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FEB 12 2013

IDWR / NORTH

78444

STATE OF IDAHO

DEPARTMENT OF WATER RESOURCES

Ident. No. 96-9510

APPLICATION FOR PERMIT

To appropriate the public waters of the State of Idaho

1. Name of applicant(s)
- Avista Corporation (re: Trestle Creek Ground Water Supply System)
- Phone
- (509) 495-2571

Name connector (check one): ☐ and ☐ or ☐ and/orMailing address: ATTN: Linda Kiefer, EA Dept., MSC-1, PO Box 3727 City SpokaneState WA Zip 99220-3727 Email: linda.kiefer@avistacorp.com

2. Source of water supply
- Ground Water Well in Basin 96
- which is a tributary of _____

3. Location of point(s) of diversion:

Twp	Rge	Sec	Govt Lot	¼	¼	¼	County	Source	Local name or tag #
57N	1E	16			NW	SE	Bonner	Ground Water Well	D0003247

4. Water will be used for the following purposes:

Amount 0.08 cfs for Domestic Supply purposes from Jan. 1 to Dec. 31 (both dates inclusive)
(cfs or acre-feet per year)Amount 0.26 cfs for Industrial / Commercial purposes from Jan. 1 to Dec. 31 (both dates inclusive)
(cfs or acre-feet per year)Amount 0.06 cfs for Irrigation purposes from April 1 to Oct. 31 (both dates inclusive)
(cfs or acre-feet per year)Amount 0.40 cfs for Fire Protection purposes from Jan. 1 to Dec. 31 (both dates inclusive)
(cfs or acre-feet per year)

5. Total quantity to be appropriated is (a)
- 0.40
- cubic feet per second (cfs) and/or (b) _____ acre-feet per year (af).

6. Proposed diverting works:

a. Describe type and size of devices used to divert water from the source. Drilled well 60' deep; 8" casing; static level 29'; submersible pump; two (2) 119 gal. pressure tanks set into two underground vaults providing 180+ gpm for uses listed.b. Height of storage dam n/a feet; active reservoir capacity n/a acre-feet; total reservoir capacity n/a acre-feet. If the reservoir will be filled more than once each year, describe the refill plan in item 11.For dams 10 feet or more in height OR reservoirs with a total 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 ☒ Noc. Proposed well diameter is 8" inches; proposed depth of well is 60' +/- feet.d. Is ground water with a temperature of greater than 85°F being sought? ☐ Yes ☒ Noe. If well is already drilled, when? 09/10/1997; drilling firm Intermountain Drilling;Well was drilled for (well owner) (previous owners) S & D Berkley; Drilling Permit No. 96-97-N-147

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

a. Hydropower; show total feet of head and proposed capacity in kW. n/ab. Stockwatering; list number and kind of livestock. n/ac. Municipal; show name of municipality or the applicant's qualifications as a municipal provider. n/ad. Domestic; show number of households Domestic (D): 1 caretaker hm (0.02 cfs) & 6 campsites x 0.01ea. (0.06 cfs) = 0.08e. Other; describe fully. Industrial/Commercial (I/C) (fire station/training/protection 0.26 cfs); Irrigation (IR) (commons .03 x 2 ac = 0.06); and Fire Protection (F) (0.40 cfs). Total request: 0.40 cfs.

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8. 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	
57N	1E	16														D			0.02
57N	1E	16														D			0.06
57N	1E	16														I&C			0.26
57N	1E	16														2			0.06
57N	1E	16														F			0.40

Total number of acres to be irrigated: 2 acres

9. 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? None known.

10. a. Who owns the property at the point of diversion? Avista Corporation
- b. Who owns the land to be irrigated or place of use? Avista Corporation
- c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing: _____
11. Describe your proposal in narrative form, and provide additional explanation for any of the items above. Attach additional pages if necessary. Avista Corporation purchased this property in 2010, as part of the mitigation work for Cabinet Dam relicensing. In 2011, Avista entered into a 25-year lease agreement with Sam Owens Fire Dist., to allow the fire district to construct and maintain a much needed fire station on the site to serve both the Trestle Creek and Eagen Mountain area. This property also includes the Bear Creek Campground facilities, that includes water supply to the campground. This water right application requests water supply to cover the water supply needs for the: fire station & training, campground, irrigation, and proposed caretaker's home for management of campground facility and fire station's water supply system.
12. Time required for completion of works and application of water to proposed beneficial use is 5 years (minimum 1 year).
13. **MAP OF PROPOSED PROJECT REQUIRED** - Attach an 8½" x 11" 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.

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.

Linda M. Kiefer, for Avista Corp.

Signature of Applicant

Signature of Applicant

Linda Kiefer, Environmental Affairs - Avista Corp.

Print Name (and title, if applicable)

Print Name (and title, if applicable)

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For Department Use:

Received by db Date 2/12/13 Time _____ Preliminary check by _____

Fee \$ 250.00 Received by db Receipt No. N029645 Date 2/12/13

\$125 Upgrade fee
D0003247

BACKGROUND ON TRESSLE CREEK PROPERTY
For
Avista's Trestle Creek Water Right Application
February 11, 2013

BACKGROUND:

- Location: Basin 96, within T57N, R1E, Section 16, in the N1/2SE1/4 and SW1/4NE1/4, near Hope, Idaho.
- Avista purchased the Trestle Creek property (120 acres) in 2010.
- Land previously developed for campground and some mining prospects.
- In 1997, the previous owners (Berkley) had well drilled for Bear Paw Campground located on property. Campground is a semi-dry campground w/pit toilets and frost free hydrants.
- In 2011, Avista leased out a portion of the water supply and portion of land to the Sam Owen Fire District in Hope Idaho. The lease agreement is for 25 years (10/21/2011 – 10/20/2036). The fire dept. uses water for domestic purposes inside the fire house; for refill of fire trucks; fire protection; and fire training purposes.
- Campground water use is provided by frost free hydrants on site.

INFO ON WATER SYSTEM:

- WELL SPECS
 - Drilled 1997; 8" casing; 60' deep.
- PUMP SIZE: Submersible pump, size unknown. Plans are in works to have pump pulled in near future, to get make and model. (Per ID WR, put onto app the max Qi (cfs/gpm) needed for project, then WR staff will reduce this amount once we request to move permit to certificate – completion of project.)
- Two pressure tanks (119 gallons each), placed inside of two concrete vaults.
- Two concrete vaults with vertical corrugated metal pipe entrances. The vaults provide a dry, insulated working space for water system's pumps & pipes. Backflow preventer installed.
- Water supply fills fire engine within 4 minutes (1,000 gal. engine / 1,800 gal. tender.)

WATER USE PERMIT NEEDED: Per ID WR, Avista needs to file a New Water Right Application ASAP to cover current uses. ID WR said the well was drilled specifically for domestic use, and therefore only Part B of exemption is currently permitted (2,500 gpd max., at 18 gpm max.). Current water use exceeds the exemption.

INFO FOR WATER RIGHT APP:

App. Fee: For water right = \$250 for water use from .21 – 1.0 cfs. PLUS + \$125 Upgrade fee on well driller fee (orig. drilling fee paid in 1997 was for single domestic (\$75.00)). Since the above uses exceed the exempt well, we need to pay remainder of fee for 'non-domestic well', **TOTAL FEE DUE: \$375.00**

Purposes of Use: ID WR said to put down max of what we may need, & reduce down, if necessary once construction completed. (*VIP: Qi amounts cannot exceed pumping capacity of well.*)

Requested purposes of water use:

1. Domestic - Caretaker home: (in-house use)	0.02 cfs
2. Domestic - Campsites: (i.e., 6 sites x 0.01 each)	0.06 cfs
3. Commercial (inside use for fire station)	0.02 cfs
4. Industrial: (fire training & protection, outside use)	0.24 cfs
5. Irrigation: (i.e. commons green, .03 x 2 acres)	0.06 cfs
6. Fire Protection:	0.40 cfs
Total water use requested:	0.40 cfs

NOTE – Recommendations from ID WR for calculating additional storage/us capacity under current app:

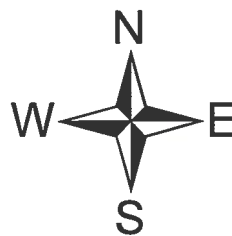
If storage tank is put in, keep size to fit max amount that can be pumped per day from well under permit (i.e., below 259,000 gallons, if max amount that can be pumped per day is 0.40 cfs (180 gpm) (equation: $180 \times 60 \text{ min} \times 24 \text{ hrs in day} = 259,000 \text{ gal tank}$, or 129,000 gallons = max amount that can be pumped per day under .2 cfs estimated pumping capacity (50+ gpm = can provide up to 90 gpm, = est. .2 cfs). However, once water in storage tank, ID WR doesn't require monitoring as to how much is used per day from the storage tank. Therefore, if fire dept. needs more water than requested above, it can be made up from storage and not Qi demand.

96-9510



Legend

- workingpod
- workingpou
- QQ
- Taxlots



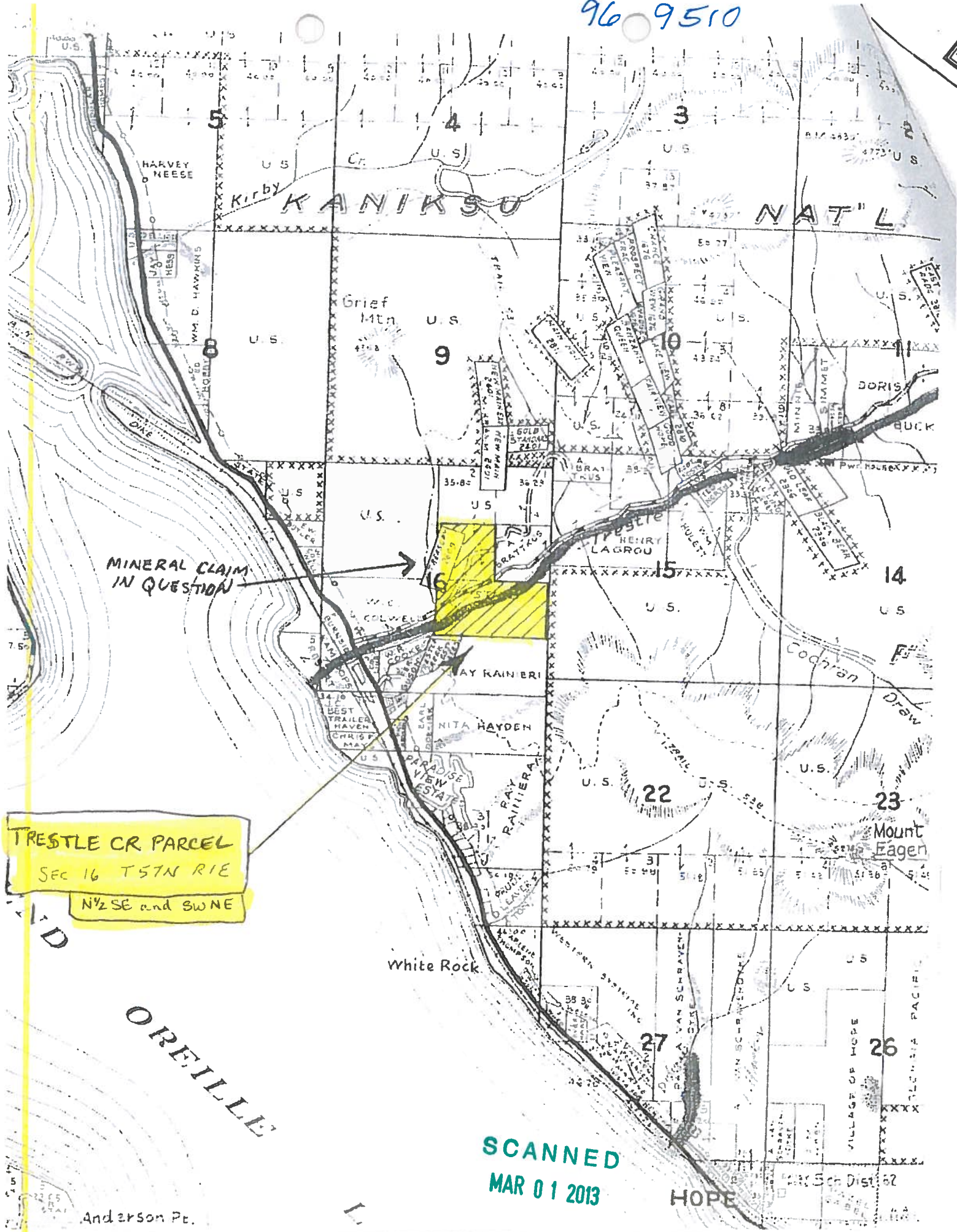
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76-4510



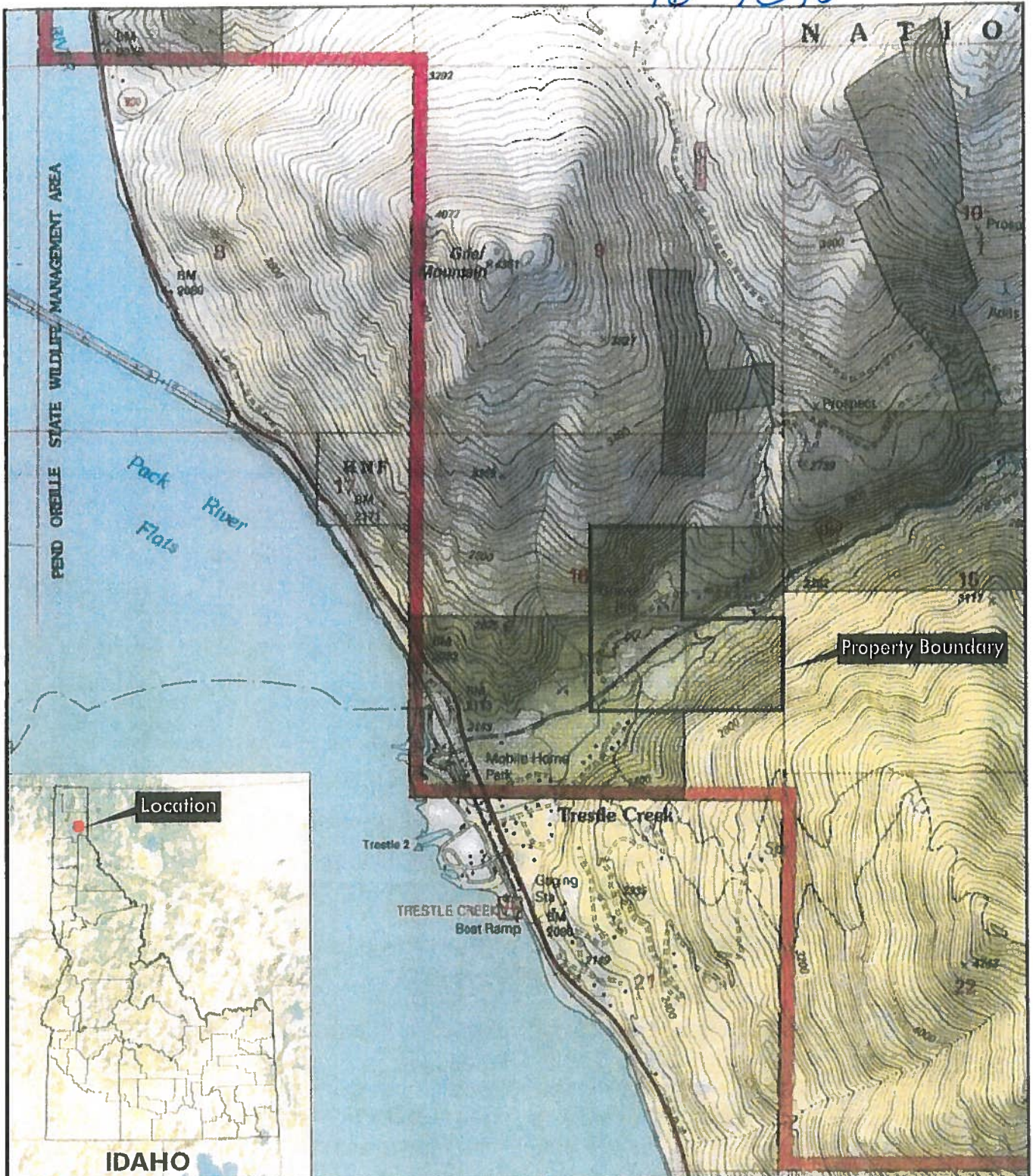
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96 9510



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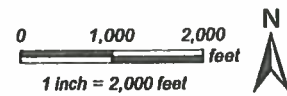
96-9510



Trestle Creek Parcel, Bonner County, Idaho

Section 16, T57N, R1E, B.M.
USGS Trout Peak, ID Quad.; Bonner County, Idaho

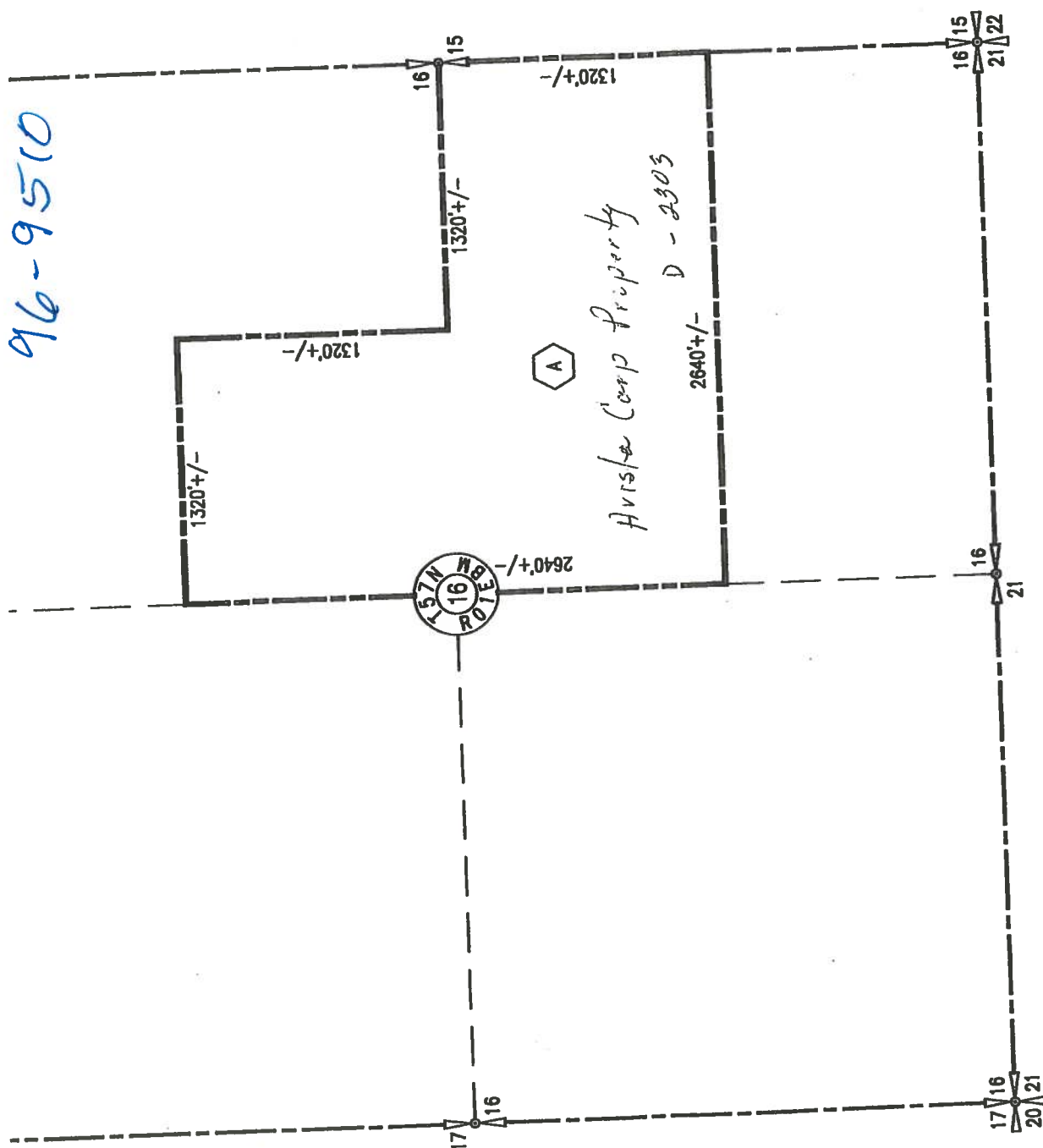
**Figure 1
Property Location**



File: 3795/fig1.cdr
August 2009

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ERO
ERO Resources Corp.



**CABINET GORGE MITIGATION
BONNER COUNTY**

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TRACT NO.	GRANTOR	GRANTEE	DATE OF RECORD	DESCRIPTION AND REMARKS	REFERENCE DRAWINGS

76-9510

Form 238-7
3/95



IDAHO DEPARTMENT OF WATER RESOURCES

WELL DRILLER'S REPORT

Use Typewriter or Ballpoint Pen

096376

Office Use Only

Inspected by _____

Twp _____ Rge _____ Sec _____

1/4 1/4 1/4

Lat: _____ Long: _____

☒ Air ☐ Flowing Artesian

1. DRILLING PERMIT NO. 96-97-N-147
Other IDWR No. D0003247

2. OWNER:

Name Steward and Dawn Berkley

Address 720 Trestle Creek

City Hope State ID Zip 83836

3. LOCATION OF WELL by legal description:

Sketch map location must agree with written location.

N									

Twp 57 North ☒ or South ☐
Rge 01 East ☒ or West ☐
Sec. 16 NW 1/4 SE 1/4
Gov't Lot _____ County Bonner
Lat: _____ Long: _____

Address of Well Site Trestle Creek

City Hope

(Give at least name of road + Distance to Road or Landmark)

Li. _____ Blk. _____ Sub. Name Bear Paw Campground

4. USE:

☒ Domestic ☐ Municipal ☐ Monitor ☐ Irrigation
☐ Thermal ☐ Injection ☐ Other

5. TYPE OF WORK check all that apply (Replacement etc.)

☒ New Well ☐ Modify ☐ Abandonment ☐ Other

6. DRILL METHOD

☒ Air Rotary ☐ Cable ☐ Mud Rotary ☐ Other

7. SEALING PROCEDURES

SEAL/FILTER PACK			AMOUNT		METHOD
Material	From	To	Sacks or Pounds		
Bentonite	0	40	12sks		Overbore

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) _____

Was drive shoe seal tested? ☐ Y ☐ N How? _____

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
8"	+1	55'	250	steel	☒	☐	☒	☐

Length of Headpipe _____ Length of Tailpipe _____

9. PERFORATIONS/SCREENS

☐ Perforations Method _____
☒ Screens Screen Type Johnson/telescoping

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
55'	60'	25		8"	stainless	☐	☐

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

29 ft. below ground Artesian pressure _____ lb.

Depth flow encountered 29 ft. Describe access port or control devices: welded well cap

11. WELL TESTS:

☐ Pump ☐ Bailor

☒ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Pumping Level	Time
50+ gpm		60'	3 hrs.

Water Temp. 48F

Bottom hole temp. _____

Water Quality test or comments: clear

Depth first Water Encountered 29'

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

Depth	From	To	Remarks: Lithology, Water Quality & Temperature	Y	H
12	0	19	Sand, gravel, boulders		x
8	19	31	Sand, gravel, boulders		x
8	31	60	Sand, gravel		x

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SEP 12 1997

NORTHERN REGION
IDWR

Completed Depth	60'	(Measurable)
Date Started	9-09-97	Completed 9-10-97

13. DRILLER'S CERTIFICATION

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Firm Name Intermountain Drilling Firm No. 0513

Firm Official _____ Date 9-10-97

and

Supervisor or Operator _____ Date _____

(Sign once if Firm Official & Operator)

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MAR 01 2013

NWSE 16 57N 1E

Permit 760308

Well ID 332057

96-9510

TRESTLE CREEK -
FIRE DEPT LEASE
10-14-2011
(25 yr lease)

Sam Owen Fire District
17 Old Sam Owen Drive

P.O. Box 344
Hope, ID 83836



208.264.5745
sofd @wow-tel.net

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FEB 12 2013
IDWR / NORTH

October 14, 2011

Don Malasani
Real Estate Department MSC-25
Avista Corp
P.O. Box 3727
Spokane, WA 99220

Dear Mr. Malasani:

I have enclosed the completed and signed lease agreement between Avista Corporation and the Sam Owen Fire District for the Trestle Creek area property.

We look forward to building a fire and rescue substation there to provide improved service to the residents of the Trestle Creek and Eagen Mountain area. Thank you again for your assistance and your company's help in making this happen.

Sincerely,

Gary Deaner
Chairman, SOFD Board of Commissioners

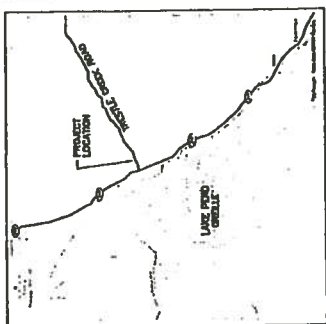
cc: Bob Wathen, Fire Chief & Project Manager

Contact ph #'s (208) 264-5745 work
(208) 290-6707 mobile

encl: Lease Agreement

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MAR 01 2013

**SAM OWEN FIRE DISTRICT
TRENTLE CREEK FIRE STATION
T57N, R1E, SECTION 16
SITE PLAN**



VICINITY MAP
NOT TO SCALE

BENNY BEN-EL-MENAI
 PEANUTS & BUTTER
 1102 9th, Tual
 06341-1503

NOTES

- NOTICE/PARABASE WILL BE STOWED IN ROOMS.
ALL STOWAGE WILL BE AFFIXED TO THE FRONT OF THE BUILDING. NO
PRESTRESSING SCANS ARE PROPOSED.
ALL LIGHTING WILL BE AFFIXED TO THE BUILDING AND DIRECTED
DOWNWARD. NO PRESTRESSING LIGHT POLES ARE PROPOSED.
ALL STAIRWAYS TO PROPERTY AND CASSETTE LINES ARE IN EXCESS OF
25 FEET.

LEGEND

- EDGE OF ROAD
SWITCH LINE
OVERHEAD POWER LINE
TRAIL LINE
EXISTING CONTROLS
TEXT DESCRIBES EXISTING FEATURES



RUEN-TRAGER & ASSOCIATES, INC.

EXERCISES: PART 1 - LOTS OF QUESTIONS - PLANNERS

SEN. R. MONTGOMERY, STE. 102

12. / MC.

以時

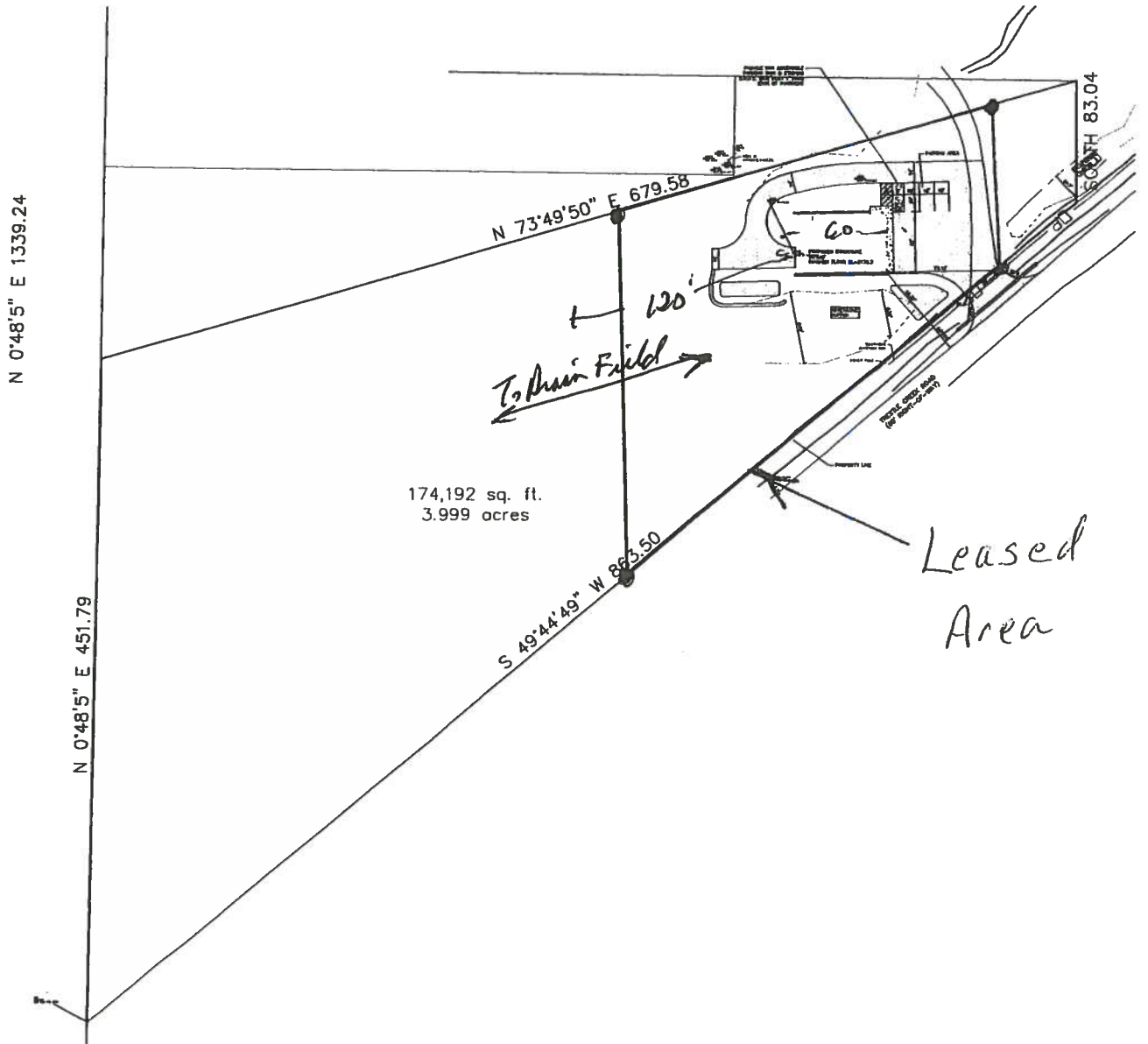
TRIED OTHER JACKETS
SUPPORT, BUT NO MORE

Continued

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MAR 01 2013

12/2/11

96-9510



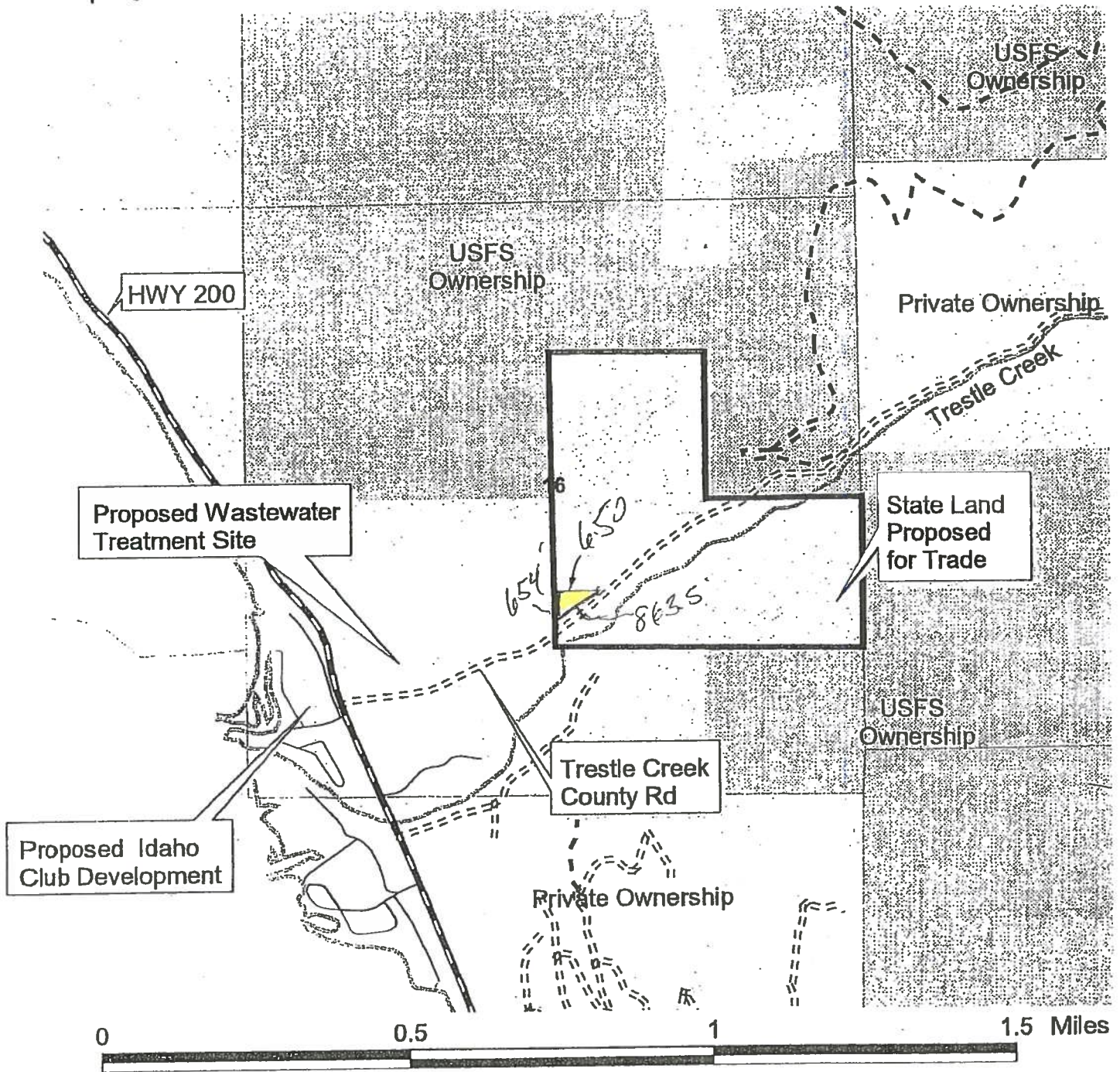
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MAR 01 2013



TLE CREEK PARCEL NOMINATI
CONTOUR AND VICINITY MAP
SEC 16 T57N R1E

96-9510

Exhibit 1.1



Scale:



Drafted By: ER

Date: 10/17/07

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MAR 01 2013

10-10-00



AUSTA'S
TRESTLE CREEK
WELL WATER SYSTEM
WELL site, vents,
& locked entrances (2)
INTO BELOW GROUND
MAINT. VAULTS

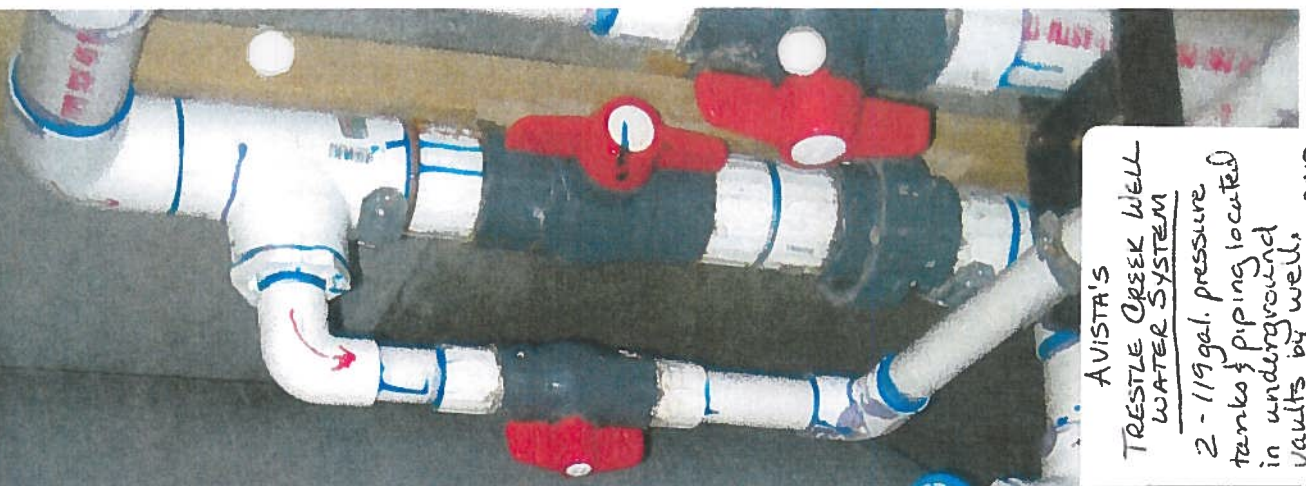
SCANNED
MAR 01 2011

710-730

AUSTA'S
TRESTLE CREEK
WATER SYSTEM
CORROGATED STEEL
ENTRIES INTO BELOW-
GROUND MAINT. VAULTS
7-6-2012

SCANNED
MAR 01, 2013

14-15-16



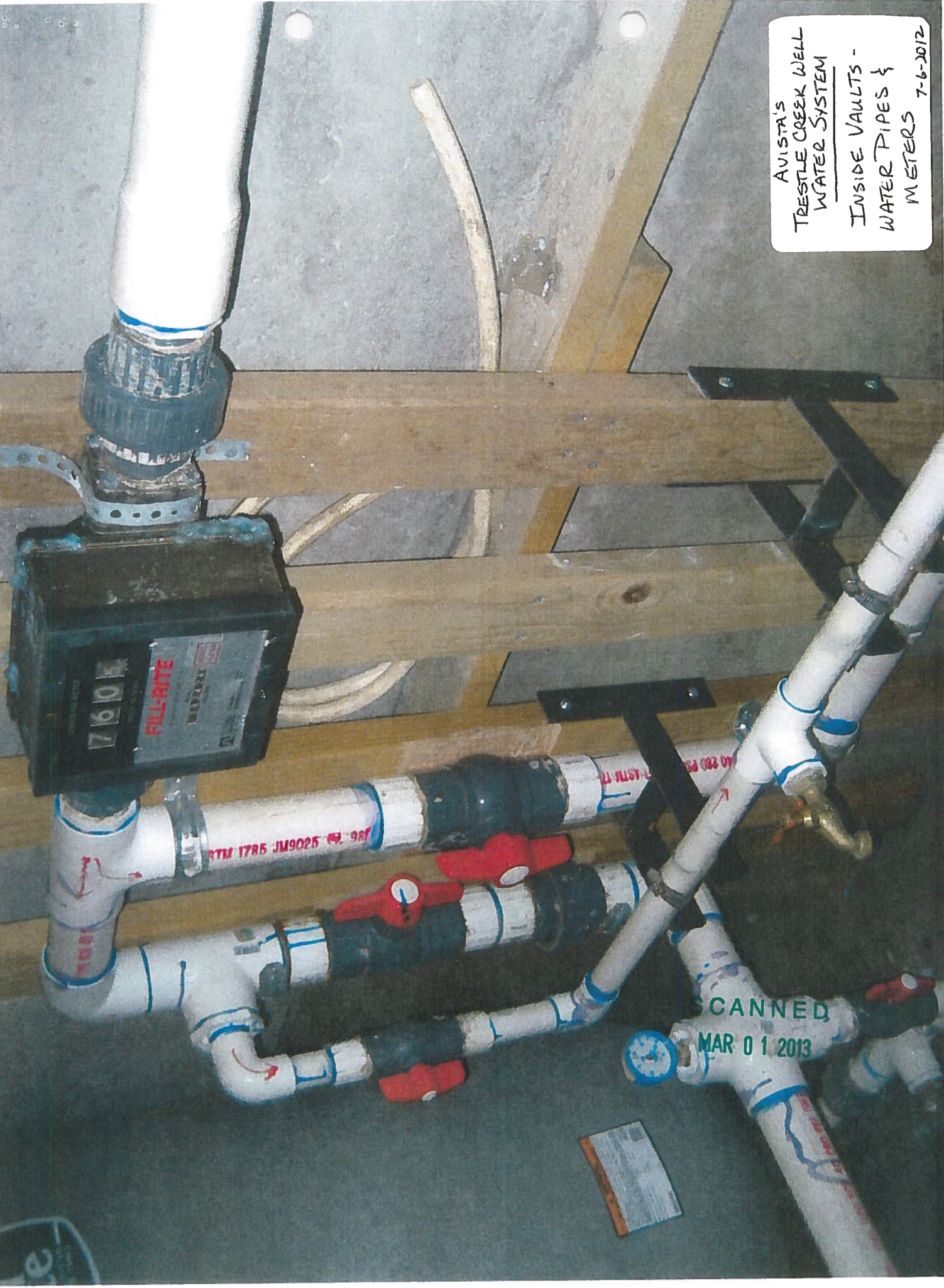
AVISTA'S
TREBLE CREEK WELL
WATER SYSTEM
2 - 119 gal. pressure
tanks & piping located
in underground
vaults by wells
7-6-2012



SCANNED
MAR 01 2013

70-7010

AVISTA'S
TREBLE CREEK WELL
WATER SYSTEM
INSIDE VAULTS -
WATER PIPES &
METERS 7-6-2012



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MAR 01 2013

SAM OWEN
FIRE STATION
2

AT AVISTA'S
TREBLE CR. PROPERTY
2012 FIRE STATION
(covered under 25 yr.
lease with Avista)
WATER SUPPLY FROM
AVISTA WELL SYSTEM
(behind fire station)

7-6-2013

SCANNED
MAR 01 2013



AUSTIN'S
TRESTLE CREEK
WELL WATER SYSTEM
INSIDE FIRE
STATION -
FILLING PORT
(for fire truck tanks)
7-16-2012

SCANNED
MAR 01 2013

TRESTLE CREEK PROPERTY, BONNER COUNTY, IDAHO



Concrete vaulted pit toilet — Bear Paw Campground, looking north.



Domestic well and pressure tank vaults (vertical corrugated metal pipes) associated with — Bear Paw Campground, looking west

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MAR 01 2013

Ball, Dianne

From: Ball, Dianne
Sent: Thursday, February 28, 2013 10:19 AM
To: Legal Notices - Bonner Co Daily Bee-Amber Bangeman
Cc: Franklin, Keith
Subject: Application for Permit No. 96-9510
Attachments: LegalNotice 02-28-13 BCDB e-mail 96-9510 doc.doc

Hi, Amber,

Please publish the enclosed legal notice on the dates indicated, March 7 and 14, 2013 (once a week for two consecutive weekly issues). If you cannot publish the notice on the proposed dates, please contact us immediately.

This should be pretty much press ready, with copy and paste. I assume you're still using 8 pt and the CenturyOldStyle font. If that has changed, please let me know.

Please send a proof/preview copy for my review before this goes to press.

An affidavit of publication must be submitted to the Department along with the publication bill. Please send the affidavit and bill to this office before 3/25/2013. Your cooperation is, as always, greatly appreciated.

Thanks for all your wonderful help, and have a marvelous day,

Dianne Ball

Administrative Assistant
Idaho Department of Water Resources
7600 N Mineral Dr., Ste. 100
Coeur d'Alene, ID 83815
208-762-2800 Fax 208-762-2819

The following application(s) have been filed to appropriate the public waters of the State of Idaho:

96-9510

AVISTA CORPORATION

PO BOX 3727

SPOKANE, WA 99220-3727

Point of Diversion NWSE S16 T57N R01E BONNER CO

Source GROUND WATER

Use: COMMERCIAL	01/01 to 12/31	0.26 CFS
Use: DOMESTIC	01/01 to 12/31	0.08 CFS
Use: FIRE PROTECTION	01/01 to 12/31	0.4 CFS
Use: INDUSTRIAL	01/01 to 12/31	0.26 CFS
Use: IRRIGATION	04/01 to 10/31	0.06 CFS
Total Diversion:		0.4 CFS

Date Filed: 2/12/2013

Place Of Use: DOMESTIC, INDUSTRIAL, COMMERCIAL

IRRIGATION and FIRE PROTECTION

T57N R01E S16 NWSE

Total Acres: 2

Domestic use is for 1 caretaker home and 6 camp sites.

Commercial and Industrial use for fire station and training area.

Permits will be subject to all prior water rights. For additional information concerning the property location, contact Northern Region office at (208) 762-2800. Protests may be submitted based on the criteria of Idaho Code § 42-203A. Any protest against the approval of this application must be filed with the Director, Dept. of Water Resources, Northern Region, 7600 Mineral Drive, Suite 100, Coeur D' Alene ID 83815 together with a protest fee of \$25.00 for each application on or before 3/25/2013. The protestant must also send a copy of the protest to the applicant.

GARY SPACKMAN, Director

Published on 3/7/2013 and 3/14/2013



State of Idaho

DEPARTMENT OF WATER RESOURCES

Northern Region, 7600 N. Mineral Drive, Suite 100 • Coeur d'Alene, Idaho 83815

Phone: (208) 762-2800 • Fax: (208) 762-2819 • Web Site: www.idwr.idaho.gov

C. L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Director

February 28, 2013

AVISTA CORPORATION
PO BOX 3727
SPOKANE, WA 99220-3727

Application For Permit No. 96-9510

Dear Applicant(s):

The Department of Water Resources has received your water right application. Please refer to the number referenced above in all future correspondence regarding this application.

A legal notice of the application has been prepared and is scheduled for publication in the BONNER COUNTY DAILY BEE on 3/7/2013 and 3/14/2013. Protests to this application may be submitted for a period ending ten (10) days after the second publication.

If the application is protested, you will be sent a copy of each protest. All protests must be resolved before the application can be considered for approval. If the protest(s) cannot be resolved voluntarily, the Department will conduct a conference and/or hearing on the matter.

If the application is not protested, the Department will process your application and notify you of any action taken on the application. If your application is approved, the Department will send you a copy of the permit.

Please contact this office if you have any questions regarding the application.

Sincerely,

Keith Franklin
Program Manager

Enc. Receipt copy N029645



February 11, 2013

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FEB 12 2013
IDWR / NORTH

Idaho Dept. of Water Resources
ATTN: Keith Franklin
7600 North Mineral Drive, Ste. 100
Coeur d'Alene, ID 83815-7763

RE: Water Right Applications for:

- (1) Trestle Creek Property - Ground Water System**
- (2) Post Falls – Falls Park Pond Water Supply**

Dear Keith,

Per our recent discussion, enclosed you will find two water right applications, along with associated maps and attachments. Included with the attachments for each application are the calculations that were used in developing the requested water supplies for each purpose of use listed. The two applications are for the following Avista Corporation properties and water supply systems:

- (1) Trestle Creek Property - Ground Water System, located within T57N, R1E, Sec. 16, NW¼SE¼,
And
- (2) Post Falls – Falls Park Pond Water Supply, located within T50N, R5W, Sec. 3, NE¼NW¼.

Also enclosed is a check in the amount of \$625.00 to cover the combined permit fees for the two applications, to be applied as follows:

(1) Trestle Creek Property – permit fees:	\$350.00
This fee includes: \$250.00 for water right permit fee, and a \$125.00 upgrade fee to the previously paid well driller's permit fee, from the original domestic fee (\$75.00 pd in 1997 by original owners) upgraded to the new 'non-domestic use, which fee is \$200.00 (\$200 - \$75 already pd = \$125.00 that was still owed.)	
(2) Post Falls – Falls Park Pond Water Supply - permit fee:	<u>\$250.00</u>
Total fee amount enclosed:	\$650.00

If you need any additional information, please call me at (509) 495-2571. Thank you.

Sincerely,

Linda M. Kiefer
Environmental Resource Specialist

Enclosures