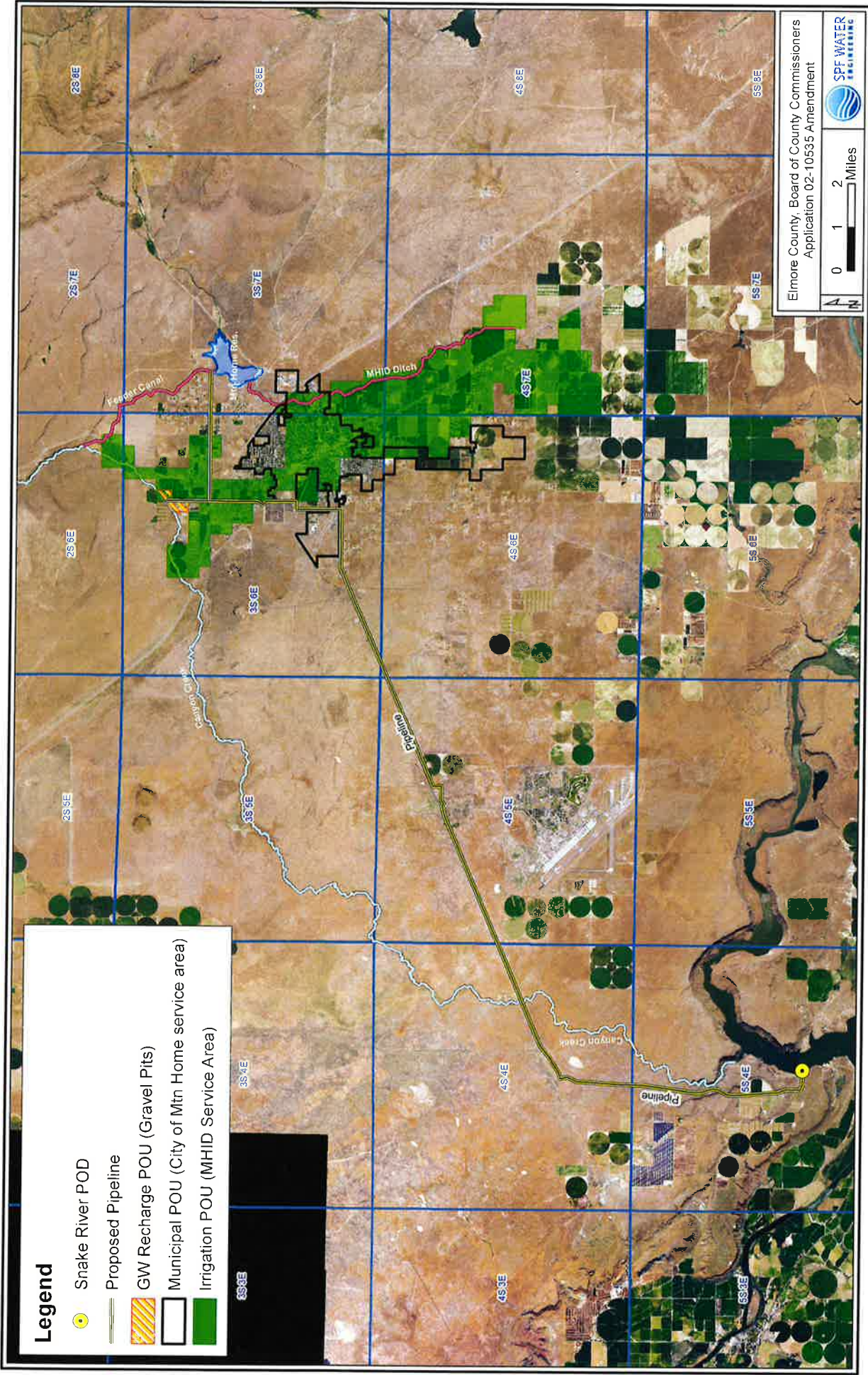
Location of points of diversion (POD):

| New POD? | Twp | Rge | Sec | Govt Lot | ¼ | ¼ | ¼ | County | Source | Local name or well/diversion tag # |
|------------------------------|-----|-----|-----|-------------|---|---|---|--------|--------|---------------------------------------|
| <input type="checkbox"/> Yes | | | | | | | | | | |
| <input type="checkbox"/> Yes | | | | | | | | | | |
| <input type="checkbox"/> Yes | | | | | | | | | | |
| <input type="checkbox"/> Yes | | | | | | | | | | |
| <input type="checkbox"/> Yes | | | | | | | | | | |
| <input type="checkbox"/> Yes | | | | | | | | | | |
| <input type="checkbox"/> Yes | | | | | | | | | | |
| <input type="checkbox"/> Yes | | | | | | | | | | |
| <input type="checkbox"/> Yes | | | | | | | | | | |
| <input type="checkbox"/> Yes | | | | | | | | | | |

Description of place of use (POU): POU for irrigation is the MHID service area; POU for municipal is the City of Mtn Home municipal service area

- 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.
- XX = GW recharge in gravel pits

| TWP | RGE | SEC | NE | | | | NW | | | | SW | | | | SE | | | | TOTALS |
|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--------|
| | | | NE | NW | SW | SE | NE | NW | SW | SE | NE | NW | SW | SE | NE | NW | SW | SE | |
| 3S | 6E | 2 | | | | | | | | | | | XX | | | | | | |
| 3S | 6E | 10 | XX | | | XX | | | | | | | | | | | | | |
| 3S | 6E | 11 | | | | | XX | | | | | | | | | | | | |
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STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

MUNICIPAL WATER RIGHT APPLICATION CHECKLIST

This checklist must be completed and submitted with an application to appropriate water for municipal purposes. There are two types of permits for municipal water use. The first type of municipal permit provides water for reasonably anticipated future needs (RAFN) over a defined planning horizon.¹ The second type of municipal permit, called **non-RAFN**, provides water solely for use to meet needs that will arise in the near-term (five years).² Each type of municipal water use has a distinct set of review requirements.

Applicant Name: Board of County Commissioners (for the City of Mountain Home)

1. Type of Municipal Provider. Applicant must qualify as a Municipal Provider to obtain a water right for municipal purposes. See [Idaho Code § 42-202B \(5\)](#). Check one:

- ☒ Type 1 - Municipality
☐ Type 2 - Franchise or political subdivision supplying water for municipal purposes
☐ Type 3 - Corporation or association regulated as a "public water supply" system by IDEQ
☐ Attach documentation of qualification as a Municipal Provider. See [Idaho Code § 42-202\(2\)](#).
☐ Check here if you are a Type 3 provider proposing to develop a new municipal system but have not yet received recognition as a Public Water Supply by Idaho DEQ.

- 2a. List existing water rights (permits, licenses, decrees, and beneficial use claims) available to the applicant for municipal needs. These rights may or may not have a purpose of use expressly defined as "municipal." Include a separate attachment as needed.

| Right Number | Nature of Use | Diversion Rate (cfs) | Annual Volume (acre-feet) | Service Area |
|--------------|---------------|----------------------|---------------------------|--------------|
| see attached | | | | |
| | | | | |
| | | | | |
| | | | | |
| Total | | * | * | |

* Be sure to account for any combined volume and/or diversion rate limits in the approval conditions of each right listed.

- 2b. List any overlapping water providers within your service area, such as irrigation districts, canal companies, or municipal providers:

Mountain Home Irrigation District

- 3a. Currently or within five years will your municipal water system demand exceed the total diversion rate or annual volume authorized by the water rights listed in item #2a?

- ☐ Yes, see item #4
☒ No, see item #3b (seeking supplemental surface water supply to the ground water source)

- 3b. Are you planning to replace an existing point of diversion, but will not develop a new water source nor exceed the total authorized diversion rate and volume of your current water rights?

- ☐ Yes. Please file an Application for Transfer of Water Right *instead* of an Application for Permit.
☒ No, I am filing this Application for Permit for reasonably anticipated future needs (RAFN) pursuant to [Idaho Code § 42-202B\(8\)](#). See item #4.

¹ For a thorough discussion of RAFN water rights, see IDWR's *Recommendations for the Processing of Reasonably Anticipated Future Needs (RAFN) Municipal Water Rights at the Time of Application, Licensing, and Transfer* (Application Processing Memorandum No. 74).

² For a thorough discussion of non-RAFN water rights, see IDWR's Application Processing Memorandum No. 18.

4. Please specify the term for which you are making an application for permit. See [Idaho Code § 42-202B\(7\)](#). Check one:
- ☒ Non-RAFN: (planned water system improvements and beneficial use of the entire quantity of water will occur within 5 years). Go to item #5.
 - ☐ RAFN (water system improvements will occur within 5 years, but full water usage may take longer).³ Specify planning horizon: _____ years. Ending year of planning horizon: 20____. Skip to item #6.
5. Non-RAFN application. Per [Water Appropriation Rule 40.05.d.i](#), attach a water requirement narrative to your application. It should include the following information: (see attached technical memorandum dated 11/24/2015)
- ☒ Attach a map of the municipal water service area defined by [Idaho Code §42-202B\(9\)](#). If applicable, map should delineate neighboring service areas associated with other municipal water providers.
 - ☒ Current water demand within the municipal service area expressed in average day demand, maximum day demand, and peak hour demand.
 - ☒ The required diversion rate during the peak and the average use period at the end of your project (5 years maximum). Typically, these values would be average day demand, maximum day demand, peak hour demand, and supporting information. State the capacity of any reservoirs which will be used to meet peak demand. Do not include demand solely for fire protection. If your fire protection demand exceeds your other municipal needs, you may request an appropriation for fire protection as a separate beneficial use.
 - ☒ Proposed future annual diversion volume needed by the end of your project (required only for providers not serving an incorporated municipality). Include a copy of your approved preliminary plat and the calculation method used to reach the requested volume.
 - ☒ Current and proposed capacity of entire diversion system (pumps).
 - ☐ If you are a Type 3 municipal provider, do you have a plan for assigning ownership of the water right permit to a subdivision HOA or other local entity? If so, attach a relevant excerpt from your CC&Rs or a description of the ownership change agreement between the HOA and the developer.
6. RAFN application.
- ☐ Attach a map of the current municipal water service area and the service area as it will be at the end of the planning horizon. Provide justification for inclusion of areas currently served by another municipal provider or by large industrial, commercial, or domestic water systems. Areas overlapped by conflicting comprehensive land use plans may not be included. See [Idaho Code § 42-202\(2\)](#) and [§ 42-202B\(9\)](#).
 - ☐ Attach justification for the proposed planning horizon. The planning horizon should be consistent with water infrastructure planning standards and current land use planning documents for the service area. See [Idaho Code § 42-202\(2\)](#) and [§ 42-202B\(7\)](#).
 - ☐ Attach a population projection within the service area over the planning horizon. The population projection should be based on planning and demographic studies, standard statistical methods, and evaluation of geography and other limiting factors. See [Idaho Code § 42-202\(2\)](#) and [§ 42-202B\(8\)](#).
 - ☐ Attach an evaluation of the water demand within the service area at the end of the planning horizon. Evaluate unaccounted for water (UAW) separate from municipal use. Do not include demand solely for fire protection. See [Idaho Code § 42-202\(2\)](#) and [§ 42-202B\(8\)](#). If your fire protection demand exceeds your other municipal needs, you may request an appropriation for fire protection as a separate beneficial use.
 - ☐ Attach a gap analysis: [Municipal Demand in Ending Year] x [UAW Factor] – [Sum of Existing WR Diversion Rates] = RAFN Application Diversion Rate.

³ Per [Idaho Code § 42-204\(4\)](#), the time for completion of works and application of the water to full beneficial use under any permit involving the diversion of two (2) or more cubic feet per second [...] may be extended by the director of the department of water resources upon application by the permittee for an additional period up to ten (10) years beyond the initial development deadline contained in the permit [...], provided the permittee establishes that the permittee has exercised reasonable diligence and that good cause exists for the requested extension.

| City of Mountain Home Municipal Ground Water Rights | | | | | | | | |
|-----------------------------------------------------|---------|--------|---------------|-----------------|----------------------|--------------|-----------|-----------------------|
| Water Right | Basis | Status | Priority Date | Div. Rate (cfs) | Combined Limit (cfs) | Source | Water Use | Owner |
| 61-2072 | Decreed | Active | 3/13/1931 | 2 | 36.42 | GROUND WATER | MUNICIPAL | CITY OF MOUNTAIN HOME |
| 61-2167 | Decreed | Active | 4/6/1964 | 1.97 | | GROUND WATER | MUNICIPAL | CITY OF MOUNTAIN HOME |
| 61-2170 | Decreed | Active | 5/27/1964 | 9.64 | | GROUND WATER | MUNICIPAL | CITY OF MOUNTAIN HOME |
| 61-2188 | Decreed | Active | 2/17/1966 | 2.66 | | GROUND WATER | MUNICIPAL | CITY OF MOUNTAIN HOME |
| 61-2210 | Decreed | Active | 9/30/1966 | 5.35 | | GROUND WATER | MUNICIPAL | CITY OF MOUNTAIN HOME |
| 61-7151 | Decreed | Active | 4/9/1973 | 1.14 | | GROUND WATER | MUNICIPAL | CITY OF MOUNTAIN HOME |
| 61-7172F | Decreed | Active | 11/19/1973 | 2.81 | | GROUND WATER | MUNICIPAL | CITY OF MOUNTAIN HOME |
| 61-7184 | Decreed | Active | 4/22/1974 | 4.35 | | GROUND WATER | MUNICIPAL | CITY OF MOUNTAIN HOME |
| 61-7339 | Decreed | Active | 8/18/1977 | 4.5 | | GROUND WATER | MUNICIPAL | CITY OF MOUNTAIN HOME |
| 61-7439 | License | Active | 6/10/1981 | 3.14 | | GROUND WATER | MUNICIPAL | CITY OF MOUNTAIN HOME |



KELLER
associates

Technical Memorandum

TO: Wayne Shepherd, PE, Public Works Director
City of Mountain Home

FROM: James Bledsoe, P.E.
Marliese von Huene, E.I.

DATE: November 24, 2015

RE: Water System Declining Balance Update



Background

Periodic reviews of the water system are necessary to address changes in conditions since completion of the Mountain Home Water Facility Planning Study (FPS) in June 2011. An evaluation of the Mountain Home water system was completed in March 2013, based on new population data and flow data through 2012. The purpose of this technical memorandum is to update the declining balance for the water system, identifying remaining capacities for the various components of the water system, including supply, water rights, and storage.

Population and Flow Update

Recent flow data (2013 through September 2015) was analyzed in the preparation of this update. In addition, population estimates from 2010 on were reviewed and revised based on 2014 Census Bureau estimates and recent housing starts (residential building permits issued by the City each year). The population estimate for 2014 is 3% less than 2010 census numbers; the population decline is evident in the decreased flows from 2010 through 2014 (Attachment A). A summary of future demands can be found in Table 1.

A summary of historical demands can be found in Attachment A. In recent years, the City's per capita water usage has remained relatively steady. In evaluating a water system, the maximum daily flow is a critical factor as it affects needed water rights and well supply. For the 2013-2015 period, Keller Associates estimates the existing maximum day water system demand at approximately 7850 gpm (slightly above the 7760 gpm utilized in the 2013 Water System Declining Balance update). Using this value, the average water usage during the maximum day is 816 gallons per capita per day (gpcd).

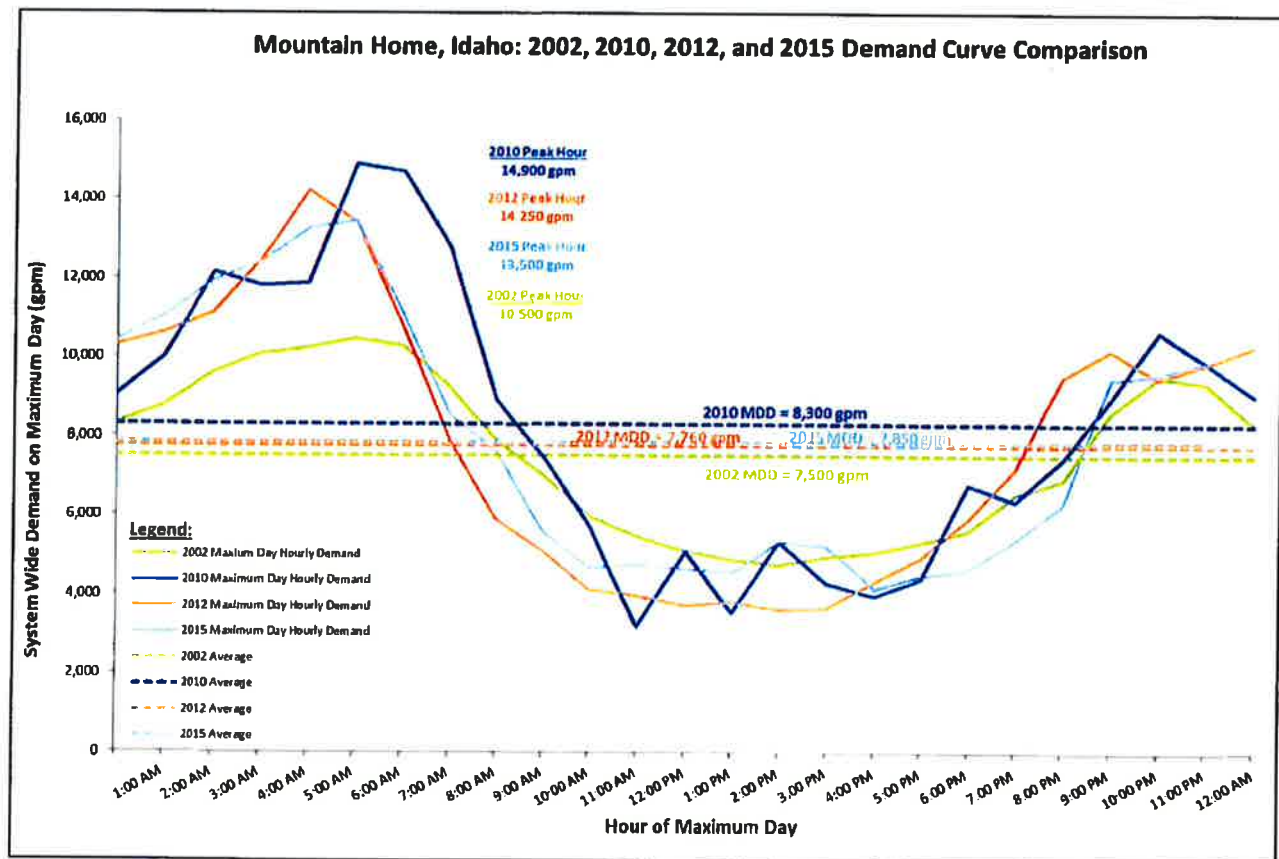
Table 1 – Future Population and Demands

| Estimated Year | Total Population | Average Day Demands (gpm) | Maximum Day Demands (gpm) | Peak Hour Demands (gpm) |
|----------------|------------------|---------------------------|---------------------------|-------------------------|
| 2015 | 13,880 | 2,940 | 7,900 | 13,500 |
| 2020 | 15,320 | 3,240 | 8,700 | 14,900 |
| 2025 | 16,910 | 3,580 | 9,600 | 16,400 |
| 2030 | 18,670 | 3,950 | 10,600 | 18,100 |
| 2035 | 20,610 | 4,360 | 11,700 | 20,000 |

Peak Hour Demands

Figure 1 illustrates the 24-hour demand pattern for high demand periods in recent years. The current peak hour demand of 13,500 gpm was approximately 1.72 times the average demand for that same day (compared to 1.84 peaking observed in 2012).

Figure 1 – 24-Hour Demand Pattern



Unaccounted-for Water

Unaccounted-for water (sometimes referred to as water loss) refers to the difference between the water delivered to the water system from the wells and what is recorded in the billing system. Annual water loss, summarized in Table 2, generally shows a downward trend, as the City has made a more concerted effort to reduce the unaccounted-for water usage. For the 2013-2014 period, the City achieved an unaccounted-for water level of 10%. This is generally considered in the industry an acceptable level of unaccounted-for water. Attachment B compares monthly production to monthly water consumption for the period of 2007-2012.

Table 2 - Unaccounted-for Water

| Year | Recorded Well Production (MG/yr) | Billing Based Consumption (MG/yr) | Unaccounted-for Water (%) |
|------|----------------------------------|-----------------------------------|---------------------------|
| 2007 | 52 | 42 | 19% |
| 2008 | 53 | 42 | 21% |
| 2009 | 51 | 42 | 17% |
| 2010 | 49 | 40 | 17% |
| 2011 | 47 | 39 | 17% |
| 2012 | 52 | 44 | 15% |
| 2013 | 52 | 47 | 10% |
| 2014 | 54 | 48 | 10% |

Water Usage By User Category

Attachment C illustrates the water usage by user category for 2013 and 2014. A comparison of water usage by category for the peak month to the average annual usage shows that the makeup of water usage remains relatively constant throughout the year. Additionally, the percent of water usage that can be attributed to residential uses (single family, multi-family, and trailer park) has declined slightly, comprising approximately 71% (previously 75%) of the City's total water system demand.

Water Supply

Reported well capacities were obtained from SCADA data recorded in the summer months of 2015, and have seen a reduction since the 2013 update. The most notable reduction is with Well 9. At the time of the last declining balance update, this well was just recently reintroduced to the City's water system and its long-term performance was uncertain. During peak summer demand periods, the pumping rate of Well 9 is now reduced to prevent excessive drawdown and limit the introduction of air into the system. In addition to Well 9, small declines in the production rates of Wells 1, 6, and 15 may be attributed to their proximity and the influence they have on each other when running concurrently. The City

has a total pumping capacity of approximately 11,250 gpm, seen in Table 3. The Department of Environmental Quality requires that the system be able to meet all standards with the largest well off-line (referred to as firm capacity). The City's firm capacity with the largest well off-line is approximately 9,100 gpm. Given the lengthy time to locate, permit, develop and construct wells, Keller Associates recommends that the City begin the process of developing new water sources many years before they are needed.

Table 3 – Observed Pumping Capacities in 2013 and 2015 (gpm)

| Existing Water Supply | 2015 | 2013 |
|----------------------------------|----------------|----------------|
| Well 1 | 750 | 800 |
| Well 6 | 2,000 | 2,100 |
| Well 9 | 900 | 1,550 |
| Well 11 | 2,150 | 2,100 |
| Well 12 | 1,200 | 1,200 |
| Well 13 | 1,950 | 2,100 |
| Well 14 | 1,200 | 1,200 |
| Well 15 (VFD) | 1,100 | 1,200 |
| Total Production Capacity | 11,250 | 12,250 |
| Less Largest Well | (2,150) | (2,100) |
| Firm Pumping Capacity | 9,100 | 10,150 |

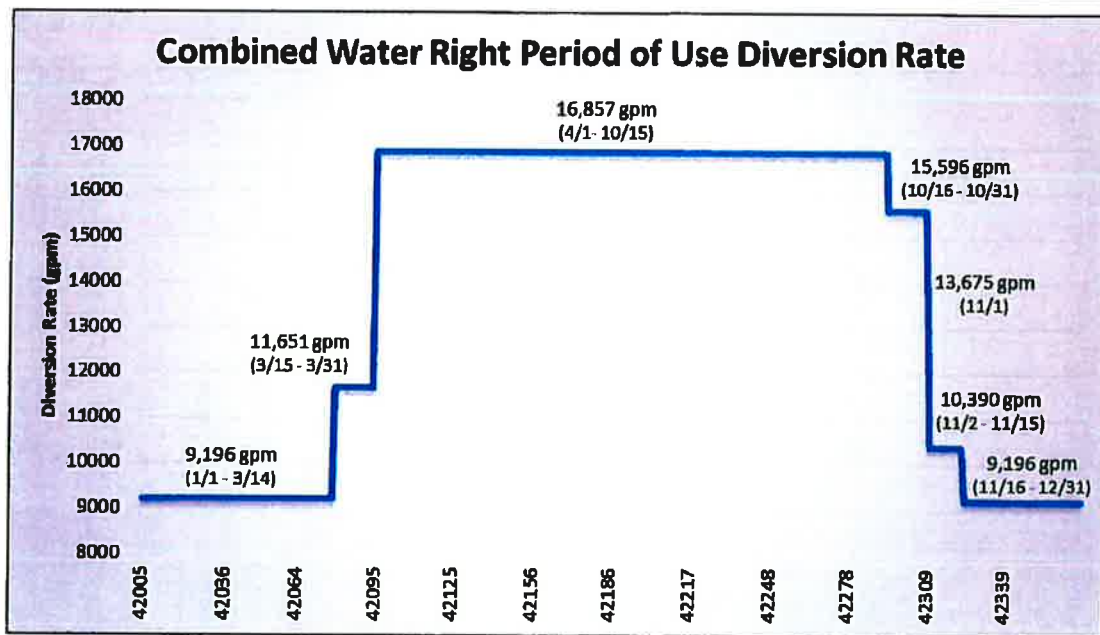
Water Storage

Based on current system demands, the peaking storage for the existing system is approximately 2.09 MG (lower than the calculated 2.21 MG reported in the 2013 update). The total recommended storage, including fire and operating storage needs, is approximately 3.35 MG, which is greater than the 3.0 MG of effective storage available from the City's three storage tanks. In order to mitigate this storage deficit, the City currently dedicates excess firm pumping capacity from the wells to offset peaking storage demands. This requires that the wells deliver peak hour demands for new water users, rather than supplying maximum day demands and relying on storage to provide the peak usage. Additional future demands can be supplied by additional pumping capacity; however, Keller Associates also recommends additional storage capacity to more fully utilize the City's wells and water rights.

Water Rights

Since the previous planning study update, the City has acquired what was formerly the Brown water right and has added the City's farm rights to the potable water rights portfolio. The City currently has water rights to pump 16,857 gpm during the summer months as seen in Figure 2. This is significantly higher than the total well pumping capacity, which should allow the City to add 2-3 additional wells under the existing water rights.

Figure 2 – Mountain Home Water Rights



Remaining Capacity

Calculations of remaining capacity for the system can be found in Attachment D. The remaining capacity of the water system was estimated to be approximately 453 additional equivalent dwelling units (EDUs) before needing either additional well supply or a water storage reservoir in service. This corresponds to a maximum City population of 15,040. The City has expressed a desire to add additional well supply capacity before constructing additional storage. With the addition of a new 1,500-gpm well, the water system would have an estimated remaining capacity of approximately 1,303 EDUs (population 17,216).

Once a new well is added to the system, the next recommended system improvement would be additional storage. Following the addition of storage, a second additional 1,500+ gpm well is recommended. Additional details on the timing of these recommendations are included in Appendix D. Because it sometimes takes years to permit, fund, design, and construct necessary improvements, Keller Associates recommends that the City begin implementation of improvements well in advance of when they are required.

Booster Station Considerations

Keller Associates also reviewed 2013/14 data for the upper and medium pressure zones to determine available booster station capacities (see Attachment E). Since the completion of the previous planning study update, the City added an additional pump to service the medium pressure zone. The existing pumps servicing the upper pressure zones were also replaced with slightly larger pumps.

Pump station flow meter records were reviewed to determine average and maximum daily demands for the pressure zones. Maximum demands were checked against available SCADA data. In estimating the remaining capacity of the upper zone, the use of Well 14 (which can be manually directed to the upper zone) was not considered in approximating the firm pumping capacity. Additionally, in estimating remaining capacity of the medium pressure zone, the existing PRV that services the zone was assumed to provide the firm backup supply of the zone.

Based on this analysis, the medium pressure zone can add a total of approximately 340 EDUs before the booster pumping capacity at the booster station needs to be increased. The upper pressure zone can add a total of approximately 272 EDUs before the booster pumping capacity at the booster station needs to be increased.

Table 4 - Declining Balance Summary

| | Improvement | Available EDUs* | Approx. Service Population |
|----------------|-----------------------------|-----------------|----------------------------|
| System Wide | Existing Condition | 453 | 15,040 |
| | Bew Well 16 (1500 gpm) | 1,303 | 17,216 |
| | New 2 MG Storage | 2,674 | 20,727 |
| | New Well 17 (1500 gpm) | 4,131 | 24,456 |
| | Additional Transmission | varies | varies |
| Pressure Zones | Medium Zone | | |
| | Additional Pumping Capacity | 340 | 14,750 |
| | Upper Zone | | |
| | Additional Pumping Capacity | 272 | 14,576 |

**Available EDUs is based on current number of users and is not adjusted to reflect vacancy rates, buildable lots, or undeveloped land within the city limits.*

Attachment A

City of Mountain Home Summary of Historical Water Usage

Water demand summary (gpm*)

| Year | Population | Average Day | Average Winter | Average Summer | Max Day |
|------|------------|-------------|----------------|----------------|---------|
| 2002 | 11,566 | 2,759 | 1,156 | 5,047 | 7,200 |
| 2003 | 11,910 | 2,817 | 907 | 5,776 | 7,242 |
| 2004 | 12,163 | 2,948 | 907 | 5,668 | 7,483 |
| 2005 | 12,560 | 2,679 | 1,027 | 5,356 | 7,539 |
| 2006 | 13,015 | 2,287 | 904 | 5,994 | 9,100 |
| 2007 | 13,364 | 2,985 | 845 | 6,410 | 8,298 |
| 2008 | 13,851 | 3,073 | 907 | 6,296 | 7,890 |
| 2009 | 14,091 | 2,924 | 1,013 | 5,745 | 7,671 |
| 2010 | 14,206 | 2,808 | 839 | 6,051 | 8,225 |
| 2011 | 14,153 | 2,717 | 815 | 6,215 | 7,379 |
| 2012 | 14,063 | 2,983 | 815 | 6,156 | 7,230 |
| 2013 | 13,857 | 3,011 | 921 | 6,126 | 7,846 |
| 2014 | 13,780 | 3,096 | 847 | 6,285 | 7,807 |
| 2015 | 13,877 | | 811 | 6,107 | 7,613 |

*gpm = gallons per minute

Maximum Day demands are based on 2-day average values

Water demand summary (gpcd**)

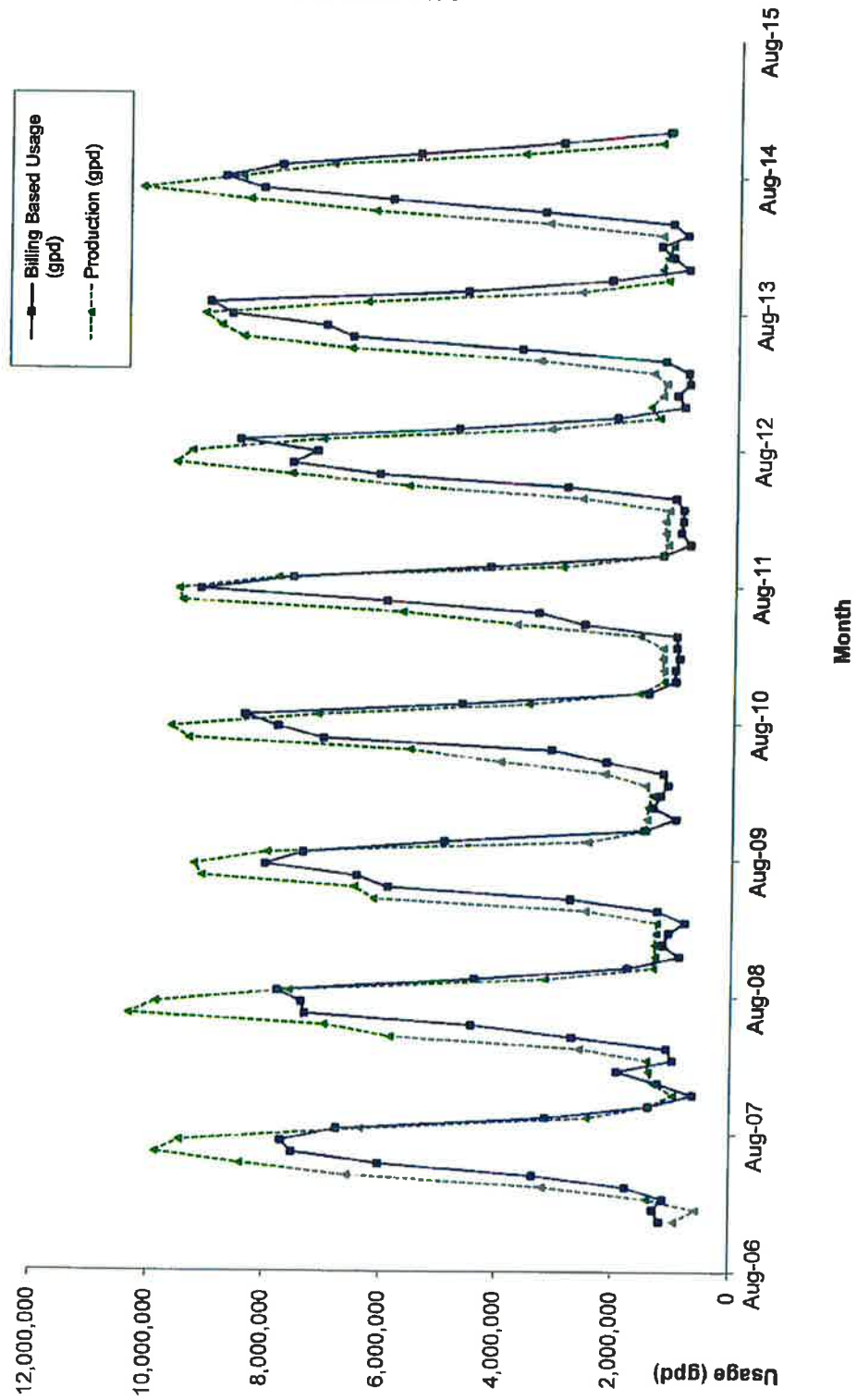
| Year | Population | Average Day | Average Winter | Average Summer | Max Day |
|--------------------------|------------|-------------|----------------|----------------|------------|
| 2002 | 11,566 | 344 | 144 | 628 | 896 |
| 2003 | 11,910 | 341 | 110 | 698 | 876 |
| 2004 | 12,163 | 349 | 107 | 671 | 886 |
| 2005 | 12,560 | 307 | 118 | 614 | 864 |
| 2006 | 13,015 | 253 | 100 | 663 | 1,007 |
| 2007 | 13,364 | 322 | 91 | 691 | 894 |
| 2008 | 13,851 | 319 | 94 | 655 | 820 |
| 2009 | 14,091 | 299 | 104 | 587 | 784 |
| 2010 | 14,206 | 285 | 85 | 613 | 834 |
| 2011 | 14,153 | 276 | 83 | 632 | 751 |
| 2012 | 14,063 | 305 | 83 | 630 | 740 |
| 2013 | 13,857 | 313 | 96 | 637 | 815 |
| 2014 | 13,780 | 324 | 89 | 657 | 816 |
| 2015 | 13,877 | | 84 | 634 | 790 |
| 2011 2015 Average | | 305 | 87 | 634 | 791 |
| Design 2015 | | 305 | 87 | 634 | 816 |
| 2009 FPS | | 294 | 85 | 570 | 788 |
| 2003 FPS | | 355 | 136 | 651 | 889 |

**gpcd - gallons per capita per day

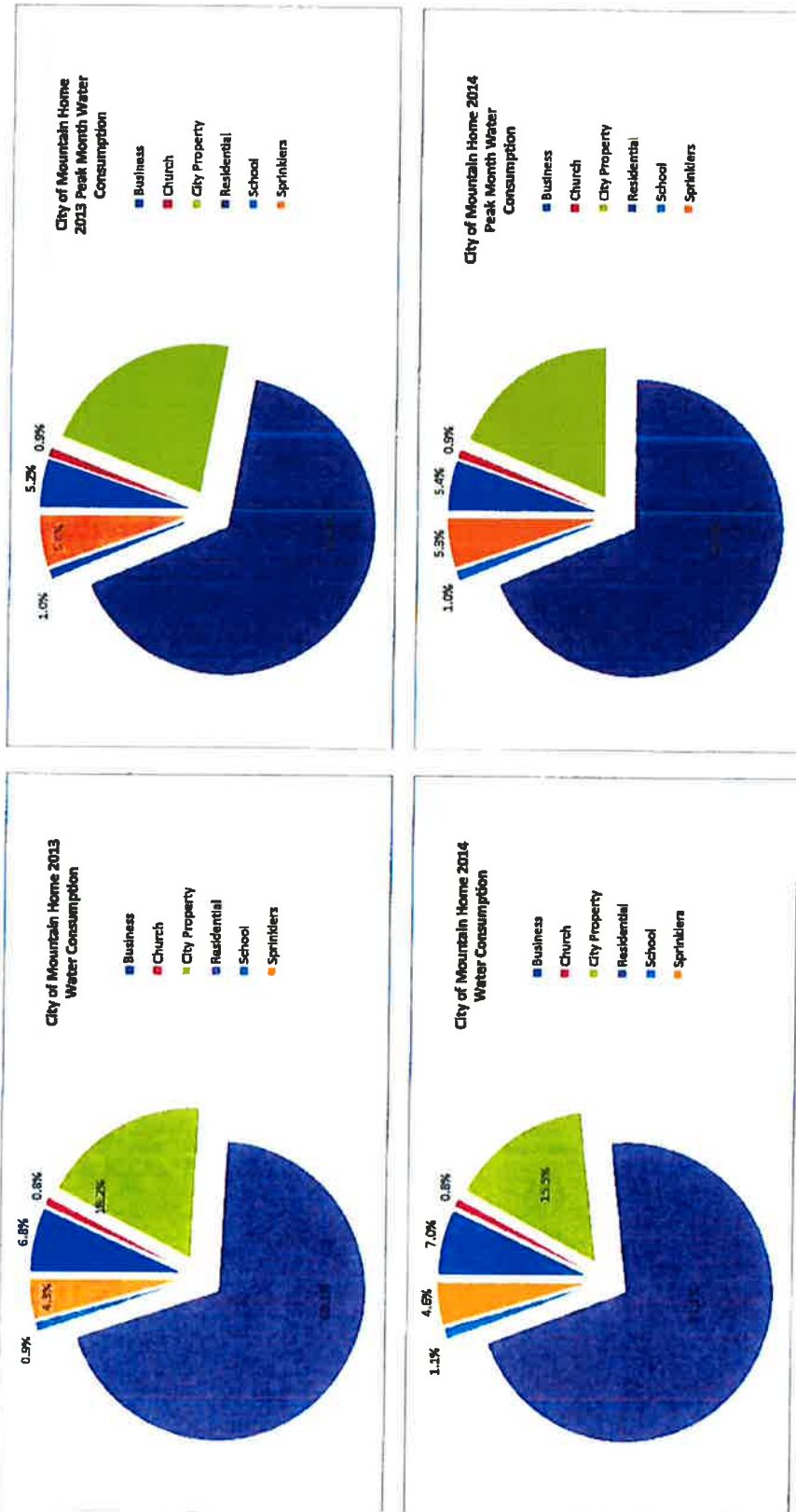
Data includes all domestic, commercial, industrial, and residential water usage - domestic usage is approximately 75% of total usage

Attachment B

Mountain Home Water Balance



Attachment C



Attachment D

City of Mountain Home Supply vs. Demand

Supply vs. Demand

| | 100% Firm |
|-------------------------|-----------|
| Firm Well Supply, gpm* | 9,100 |
| Max Day Demand, gpm** | 7,846 |
| Remaining Capacity, gpm | 1,254 |

*Firm capacity refers to capacity of supply with largest well off-line

**Assumes 2008-2015 average per capita peak day demand

Demand per EDU

| | |
|---------------------------|--------------------------------------|
| Max Day, gpcd | 816 (Includes all uses) |
| Residential component | 71% |
| Max Day Resident, gpcd | 579 (Includes only residential uses) |
| People / EDU ³ | 2.56 |
| Max Day EDU, gpd | 1483 |
| Max Day EDU, gpm | 1.03 |
| Peak Hour Demand ERU, gpm | 1.76 |
| 2015 Population | 13,880 |

Remaining EDUs with Existing Storage and Wells

| | Max. Additional ERUs | Max. Population Served ¹ |
|------------------------|----------------------------|-------------------------------------------|
| 2015 Existing System | 453 | 15,040 |
| Compare to 2013 Update | 774 | -- |

Available EDUs after Improvements

| | Max. Additional ERUs | Max. Population Served ¹ |
|-----------------------------------------------------|----------------------------|-------------------------------------------|
| Phase 1: New Well 16 (1500 gpm) and new 2MG storage | 2,674 | 20,727 |
| Option 1: Build new Well 16 first | 1,303 | 17,216 |
| Option 2: Build new storage first | 1,218 | 16,997 |
| Phase 2: New Well 17 (1500 gpm) | 4,131 | 24,456 |

Notes:

- 1 Based on 2015 population, recommended to start design for next stage significantly before this point
- 2 Based on wells having to deliver peak hour demands and maintain fire storage in tanks
- 3 EDU = Equivalent Dwelling Unit, i.e. a house with census value of 2.56 people
- 4 gpm = gallons per minute
- 5 gpcd = gallons per capita per day

Attachment E

2013/14 Flow Statistics

| | Upper | Medium | Upper & Medium |
|-------------------|-------|--------|----------------|
| Average Day (gpm) | 133 | 288 | 421 |
| Peak Month (gpm) | 320 | 480 | 800 |
| Summer (gpm) | 278 | 472 | 750 |
| Winter (gpm) | 45 | 137 | 182 |
| Maximum Day (gpm) | 420 | 657 | 958 |
| Peak Hour* (gpm) | 960 | 1,500 | 2,190 |

* Used Peaking Factor of 2.28, based off Medium Booster SCADA data in 2015

Note: Upper & Medium totals for maximum day and peak hour do not add to the third column, as these individual zone events do not happen at the same time.

Upper Zone Growth Potential

| | |
|-----------------------------|------|
| Maximum Day* (gpm) | 420 |
| Firm Pumping Capacity (gpm) | 700 |
| Available for Growth (gpm) | 280 |
| MDD gpm/ERU | 1.05 |
| Available ERUs | 272 |

*Maximum day used because upper zone includes storage.

Note: If Well 14 is used for back up to the booster station, then Upper Zone Firm capacity is actually closer to 5400 gpm, which equates to 915 available ERUs

Medium Zone Growth Potential

| | |
|-----------------------------|-------|
| Peak Hour* (gpm) | 1,500 |
| Firm Pumping Capacity (gpm) | 2,100 |
| Available for Growth (gpm) | 600 |
| Peak Hour gpm/ERU | 1.75 |
| Available ERUs | 340 |

*Peak hour used because of lack of storage in medium zone.

Note: It may be possible that additional ERUs could be available based on PTV and transmission pipeline capacities, but these would need to be determined through additional computer modeling. Assume for new growth that demand per ERU will be comparable to system-wide max day and peak hour demands per ERU.

Upper Booster

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|-------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Average Day (gpm) | 47 | 44 | 45 | 83 | 147 | 230 | 320 | 284 | 208 | 94 | 49 | 44 |

Medium Booster

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Average (gpm) | 138 | 136 | 140 | 260 | 443 | 475 | 480 | 461 | 392 | 256 | 140 | 136 |

Total [Upper & Medium]

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Average (gpm) | 185 | 180 | 185 | 343 | 590 | 705 | 800 | 745 | 600 | 350 | 189 | 180 |

APPLICATION FOR TRANSPORTATION AND
UTILITY SYSTEMS AND FACILITIES
ON FEDERAL LANDS

FORM APPROVED
OMB Control Number: 0596-0082
Expiration Date: 8/31/2020

FOR AGENCY USE ONLY

NOTE: Before completing and filing the application, the applicant should completely review this package and schedule a preapplication meeting with representatives of the agency responsible for processing the application. Each agency may have specific and unique requirements to be met in preparing and processing the application. Many times, with the help of the agency representative, the application can be completed at the preapplication meeting.

Application Number

Date Filed

1. Name and address of applicant (*include zip code*)

Elmore County Board of Commissioners
150 South 4th East, Ste. #3
Mountain Home, ID 83647

2. Name, title, and address of authorized agent if
different from item 1 (*include zip code*)

Scott Campbell
Campbell Law, Chtd
P.O. Box 170538
Boise, ID 83717

3. Telephone (*with area code*)
(208) 949-0599

Applicant
Elmore County
Authorized Agent
Scott Campbell

4. As applicant are you? (*check one*)

- a. ☐ Individual
b. ☐ Corporation*
c. ☐ Partnership/Association*
d. ☐ State Government/State Agency
e. ☒ Local Government
f. ☐ Federal Agency

* If checked, complete supplemental page

5. Specify what application is for: (*check one*)

- a. ☒ New authorization
b. ☐ Renewing existing authorization number
c. ☐ Amend existing authorization number
d. ☐ Assign existing authorization number
e. ☐ Existing use for which no authorization has been received *
f. ☐ Other*

* If checked, provide details under item 7

6. If an individual, or partnership, are you a citizen(s) of the United States? ☐ Yes ☐ No

7. Project description (describe in detail): (a) Type of system or facility, (*e.g., canal, pipeline, road*); (b) related structures and facilities; (c) physical specifications (*Length, width, grading, etc.*); (d) term of years needed; (e) time of year of use or operation; (f) Volume or amount of product to be transported; (g) duration and timing of construction; and (h) temporary work areas needed for construction (*Attach additional sheets, if additional space is needed.*)

See attached Addendum and project map.

Elmore County's application seeks approval to use the described right-of-way for distribution and delivery of water diverted from the Snake River, pursuant to a water permit and ultimately a water license designated as No. 02-10535.

8. Attach a map covering area and show location of project proposal

9. State or Local government approval: ☐ Attached ☐ Applied for ☒ Not Required

10. Nonreturnable application fee: ☐ Attached ☒ Not required

11. Does project cross international boundary or affect international waterways? ☐ Yes ☒ No (*if "yes," indicate on map*)

12. Give statement of your technical and financial capability to construct, operate, maintain, and terminate system for which authorization is being requested.

The Elmore County Board of County Commissioners will be responsible for operating and maintaining the proposed project. Elmore County is a local government entity and has the power to raise money for improvement projects such as this. The County retained technical experts to assist in development of the project: SPF Water Engineering and Campbell Law, Chtd. Both entities are specifically qualified in engineering and legal aspects of a project of this nature. Elmore County operates numerous facilities and systems as part of its performance of local government functions under Idaho Law.

13a. Describe other reasonable alternative routes and modes considered.

No reasonable alternative route is available which would exclude federal land.

b. Why were these alternatives not selected?

No other mode or route would be as economically feasible. Also, any alternatives would require the construction of additional access roads.

c. Give explanation as to why it is necessary to cross Federal Lands.

Access to CJ Strike Reservoir requires crossing federal lands and the project cannot be constructed without access to the reservoir.

14. List authorizations and pending applications filed for similar projects which may provide information to the authorizing agency. (Specify number, date, code, or name)

Idaho Water Right Permit Application 02-10535

15. Provide statement of need for project, including the economic feasibility and items such as: (a) cost of proposal (construction, operation, and maintenance); (b) estimated cost of next best alternative; and (c) expected public benefits.

See addendum.

16. Describe probable effects on the population in the area, including the social and economic aspects, and the rural lifestyles.

The project will provide a supplemental water supply and groundwater resources to Elmore County, which creates an opportunity for growth in the county and provides more water for rural irrigation water users.

17. Describe likely environmental effects that the proposed project will have on: (a) air quality; (b) visual impact; (c) surface and ground water quality and quantity; (d) the control or structural change on any stream or other body of water; (e) existing noise levels; and (f) the surface of the land, including vegetation, permafrost, soil, and soil stability.

See addendum.

18. Describe the probable effects that the proposed project will have on (a) populations of fish, plantlife, wildlife, and marine life, including threatened and endangered species; and (b) marine mammals, including hunting, capturing, collecting, or killing these animals.

Aquatic life is not expected to be disturbed by this project. The pumps will be screened to prevent unintentional removal or harm to aquatic life.

19. State whether any hazardous material, as defined in this paragraph, will be used, produced, transported or stored on or within the right-of-way or any of the right-of-way facilities, or used in the construction, operation, maintenance or termination of the right-of-way or any of its facilities.

"Hazardous material" means any substance, pollutant or contaminant that is listed as hazardous under the Comprehensive Environmental Response, Compensation, and Liability Act of 1980, as amended, 42 U.S.C. 9601 et seq., and its regulations. The definition of hazardous substances under CERCLA includes any "hazardous waste" as defined in the Resource Conservation and Recovery Act of 1976 (RCRA), as amended, 42 U.S.C. 6901 et seq., and its regulations. The term hazardous materials also includes any nuclear or byproduct material as defined by the Atomic Energy Act of 1954, as amended, 42 U.S.C. 2011 et seq. The term does not include petroleum, including crude oil or any fraction thereof that is not otherwise specifically listed or designated as a hazardous substance under CERCLA Section 101(14), 42 U.S.C. 9601(14), nor does the term include natural gas.

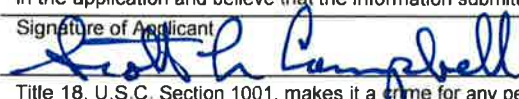
No hazardous materials are proposed to be used for this project.

20. Name all the Department(s)/Agency(ies) where this application is being filed.

Bureau of Land Management

I HEREBY CERTIFY, That I am of legal age and authorized to do business in the State and that I have personally examined the information contained in the application and believe that the information submitted is correct to the best of my knowledge.

Signature of Applicant



Date

3/11/19

Title 18, U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious, or fraudulent statements or representations as to any matter within its jurisdiction.

GENERAL INFORMATION
ALASKA NATIONAL INTEREST LANDS

This application will be used when applying for a right-of-way, permit, license, lease, or certificate for the use of Federal lands which lie within conservation system units and National Recreation or Conservation Areas as defined in the Alaska National Interest Lands Conservation Act. Conservation system units include the National Park System, National Wildlife Refuge System, National Wild and Scenic Rivers System, National Trails System, National Wilderness Preservation System, and National Forest Monuments.

Transportation and utility systems and facility uses for which the application may be used are:

1. Canals, ditches, flumes, laterals, pipes, pipelines, tunnels, and other systems for the transportation of water.
2. Pipelines and other systems for the transportation of liquids other than water, including oil, natural gas, synthetic liquid and gaseous fuels, and any refined product produced therefrom.
3. Pipelines, slurry and emulsion systems, and conveyor belts for transportation of solid materials.
4. Systems for the transmission and distribution of electric energy.
5. Systems for transmission or reception of radio, television, telephone, telegraph, and other electronic signals, and other means of communications.
6. Improved right-of-way for snow machines, air cushion vehicles, and all-terrain vehicles.
7. Roads, highways, railroads, tunnels, tramways, airports, landing strips, docks, and other systems of general transportation.

This application must be filed simultaneously with each Federal department or agency requiring authorization to establish and operate your proposal.

In Alaska, the following agencies will help the applicant file an application and identify the other agencies the applicant should contact and possibly file with:

Department of Agriculture
Regional Forester, Forest Service (USFS)
P.O. Box 21628
Juneau, Alaska 99802-1628
Telephone: (907) 586-7847 (or a local Forest Service Office)

Department of the Interior
Bureau of Indian Affairs (BIA)
Alaska Regional Office
709 West 9th Street
Juneau, Alaska 99802
Telephone: (907) 586-7177

Department of the Interior
Alaska State Office
Bureau of Land Management
222 West 7th Avenue #13
Anchorage, Alaska 99513
Public Room: 907-271-5960
FAX: 907-271-3684
(or a local BLM Office)

U.S. Fish & Wildlife Service (FWS)
Office of the Regional Director
1011 East Tudor Road
Anchorage, Alaska 99503
Telephone: (907) 786-3440

National Park Service (NPS)
Alaska Regional Office
240 West 5th Avenue
Anchorage, Alaska 99501
Telephone: (907) 644-3510

Note - Filings with any Interior agency may be filed with any office noted above or with the Office of the Secretary of the Interior, Regional Environmental Officer, P.O. Box 120, 1675 C Street, Anchorage, Alaska 99513.

Department of Transportation
Federal Aviation Administration
Alaska Region AAL-4, 222 West 7th Ave., Box 14
Anchorage, Alaska 99513-7587
Telephone: (907) 271-5285

NOTE - The Department of Transportation has established the above central filing point for agencies within that Department. Affected agencies are: Federal Aviation Administration (FAA), Coast Guard (USCG), Federal Highway Administration (FHWA), Federal Railroad Administration (FRA).

OTHER THAN ALASKA NATIONAL INTEREST LANDS

Use of this form is not limited to National Interest Conservation Lands of Alaska.

Individual department/agencies may authorize the use of this form by applicants for transportation and utility systems and facilities on other Federal lands outside those areas described above.

For proposals located outside of Alaska, applications will be filed at the local agency office or at a location specified by the responsible Federal agency.

SPECIFIC INSTRUCTIONS
(Items not listed are self-explanatory)

- 7 Attach preliminary site and facility construction plans. The responsible agency will provide instructions whenever specific plans are required.
- 8 Generally, the map must show the section(s), township(s), and range(s) within which the project is to be located. Show the proposed location of the project on the map as accurately as possible. Some agencies require detailed survey maps. The responsible agency will provide additional instructions.
- 9, 10, and 12 The responsible agency will provide additional instructions.
- 13 Providing information on alternate routes and modes in as much detail as possible, discussing why certain routes or modes were rejected and why it is necessary to cross Federal lands will assist the agency(ies) in processing your application and reaching a final decision. Include only reasonable alternate routes and modes as related to current technology and economics.
- 14 The responsible agency will provide instructions.
- 15 Generally, a simple statement of the purpose of the proposal will be sufficient. However, major proposals located in critical or sensitive areas may require a full analysis with additional specific information. The responsible agency will provide additional instructions.
- 16 through 19 Providing this information with as much detail as possible will assist the Federal agency(ies) in processing the application and reaching a decision. When completing these items, you should use a sound judgment in furnishing relevant information. For example, if the project is not near a stream or other body of water, do not address this subject. The responsible agency will provide additional instructions.

Application must be signed by the applicant or applicant's authorized representative.

EFFECT OF NOT PROVIDING INFORMATION: Disclosure of the information is voluntary. If all the information is not provided, the application may be rejected.

DATA COLLECTION STATEMENT

The Federal agencies collect this information from applicants requesting right-of-way, permit, license, lease, or certification for the use of Federal lands. The Federal agencies use this information to evaluate the applicant's proposal. The public is obligated to submit this form if they wish to obtain permission to use Federal lands.

SUPPLEMENTAL

| NOTE: The responsible agency(ies) will provide instructions | CHECK APPROPRIATE BLOCK | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|--------------------------|
| I - PRIVATE CORPORATIONS | ATTACHED | FILED* |
| a. Articles of Incorporation | <input type="checkbox"/> | <input type="checkbox"/> |
| b. Corporation Bylaws | <input type="checkbox"/> | <input type="checkbox"/> |
| c. A certification from the State showing the corporation is in good standing and is entitled to operate within the State | <input type="checkbox"/> | <input type="checkbox"/> |
| d. Copy of resolution authorizing filing | <input type="checkbox"/> | <input type="checkbox"/> |
| e. The name and address of each shareholder owning 3 percent or more of the shares, together with the number and percentage of any class of voting shares of the entity which such shareholder is authorized to vote and the name and address of each affiliate of the entity together with, in the case of an affiliate controlled by the entity, the number of shares and the percentage of any class of voting stock of that affiliate owned, directly or indirectly, by that entity, and in the case of an affiliate which controls that entity, the number of shares and the percentage of any class of voting stock of that entity owned, directly or indirectly, by the affiliate. | <input type="checkbox"/> | <input type="checkbox"/> |
| f. If application is for an oil or gas pipeline, describe any related right-of-way or temporary use permit applications, and identify previous applications. | <input type="checkbox"/> | <input type="checkbox"/> |
| g. If application is for an oil and gas pipeline, identify all Federal lands by agency impacted by proposal. | <input type="checkbox"/> | <input type="checkbox"/> |
| II - PUBLIC CORPORATIONS | | |
| a. Copy of law forming corporation | <input type="checkbox"/> | <input type="checkbox"/> |
| b. Proof of organization | <input type="checkbox"/> | <input type="checkbox"/> |
| c. Copy of Bylaws | <input type="checkbox"/> | <input type="checkbox"/> |
| d. Copy of resolution authorizing filing | <input type="checkbox"/> | <input type="checkbox"/> |
| e. If application is for an oil or gas pipeline, provide information required by item "I - f" and "I - g" above. | <input type="checkbox"/> | <input type="checkbox"/> |
| III - PARTNERSHIP OR OTHER UNINCORPORATED ENTITY | | |
| a. Articles of association, if any | <input type="checkbox"/> | <input type="checkbox"/> |
| b. If one partner is authorized to sign, resolution authorizing action is | <input type="checkbox"/> | <input type="checkbox"/> |
| c. Name and address of each participant, partner, association, or other | <input type="checkbox"/> | <input type="checkbox"/> |
| d. If application is for an oil or gas pipeline, provide information required by item "I - f" and "I - g" above. | <input type="checkbox"/> | <input type="checkbox"/> |

*If the required information is already filed with the agency processing this application and is current, check block entitled "Filed." Provide the file identification information (e.g., number, date, code, name). If not on file or current, attach the requested information.

NOTICES

Note: This applies to the Department of Agriculture/Forest Service (FS)

This information is needed by the Forest Service to evaluate the requests to use National Forest System lands and manage those lands to protect natural resources, administer the use, and ensure public health and safety. This information is required to obtain or retain a benefit. The authority for that requirement is provided by the Organic Act of 1897 and the Federal Land Policy and Management Act of 1976, which authorize the secretary of Agriculture to promulgate rules and regulations for authorizing and managing National Forest System lands. These statutes, along with the Term Permit Act, National Forest Ski Area Permit Act, Granger-Thye Act, Mineral Leasing Act, Alaska Term Permit Act, Act of September 3, 1954, Wilderness Act, National Forest Roads and Trails Act, Act of November 16, 1973, Archeological Resources Protection Act, and Alaska National Interest Lands Conservation Act, authorize the Secretary of Agriculture to issue authorizations or the use and occupancy of National Forest System lands. The Secretary of Agriculture's regulations at 36 CFR Part 251, Subpart B, establish procedures for issuing those authorizations.

BURDEN AND NONDISCRIMINATION STATEMENTS

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0596-0082. The time required to complete this information collection is estimated to average 8 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or part of an individual's income is derived from any public assistance. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at 202-720-2600 (voice and TDD).

To file a complaint of discrimination, write USDA, Director, Office of Civil Rights, 1400 Independence Avenue, SW, Washington, DC 20250-9410 or call toll free (866) 632-9992 (voice). TDD users can contact USDA through local relay or the Federal relay at (800) 877-8339 (TDD) or (866) 377-8642 (relay voice). USDA is an equal opportunity provider and employer.

The Privacy Act of 1974 (5 U.S.C. 552a) and the Freedom of Information Act (5 U.S.C. 552) govern the confidentiality to be provided for information received by the Forest Service.

SF299 APPLICATION FOR TRANSPORTATION AND UTILITY SYSTEMS AND FACILITIES ON FEDERAL LANDS ADDENDUM

ITEM 7 – PROJECT DESCRIPTION

- (a,b) Construction for this project will consist of a screened intake structure in CJ Strike Reservoir on the Snake River, a pump station with electrical lines for power, and a water pipeline. The majority of the proposed pipeline can be accessed from existing public roads, particularly State Highway 67/167, Strike Dam Cut-Off Road, NW Canal Road, and Beaman Street. An access road owned by JR Simplot Company is also present from Strike Dam Cut-Off Road to the proposed pump station site.

The proposed diversion point from CJ Strike Reservoir is located on federal land owned by the Bureau of Land Management (BLM). BLM appears to hold sole ownership and jurisdiction over the proposed intake and pump station location. A large portion of the proposed pipeline will have to cross BLM land to complete the project, and short sections are also on land owned by the State of Idaho. The outlets of the proposed pipeline will discharge to a point on the Mountain Home Reservoir feeder canal which lies on private land just north of Mountain Home Reservoir and into Canyon Creek at a point on private land. The water is proposed to be used for irrigation within the Mountain Home Irrigation District (MHID), municipal uses within the City of Mountain Home, and for groundwater recharge in a series of gravel pits near Mountain Home.

Water pumped from the Snake River will travel through a continuous pipeline to reach the place of use in and around Mountain Home. The intake structure will be located roughly 18 miles southwest of Mountain Home and will pump directly into the proposed pipeline. The pipeline will carry water west up the Snake River Canyon wall roughly 2,500 feet until it reaches Strike Dam Cut-Off Road, at which point it will turn north and run parallel to the road for approximately 5.6 miles to State Highway 167. The pipeline then follows State Highway 167 and State Highway 67 for approximately 14.5 miles to the place of use in Mountain Home. The pipeline diverges from Highway 67/167 near the intersection with Airbase Road to avoid crossing any land owned by the Department of Defense or US Air Force. Once the pipeline reaches the Mountain Home city limits, it turns north towards the recharge pits near Canyon Creek and a feeder canal for Mountain Home Reservoir. No federal lands are affected by the pipeline after it enters Mountain Home, but one of the recharge pits is located on federal land owned by BLM. Additionally, the feeder canal runs into Mountain Home Reservoir which lies mostly on BLM land and a short section of the existing Mountain Home Irrigation District canal system downstream of Mountain Home Reservoir also crosses BLM land. Please see the attached map set for a more detailed depiction of the federal lands which are believed to be impacted by the proposed project.

The project is proposed as part of Elmore County's continuing efforts to develop additional water supplies to provide ground water recharge and supplemental irrigation water to the Mountain Home area and adjoining developed parts of Elmore County. The water pumped from CJ Strike Reservoir will be diverted only when all downstream Snake River minimum stream flow requirements are satisfied.

- (c) The proposed pipeline from CJ Strike Reservoir to Mountain Home is expected be constructed with approximately 27.7 miles of 30-inch diameter pipe. It is anticipated that the 12.3 miles of pipeline closest to the pump station will be made of carbon steel to accommodate higher pressures, and the remaining 15.4 miles of pipeline will be made of C905 PVC. A preliminary pipeline layout puts roughly 12 miles of pipeline and the pump station on BLM land. The pump station is expected to consist of three (3) 1,250 hp pumps and cover approximately 1,600 ft².
- (d) A perpetual easement is requested. The project lifespan is anticipated to be greater than 50 years.

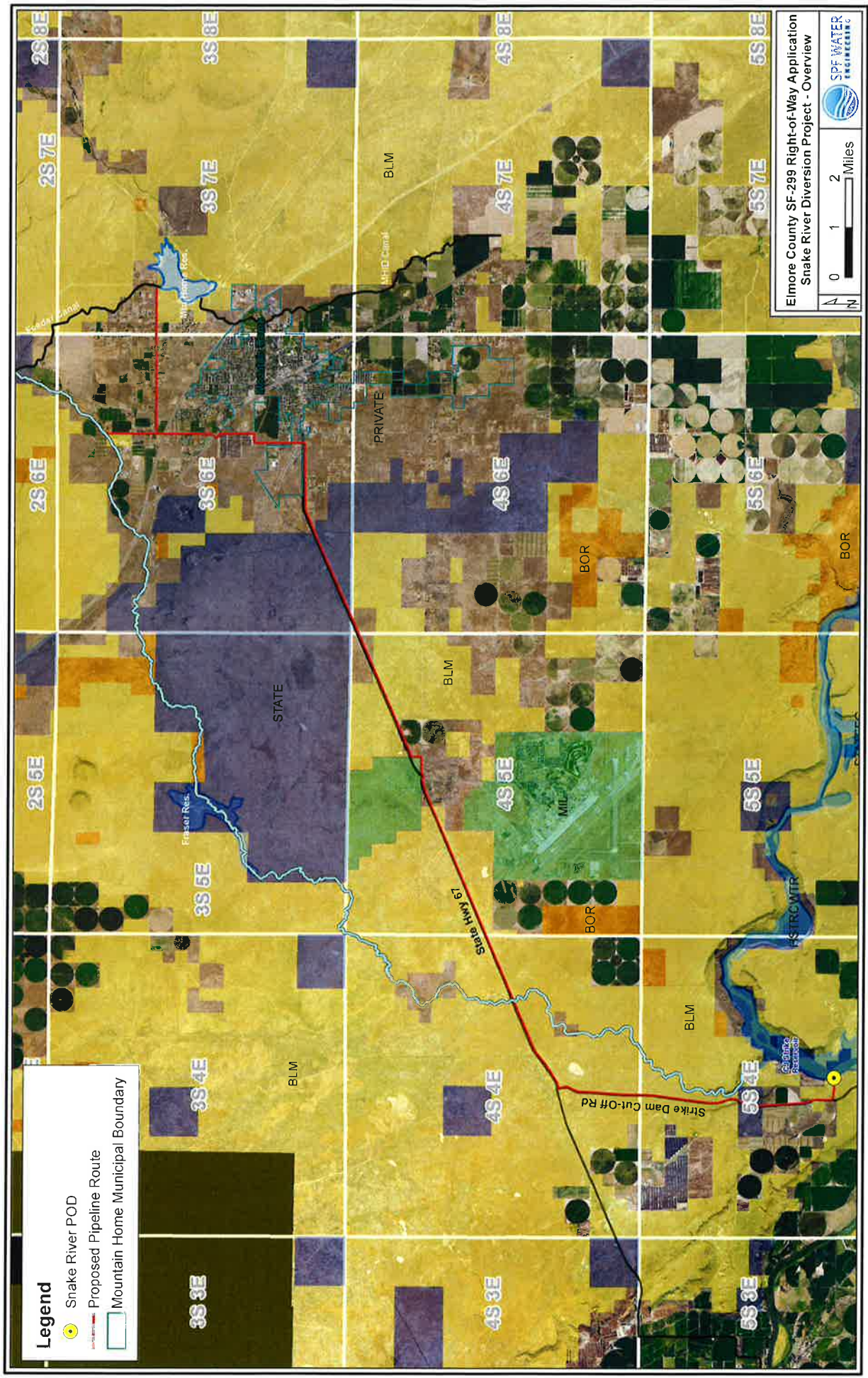
- (e) The typical operation period is expected to be year-round.
- (f) Elmore County has applied for a water permit from the Idaho Department of Water Resources which would authorize the diversion of up to 20 cfs from the Snake River in CJ Strike Reservoir.
- (g) Construction is expected to begin following issuance of a water right, issuance of a right-of-way, and fundraising for the project. The anticipated timeline is 3 to 5 years.
- (h) Assorted temporary staging areas and storage lots are expected to be used during construction. These will likely be located at various points as needed along the existing roads to provide materials and equipment to the section of pipeline under construction at a given time.

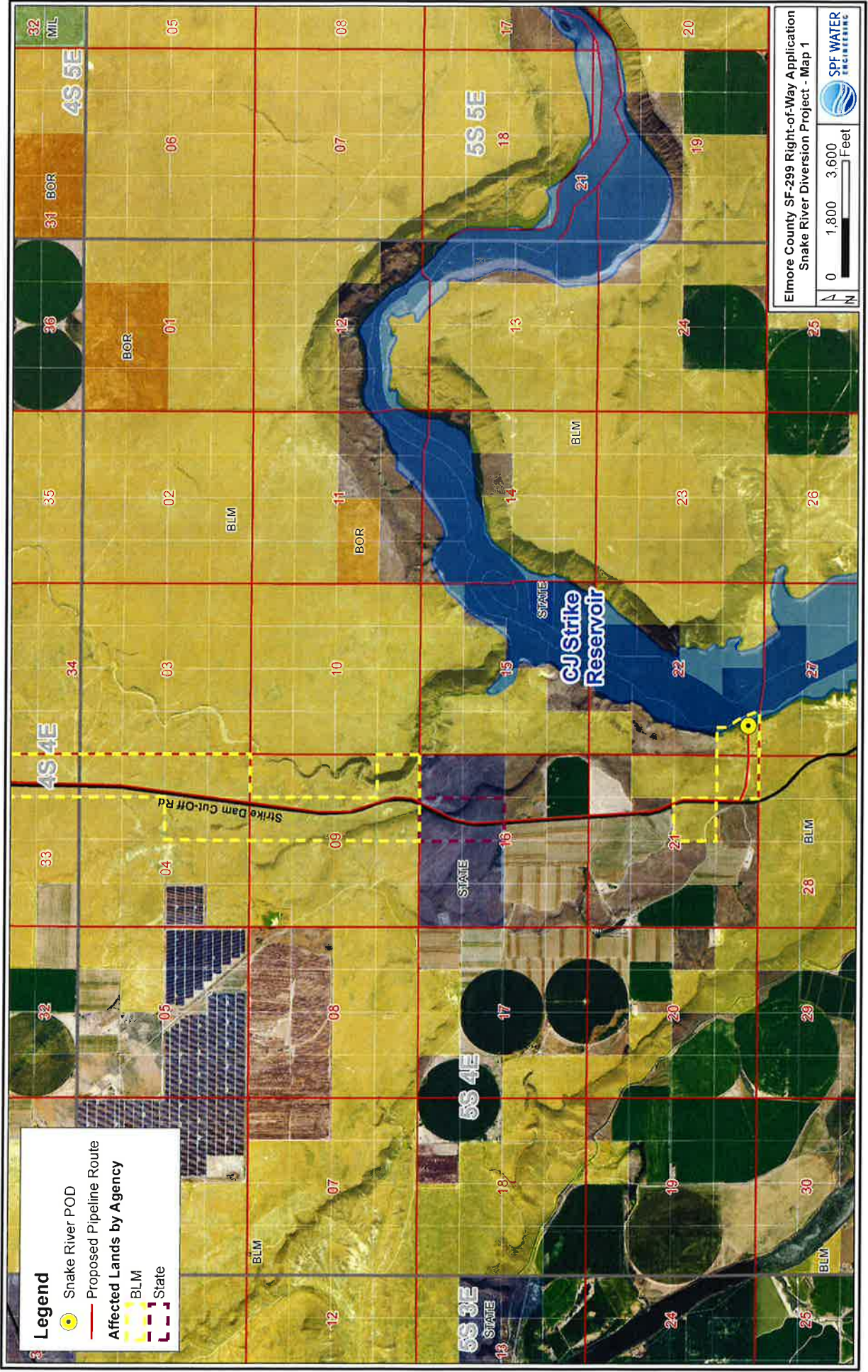
ITEM 15 – STATEMENT OF NEED FOR THE PROJECT

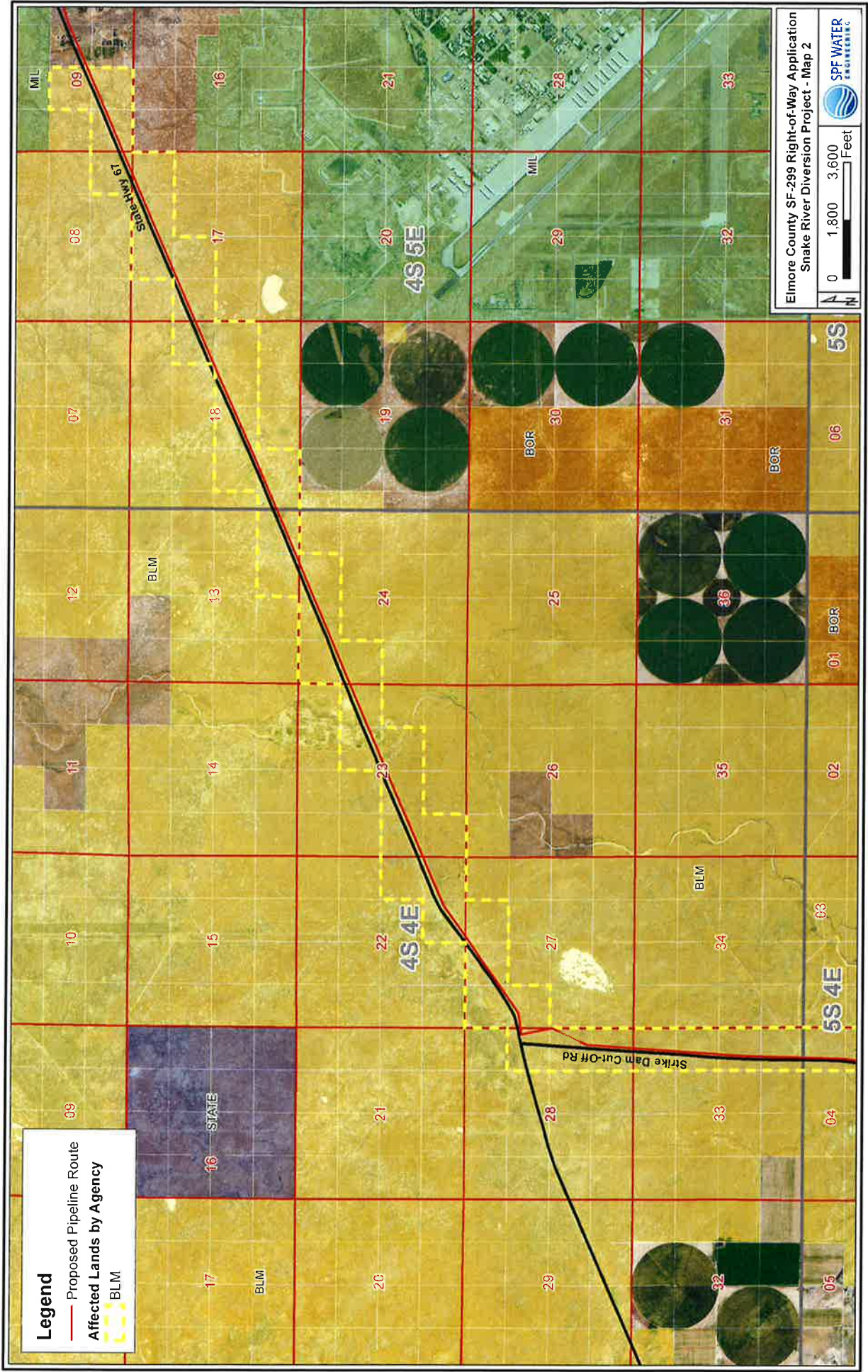
- (a) The estimated cost to construct the pump station and pipeline from CJ Strike Reservoir to Mountain Home is \$42.6 million.
- (b) No feasible alternative was identified. This option provides the most accessible route to CJ Strike Reservoir because it does not require to construction of any additional roads.
- (c) Elmore County suffers from critical water supply deficiencies. Ground water levels in Mountain Home and the surrounding area have continuously declined over several decades. Construction of this project would supply additional water for use by Elmore County and its residents to meet the increasing demand and improve groundwater resources in the area.

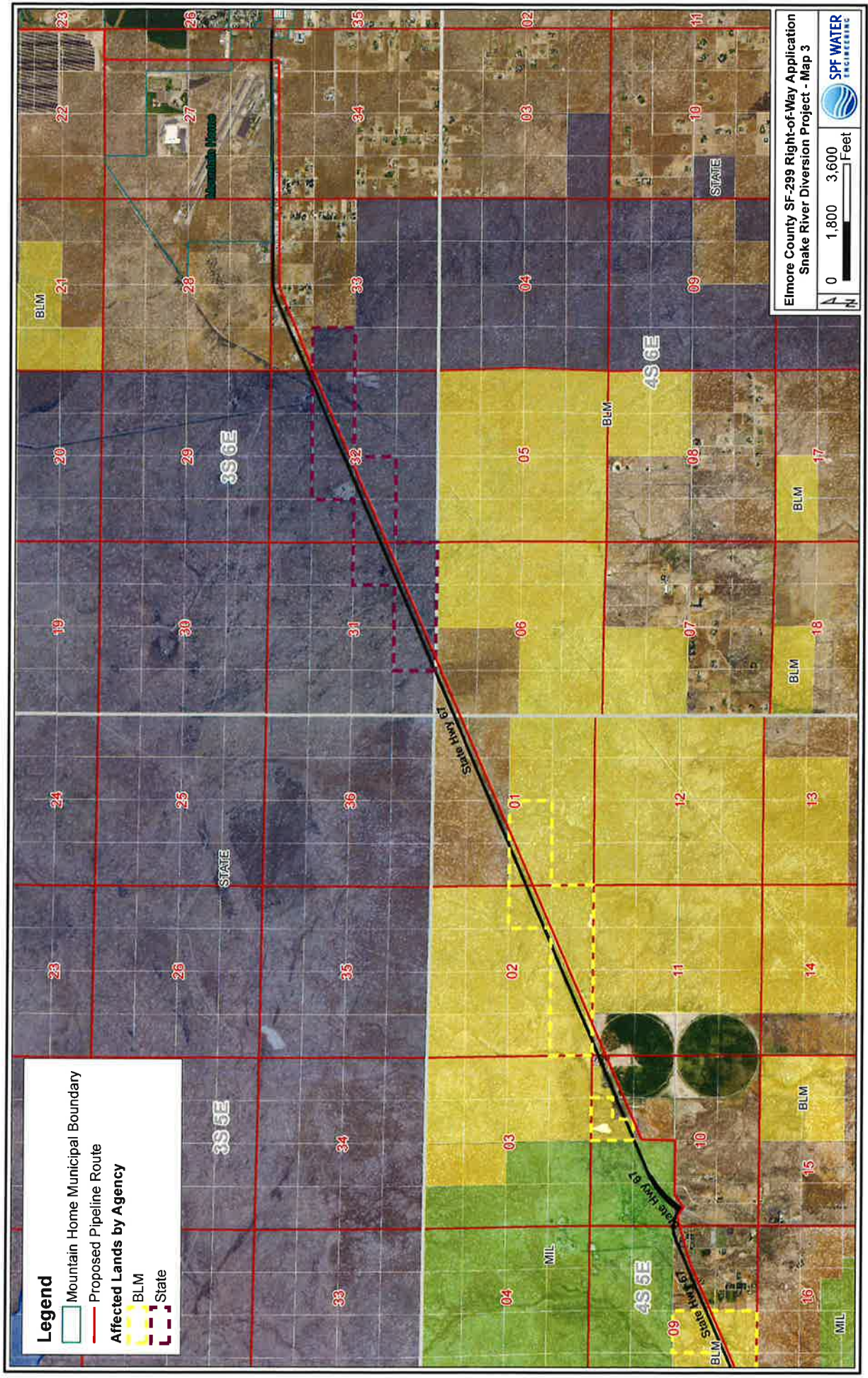
ITEM 17 – ENVIRONMENTAL EFFECTS

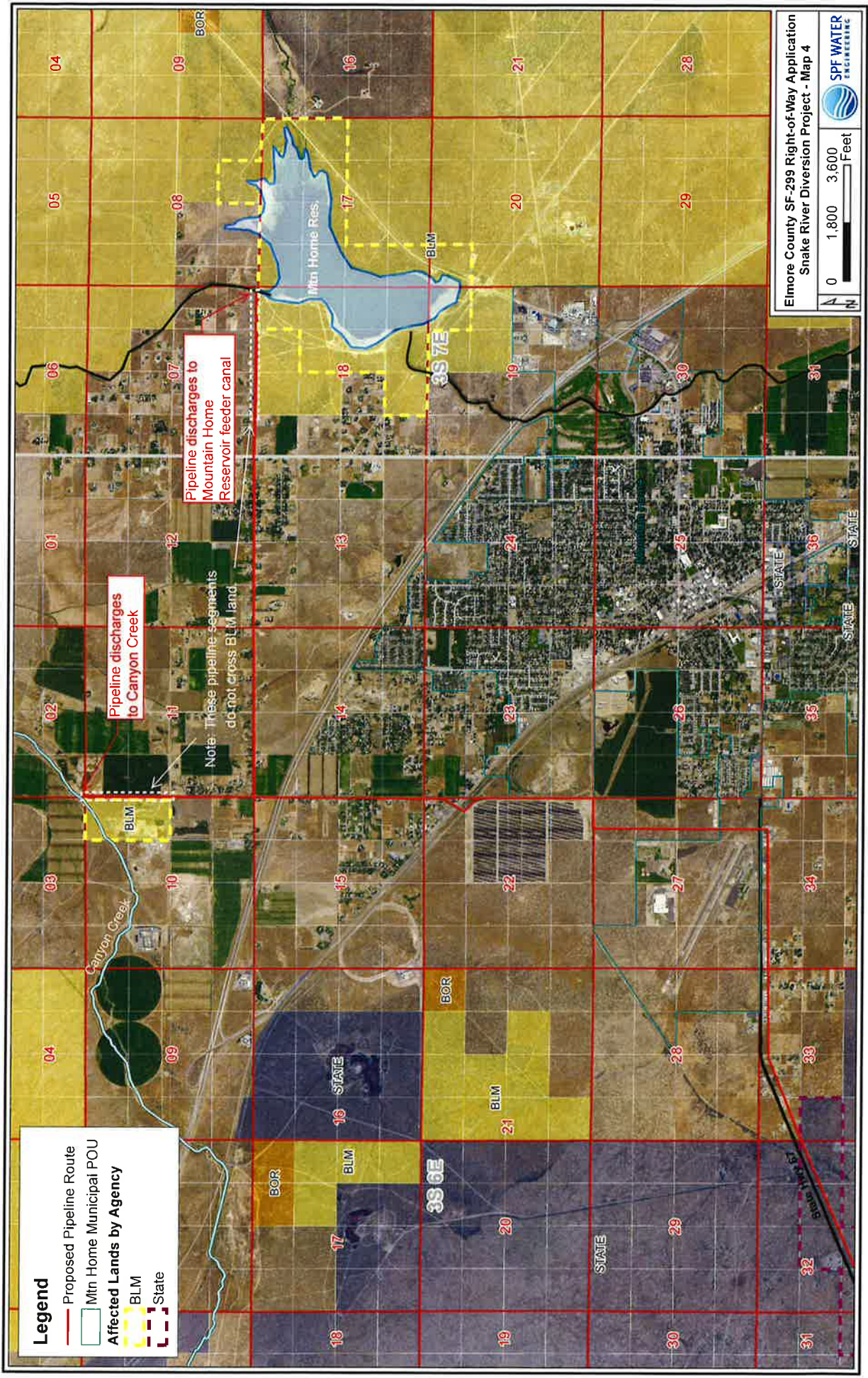
- (a) No impacts to air quality are expected.
- (b) The proposed pump station and pipeline are in an area which is lightly used for recreational or aesthetic purposes. Visual impact will be negligible. An existing pump station is located immediately adjacent to the proposed pump station.
- (c) The new intake and pipeline project will draw water from CJ Strike Reservoir and transport it to Mountain Home, which will result in a decrease in Snake River flow of less than 1%. The pumped water will be used to recharge the local aquifer, supplement Mountain Home's municipal water supply, and provide additional irrigation supply. The recharge use will increase groundwater supplies around Mountain Home. No changes to water quality are anticipated.
- (d) No control or structural changes are planned for any streams or water bodies.
- (e) The pump station will make noise when active, but the sound is localized and the area around the pump house is remote with few visitors. The pipeline will be buried and should have no effect on noise levels.
- (f) The project will require some vegetation removal and soil grading along the pipeline route. No affect on the soil or vegetation beyond temporary disturbance during construction is expected.





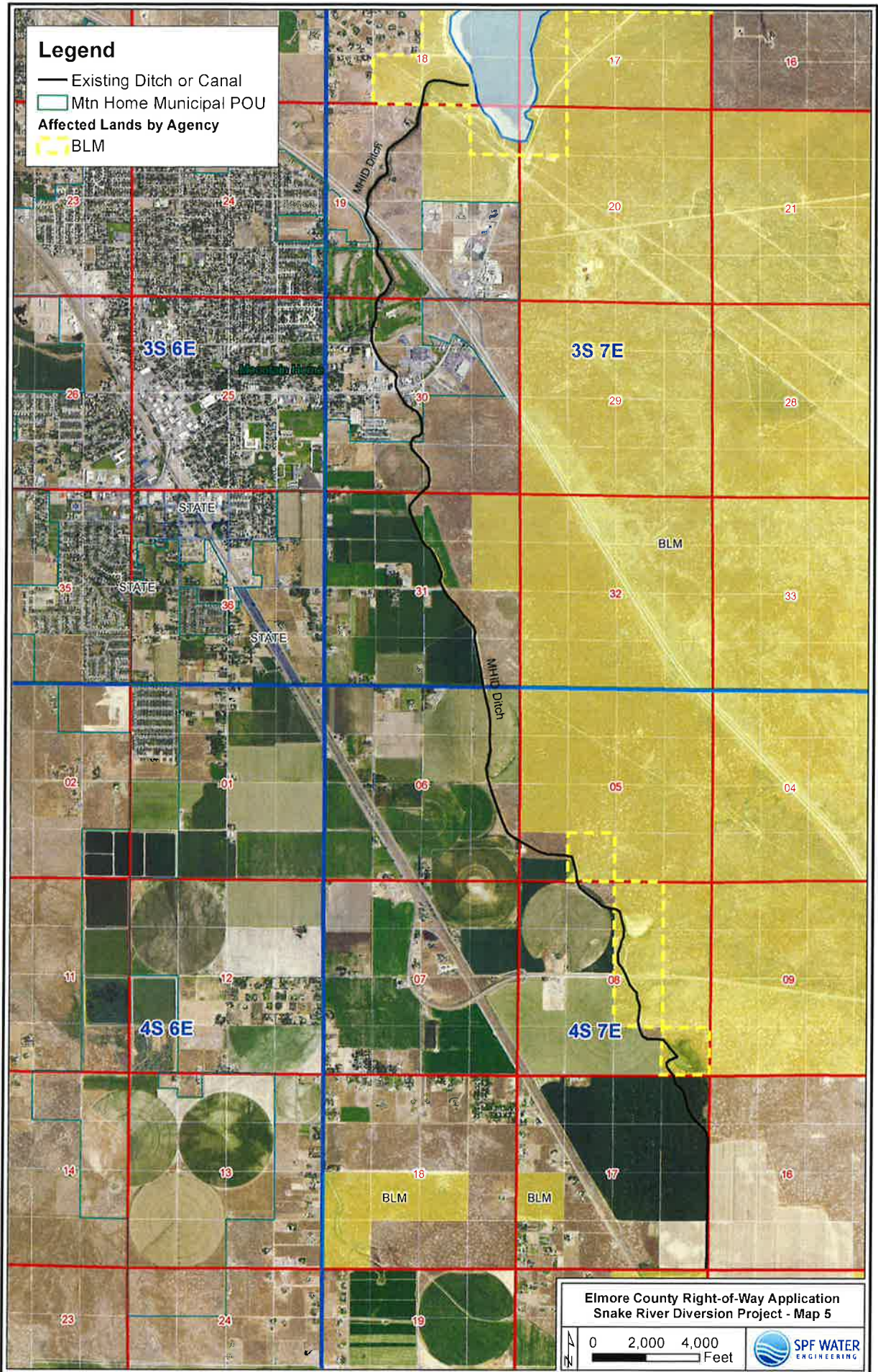






Legend

- Existing Ditch or Canal
- Mtn Home Municipal POU
- Affected Lands by Agency
- BLM



Elmore County Right-of-Way Application
Snake River Diversion Project - Map 5

0 2,000 4,000
Feet

