

HEARING EXHIBIT LIST

IN THE MATTER OF APPLICATION FOR)
 PERMIT TO APPROPRIATE WATER)
 NO. 63-33321 IN THE NAME OF)
 ELK CREEK CORP)
 _____)

Beginning at 9:30 a.m.
November 8-9, 2011
 Hearing Officer: Shelley W. Keen

EXHIBIT NUMBER	EXHIBIT DESCRIPTION	STATUS OF	EVIDENCE
		INTRODUCED	ADMITTED
A-1	Terry Scardin's Info		X
A-2	Geology of Boise River Basin		X
A-3	Blow-up of A-2		X
A-4	AAP for Permit 63-33321	Already	admitted 2X
C	DEC Table of Contents for Public Drinking Systems		X
A-5	Table of well drillers info		X
A-6	Well Reports		X
A-7	Report for , Copy of Transfer , Claim documents		X
D	IDAPA 58.01.08 Rules	X	X
A-13	Certificate of Incorporation for Elk Creek		X
A-14	Elk Creek Warrants Deed		X
A-15	City of Idaho Letters Dated 12/10/09		X
A-16	City of Idaho Letters dated 10/31/11		X
A-24	Plot map of Northern Idaho City	X	
A-18	Idaho City Waterline Easement		X
A-17	Comments from trailer park Tenants	X	
A-20	Ordinance no. 3-2000		X

Principal Engineer
and Hydrogeologist

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

Experience Summary

Education

M.S., Geological Engineering
University of Idaho

B.S., Geological Engineering
University of Idaho

Professional Certification

Professional Engineer
Idaho No. 6266, 1990

Professional Geologist
Idaho No. 646, 1989
Oregon No. G1311, 1992

Certified Water Right Examiner
Idaho No. 11-129

Areas of Expertise

- Design, installation, and testing of high-capacity wells for irrigation, municipal, and industrial water supply
- Groundwater development studies
- Water rights

Mr. Scanlan has more than 25 years of professional experience in water supply consulting as an engineer and hydrogeologist. He has particular expertise in water rights, well and pumping system design, public drinking water systems, pressurized irrigation, and other water resource matters. Mr. Scanlan also has experience in geothermal resource development, mining-related environmental studies, ground water drainage investigations, soils investigations, geologic mapping, and wastewater land application projects. He has served as Chairman of the Idaho Board of Registration for Professional Geologists. Mr. Scanlan is a Certified Water Right Examiner in Idaho.

SPF Water Engineering, LLC—2004 to present

Mr. Scanlan is currently a Principal Engineer and Hydrogeologist with SPF Water Engineering, LLC. SPF Water Engineering, LLC, was formed from Scanlan Engineering in March 2004 to provide a wider range of water resource engineering services. Since joining SPF, Mr. Scanlan has continued his practice of water resource consulting and engineering.

Scanlan Engineering—1994 to 2004

Mr. Scanlan formed Scanlan Engineering in 1994 to provide engineering and hydrogeologic consulting to public and private clients. Scanlan Engineering provided water resource consulting services to more than 300 clients, primarily in southwest Idaho. Mr. Scanlan also served as a subconsultant on water supply projects for numerous engineering firms in Idaho.

Montgomery Watson—1986 to 1993

Prior to forming Scanlan Engineering in 1994, Mr. Scanlan worked as a supervising hydrogeologist for Montgomery Watson in Boise, Idaho. He managed and conducted investigations related to ground water development and ground water contamination at locations throughout the western United States.

U.S. Geological Survey—1984 to 1986

Mr. Scanlan was employed by the U.S. Geological Survey as a field assistant in the geologic division prior to joining Montgomery Watson in 1986. Responsibilities included geologic mapping, landslide hazard evaluation, and mineral potential studies. Mr. Scanlan worked on the Challis and Hailey 2° Quadrangle CUSMAP programs.

Relevant Water Supply Project Experience

- Ground water development projects at more than 100 sites in Idaho for public and private water utilities, subdivisions, schools, and industries, including production well and pump design, aquifer pumping tests, exploration drilling programs, and ground water development studies.
- Design, construction monitoring, and testing of hydronic production and injection well systems for heating and cooling purposes at Idaho Water Center (Boise), Whitney Elementary School (Boise), and the Oregon National Guard Ontario Readiness Center.
- Design, construction monitoring, and testing of four 1,000- to 1,200-foot, high-capacity, industrial water supply wells and pump systems for Micron Technology in Boise, Idaho.
- Lead consultant to Micron Technology for the Boise River water supply and aquifer recharge project. Mr. Scanlan provided consulting services involving water rights, a nominal 25,000-gpm pump station, 3 miles of 24-inch and 30-inch pipeline, an ultra-filtration membrane water treatment system, and a nominal 4-MGD injection well for recharge purposes.
- Irrigation well and pump system design, surface water pump system design, construction monitoring, and well testing at municipal parks in Boise, Idaho. These projects included work on approximately 80 well and pump systems, including design and construction of more than 25 new well or surface water pumping systems.
- Design, permitting, and construction inspection of well pump systems and well houses for Capitol Water Corporation in Boise, Idaho. Mr. Scanlan also provided consulting services related to ASR and water rights.
- Design, construction, and testing of salt water production wells for large-scale aquarium projects in Guam and Taiwan.
- Evaluation of ground water potential for snowmaking supplies at Sun Valley and Bogus Basin ski areas and design and testing of the water supply well for the snowmaking system at Sun Valley.
- Evaluation and testing of infiltration galleries and Ranney Collectors at Sequim, Washington (horizontal gallery, Dungeness River), Irrigon, Oregon (four Ranney Collectors, Columbia River), and Boise, Idaho (three Ranney Collectors, Boise River).
- Ground water development studies, well construction, and aquifer testing for fish hatchery projects in the Columbia, Umatilla, Walla Walla, Imnaha, and Grand Ronde river basins of Oregon for the Bonneville Power Administration. These projects included test well drilling and aquifer tests at ten locations, with well construction in alluvial and basalt aquifers.
- Production well design and testing at the Upper Pahsimeroi Fish Hatchery for Idaho Power Company.

- Design of the domestic supply, mine-pit dewatering, and industrial supply wells for the Beartrack mining project at Leesburg, Idaho.
- Resident geologist during drilling and completion of a 3,015-foot water supply well at Wright, Wyoming.
- Water master plan for the 3600-acre City of Boise Twenty Mile South Farm. The master plan included reconfiguration of water rights, development of additional irrigated lands, design of two large-capacity irrigation wells, and design of a 500-hp variable speed deep well turbine pump system.

Relevant Water Rights Experience

- Preparation of hundreds of water right applications (transfers, amendments, permits, claims) for public and private clients in Idaho. Since 2004, Mr. Scanlan and SPF staff have been involved in more than 150 projects involving water rights for more than 100 different clients.
- Evaluation of surface water and ground water interactions, well interference, irrigation development, and consumptive water use related to water right transfers in the Boise Valley, Wood River Valley, Mud Lake, Magic Valley, Big Lost River, and Little Lost River areas of Idaho.
- Evaluation and measurement of flow from springs involved in water right disputes along the Snake River near Twin Falls and Hagerman, Idaho.
- Investigations related to Snake River Basin Adjudication claims, including calculation of irrigation requirements and seepage losses, measurement of irrigation diversion rates, and determination of historically irrigated areas.
- Expert witness testimony regarding water use, well interference, and the interaction of surface water and ground water for numerous clients in southern and central Idaho.
- Evaluation of irrigation diversions, natural flow, return flow, and storage accounting on the Payette River system for the Payette Water Users Association.
- Evaluation of Federal and Tribal in-stream flow and spring claims in the Snake and Salmon River Basins.
- Preparation of mitigation plans to allow ground water diversions for irrigation and industrial use in moratorium areas or ground water management areas in the Boise and Snake River Basins.

Relevant Geothermal Resource Development Experience

- Construction monitoring for drilling and hydraulic fracturing of a 2,300-foot geothermal injection well for the Veterans Administration Medical Center in Boise, Idaho.
- Project manager for detailed study of the Boise Front Geothermal Aquifer for the city of Boise and Boise Warm Springs Water District.

The study included computer modeling of hydraulic and thermal impacts of increased geothermal fluid production and spent fluid injection. Mr. Scanlan served as project manager for design, construction, and testing of a 3,200-foot geothermal injection well for the city.

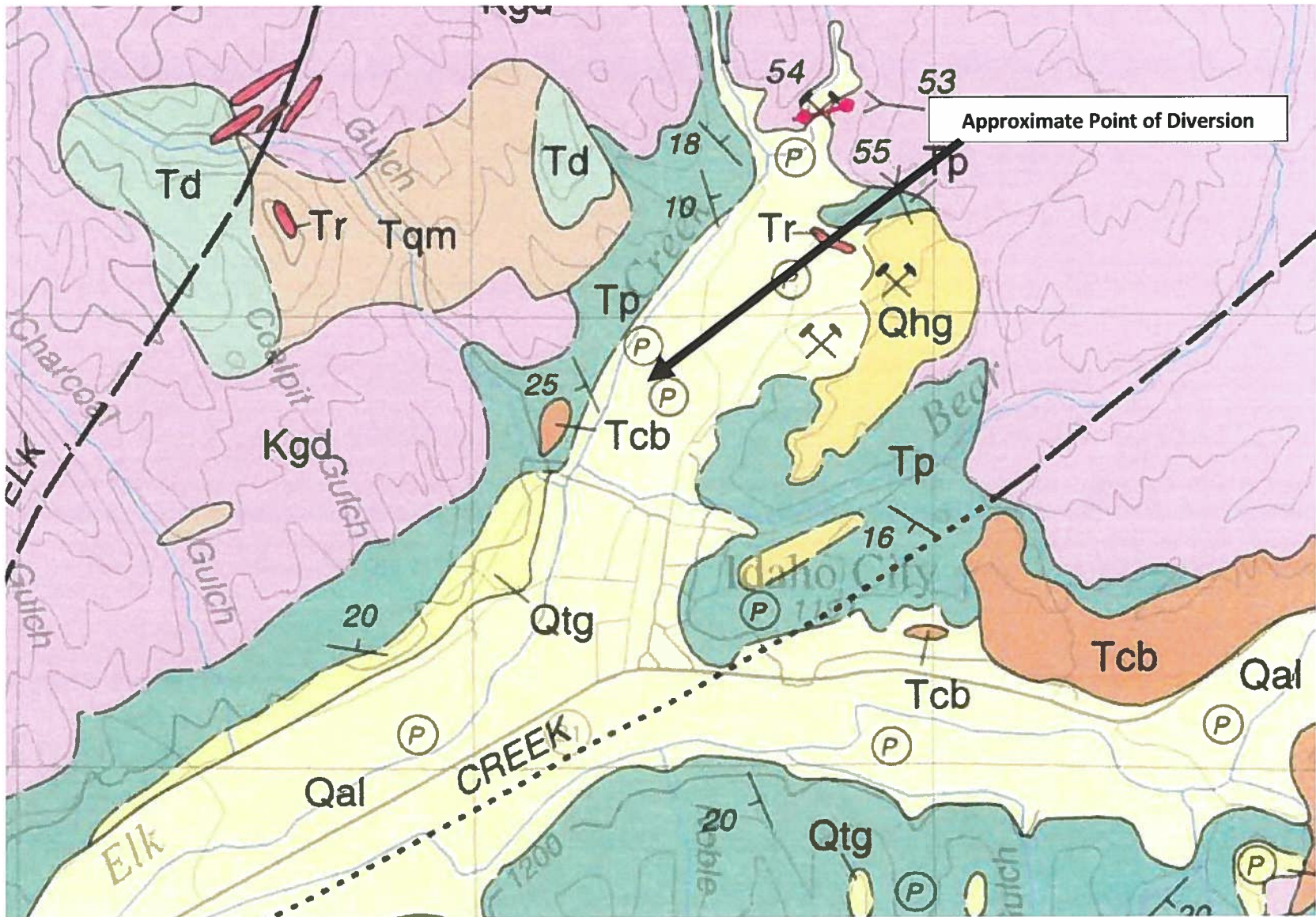
- Aquifer testing and high-capacity variable-speed pump system design for deep geothermal space-heating wells at the College of Southern Idaho.
- Geothermal aquifer investigations, well testing, production well and pump design, and water level monitoring for J.R. Simplot Company at aquaculture facilities in Caldwell and Grand View, Idaho.

Professional Affiliations

Idaho Association of Professional Geologists

National Ground Water Association

Idaho Ground Water Association



Elk Creek Corporation - Local Geology

EXHIBIT
A-3

Admitted

Admitted

Ident. No. _____

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

1. Name of applicant(s) EIK Creek Corp. Phone 392-4941
 Name connector (check one): ☐ and ☐ or ☐ and/or
 Mailing address: PO Box 401 City Idaho City
 State ID Zip 83631 Email: _____
2. Source of water supply Groundwater which is a tributary of _____
3. Location of point(s) of diversion:

Twp	Rge	Sec	Govt Lot	1/4	1/4	1/4	County	Source	Local name or tag #
06N	05E	26			NE	NW	Boise	Groundwater	

4. Water will be used for the following purposes:

Amount 0.2 cfs for Domestic purposes from 1/1 to 12/31 (both dates inclusive)
 (cfs or acre-feet per year)

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

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

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

5. Total quantity to be appropriated is (a) 0.2 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. _____
- 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.
- 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? _____
- e. If well is already drilled, when? _____; drilling firm Well not drilled;
 Well was drilled for (well owner) _____; Drilling Permit No. _____

7. Time required for completion of works and application of water to proposed beneficial use is 5 years (minimum 1 year).

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

- a. Hydropower; show total feet of head and proposed capacity in kW. _____
- b. Stockwatering; list number and kind of livestock. _____
- c. Municipal; show name of municipality or the applicant's qualifications as a municipal provider. _____
- d. Domestic; show number of households. 141 households
- e. Other; describe fully. _____

EXHIBIT

tabbles

A-4

9. Description of place of use:

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

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

TWP	RGE	SEC	NE				NW				SW				SE				TOTALS
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
06N	05E	26					D												

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? _____

11. a. Who owns the property at the point of diversion? Applicant
b. Who owns the land to be irrigated or place of use? Applicant
c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing: _____

12. Describe your proposal in narrative form, and provide additional explanation for any of the items above. Attach additional pages if necessary. Drill well & serve 14 mobile home hook-ups to have ability to disconnect from Idaho City water service.

13. **MAP OF PROPOSED PROJECT REQUIRED** - Attach an 8½"x11" map clearly identifying the proposed point of diversion, place of use, section #, township & range. A photocopy of a USGS 7.5 minute topographic quadrangle map is preferred.

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.

[Signature]
Signature of Applicant

Grant Hawk For Elk Creek Corp.
Print Name (and title, if applicable)

Signature of Applicant

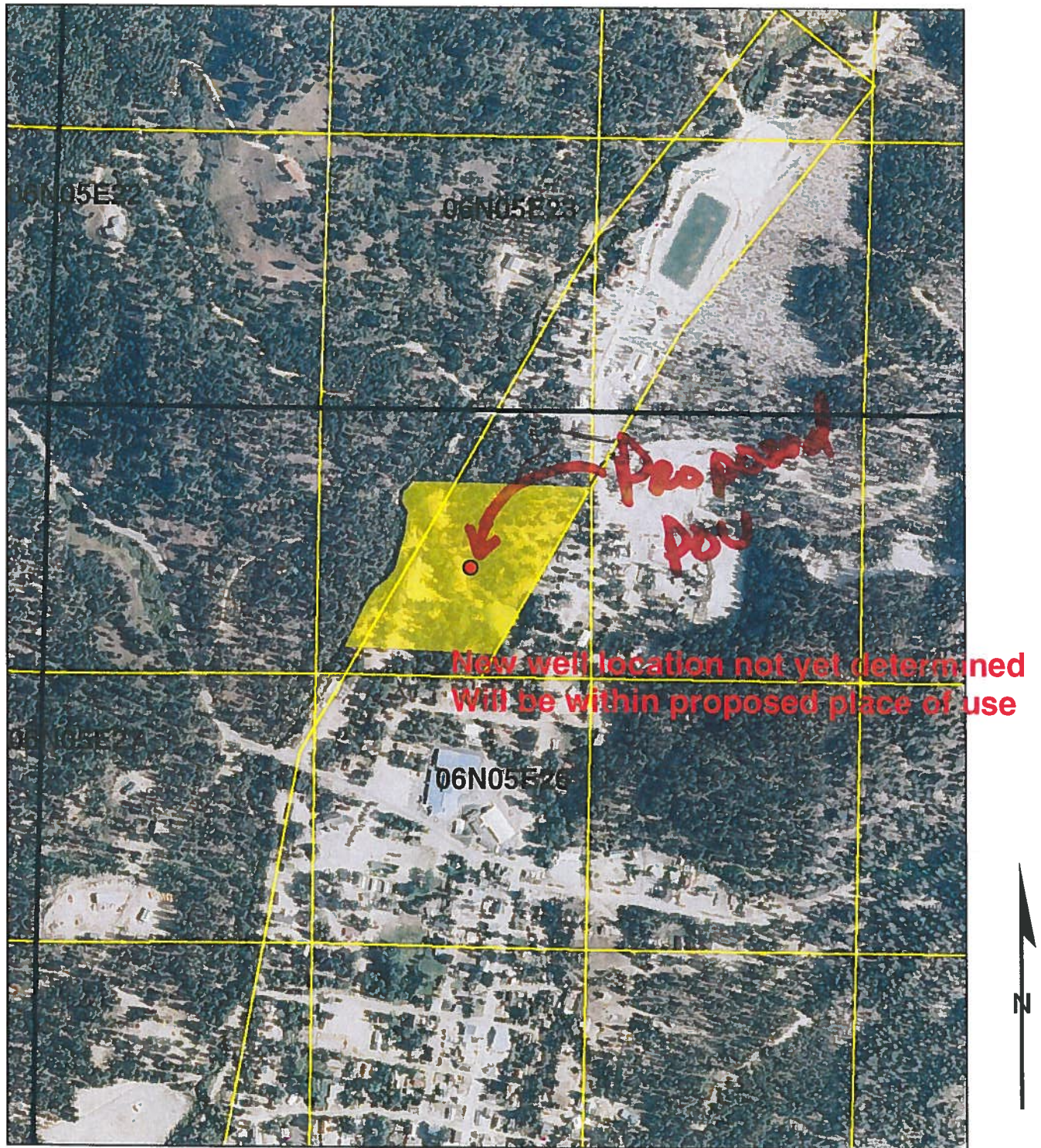
Print Name (and title, if applicable)

For Department Use:

Received by _____ Date _____ Time _____ Preliminary check by _____

Fee \$ _____ Received by _____ Receipt No. _____ Date _____

Map of Proposed Project

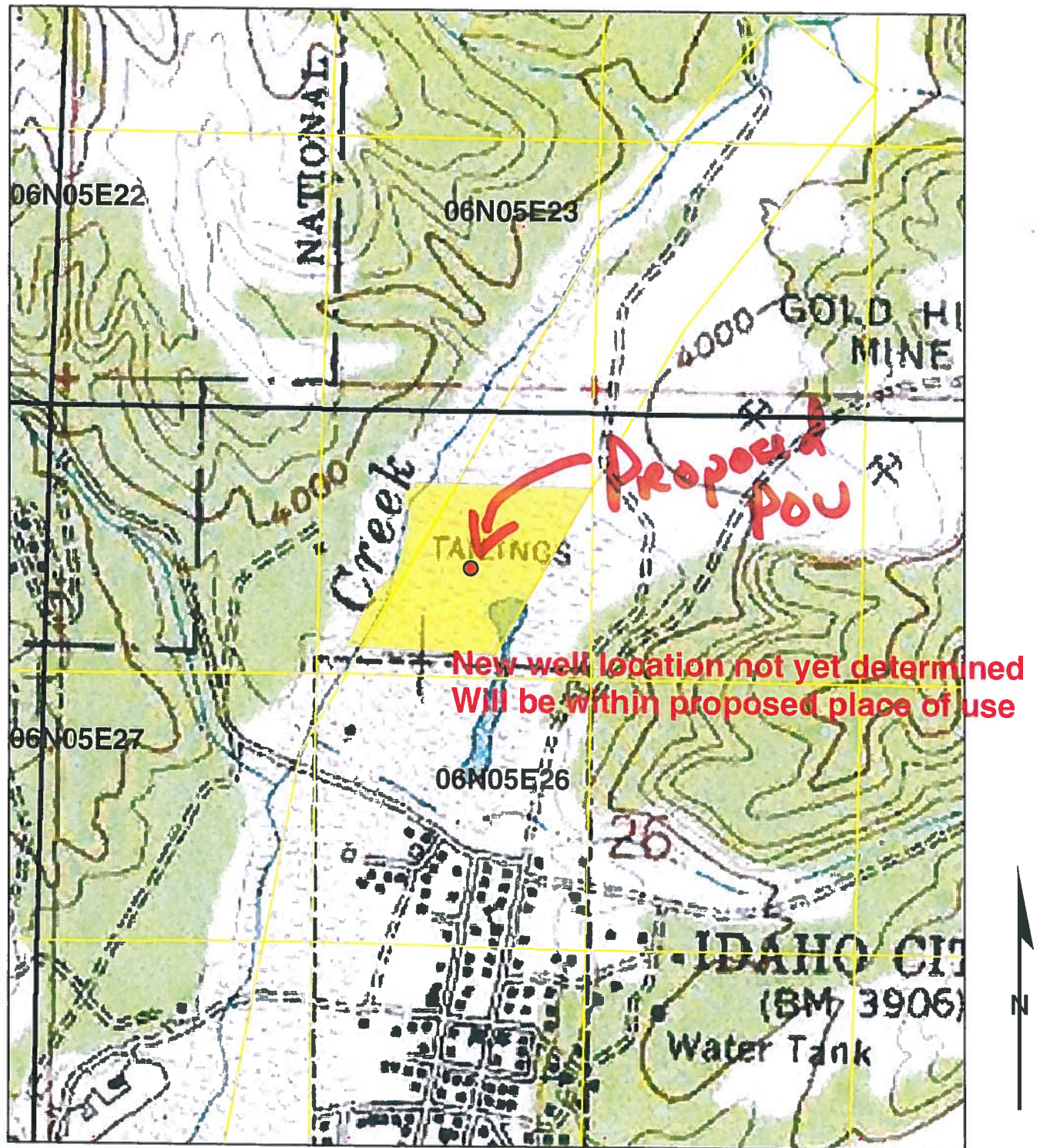


Legend

-  place_of_use
-  Township/Range
-  Sections
-  QQ

0 0.1 0.2 0.4 Miles

Map of Proposed Project



Legend

-  place_of_use
-  Township/Range
-  Sections
-  QQ

0 0.1 0.2 0.4 Miles

Listing of Driller Reports for Sections 23 and 26, T6N, R5E

Source: <http://www.idwr.idaho.gov/apps/appswell/searchWC.asp>

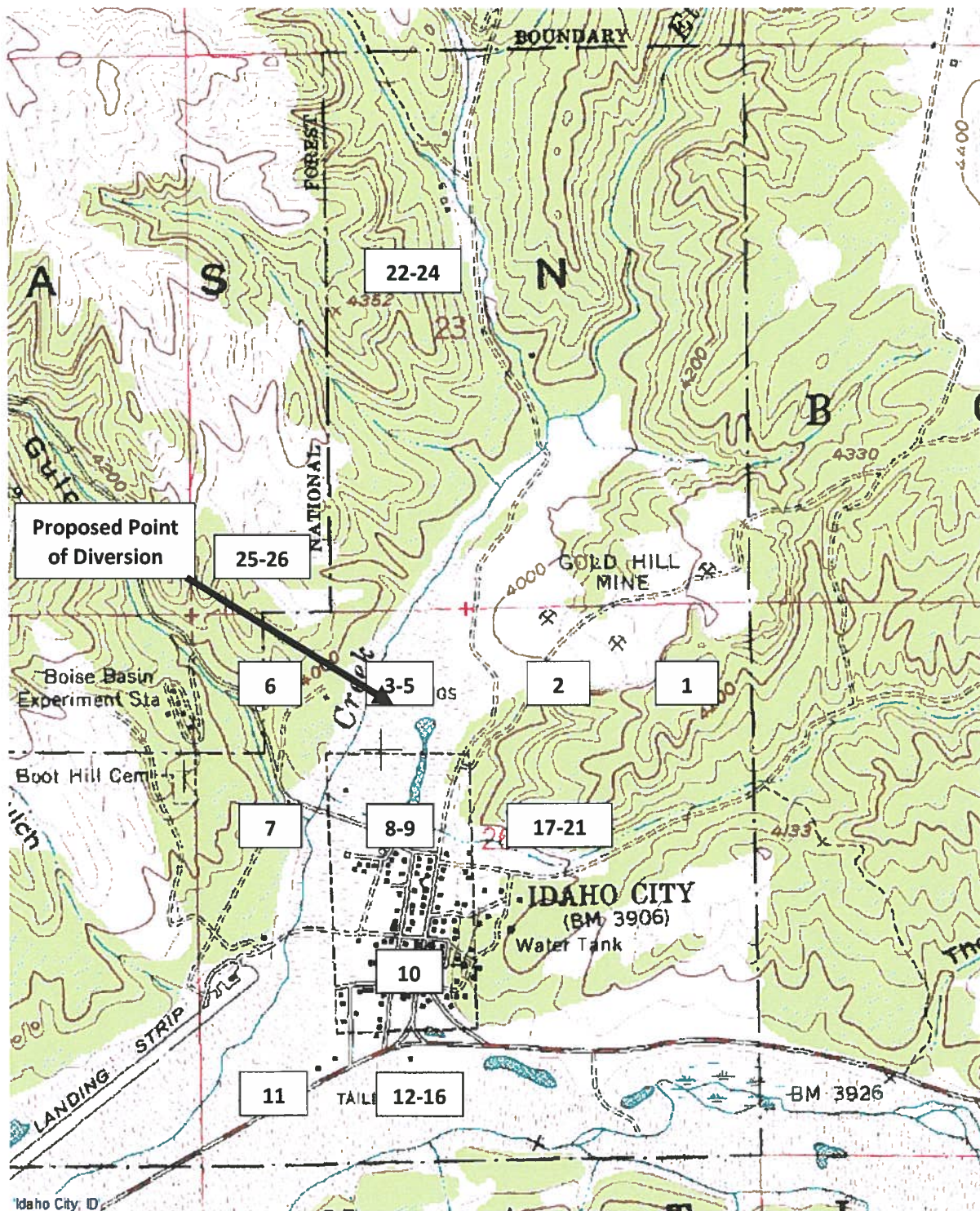
Map No.	Contact	Use	Section	Tract	Well Address	Gallons Per Minute	Static Water Level	Total Depth	Casing Depth	Casing Diameter	Construction Date
1	JEWELL, TED	Domestic	26	NENE		25	6	175			6/5/1980
2	KUWAHARA, LYNN	Domestic	26	NWNE	MAIN ST	72	12	106	18	6	10/13/1995
3	SCHILLING, CHRISTINE HENDERSON	Domestic	26	NENW	RD TO PLACEVILLE BY ELK CK	0	Above Ground Level	130	119	6	4/27/1995
4	BREIDING, PATTI JO, WILSON, BETH A	Domestic	26	NENW	#20 PROFFER LN; OFF CENTERVILLE RD, PAST BUENO VISTA ON THE RIGHT	15	182	380	335	6	9/7/2005
5	SPARKS, MILTON H	Municipal	26	NENW				250			8/20/1973
6	BREIDING, PATTI JO, WILSON, BETH A	Domestic	26	NWNW		0	0	0			
7	HARPER, WILLIAM	Domestic	26	SWNW	UNKNOWN	20	85	182		6	5/23/1979
8	FLACK, FORREST	Domestic	26	SENW		10	40	110			4/3/1990
9	CANADY, JIM	Domestic	26	SENW		14	15	100	99	6	8/3/2001
10	SMITH, KENNETH R	Domestic	26	NESW	210 W WALLULU ST: APPROX	20	12	103	90	6	8/25/1994
11	KUWAHARA, LYNN	Domestic	26	SWSW	HWY 21, 1/4 MI WEST OF IDAHO CITY	10	12	149	144	6	10/15/1996
12	ESCO INC, ESTO INC	Domestic	26	SESW	NOT GIVEN		0	100		6	10/12/2006
13	COONS, JACK	Domestic	26	SESW	1/4 MILE SOUTH OF HWY 21, RIGHT IN IDAHO CITY	15	18	90	74	6	12/24/1994
14	ESCO INC, ESTO INC	Domestic, Industrial	26	SESW	NOT GIVEN		0	100		6	11/5/1975
15	SECOR, GARY T	Domestic	26	SESW	HWY 21 AND MAIN ST	250	5	385	190	8	4/6/1992
16	SECOR, GARY T	Domestic	26	SESW	HWY 21 & MAIN	22	6	165	160	8	11/12/1991
17	SHANHAN, RUTH	Domestic	26	NWSE		31	2	61	58	6	2/10/1992
18	PELLETIER, CHUCK	Domestic	26	NWSE		7	40	117	100	6	12/2/1991
19	PELLETIER, CHUCK	Domestic	26	NWSE		15	40	60	62	6	10/5/1989
20	PELLETIER, CHUCK	Domestic	26	NWSE	OFF HIGHWAY 21	4	60	167	120	6	6/15/1993
21	PELLETIER, ANNE	Domestic	26	NWSE	#16 ELKHORN LN	7	65	118	78	6	6/15/1999
22	CULVER, ALICE ANN MORRIS	Domestic	23	SENW	1 1/2 MILES EAST OF HIGHWAY 21 AND MAIN ON ELK CREEK	2	20	400	399	6	11/30/2007
23	CULVER, ALICE ANN MORRIS	Domestic	23	SENW	1 1/2 MILES WEST OF HIGHWAY 21 & MAIN ON RIGHT SIDE OF ELK CREEK	1.5	0	320	320	6	3/26/2007
24	CULVER, ALICE ANN MORRIS	Domestic	23	SENW	1 1/2 MILES EAST OF HIGHWAY 21 AND MAIN ON ELK CREEK	2	20	400	399	6	10/23/2006
25	STEVENS, FRIEDA L, STEVENS, JEFFREY S	Domestic	23	SWSW	1 MI UP ELK CK RD FROM INTERSECTION WITH HWY 21	5	55	112	104	6	7/9/1996
26	STEVENS, BONITA J, STEVENS, CHARLES M	Domestic	23	SWSW	1/4 MILE UP MAIN ST OF IDCITY TO ELK CK RD, 1/4 MI UP RD	0.25	67	246	22	6	11/3/1995

tabbles

A-5

EXHIBIT

Admitted

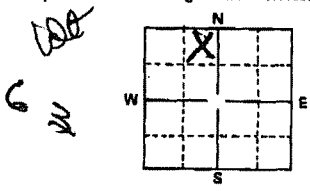


**Section 23 and 26 Well Driller's Report Locations
(based on ¼ ¼ descriptions listed on reports)**

WELL DRILLER'S REPORT

State law requires that this report be filed with the Director, Department of Water Administration within 30 days after the completion or abandonment of the well.

Received
12-17-73
10 WAD

1. WELL OWNER Name <u>Milton Sparks</u> Address <u>Idaho City</u> Owner's Permit No. _____		7. WATER LEVEL Static water level _____ feet below land surface Flowing? ☐ Yes ☒ No G.P.M. flow _____ Temperature _____ ° F. Quality _____ Artesian closed-in pressure _____ p.s.i. Controlled by ☐ Valve ☐ Cap ☐ Plug																																																																																																											
2. NATURE OF WORK ☒ New well ☐ Deepened ☐ Replacement ☐ Abandoned (describe method of abandoning) _____		8. WELL TEST DATA ☒ Pump ☐ Bailer ☐ Other <table border="1"><thead><tr><th>Discharge G.P.M.</th><th>Draw Down</th><th>Hours Pumped</th></tr></thead><tbody><tr><td>30</td><td></td><td>6</td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr></tbody></table>		Discharge G.P.M.	Draw Down	Hours Pumped	30		6																																																																																																				
Discharge G.P.M.	Draw Down	Hours Pumped																																																																																																											
30		6																																																																																																											
3. PROPOSED USE ☐ Domestic ☐ Irrigation ☐ Test ☒ Municipal ☐ Industrial ☐ Stock		9. LITHOLOGIC LOG 39410 <table border="1"><thead><tr><th rowspan="2">Hole Diam.</th><th colspan="2">Depth</th><th rowspan="2">Material</th><th colspan="2">Water</th></tr><tr><th>From</th><th>To</th><th>Yes</th><th>No</th></tr></thead><tbody><tr><td>2</td><td>0</td><td>25</td><td>Goldhill tailings</td><td>X</td><td></td></tr><tr><td>2</td><td>25</td><td>33</td><td>Blue sandy clay</td><td>/</td><td></td></tr><tr><td>2</td><td>33</td><td>43</td><td>sand and gravel</td><td>/</td><td></td></tr><tr><td>2</td><td>43</td><td>51</td><td>Blue sandy clay</td><td>/</td><td></td></tr><tr><td>2</td><td>51</td><td>95</td><td>Brown " "</td><td>/</td><td></td></tr><tr><td>2</td><td>95</td><td>108</td><td>Brown sandy clay</td><td>/</td><td></td></tr><tr><td>2</td><td>108</td><td>109</td><td>sand</td><td>/</td><td></td></tr><tr><td>2</td><td>109</td><td>145</td><td>Blue sandy clay</td><td>/</td><td></td></tr><tr><td>2</td><td>145</td><td>165</td><td>Caving Brown sandy clay</td><td>/</td><td></td></tr><tr><td>2</td><td>165</td><td>175</td><td>Blue sandy clay</td><td>/</td><td></td></tr><tr><td>2</td><td>175</td><td>193</td><td>White sandy clay</td><td>/</td><td></td></tr><tr><td>2</td><td>193</td><td>206</td><td>Blue</td><td>/</td><td></td></tr><tr><td>2</td><td>206</td><td>215</td><td>Brown sandy clay</td><td>/</td><td></td></tr><tr><td>2</td><td>215</td><td>233</td><td>Blue</td><td>/</td><td></td></tr><tr><td>2</td><td>233</td><td>240</td><td>Brown sandy clay</td><td>/</td><td></td></tr><tr><td>2</td><td>240</td><td></td><td>Blue " "</td><td>/</td><td></td></tr></tbody></table>		Hole Diam.	Depth		Material	Water		From	To	Yes	No	2	0	25	Goldhill tailings	X		2	25	33	Blue sandy clay	/		2	33	43	sand and gravel	/		2	43	51	Blue sandy clay	/		2	51	95	Brown " "	/		2	95	108	Brown sandy clay	/		2	108	109	sand	/		2	109	145	Blue sandy clay	/		2	145	165	Caving Brown sandy clay	/		2	165	175	Blue sandy clay	/		2	175	193	White sandy clay	/		2	193	206	Blue	/		2	206	215	Brown sandy clay	/		2	215	233	Blue	/		2	233	240	Brown sandy clay	/		2	240		Blue " "	/	
Hole Diam.	Depth		Material		Water																																																																																																								
	From	To		Yes	No																																																																																																								
2	0	25	Goldhill tailings	X																																																																																																									
2	25	33	Blue sandy clay	/																																																																																																									
2	33	43	sand and gravel	/																																																																																																									
2	43	51	Blue sandy clay	/																																																																																																									
2	51	95	Brown " "	/																																																																																																									
2	95	108	Brown sandy clay	/																																																																																																									
2	108	109	sand	/																																																																																																									
2	109	145	Blue sandy clay	/																																																																																																									
2	145	165	Caving Brown sandy clay	/																																																																																																									
2	165	175	Blue sandy clay	/																																																																																																									
2	175	193	White sandy clay	/																																																																																																									
2	193	206	Blue	/																																																																																																									
2	206	215	Brown sandy clay	/																																																																																																									
2	215	233	Blue	/																																																																																																									
2	233	240	Brown sandy clay	/																																																																																																									
2	240		Blue " "	/																																																																																																									
4. METHOD DRILLED ☒ Cable ☐ Rotary ☐ Dug ☐ Other																																																																																																													
5. WELL CONSTRUCTION Diameter of hole <u>8</u> inches Total depth <u>250</u> feet Casing schedule: ☒ Steel ☐ Concrete <table border="1"><thead><tr><th>Thickness</th><th>Diameter</th><th>From</th><th>To</th></tr></thead><tbody><tr><td>2.50 inches</td><td>8 inches</td><td>+ 3 feet</td><td>40 feet</td></tr><tr><td>2.50 inches</td><td>5 inches</td><td>+ 14 feet</td><td>104 feet</td></tr><tr><td>2.50 inches</td><td>5 inches</td><td>111 feet</td><td>132 feet</td></tr><tr><td>2.50 inches</td><td>5 inches</td><td>139 feet</td><td>160 feet</td></tr><tr><td>2.50 inches</td><td>5 inches</td><td>166 feet</td><td>187 feet</td></tr></tbody></table> Was a packer or seal used? ☒ Yes ☐ No Perforated? ☒ Yes ☐ No How perforated? ☐ Factory ☐ Knife ☒ Torch Size of perforation <u>0.04</u> inches by <u>4</u> inches <table border="1"><thead><tr><th>Number</th><th>From</th><th>To</th></tr></thead><tbody><tr><td>168 perforations</td><td>104 feet</td><td>110 feet</td></tr><tr><td>168 perforations</td><td>132 feet</td><td>139 feet</td></tr><tr><td>144 perforations</td><td>160 feet</td><td>166 feet</td></tr></tbody></table> Well screen installed? ☐ Yes ☒ No Manufacturer's name _____ Type _____ Model No. _____ Diameter _____ Slot size _____ Set from _____ feet to _____ feet Diameter _____ Slot size _____ Set from _____ feet to _____ feet Gravel packed? ☒ Yes ☐ No Size of gravel <u>#40</u> Placed from <u>0</u> feet to <u>250</u> feet Surface seal? ☒ Yes ☐ No To what depth <u>40</u> feet Material used in seal ☐ Cement grout ☒ Puddling clay		Thickness	Diameter	From	To	2.50 inches	8 inches	+ 3 feet	40 feet	2.50 inches	5 inches	+ 14 feet	104 feet	2.50 inches	5 inches	111 feet	132 feet	2.50 inches	5 inches	139 feet	160 feet	2.50 inches	5 inches	166 feet	187 feet	Number	From	To	168 perforations	104 feet	110 feet	168 perforations	132 feet	139 feet	144 perforations	160 feet	166 feet																																																																								
Thickness	Diameter	From	To																																																																																																										
2.50 inches	8 inches	+ 3 feet	40 feet																																																																																																										
2.50 inches	5 inches	+ 14 feet	104 feet																																																																																																										
2.50 inches	5 inches	111 feet	132 feet																																																																																																										
2.50 inches	5 inches	139 feet	160 feet																																																																																																										
2.50 inches	5 inches	166 feet	187 feet																																																																																																										
Number	From	To																																																																																																											
168 perforations	104 feet	110 feet																																																																																																											
168 perforations	132 feet	139 feet																																																																																																											
144 perforations	160 feet	166 feet																																																																																																											
6. LOCATION OF WELL Sketch map location must agree with written location.  County <u>Boise</u> <u>NE 1/4 NW 1/4 Sec. 26, T. 6 N., R. 5 E.</u>		10. Work started <u>July 25-73</u> finished <u>Aug 20-73</u>																																																																																																											
		11. DRILLER'S CERTIFICATION This well was drilled under my supervision and this report is true to the best of my knowledge. <u>Engleman Well Drill.</u> 47 Driller's Firm's Name Number <u>1309 Gand - Boise, Idaho</u> Address <u>R. Engleman</u> Sept. 1-73 Signed by Date																																																																																																											

State law requires that this report be filed with the Director, Department of Water Administration within 30 days after the completion or abandonment of the well.

FORWARD THE WHITE, BLUE, AND PINK COPIES TO THE DEPARTMENT

AUG 24 2001
Form 238ES
WATER RESOURCES
WESTERN REGION

770297

Office Use Only

Inspected by _____

Twp _____ Rge _____ Sec _____

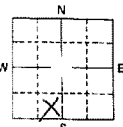
_____ 1/4 _____ 1/4 _____ 1/4

Lat: : Long: : :

Date: 8/20/01 Time:3:58 PM

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORTUSE TYPEWRITER OR
BALLPOINT PENState law requires that this report be filed with the Director, Department of Water Resources
within 30 days after the completion or abandonment of the well.

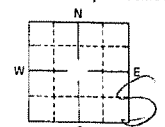
725460 pg. 1 of 2

1. WELL OWNER Name <u>Gary T. Secor</u> Address <u>P.O. Box 327</u> <u>Idaho City, ID 83631</u> Drilling Permit No. <u>63-92-W-145</u> Water Right Permit No. _____	7. WATER LEVEL Static water level <u>5</u> feet below land surface. Flowing? ☐ Yes ☒ No G.P.M. flow _____ Artesian closed-in pressure _____ p.s.i. Controlled by: ☐ Valve ☐ Cap ☐ Plug Temperature _____ °F. Quality _____ Describe artesian or temperature zones below.																																																																																																																																																																																																																																		
2. NATURE OF WORK ☒ New well ☐ Deepened ☐ Replacement ☐ Well diameter increase ☐ Modification ☐ Abandoned (describe abandonment or modification procedures such as liners, screen, materials, plug depths, etc. in lithologic log, section 9.)	8. WELL TEST DATA ☒ Pump ☐ Bailer ☒ Air ☐ Other _____ <table border="1"><thead><tr><th>Discharge G.P.M.</th><th>Pumping Level</th><th>Hours Pumped</th></tr></thead><tbody><tr><td><u>250</u></td><td><u>100</u></td><td><u>7</u></td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr></tbody></table>	Discharge G.P.M.	Pumping Level	Hours Pumped	<u>250</u>	<u>100</u>	<u>7</u>																																																																																																																																																																																																																												
Discharge G.P.M.	Pumping Level	Hours Pumped																																																																																																																																																																																																																																	
<u>250</u>	<u>100</u>	<u>7</u>																																																																																																																																																																																																																																	
3. PROPOSED USE ☒ Domestic ☐ Irrigation ☐ Monitor ☐ Industrial ☐ Stock ☐ Waste Disposal or Injection ☐ Other _____ (specify type)	9. LITHOLOGIC LOG <table border="1"><thead><tr><th rowspan="2">Bore Diam.</th><th colspan="2">Depth</th><th rowspan="2">Material</th><th colspan="2">Water</th></tr><tr><th>From</th><th>To</th><th>Yes</th><th>No</th></tr></thead><tbody><tr><td>12"</td><td>0</td><td>7</td><td>Topsoil & boulders</td><td></td><td></td></tr><tr><td>12"</td><td>7</td><td>35</td><td>White Sand</td><td></td><td></td></tr><tr><td>12"</td><td>35</td><td>40</td><td>Gray Clay & Claystone</td><td></td><td></td></tr><tr><td>8"</td><td>40</td><td>45</td><td>" "</td><td></td><td></td></tr><tr><td>8"</td><td>45</td><td>46</td><td>Granite</td><td></td><td></td></tr><tr><td>8"</td><td>46</td><td>80</td><td>Gray Clay</td><td></td><td></td></tr><tr><td>8"</td><td>80</td><td>82</td><td>Granite Sand</td><td></td><td></td></tr><tr><td>8"</td><td>82</td><td>95</td><td>Brown clay stone</td><td></td><td></td></tr><tr><td>8"</td><td>95</td><td>97</td><td>Granite Sand</td><td></td><td></td></tr><tr><td>8"</td><td>97</td><td>115</td><td>Clay Stone</td><td></td><td></td></tr><tr><td>6"</td><td>115</td><td>119</td><td>Granite Sand</td><td></td><td></td></tr><tr><td>6"</td><td>119</td><td>135</td><td>Blue clay stone</td><td></td><td></td></tr><tr><td>6"</td><td>135</td><td>140</td><td>Granite Sand</td><td></td><td></td></tr><tr><td>6"</td><td>140</td><td>160</td><td>Sand & clay strips</td><td></td><td></td></tr><tr><td>6"</td><td>160</td><td>185</td><td>Blue Clay</td><td></td><td></td></tr><tr><td>6"</td><td>185</td><td>193</td><td>Gray Clay</td><td></td><td></td></tr><tr><td>6"</td><td>193</td><td>195</td><td>Sand</td><td></td><td></td></tr><tr><td>6"</td><td>195</td><td>205</td><td>Gray Clay</td><td></td><td></td></tr><tr><td>6"</td><td>205</td><td>207</td><td>Sand</td><td></td><td></td></tr><tr><td>6"</td><td>207</td><td>225</td><td>Gray Clay</td><td></td><td></td></tr><tr><td>6"</td><td>225</td><td>236</td><td>Sand</td><td></td><td></td></tr><tr><td>6"</td><td>236</td><td>243</td><td>Brown clay</td><td></td><td></td></tr><tr><td>6"</td><td>243</td><td>244</td><td>Sand</td><td></td><td></td></tr><tr><td>6"</td><td>244</td><td>250</td><td>Brown clay</td><td></td><td></td></tr><tr><td>6"</td><td>250</td><td>253</td><td>Sand</td><td></td><td></td></tr><tr><td>6"</td><td>253</td><td>265</td><td>Gray clay</td><td></td><td></td></tr><tr><td>6"</td><td>265</td><td>266</td><td>Sand</td><td></td><td></td></tr><tr><td>6"</td><td>266</td><td>302</td><td>Gray clay</td><td></td><td></td></tr><tr><td>6"</td><td>302</td><td>304</td><td>Sand</td><td></td><td></td></tr><tr><td>6"</td><td>304</td><td>310</td><td>Clay</td><td></td><td></td></tr><tr><td>6"</td><td>310</td><td>312</td><td>Sand</td><td></td><td></td></tr><tr><td>6"</td><td>312</td><td>315</td><td>Clay</td><td></td><td></td></tr><tr><td>6"</td><td>315</td><td>317</td><td>Sand</td><td></td><td></td></tr><tr><td>6"</td><td>317</td><td>323</td><td>Clay</td><td></td><td></td></tr><tr><td>6"</td><td>323</td><td>324</td><td>Sand</td><td></td><td></td></tr><tr><td>6"</td><td>324</td><td>328</td><td>Clay</td><td></td><td></td></tr></tbody></table>	Bore Diam.	Depth		Material	Water		From	To	Yes	No	12"	0	7	Topsoil & boulders			12"	7	35	White Sand			12"	35	40	Gray Clay & Claystone			8"	40	45	" "			8"	45	46	Granite			8"	46	80	Gray Clay			8"	80	82	Granite Sand			8"	82	95	Brown clay stone			8"	95	97	Granite Sand			8"	97	115	Clay Stone			6"	115	119	Granite Sand			6"	119	135	Blue clay stone			6"	135	140	Granite Sand			6"	140	160	Sand & clay strips			6"	160	185	Blue Clay			6"	185	193	Gray Clay			6"	193	195	Sand			6"	195	205	Gray Clay			6"	205	207	Sand			6"	207	225	Gray Clay			6"	225	236	Sand			6"	236	243	Brown clay			6"	243	244	Sand			6"	244	250	Brown clay			6"	250	253	Sand			6"	253	265	Gray clay			6"	265	266	Sand			6"	266	302	Gray clay			6"	302	304	Sand			6"	304	310	Clay			6"	310	312	Sand			6"	312	315	Clay			6"	315	317	Sand			6"	317	323	Clay			6"	323	324	Sand			6"	324	328	Clay		
Bore Diam.	Depth		Material	Water																																																																																																																																																																																																																															
	From	To		Yes	No																																																																																																																																																																																																																														
12"	0	7	Topsoil & boulders																																																																																																																																																																																																																																
12"	7	35	White Sand																																																																																																																																																																																																																																
12"	35	40	Gray Clay & Claystone																																																																																																																																																																																																																																
8"	40	45	" "																																																																																																																																																																																																																																
8"	45	46	Granite																																																																																																																																																																																																																																
8"	46	80	Gray Clay																																																																																																																																																																																																																																
8"	80	82	Granite Sand																																																																																																																																																																																																																																
8"	82	95	Brown clay stone																																																																																																																																																																																																																																
8"	95	97	Granite Sand																																																																																																																																																																																																																																
8"	97	115	Clay Stone																																																																																																																																																																																																																																
6"	115	119	Granite Sand																																																																																																																																																																																																																																
6"	119	135	Blue clay stone																																																																																																																																																																																																																																
6"	135	140	Granite Sand																																																																																																																																																																																																																																
6"	140	160	Sand & clay strips																																																																																																																																																																																																																																
6"	160	185	Blue Clay																																																																																																																																																																																																																																
6"	185	193	Gray Clay																																																																																																																																																																																																																																
6"	193	195	Sand																																																																																																																																																																																																																																
6"	195	205	Gray Clay																																																																																																																																																																																																																																
6"	205	207	Sand																																																																																																																																																																																																																																
6"	207	225	Gray Clay																																																																																																																																																																																																																																
6"	225	236	Sand																																																																																																																																																																																																																																
6"	236	243	Brown clay																																																																																																																																																																																																																																
6"	243	244	Sand																																																																																																																																																																																																																																
6"	244	250	Brown clay																																																																																																																																																																																																																																
6"	250	253	Sand																																																																																																																																																																																																																																
6"	253	265	Gray clay																																																																																																																																																																																																																																
6"	265	266	Sand																																																																																																																																																																																																																																
6"	266	302	Gray clay																																																																																																																																																																																																																																
6"	302	304	Sand																																																																																																																																																																																																																																
6"	304	310	Clay																																																																																																																																																																																																																																
6"	310	312	Sand																																																																																																																																																																																																																																
6"	312	315	Clay																																																																																																																																																																																																																																
6"	315	317	Sand																																																																																																																																																																																																																																
6"	317	323	Clay																																																																																																																																																																																																																																
6"	323	324	Sand																																																																																																																																																																																																																																
6"	324	328	Clay																																																																																																																																																																																																																																
4. METHOD DRILLED ☒ Rotary ☒ Air ☐ Auger ☐ Reverse rotary ☐ Cable ☐ Mud ☐ Other _____ (backhoe, hydraulic, etc.)	10. Work started <u>03/26/92</u> finished <u>04/06/92</u>																																																																																																																																																																																																																																		
5. WELL CONSTRUCTION Casing schedule: ☒ Steel ☐ Concrete ☐ Other _____ Thickness <u>250</u> inches Diameter <u>8</u> inches From <u>1</u> feet To <u>111</u> feet <u>250</u> inches <u>6</u> inches <u>105</u> feet <u>190</u> feet _____ inches _____ inches _____ feet _____ feet Was casing drive shoe used? ☒ Yes ☐ No Was a packer or seal used? ☐ Yes ☒ No Perforated? ☒ Yes ☐ No How perforated? ☐ Factory ☐ Knife ☐ Torch ☐ Gun Size of perforation? _____ inches by _____ inches Number _____ From _____ To _____ <u>288</u> perforations <u>110</u> feet <u>118</u> feet <u>720</u> perforations <u>120</u> feet <u>140</u> feet _____ perforations _____ feet _____ feet Well screen installed? ☐ Yes ☒ No Manufacturer _____ Type _____ Top Packer or Headpipe _____ Bottom of Tailpipe _____ Diameter _____ Slot size _____ Set from _____ feet to _____ feet Diameter _____ Slot size _____ Set from _____ feet to _____ feet Gravel packed? ☐ Yes ☒ No ☐ Size of gravel _____ Placed from _____ feet to _____ feet Surface seal depth <u>40</u> Material used in seal: ☐ Cement grout ☒ Bentonite ☐ Puddling clay ☐ _____ Sealing procedure used: ☐ Slurry pit ☐ Temp. surface casing ☒ Overbore to seal depth Method of joining casing: ☐ Threaded ☒ Welded ☐ Solvent Weld ☐ Cemented between strata Describe access port _____	11. DRILLER'S CERTIFICATION I/We certify that all minimum well construction standards were complied with at the time the rig was removed. Firm Name <u>S.O.S. Drilling</u> Firm No. <u>212</u> Address <u>Meridian, ID</u> Date <u>05/01/92</u> Signed by Drilling Supervisor <u>[Signature]</u> and (Operator) <u>[Signature]</u> (If different than the Drilling Supervisor)																																																																																																																																																																																																																																		
6. LOCATION OF WELL Sketch map location must agree with written location.  County <u>Boise</u> Subdivision Name <u>Hwy 21 & Main St</u> Lot No. _____ Block No. _____ SE 1/4 SW 1/4 Sec. 36 T. 6 N. S. R. 5 E. W.	USE ADDITIONAL SHEETS IF NECESSARY — FORWARD THE WHITE COPY TO THE DEPARTMENT																																																																																																																																																																																																																																		

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCESUSE TYPEWRITER OR
BALLPOINT PEN

WELL DRILLER'S REPORT

State law requires that this report be filed with the Director, Department of Water Resources
within 30 days after the completion or abandonment of the well. pg 2 of 2

1. WELL OWNER Name <u>Gary A. Secor (cont.)</u> Address _____ Drilling Permit No. _____ Water Right Permit No. _____	7. WATER LEVEL Static water level _____ feet below land surface. Flowing? ☐ Yes ☐ No G.P.M. flow _____ Artesian closed-in pressure _____ p.s.i. Controlled by: ☐ Valve ☐ Cap ☐ Plug Temperature _____ °F. Quality _____ Describe artesian or temperature zones below.																																																				
2. NATURE OF WORK ☐ New well ☐ Deepened ☐ Replacement ☐ Well diameter increase ☐ Modification ☐ Abandoned (describe abandonment or modification procedures such as liners, screen, materials, plug depths, etc. in lithologic log, section 9.)	8. WELL TEST DATA ☐ Pump ☐ Bailer ☐ Air ☐ Other _____ <table border="1"><thead><tr><th>Discharge G.P.M.</th><th>Pumping Level</th><th>Hours Pumped</th></tr></thead><tbody><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr></tbody></table>	Discharge G.P.M.	Pumping Level	Hours Pumped																																																	
Discharge G.P.M.	Pumping Level	Hours Pumped																																																			
3. PROPOSED USE ☐ Domestic ☐ Irrigation ☐ Monitor ☐ Industrial ☐ Stock ☐ Waste Disposal or Injection ☐ Other _____ (specify type)	9. LITHOLOGIC LOG <table border="1"><thead><tr><th rowspan="2">Bore Diam.</th><th colspan="2">Depth</th><th rowspan="2">Material</th><th colspan="2">Water</th></tr><tr><th>From</th><th>To</th><th>Yes</th><th>No</th></tr></thead><tbody><tr><td>6"</td><td>328</td><td>339</td><td>Sand</td><td>X</td><td>X</td></tr><tr><td>6"</td><td>329</td><td>335</td><td>Clay</td><td>X</td><td>X</td></tr><tr><td>6"</td><td>335</td><td>337</td><td>Sand</td><td>X</td><td>X</td></tr><tr><td>6"</td><td>337</td><td>344</td><td>Clay</td><td>X</td><td>X</td></tr><tr><td>6"</td><td>344</td><td>345</td><td>Sand</td><td>X</td><td>X</td></tr><tr><td>6"</td><td>345</td><td>370</td><td>Clay</td><td>X</td><td>X</td></tr><tr><td>6"</td><td>370</td><td>385</td><td>Granite</td><td>X</td><td>X</td></tr></tbody></table>	Bore Diam.	Depth		Material	Water		From	To	Yes	No	6"	328	339	Sand	X	X	6"	329	335	Clay	X	X	6"	335	337	Sand	X	X	6"	337	344	Clay	X	X	6"	344	345	Sand	X	X	6"	345	370	Clay	X	X	6"	370	385	Granite	X	X
Bore Diam.	Depth		Material	Water																																																	
	From	To		Yes	No																																																
6"	328	339	Sand	X	X																																																
6"	329	335	Clay	X	X																																																
6"	335	337	Sand	X	X																																																
6"	337	344	Clay	X	X																																																
6"	344	345	Sand	X	X																																																
6"	345	370	Clay	X	X																																																
6"	370	385	Granite	X	X																																																
4. METHOD DRILLED ☐ Rotary ☐ Air ☐ Auger ☐ Reverse rotary ☐ Cable ☐ Mud ☐ Other _____ (backhoe, hydraulic, etc.)	RECEIVED JUL 1 1992 Department of Water Resources Western Regional Office DEC 03 1992																																																				
5. WELL CONSTRUCTION Casing schedule: ☐ Steel ☐ Concrete ☐ Other _____ Thickness _____ inches Diameter _____ inches From _____ feet To _____ feet _____ inches _____ inches _____ feet _____ feet _____ inches _____ inches _____ feet _____ feet Was casing drive shoe used? ☐ Yes ☐ No Was a packer or seal used? ☐ Yes ☐ No Percutated? ☐ Yes ☐ No How percutated? ☐ Factory ☐ Knife ☐ Torch ☐ Gun Size of percutation? _____ inches by _____ inches Number _____ From _____ To _____ _____ perforations _____ feet _____ feet _____ perforations _____ feet _____ feet _____ perforations _____ feet _____ feet Well screen installed? ☐ Yes ☐ No Manufacturer _____ Type _____ Top Packer or Headpipe _____ Bottom of Tailpipe _____ Diameter _____ Slot size _____ Set from _____ feet to _____ feet Diameter _____ Slot size _____ Set from _____ feet to _____ feet Gravel packed? ☐ Yes ☐ No ☐ Size of gravel _____ Placed from _____ feet to _____ feet Surface seal depth _____ Material used in seal: ☐ Cement grout ☐ Bentonite ☐ Puddling clay ☐ _____ Sealing procedure used: ☐ Slurry pit ☐ Temp. surface casing ☐ Overbore to seal depth Method of joining casing: ☐ Threaded ☐ Welded ☐ Solvent Weld ☐ Cemented between strata Describe access port _____																																																					
6. LOCATION OF WELL Sketch map location must agree with written location.  Subdivision Name _____ Lot No. _____ Block No. _____ County <u>Bose</u> Address of Well Site <u> Hwy 21 E main St</u> (give at least name of road) SE 1/4 SW 1/4 Sec. <u>26</u> T. <u>6</u> N. ☒ or S ☐ R. <u>5</u> E ☒ or W ☐	10. Work started _____ finished _____																																																				
11. DRILLER'S CERTIFICATION I/We certify that all minimum well construction standards were complied with at the time the rig was removed. Firm Name <u>SOS Drilling</u> Firm No. <u>212</u> Address <u>Monday, Id.</u> Date <u>05/01/92</u> Signed by Drilling Supervisor <u>[Signature]</u> and _____ (Operator) <u>[Signature]</u> (If different than the Drilling Supervisor)																																																					

Admitted

Close

IDAHO DEPARTMENT OF WATER RESOURCES
Water Right Report

11/7/2011

WATER RIGHT NO. 63-2627

<u>Owner Type</u>	<u>Name and Address</u>
Current Owner	CITY OF IDAHO CITY PO BOX 130 IDAHO CITY, ID 83631 (208)392-4584
Attorney	RINGERT CLARK CHARTERED C/O S BRYCE FARRIS 455 S 3RD ST PO BOX 2773 BOISE, ID 83701 (208)342-4591

Priority Date: 12/17/1945

Basis: Decreed

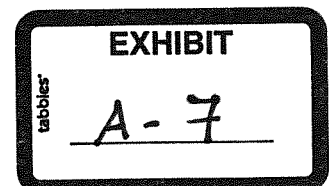
Status: Active

<u>Source</u>	<u>Tributary</u>
ELK CREEK	MORES CREEK
GROUND WATER	ELK CREEK

<u>Beneficial Use</u>	<u>From</u>	<u>To</u>	<u>Diversion Rate</u>	<u>Volume</u>
MUNICIPAL	01/01	12/31	0.36 CFS	
Total Diversion			0.36 CFS	

Location of Point(s) of Diversion:

GROUND WATER	SENW	Sec. 26	Township 06N	Range 05E	BOISE County
GROUND WATER	SENW	Sec. 26	Township 06N	Range 05E	BOISE County
ELK CREEK	SENW	Sec. 26	Township 06N	Range 05E	BOISE County

Place(s) of use: Large POU Info

Conditions of Approval:

1.	124	Place of use is within the service area of the City of Idaho City municipal water supply system as provided for under Idaho Law.
2.	172	The boundary encompassing the place of use for this water right is described with a digital boundary as authorized by Idaho law. The data comprising the digital boundary are stored in the electronic document management system of the Department and are incorporated into this approval by this reference. A map depicting the place of use is attached to this approval document to illustrate the place of use described by the digital boundary.
3.		The total instantaneous diversion of water from all points of diversion under Right 63-2627 shall not exceed 0.36 cfs. Diversion from ground water is limited to the rate available under this right and priority from Elk Creek, at a location upstream from the impoundment pool created by the diversion structure on Elk Creek.
4.		The water stored in the impoundment pool created by the diversion structure on Elk Creek is limited to 0.71 acre feet (approximately 233,000 gallons). This is the quantity of water under a continuous 24-hour diversion authorized by this right.
5.	R05	Use of water under this right may be regulated by a watermaster with responsibility for the distribution of water among appropriators within a water district. At the time of this approval, this water right is within State Water District No. 63, Boise River.
6.	R43	In the future, the right holder may be required to maintain a measuring device and lockable controlling works of a type approved by the Department in a manner that will provide the watermaster suitable control of the diversion(s).
7.	T07	The right holder shall accomplish the change authorized by this transfer within one year of the date of this approval.
8.	T08	Failure of the right holder to comply with the conditions of this transfer is cause for the Director to rescind approval of the transfer.
9.	T19	Pursuant to Section 42-1412(6), Idaho Code, this water right is subject to such general provisions necessary for the definition of the rights or for the efficient administration of water rights as may be determined by the Snake River Basin Adjudication court at a point in time no later than the entry of the final unified decree.

Dates:

Licensed Date:

Decreed Date: 04/24/2003

Permit Proof Due Date:

Permit Proof Made Date:

Permit Approved Date:

Permit Moratorium Expiration Date:

Enlargement Use Priority Date:

Enlargement Statute Priority Date:

Water Supply Bank Enrollment Date Accepted:

Water Supply Bank Enrollment Date Removed:

Application Received Date:

Protest Deadline Date:

Number of Protests: 0

Other Information:

State or Federal:

Owner Name Connector:

Water District Number: 63

Generic Max Rate per Acre:

Generic Max Volume per Acre:

Civil Case Number:

Old Case Number:

Decree Plaintiff:

Decree Defendant:

Swan Falls Trust or Nontrust:

Swan Falls Dismissed:

DLE Act Number:

Cary Act Number:

Mitigation Plan: False

Close

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
TRANSFER OF WATER RIGHT
TRANSFER NO. 71722

This is to certify that: CITY OF IDAHO CITY
PO BOX 130
IDAHO CITY ID 83631
(208)392-4584

has requested a change to the water right(s) listed below. This change in water right(s) is authorized pursuant to the provisions of Section 42-222, Idaho Code. A summary of the changes is also listed below. The authorized change for each affected water right, including conditions of approval, is shown on the following pages of this document.

Summary of Water Rights Before the Proposed Change

<u>Right</u>	<u>Origin/Basis</u>	<u>Priority</u>	<u>Rate</u>	<u>Volume</u>	<u>Acre Limit</u>	<u>Total Acres</u>	<u>Source</u>
63-2627	WR/Decreed	12/17/1945	0.36 cfs	N/A	N/A	N/A	ELK CREEK

Purpose of Transfer (Changes Proposed)

<u>Current Number</u>	<u>Split</u>	<u>POD</u>	<u>POU</u>	<u>Add POD</u>	<u>Period of Use</u>	<u>Nature of Use</u>
63-2627	NO	NO	NO	YES	NO	NO

Summary of Water Rights After the Approved Change

<u>Existing Right</u>	<u>New No. (changed portion)</u>	<u>Transfer Rate</u>	<u>Transfer Volume</u>	<u>Acre Limit</u>	<u>Total Acres</u>	<u>New No. (remaining portion)</u>	<u>Remaining Rate</u>	<u>Remaining Volume</u>	<u>Remaining Acre Limit</u>	<u>Remaining Total Acres</u>
63-2627	63-2627	0.36 cfs	N/A	N/A	N/A		N/A	N/A	N/A	N/A
COMBINED										
TOTALS		0.36 cfs	N/A	N/A	N/A		N/A	N/A	N/A	N/A

Detailed Water Right Description(s) attached

Dated this 4th day of April, 20 06



Chief, Water Allocation Bureau

WATER RIGHT NO. 63-2627
As Modified by Transfer No. 71722

In accordance with the approval of Transfer No. 71722, Water Right No. 63-2627 is now described as follows.

Right Holder: CITY OF IDAHO CITY
PO BOX 130
IDAHO CITY ID 83631

Priority Date: December 17, 1945

Source: ELK CREEK
GROUND WATER

Tributary: MORES CREEK
ELK CREEK

<u>BENEFICIAL USE</u>	<u>From</u>	<u>To</u>	<u>Diversion Rate</u>	<u>Volume</u>
MUNICIPAL	01/01	12/31	0.36 CFS	
			0.36 CFS	

LOCATION OF POINT(S) OF DIVERSION:

GROUND WATER	SENW	Sec. 26 Twp 06N Rge 05E BOISE County
GROUND WATER	SENW	Sec. 26 Twp 06N Rge 05E BOISE County
ELK CREEK	SENW	Sec. 26 Twp 06N Rge 05E BOISE County

CONDITIONS OF APPROVAL

1. Place of use is within the service area of the City of Idaho City municipal water supply system as provided for under Idaho Law.
2. The boundary encompassing the place of use for this water right is described with a digital boundary as authorized by Idaho law. The data comprising the digital boundary are stored in the electronic document management system of the Department and are incorporated into this approval by this reference. A map depicting the place of use is attached to this approval document to illustrate the place of use described by the digital boundary.
3. The total instantaneous diversion of water from all points of diversion under Right 63-2627 shall not exceed 0.36 cfs. Diversion from ground water is limited to the rate available under this right and priority from Elk Creek, at a location upstream from the impoundment pool created by the diversion structure on Elk Creek.
4. The water stored in the impoundment pool created by the diversion structure on Elk Creek is limited to 0.71 acre feet (approximately 233,000 gallons). This is the quantity of water under a continuous 24-hour diversion authorized by this right.
5. Use of water under this right may be regulated by a watermaster with responsibility for the distribution of water among appropriators within a water district. At the time of this approval, this water right is within State Water District No. 63, Boise River.

WATER RIGHT NO. 63-2627
As Modified by Transfer No. 71722

CONDITIONS OF APPROVAL

6. In the future, the right holder may be required to maintain a measuring device and lockable controlling works of a type approved by the Department in a manner that will provide the watermaster suitable control of the diversion(s).
7. The right holder shall accomplish the change authorized by this transfer within one year of the date of this approval.
8. Failure of the right holder to comply with the conditions of this transfer is cause for the Director to rescind approval of the transfer.
9. Pursuant to Section 42-1412(6), Idaho Code, this water right is subject to such general provisions necessary for the definition of the rights or for the efficient administration of water rights as may be determined by the Snake River Basin Adjudication court at a point in time no later than the entry of the final unified decree.

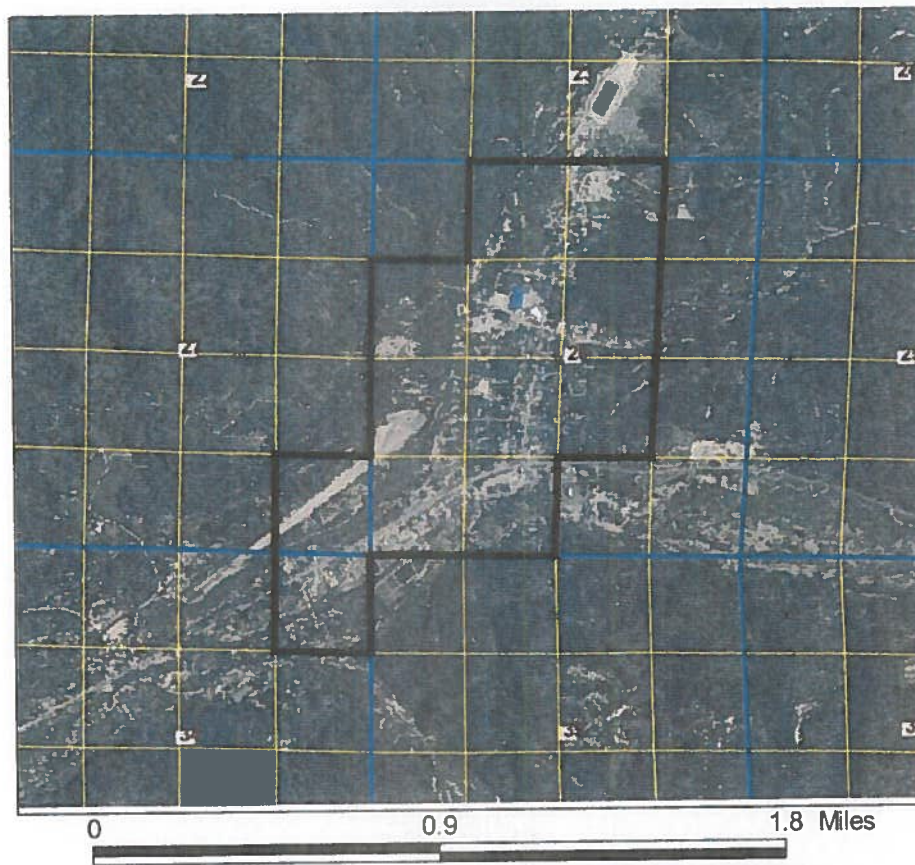
This water right is subject to all prior water rights and shall be administered in accordance with Idaho law and applicable rules of the Department of Water Resources.

Dated this 4th day of April, 20 06


Chief, Water Allocation Bureau

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
TRANSFER OF WATER RIGHT NO. 71722

Digital Boundary for City of Idaho City
Right 63-2627
April 4, 2006

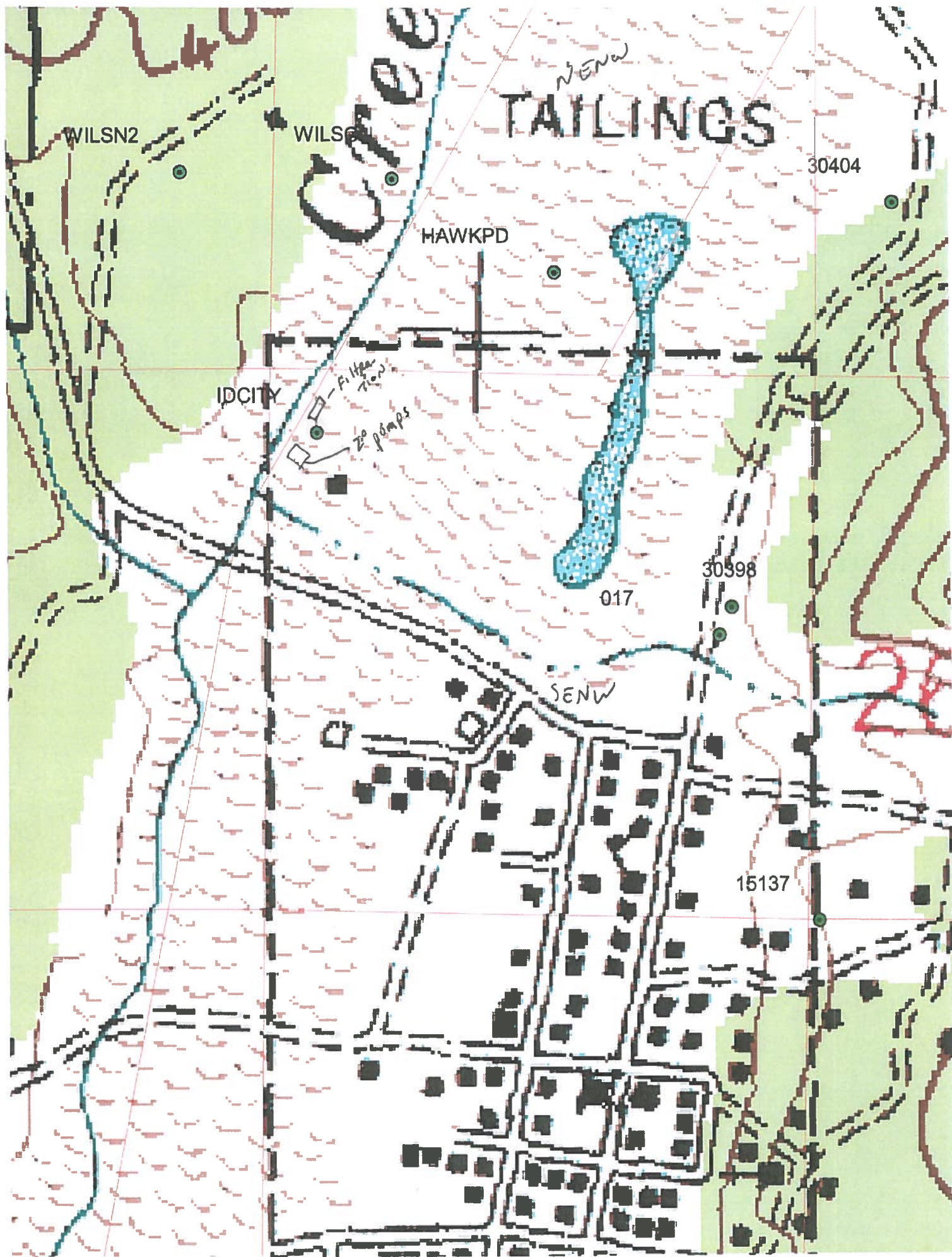


T06N R05E

Legend

- 63-2627 city of idaho city.shp
- Sections
- QQ
- GCDB06N05E GCDB
- Right POD
- Administrative BasinsAdminbas.shp





SRBA Claim Number A63-15422, -4073 Date of Photos 11/07/2001

Photographer M. Niviceci Legal Description T6NRSE526 SENW

① Dam in Elk Creek.

located west of
points of
diversion



② Wells located
next to Elk Creek.

Each well has a
7.5 HP pump. Water
is piped to filtration
system via common
pipe, then to small
holding tank. Relifted
to 200,000 gal tank
above town, gravity
to users.



- 1 - Claim - Elk Creek - 1945
Exam in 1951 - .36 gfs
- 2 - Claim - 1965 - 3.0 gfs
? on amount of water between
51 + 71 to claim - probably less.

1978. 10" casing down 25' - 30' deep (3)
by Elk Creek - pumped out of
well casing to small stor. pond
w/ boosters to large stor. & gravity flow.

G.W. app. Upper Boise.

1.47 gfs pumped. - 659 GPM.

Can they transfer to change source
from surface H₂O to G.W.
on Elk Creek (old rt).

* file app. for permit in Upper Boise
w/ mitigation in lieu of Conj. mgmt.

Mores Creek - Wilderness Ranch -
G.W. infiltration gallery. Daguerre
Creek changed to G.W. Detc.

ADJUDICATION MEMORANDUM

CLAIM NO.: A63-15422,-4073 SUBJECT: Priority

EMPLOYEE: M. Minicucci DATE: _____

Date Bridwell 392-4281

City engineer previous to Steve Sanders

01/22/2002 1:26 pm

left msg on machine requesting call-back

01/23/2002 9:10 am

Mr. Bridwell returned my call.

Current "wells" were dug in 1997.

System previously was a buried 10 inch perforated pipe ~~with~~ wrapped in filtration fabric. Located ~ 70 ft north of current turbidity well ("3rd well"). This system was installed in the early 1980s and replaced an older, similar system.

~ 1994/1995 3 people from IDWR came up to town and measured flow in Elk Creek (using mechanical flow meters.)

He will pursue information on system changes from 1951 onward. I will try to find information on 1994-1995 activities.

9:40 am Mr. Bridwell

Filtration system in 1950s - 3" line
~ 1976: 6" line + increased pump sizes
1978: Water quality problems. Installed 10" infiltration system (buried pipes)

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
WESTERN REGION ADJUDICATION SECTION
CLAIM VERIFICATION FIELD EXAM SHEET
(Use with the ECVR)

CLAIM NO(s). A63-15422

1. No Change NAME IS SAME ✓
NEW OWNER: _____
No Change ADDRESS
NEW ADDRESS: _____

2. No Change - DATE OF PRIORITY: Completed evidence submitted
Incomplete - Claimant should be asked during the exam when was water first
used and submit proof of date of priority.

Priority date, per claimant, is: 12/17/1945
(If the priority date, based on your exam, seems questionable, explain below.)

Claimed date reflects original priority date of license 63-2627.
Licensed priority was advanced a week due to paperwork
problems, leading to filing of this B/U claim to retain

3. No Change — SAME SOURCE — earlier priority date.
Source is different than that claimed:

Source found: _____

4. No Change — POINT OF DIVERSION
Point of diversion is different than the claim and/or new P/D's:

Township 6N Range 5E Section 26 1/4 NW 1/4 SE 1/4 NW
Township _____ Range _____ Section _____ 1/4 _____ 1/4 _____

5. No Change - DESCRIPTION OF DIVERTING WORKS
Incomplete description, list below:

(2) 30' "wells" sunk in creek bed (Elk Creek). 7.5 HP
pump through filtration system to 20,000 gal. storage
tank. Relifted w/ (2) 15 HP pump to 200,000 gal storage tank
on hillside above town. Gravity flow to POU.

6. No Change - WATER USES
Different uses, (list uses found):

Use Dom From 1/1 To 12/31 Amount .36 CFS _____ AFA _____
Use _____ From _____ To _____ Amount _____ CFS _____ AFA _____
Use _____ From _____ To _____ Amount _____ CFS _____ AFA _____

*changed to Municipal
use for Idaho City.
Accomplished
change*

7. No Change - TOTAL VOLUME

Incomplete on claim, the total is, Amount _____ CFS _____ AFA _____

Changes found, the new total is, Amount _____ CFS _____ AFA _____

8. No Change - NON-IRRIGATION USES:

Changes Exam found:

Domestic # of homes: _____ Stock # _____ List types: _____

Additional comments: Place of use is service area for City of Idaho City

9. No Change — PLACE OF USE: (If changed, list below.)

Use: _____ Township _____ Range _____ Section _____ 1/4 _____ 1/4 _____
Use: _____ Township _____ Range _____ Section _____ 1/4 _____ 1/4 _____
Use: _____ Township _____ Range _____ Section _____ 1/4 _____ 1/4 _____
Use: _____ Township _____ Range _____ Section _____ 1/4 _____ 1/4 _____

Remarks: (Comments pertinent to field examination) See additional attachment

Place of use is service area of the City of Idaho City

SYSTEM DIAGRAM INCLUDED

NA

Shown on GIS Layout

CK IF IN OFFICE EXAM

DATE EXAM CONDUCTED: 11/07/2001

FIELD EXAMINER:

MARIA MINICUCCI

Print Name

[Signature]
Signature

ADJUDICATION MEMORANDUM

CLAIM NO.: A63-15422, A63-4073

SUBJECT: Capacity of Filtration System

EMPLOYEE: M. Dinklage

DATE: 01/22/2002

Field visit to Idaho City w/ Steve Sanders

Hydraulic Loading (gpm/ft^2)

	Flow (gpm)	2 Filters Operating	3 Filters Operating
Peak Day	270	.11	.08
Av. Summer Day	150	.06	.04
Av. Winter Day	145	.06	.04

Flex. allowable filtration rate is $.1 \text{ gpm}/\text{ft}^2 =$
240 gpm w/ 2 filters

Cleanwell: Total capacity is 23,327 gallon

All info from:

Operation + Maintenance Manual

City of ID City

Sept., 2000

1995 Slow Sand Filtration

I-H-B Eng. Inc

Inside Filtration system house

Both pumps come into system via one pipe

650 gpm w/ both pumps (meter on pipe) $\approx 1.45 \text{ CFS}$

Prev. City Engineer: Dale Bridwell
392-4281

Long pre #302
Conduct directly x from
school (summary)

STATE OF IDAHO
DEPARTMENT OF RECLAMATION
BOISE, IDAHO
REPORT OF ENGINEER

Permit No. 19741

This proof is for Beneficial use In Water District No. _____

1. Name of applicant Village of Idaho City, Idaho City, Idaho
2. Source of water supply: Elk Creek, a tributary of Mores Creek
3. Location of point of diversion: Is in the NE 1/4 NW 1/4 of Section 26
T. 6 N. R. 5 E. County of Boise

4. Describe works as they exist, giving dimensions and capacities of same: The creek bed has been placer mined, thus the reason for using culvert pipes in places. Water is diverted from Elk Creek thru an 18" culvert pipe into an open ditch. Goes thru an other culvert pipe before reaching the pond. There is an overflow for by-pass around the pond approx. 100 yds. above forest service headquarters. A 6" C.I. pipe leads from the pond directly into the well. Same is screened. Pond is approx. 20' x 40' x 4' deep. Water is pumped into town water mains and on thru into a storage tank located in NE part of town on hill. Tank is 21' d. x 16' h. is war surplus. Water mains are 6" d.. Well is 40" d. x 16' deep. Pump house is over well. Wood const. with corrugated roof (galv) size 10' x 18' x 8' h. Uses a heating stove in winter.

5. Water is used for: domestic water supply for Village of Idaho City.

6. State whether or not water has been turned into works of diversion: yes
Insufficient capacity as now being operated.

7. List legal subdivisions of lands to be irrigated. If proof is for beneficial use, give exact number of acres under cultivation in each forty-acre tract. (Describe manner and place of use if other than irrigation):

Village of Idaho City, in SE 1/4 NW 1/4 and NE 1/4 SW 1/4 Section 26, Township 6 North,
Range 5 East, R. 5 E.

Used for domestic and irrigation of lawns and gardens. Village population is approx. 300 people.

Motor is U. S. 5 hp., 1 phase, 220 v., 60 cycle, 1800 rpm., No. 405 348.
Pump is a Deming Mueller Centrifugal Size 8, capcy 155 gpm., 100' head, 1750rpm
Serial 6463. Pipe from pump is 4" d. then 6" mains.

Gage is 131 lbs when tank is full 43 lbs.

(Submit map on attached plat, showing location and details of above description.)

8. What large stream would the water here appropriated finally reach? Boise River via Mores Cr

Remarks: This system is used also for fire protection for the town.

They intend to move the well and increase the capacity of the whole system.

This examination was made on the 16th day of June, 1951

(Signed)

E. N. Humphrey

DEAN, ENG.

19741

Steve Sanders,
Idaho City

12/10/2001
9:45 am

Pumps are 7.5 HP, NO 15 HP

500 gpm per pump (1.11 CFS)

Design capacity

pump 350 gpm

VFDs taken off -
pump full bore.

On demand

Flush about $\frac{1}{2}$ Water

filter plant -

325,000

400,000 per day

part of that goes to
waste.

City of Idaho City

11/07/2001

Steve Sanders, City Engineer via City Hall

- 1) Describe Present System - 1A) Extent of delivery system
- 2) Dates of Changes within City limits
- 3)

Wells are $\approx$ 25'-30' deep

Submersible pump in each well.

5 HP each (connected to 7.5 HP)

Photo 7: Wells. (white)

Pump into Filter (pump) tank into another "well" to
~~20,000~~²⁵⁰⁰ gal holding tank to another holding tank
(200,000^{gal}) above town. 2 15 HP pumps from 1st holding
tank to one above town.

Dam in creek (Elk Creek) to try to recharge wells.

Photo 8: Dam in Elk Creek

3rd well measures turbidity. $\frac{1}{3}$ HP.

Located in well house east of city wells

Discharges to ~~the~~ ground surface on N side of well
house $\rightarrow$ then to Elk Creek.

Pumps to storage tank cranked up to 5300. 5400.

Mr. Sanders has witnessed 600 gpm

Marlin Reed, previous operator, told Mr. Sanders they
pumped $\approx$ 1 million gpd. New system + metering reduced usage significantly.

Admitted



**CERTIFICATE OF INCORPORATION
OF**

ELK CREEK CORPORATION

Record

I, PETE T. CENARRUSA, Secretary of State of the State of Idaho, hereby certify that duplicate originals of Articles of Incorporation for the incorporation of the above named corporation, duly signed pursuant to the provisions of the Idaho Business Corporation Act, have been received in this office and are found to conform to law.

ACCORDINGLY and by virtue of the authority vested in me by law, I issue this Certificate of Incorporation and attach hereto a duplicate original of the Articles of Incorporation.

Dated: January 29, 1988



Pete T. Cenarrusa

SECRETARY OF STATE

by: *Sandra M. Hawley*

Admitted

WARRANTY DEED

For Value Received SHERRILD MILLS, Personal Representative of the Estate
of WINIFRED PROFFER, deceased

the grantor , does hereby grant, bargain, sell and convey unto

ELK CREEK CORPORATION, an Idaho corporation
the grantees , whose current address is 737 North 7th - Boise, ID 83702

the following described premises, in BOISE County Idaho, to-wit:

SEE EXHIBIT "A" ATTACHED HERETO AND MADE A PART HEREOF.

State of Idaho

} SS.

County of Boise

I hereby certify that the foregoing
instrument is a full, true and correct copy
of the original recorded in this office.

SEAL
MAY 31 2011

Auditor and Recorder

TO HAVE AND TO HOLD the said premises, with their appurtenances unto the said Grantees ,
their heirs and assigns forever. And the Grantor do es hereby covenant to and
with the said Grantee s, that t hey are the owners in fee simple of said premises; that they are free from all
encumbrances except current years taxes, irrigation district assessments, public utility
easements, subdivisions restrictions and U.S. patent reservations.

and that t he y will warrant and defend the same from all lawful claims whatsoever.

Dated: March 2, 1988

Sherrild Mills
Sherrild Mills, Personal Representative of
the Estate of Winifred Proffer, deceased

STATE OF IDAHO, COUNTY OF Ada
On this 2nd day of March , 19 88.
before me, a notary public in and for said State, personally
appeared Sherrild Mills, known or
identified to me to be the person whose
name is subscribed to the within and
foregoing instrument as Personal
Representative of the Estate of Winifred
Proffer, deceased, and acknowledged to me
that he executed the same as such Personal
Representative.

Tina L. Smith
Notary Public

Residing at
Comm. Expires

Boise Idaho
7-25-93

STATE OF IDAHO, COUNTY OF Ada
I hereby certify that this instrument was filed for record at the request
of Tina West
at 3rd minutes past 1300 o'clock m.
this 3rd day of March
1988 in my office, and duly recorded in Book
of Deeds at page filmed

Arlene C. Kolac
Ex-Officio Recorder

By Bonnie West

Fees \$ 6.00
Mail to:

Deputy.

INSTRUMENT NO. 126806

First American Title Company of Idaho

EXHIBIT

tabbies

A-14

EXHIBIT A

TRACT C LEGAL DESCRIPTION

A portion of "TRACT A" of the "ELK CREEK PLACER" (Mineral Survey No. 1483) being situated in portions of Sections 26 and 23, Township 6 North, Range 5 East, Boise Meridian, Boise County, Idaho described as follows:

Commencing at a found brass cap monumenting the Southwest Corner of the Northwest 1/4 of the Northwest 1/4 of said Section 26, thence along the westerly line of said Section 26 N00°-00'-06"E a distance of 1315.90 feet to a found brass cap monumenting the Northwest Corner of said Section 26, thence leaving said westerly line along the northerly line of said Section 26 N89°-11'-02"E a distance of 2202.68 feet to the intersection of said northerly line with the westerly line of "TRACT A" of said Mineral Survey No. 1483, said point being the REAL POINT OF BEGINNING.

Thence leaving the northerly line of said Section 26 along said westerly line S28°-45'-53"W a distance of 536.21 feet to a point,

Thence leaving said westerly line N89°-45'-37"E a distance of 669.50 feet to a set steel pin on the easterly line of "TRACT A" of said Mineral Survey No. 1483,

Thence along said easterly line N28°-42'-28"E a distance of 543.89 feet to a found aluminum cap monumenting the intersection of said easterly line with the northerly line of said Section 26,

Thence continuing along said easterly line N28°-42'-28"E a distance of 482.95 feet to a found aluminum cap monumenting Corner No. 1 of said Mineral Survey No. 1483,

Thence continuing along the easterly line of said Mineral Survey No. 1483 N37°-32'-04"E a distance of 53.00 feet to a set steel pin.

Thence leaving said easterly line N51°-59'-31"W a distance of 600.39 feet to a found aluminum cap monumenting Corner No. 4 of said Mineral Survey No. 1483,

Thence along the westerly line of said Mineral Survey No. 1483 S28°-45'-53"W a distance of 964.08 feet to the REAL POINT OF BEGINNING.

The above described tract of land contains 17.34 acres, more or less, subject to all existing easements and rights-of-way.

Admitted



PO Box 130
Idaho City, ID 83631
Phone (208) 392-4584
Fax (208) 392-4285

December 10, 2009

Grant Hawk, President
Elk Creek Corporation
PO Box 401
Idaho City, ID 83631

Re: Parcel RP06N05E262950
Water & Sewer Line Repairs

Dear Mr. Hawk:

According to the Idaho City engineer, the water and sewer lines that service the property described above have become significantly damaged from leakage and years of usage and urgently need to be replaced. Pharmer Engineering has obtained several estimates for replacing portions of these lines, and I am enclosing a copy of the memorandum containing these estimates with this letter.

Our records indicate that you are the owner of this property and that the property is not located within the city limits. Water and sewer services have been provided to the property pursuant to the relationship that exists between you and the city through your monthly payment for water and sewer service. However, the anticipated high cost of replacement of these lines makes it no longer economically feasible for the city to provide service to this property without a significant rate increase or annexation into the city limits.

The mayor and city council do not believe that all of the city's water customers should pay for replacement of lines that provide service to a property that is not within the city limits. Accordingly, we have instructed our attorney to begin preparation of legal annexation procedures to bring your property within the city limits. Before doing so, however, I would like to mention several advantages of your voluntarily consenting to the annexation. Please consider the following:

1. Voluntarily consenting to annexation reduces the legal costs associated with the procedure and assures that the necessary replacement of the water and sewer lines will be completed as quickly as possible for the benefit of your property and all tenants that reside on your property.

EXHIBIT

tabbles

A-15

2. Annexation will assure that water and sewer service will continue to be provided to you and to those who use your property, with the costs for the new lines and fire protection services to be shared by all of the city's water customers.

3. In addition to fixing the existing water and sewer leaks, replacement of the damaged one (1) inch water line to your property with a new six (6) inch water line will provide reliable service, greater water pressure, the capacity to service additional users, and the placement of a fire hydrant within service distance of the residences located on your property.

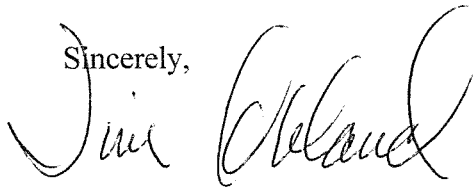
4. Fire protection services will be enhanced through annexation by allowing fire fighters to connect directly to the city's water supply rather than relying solely upon the limited abilities of pumper trucks. This will provide greater protection for those who live at or visit your property and may result in reduced insurance costs.

5. City law enforcement assistance will be available for matters occurring on your property.

I hope that you will agree that voluntary annexation is the best option for everyone concerned. For your convenience, I am enclosing a **Consent to Voluntary Annexation** form. Please review this form and, if it is agreeable with you, sign it in front of a notary public and return to me or the Idaho City Clerk as soon as possible. This will assure that the city can proceed with replacement of the water line to your property in the most expeditious manner.

Thanks for your attention to this matter. If you have questions, please feel free to contact me at 392-4584.

Sincerely,

A handwritten signature in black ink, appearing to read "Jim Obland", written in a cursive style.

Jim Obland
Mayor

Enclosures

Consent to Voluntary Annexation

Elk Creek Corporation, an Idaho Corporation, owner of real property located in Boise County, Idaho referred to as Parcel RP06N05E262950 and more particularly described in the attached Exhibit "A", hereby consents to the annexation of said real property into the city limits of the City of Idaho City, Idaho.

Dated this ____ day of December, 2009.

Grant Hawk, President

Elk Creek Corporation

State of Idaho)

County of Boise)

On this ____ day of December, 2009, before me, the undersigned, a Notary Public in and for said State, personally appeared Grant Hawk, known or identified to me to be the President of the corporation whose name is subscribed to the foregoing document, and acknowledged to me that such corporation executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, the day and year in this certificate first above written.

NOTARY PUBLIC FOR IDAHO

RESIDING AT: _____

MY COMMISSION EXPIRES: _____

Memorandum



www.pharmereng.com
1998 W. Judith Lane
Boise, ID 83705
Phone: 208-433-1900
Fax: 208-433-1901

Date: Wednesday, December 9, 2009

To: City of Idaho City

From: Carl Hipwell, Bob Pharmer

Re: Engineering Status Report

The following provides the status of the work completed for the Idaho City water and wastewater systems:

Wastewater

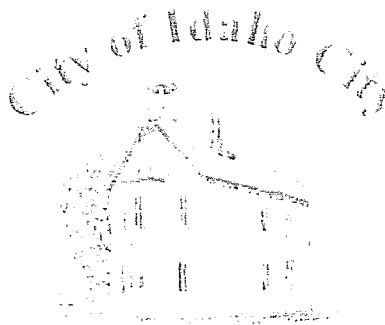
1. Grant Hawks Sewer and Water Replacement Project – The sewer and water replacement project specifications package was completed and submitted to DEQ. The project package was approved by DEQ and price quotes have been received from three local contractors. DEQ has given approval to construct the project in phases to allow for either the water or sewer portion of the project to be completed this year and the remaining work to be completed following the spring thaw. Impacts to properties adjacent to the City right-of-way will need to be discussed with the land owners prior to construction.

Contractor Price Proposals for Grant Hawk's Sewer and Water Replacement Project

<i>Contractor</i>	<i>Water Improvements</i>	<i>Sewer Improvements</i>	<i>Water Service Line</i>
Thomas Nelson	\$ 16,550	\$ 18,100	\$ 5,700
Stephenson Construction	\$ 25,000	\$ 33,850	\$ 5,600
JC Constructors	\$ 50,000	\$ 40,000	\$ 5,700

2. The original scope of the Grant Hawk's project which originally only included water piping has increased to include replacement of the sewer lines carrying wastewater from the trailer park to the main lines located in Placer St. The sewer line running from the trailer park has significant amounts of groundwater inflow due to bad piping and high groundwater which is contributing significantly to the flow treated at the wastewater plant. Work on the sewer lines will include replacing four manholes, an adding 365 feet of sewer piping.
3. Pharmer Engineering will be submitting a Letter of Interest (LOI) to DEQ to be considered for funding of a wastewater facilities plan.

Admitted



PO Box 130
Idaho City, ID 83631
Phone (208) 392-4584
Fax (208) 392-4285

October 31, 2011

Gavin Hawk
PO Box 303
Idaho City, ID 83631

Dear Mr. Hawk:

As per your request, the following is outstanding water bonds and pay off amounts as of September 30, 2011, due from the City of Idaho City to USDA.

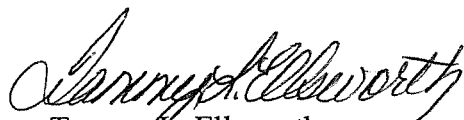
Loan 06
\$187,815.21

Loan 08
\$17,863.02

Loan 09
\$101,787.04

The City currently has 275 water accounts.

Sincerely,


Tammy L. Ellsworth
City Clerk-Treasurer

EXHIBIT

A-16

IDAHO DEPARTMENT OF ENVIRONMENTAL QUALITY DRINKING WATER
LOAN OFFER AGREEMENT AMENDMENT

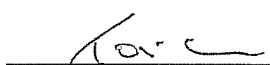
Amendment No. 1 to the Loan Offer Agreement (Agreement), Project Number DW1104, between the Idaho Department of Environmental Quality (DEQ) and the City of Idaho City.

TO BE ATTACHED AND MADE PART OF the above referenced Agreement.

THE DEQ AND THE CITY OF IDAHO CITY AGREE TO AMEND THE AGREEMENT AS FOLLOWS:

1. Section II.D., Terms: Change to read: \$2,354,000 at 0.00% to be repaid in biannual installments over 30 years, with \$582,973 of principal forgiveness (for total principal repayment of \$1,771,027).
2. Section VI.A. Security Requirements: Change amount of revenue note to \$1,771,027 (one million seven hundred seventy one thousand and twenty seven dollars).

Dated this 20th day of July, 2011.

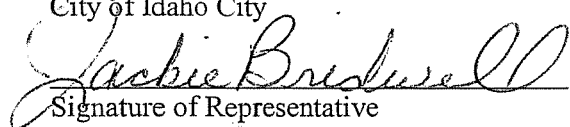


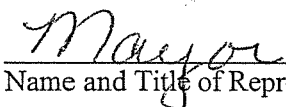
Toni Hardesty
Director
Department of Environmental Quality

*Amount of
loan
(30 year 0%
interest)*

This Amendment shall become effective upon acceptance by the City of Idaho City and must be accepted, if at all, on or before 60 days from the date of this DEQ amended loan offer. If the City of Idaho City finds the Amendment acceptable, it shall sign the document and return it to DEQ.

ALL OTHER CONDITIONS AND TERMS IN THE ORIGINAL AGREEMENT REMAIN THE SAME.

City of Idaho City


Signature of Representative
Date 7/27/11


Name and Title of Representative

City of Idaho City



PO Box 130
Idaho City, ID 83631
Phone (208) 392-4584
Fax (208) 392-4285

September 6, 2011

Dear Idaho City Residents & Property Owners:

As many of you know, and voted during, the City of Idaho City held a Bond Election on August 3, 2010, that would allow the City to apply to DEQ for a loan of \$2,400,000 to provide for construction and improvements to the domestic water system. The Bond passed with 76% of voters in favor.

On May 26, 2011, the City received a Loan Offer from DEQ for \$2,354,000 at 0.0% interest to be repaid in biannual installments over 30 years, with \$444,113 of principal forgiveness, making the total principal repayment \$1,909,887.

Then on July 21, 2011, the City received an amendment to the loan increasing the principal forgiveness by \$138,860, revising the total principal repayment to \$1,771,027.

With that being said, we hope not to have to raise the rates the full amount, but won't know until we get further into the project. So at this time we are going to start with a \$25 increase to the base water rate, making the base rate \$63.40. The usage rate will stay the same at \$1.35 per thousand gallons of water used. The new rate will go into effect October 1, 2011, but you won't see the new rates until you get your October bill the first part of November.

On another note that has nothing to do with the Bond Election, the City Auditors have reported the sewer fund has not been holding its own the past few years. So the City Council decided to increase the sewer rate by \$1 hoping to offset the shortfall, making the flat rate \$24.60. Again the new rate will go into effect October 1, 2011, and you'll see it the first part of November.

The combination of water and sewer will make your base rate \$88 plus \$ 1.35 for any water usage.

We realize times are very tight for people right now. Please believe if there is any way we can lower the \$25 increase over time we will.

I want to thank all of you for the support you showed to improve drinking water for all of us.

Sincerely,



Jackie Bridwell
Idaho City Mayor

REQUEST TO EXAMINE/COPY PUBLIC RECORDS

TO: _____

(Governmental Entity)

DATE: _____

I hereby request, pursuant to Idaho Code § 9-338, to examine and/or copy the following public records:

~~☐~~ Total amount owed for water supply. Copy of letter for new bond. City maps, Number of current customers. ✓ Certified copy of City water/sewer ordinance (as adopted)

☐ These records specifically pertain to myself.

☐ I wish to merely examine these records.

☒ I wish copies of these records.

Print Name: _____

Gavin Hawk

Mailing Address: _____

PO Box 303, Idaho City, ID 83631

Telephone Number: _____

(208) 392-4911

Signature: _____



I acknowledge by my signature that the records sought by this request will not be used for a mailing list or telephone list as set forth in Idaho Code § 9-348.

I told Gavin he would have to get map from County.

Admitted

INSTRUMENT NO. 85872

CITY OF IDAHO CITY
WATERLINE EASEMENT

City of Idaho City, Grantor, does hereby grant and convey to the public a right of way for the continued operation and maintenance, repair, alteration, inspection and replacement of the city water mains and sewer lines, other attachments and incidental equipment thereon and appertences with the right to permit attachment of water and sewer lines on and across the following premises belonging to the Grantor in Boise County, State of Idaho, the following location to wit:

Starting at the NW corner of the Idaho City Townsite, thence S 89 56' 00", E 399.28 feet to the point of beginning, thence S 24 42' 15", E 158.15 feet to the corner common to lots numbered 5 and 6 Block 1, Gold Hills Subdivision, Boise County, Idaho City Idaho. Said point lies N 81 39" W 635.39 feet from the NW corner of the Idaho City Townsite. The said easement being 5 feet in width on each side of the centerline as located and constructed in the ground, with as much additional width as required for adequate protection of cuts and fills.

Together with all rights of ingress and egress necessary for the full and complete use, occupation, and enjoyment of the easement hereby granted, and all rights and privileges incident thereto.

Executed this 10 day of March 1977.

John B. Brogan
John B. Brogan, Mayor

Rora A. Phillips
Rora A. Phillips, City Clerk

Inst # 85872
Boise County Idaho
Request of
Rora Phillips, Clerk

Time 3:30 P. M.
Date March 11, 1977
Book 15 mnc
Page 86
Robert J. Tuttle

By Rora A. Phillips
Deputy
Fee 1.00

On this 10 day of March 1977 before me Mary J. Stewart a Notary Public personally appeared John B. Brogan and Rora A. Phillips known to me to be the persons who executed the foregoing instrument and acknowledged to me that they executed the same fully and voluntarily for the uses and purposes therein mentioned.

Mary J. Stewart
Notary Public
Commission expires on 7-25-80

EXHIBIT
A-18
tabbles

GOLD HILL SUBDIVISION

A PORTION OF IDAHO CITY TOWNSITE
IN SE 1/4, NW 1/4, SECTION 26
T.6N. - R.5E. - B.M.
BOISE COUNTY, IDAHO

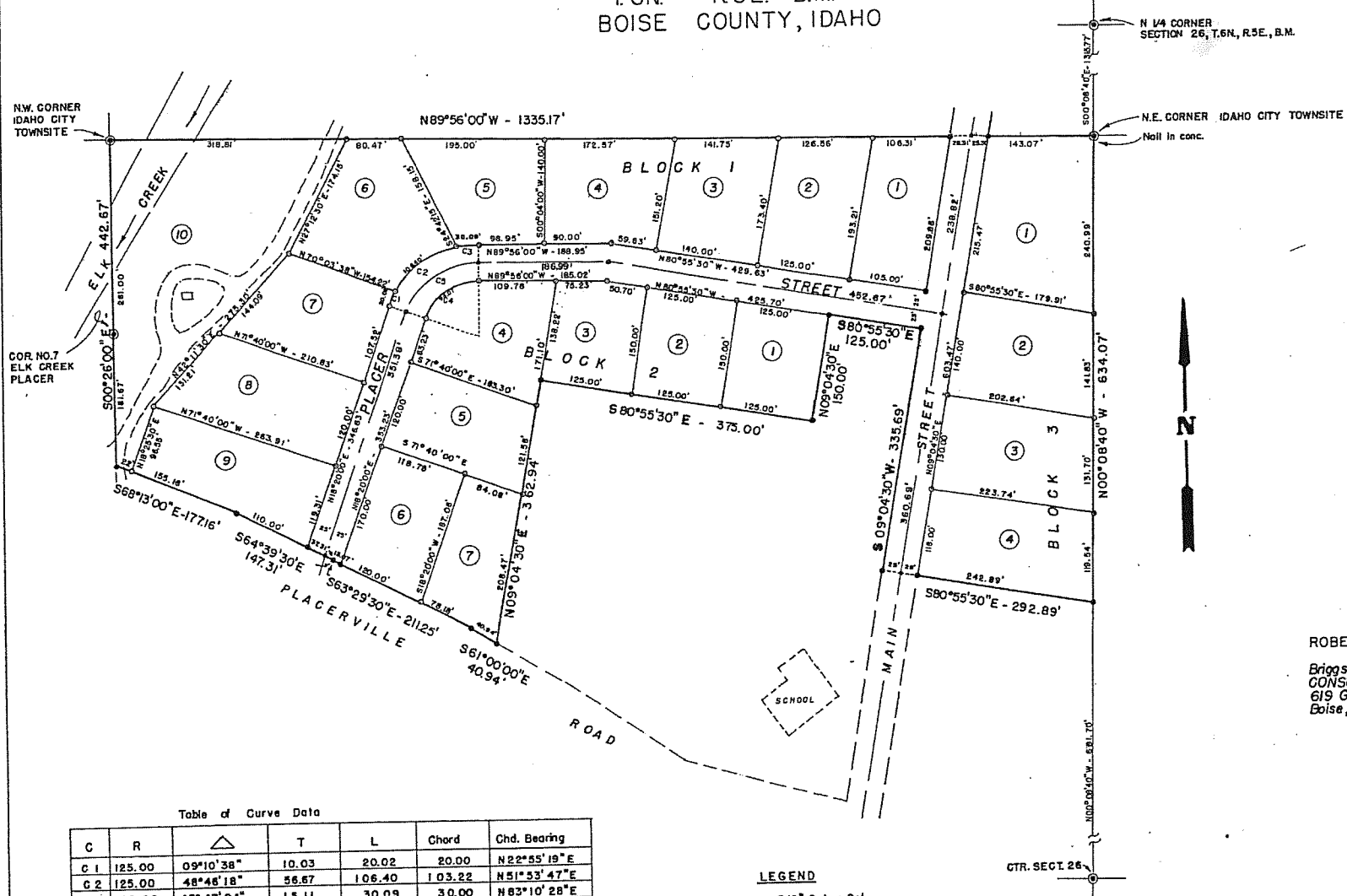


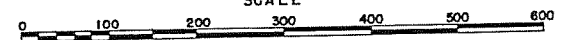
Table of Curve Data

C	R	△	T	L	Chord	Chd. Bearing
C 1	125.00	09°10'38"	10.03	20.02	20.00	N22°55'19"E
C 2	125.00	48°46'18"	56.67	106.40	103.22	N51°33'47"E
C 3	125.00	13°47'04"	15.11	30.09	30.00	N83°10'28"E
C 4	75.00	71°44'00"	54.22	94.07	87.89	N54°12'00"E
C 5	100.00	71°44'00"	72.30	125.43	117.18	N54°12'00"E

LEGEND

- 5/8" Rebar Set
- o 1/2" Rebar Set
- ⊙ Brass Cap

SCALE



ROBERT M. NELSON

Briggs & Associates
CONSULTING ENGINEERS
619 Grove Street
Boise, Idaho

PLAT OF GOLD HILL SUBDIVISION

CERTIFICATE OF OWNERS

KNOWN ALL MEN BY THESE PRESENTS: That the City of Idaho City, Incorporated under the laws of the State of Idaho, does certify that it is the owner of a certain tract of land as shown on this plat situated in the City of Idaho City, County of Boise, State of Idaho, to wit:

Beginning at the Northeast corner of the Idaho City Townsite, which is also the Northeast corner of the SE 1/4, NW 1/4, Section 26, T.6 N., R.5 E., B.M.; thence North 89°56' West along the north boundary of said SE 1/4, NW 1/4, 1335.17 feet to a brass cap marking the Northwest corner of the Idaho City Townsite and the Northwest corner of the said SE 1/4, NW 1/4; thence South 00°26' East 442.67 feet to an iron pin on the northerly boundary of Placerville Road; thence along the northerly boundary of Placerville Road the following courses and distances; South 68°13'00" East 177.16 feet to an iron pin, South 64°39'30" East 147.31 feet to an iron pin, South 63°29'30" East 211.25 feet to an iron pin, South 61°00'00" East 40.94 feet to an iron pin; thence North 09°04'30" East 362.94 feet to an iron pin; thence South 80°55'30" East 375.00 feet to an iron pin; thence North 09°04'30" East 150.00 feet to an iron pin; thence South 80°55'30" East 125.00 feet to an iron pin; thence South 09°04'30" West 335.69 feet to an iron pin; thence South 80°55'30" East 292.89 feet to an iron pin; thence North 00°08'40" West along the East boundary of said Idaho City Townsite and said SE 1/4, NW 1/4, 634.07 feet to the point of beginning.

The streets as shown on this plat of "GOLD HILL SUBDIVISION" are hereby dedicated to the use of the public.

IN WITNESS WHEREOF: The City of Idaho City, Idaho, has hereunto caused its corporate name to be subscribed and seal to be affixed by resolution of the City Council at a regular meeting held on this 11th day of August, 1970.

CITY OF IDAHO CITY, IDAHO

By: Roger B. Jackson Mayor
Attest: Ruth H. Prince City Clerk

CERTIFICATE OF ENGINEER

I, ROBERT M. NELSON, P.E., do hereby certify that I am a Professional Engineer, licensed by the State of Idaho, and that this plat of the "GOLD HILL SUBDIVISION" as described in Certificate of Owners, and as shown on the attached plat, was drawn from an actual survey made on the ground under my direct supervision, and accurately represents the points plotted thereon, and is in conformity with the State of Idaho Code relating to plats and surveys.

Robert M. Nelson, P.E.



APPROVAL OF CITY COUNCIL

Accepted and approved this 11th day of August, 1970, by the City Council of the City of Idaho City, Idaho, in meeting.

By: Roger B. Jackson Mayor
Attest: Ruth H. Prince City Clerk

APPROVAL OF BOARD OF COUNTY COMMISSIONERS

Accepted and approved this _____ day of _____, 1970, by the Board of County Commissioners of Boise County, Idaho, in meeting.

By: William M. Young Chairman

CERTIFICATE OF COUNTY RECORDER

STATE OF IDAHO) ss
COUNTY OF BOISE)

Instrument No. 75756

I hereby certify that this instrument was filed at the request of Ruth H. Prince, Clerk of Idaho City at 20 minutes past 10 o'clock A M., this 14th day of Sept, 1970, in my office and was duly recorded in Book _____ of Plats at

Page _____

By: _____ Deputy
Fee: 5.00
By: Katherine M. Brown Ex-Officio Recorder

Adm. Had

ORIGINAL

ORDINANCE NO. 3-2000

AN ORDINANCE OF BOISE COUNTY, A POLITICAL DIVISION OF THE STATE OF IDAHO SETTING FORTH A PURPOSE, DEFINING THE AREA OF CITY IMPACT FOR THE CITY OF IDAHO CITY, ADOPTING THE APPLICABLE PLANS AND ORDINANCES FOR SUCH AREA, PROVIDING FOR THE ENFORCEMENT OF SAID ORDINANCES, PROVIDING REFERRAL TO THE CITY FOR INPUT, PROVIDING FOR THE AMENDMENT AND SEVERABILITY OF THIS ORDINANCE AND THE REPEAL OF ORDINANCES IN CONFLICT THEREWITH AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, pursuant to Idaho Code Section 67-6526, the City of Idaho City and Boise County, Idaho have conferred and negotiated in good faith upon an area of city impact for the City of Idaho City within the unincorporated area of Boise County; and

WHEREAS, Boise County, pursuant to public notice as required by law, held a public hearing on the proposed area of city impact; and

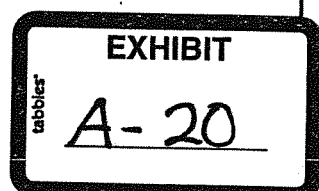
WHEREAS, the City of Idaho City and Boise County, in accordance with the procedure required by law, have mutually agreed upon an area of city impact for the City of Idaho City within the unincorporated area of Boise County, Idaho,

NOW THEREFORE BE IT ORDAINED by the Boise County Board of Commissioners:

SECTION 1. PURPOSE: The purpose of establishing the Idaho City area of city impact is to identify an urban fringe area in the unincorporated territory surrounding the city within which there is potential for development or changes in land use that must be planned for in an orderly and compatible manner in order to insure timely and economical provision of public services such as water supply, sanitary sewer collection and treatment, public safety services, other community service facilities, and to promote land use compatibility, street alignment and traffic flow objectives.

SECTION 2. AREAS OF CITY IMPACT DEFINED: The area of city impact shall consist of an area where development or use of land affects or may affect the City of Idaho City, in consideration of trade areas, geographic factors and areas that can reasonably be expected to be annexed to the city in the future. Within the area of city impact, certain county and city standards and hearing procedures set forth herein will be imposed.

Within that area, upon an application to the county or the county's planning commission for a subdivision, comprehensive plan change, request for a special or conditional use permit, planned unit development, variance request, or similar land use request, written notice shall be provided to the City of Idaho City of any public hearing related to the application. The city shall have sufficient notice to be able to comment on such applications prior to public hearing.



ORIGINAL

SECTION 3. GEOGRAPHIC AREAS OF CITY IMPACT ESTABLISHED AND DEFINED: The officially adopted area of city impact is identified by Boise County Ordinance 2-2000 and is officially made a part hereof by reference, said map being specifically adopted by Idaho City by Ordinance, and Boise County by Ordinance.

The Idaho City area of city impact shall be reevaluated by the city and Boise County at such times as they may agree upon to consider possible changes in the geographic area affected and/or other provisions of this ordinance including but not limited to applicable standards.

SECTION 4. STANDARDS: Upon adoption of an area of city impact by the city and county, the following standards shall apply whenever an agency, planning and/or zoning commission, hearing examiner or governing body of the city or county considers a zoning change, request for a special or conditional use permit, planned unit development, variance request or subdivision plat within the area of city impact. Within the area of city impact, the following standards shall apply:

1. Boise County Comprehensive Plan
2. Boise County Subdivision Ordinance
3. Boise County Zoning Ordinance; and
4. Boise County Building Permit Ordinance
5. Boise County Building Code Ordinance
6. Boise County Road Standards Ordinance
7. All other standards of and applicable Boise County codes and ordinances.

The City of Idaho City has voluntarily limited its annexation authority as set forth in Idaho Code Section 50-222 as follows:

The city will not annex property without a request for annexation by the owner of the property in question.

SECTION 5. ENFORCEMENT: Boise County shall be responsible for the administration and enforcement of the ordinances listed in Section 4 above within the area of city impact, and shall set fees for services performed to recapture direct costs of inspections, administration, legal publications, and any development fees for other costs arising from fulfilling the terms of each ordinance or regulation.

A certificate shall appear on the face of a final plat for execution by the City Engineer or City Council attesting to the plat's conformance with municipal requirements and approval.

SECTION 6. STANDARD AMENDMENT AND NOTICE: Prior to amendment by the County of any of Boise County's ordinances set forth above in Section 4, which are applicable in the area of city impact, the County shall forward the proposed change to the

ORIGINAL

city for review and comment at least thirty (30) days prior to the passage of such amendment.

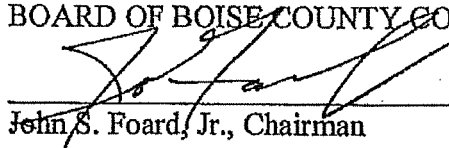
SECTION 7. The provisions of this ordinance are severable and if any portion thereof is held Illegal, Invalid, or unconstitutional.

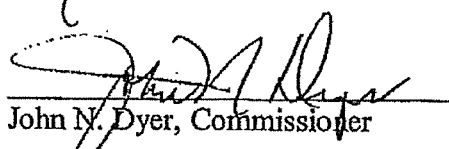
SECTION 8. All ordinances and parts of ordinances in conflict with this ordinance are hereby repealed.

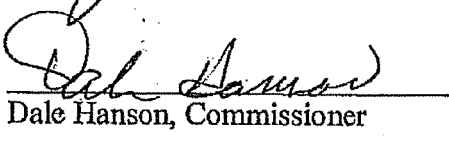
SECTION 9. This ordinance shall be in full force and effect from and after its passage, approval and publication according to law.

ADOPTED AND APPROVED this 22nd day of November, 1999.

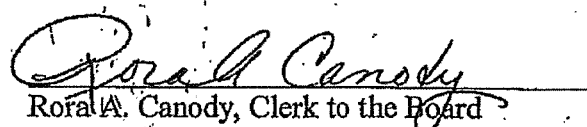
BOARD OF BOISE COUNTY COMMISSIONERS


John S. Foard, Jr., Chairman


John N. Dyer, Commissioner


Dale Hanson, Commissioner

Attest:


Rora A. Canody, Clerk to the Board

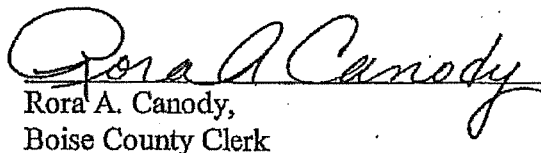
COUNTY OF BOISE
SUMMARY OF ORDINANCE # 2-2000
BOISE COUNTY ORDINANCE CREATING AN AREA OF IMPACT FOR THE CITY
OF IDAHO CITY

AN ORDINANCE OF BOISE COUNTY, A POLITICAL DIVISION OF THE STATE OF IDAHO, SETTING FORTH A PURPOSE, ESTABLISHING A CITY OF IDAHO CITY AREA OF CITY IMPACT, DEFINING THE BOUNDARIES OF THE AREA OF CITY IMPACT, ESTABLISHING PROCEDURAL STANDARDS FOR MODIFICATION OF THE BOUNDARIES OF THE AREA OF CITY IMPACT, PROVIDING AN EFFECTIVE DATE, AND REPEALING ALL ORDINANCES IN CONFLICT HEREWITH.

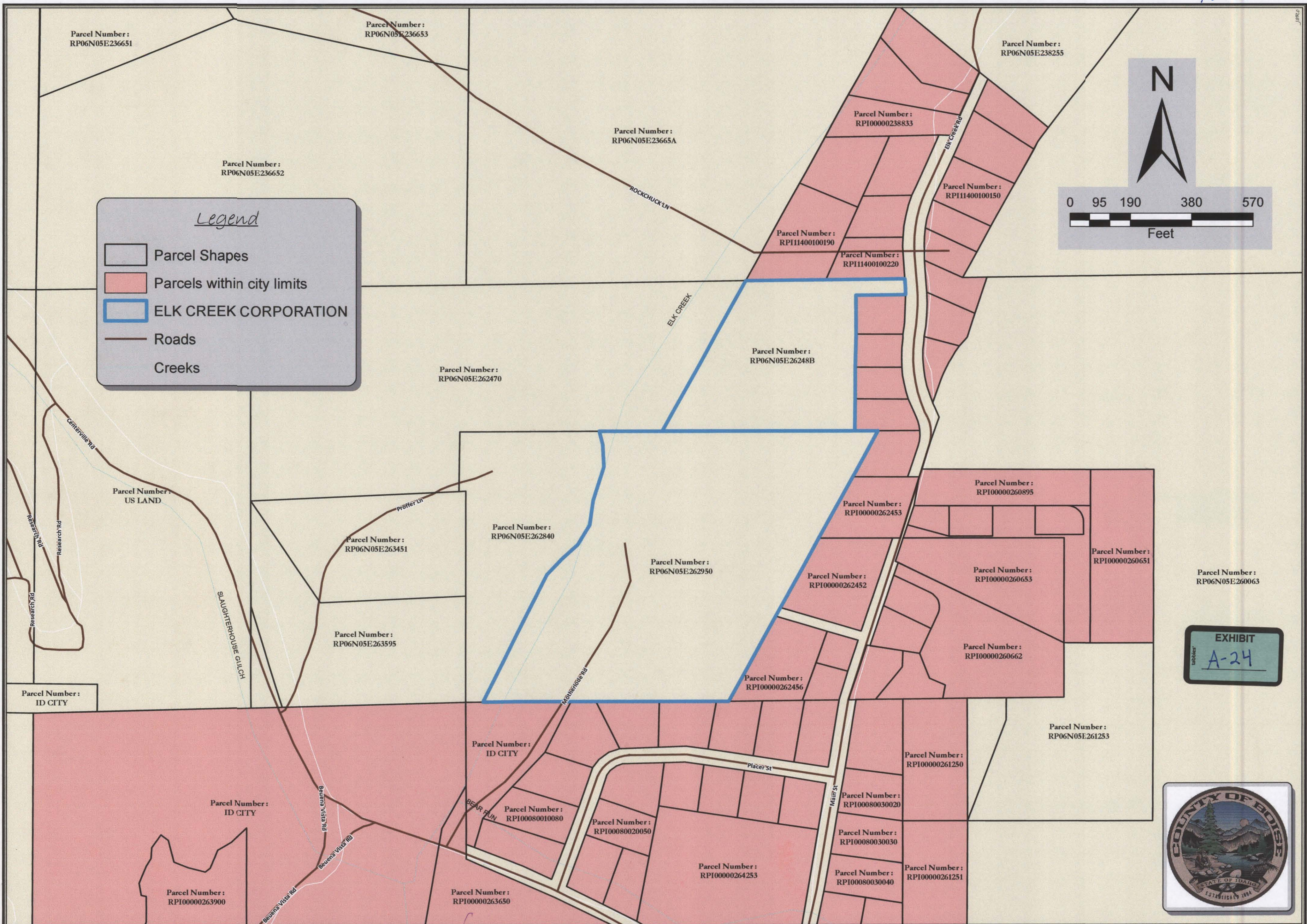
CERTIFICATE OF COUNTY CLERK

I HEREBY CERTIFY pursuant to the provisions of SEC 31-715A, Idaho Code, that the attached summary of Ordinance #2-2000 of Boise County, Idaho, is true and complete and provides adequate notice to the public of its contents.

ATTEST:


Rora A. Canody,
Boise County Clerk

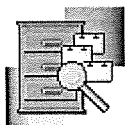
Admitted



Northern Portion of Idaho City

November 7, 2011

This map is only a representation of parcel boundaries and should not be used for legal surveying applications or boundary resolutions. Please contact Boise County Assessor's Office with any questions. 208.392.4415



Idaho Statutes

TITLE 50 MUNICIPAL CORPORATIONS

CHAPTER 6 MAYOR

50-606. POLICE POWERS OF MAYOR. The mayor shall have such jurisdiction as may be vested in him by ordinance over all places within five (5) miles of the corporate limits of the city, for the enforcement of any health or quarantine ordinance and regulation thereof, and shall have jurisdiction in all matters vested in him by ordinance, except taxation, within one (1) mile of the corporate limits of said city and over such properties as may be owned by the city without the corporate limits.

The Idaho Code is made available on the Internet by the Idaho Legislature as a public service. This Internet version of the Idaho Code may not be used for commercial purposes, nor may this database be published or repackaged for commercial sale without express written permission.

The Idaho Code is the property of the state of Idaho, and is copyrighted by Idaho law, I.C. § 9-352. According to Idaho law, any person who reproduces or distributes the Idaho Code for commercial purposes in violation of the provisions of this statute shall be deemed to be an infringer of the state of Idaho's copyright.

EXHIBIT A

9-1-32

9-1-35

- B. Violation: Violation of this section after one verbal or written notice shall constitute a misdemeanor. (Ord. 213, 9-11-1990, eff. 10-1-1990; amd. 2000 Code)

9-1-33: PENALTY:

- A. Violation: Any person found to be violating any provision of this chapter shall be guilty of a misdemeanor.
- B. Liability For Expense, Loss Or Damage: Any person violating any of the provisions of this chapter shall become liable to the city for any expense, loss or damage occasioned by the city by reason of such violation. (Ord. 213, 9-11-1990, eff. 10-1-1990)

9-1-34: WATER USAGE DAILY LIMIT FOR UNLICENSED RECREATIONAL VEHICLES:

- A. Limit Established: It shall be unlawful for anyone without having first obtained a valid recreational vehicle sticker issued by any jurisdiction or authority to take more than ten (10) gallons of potable water per day from the RV dump station located at 206 West Commercial Street or from the visitor center located at 100 Main or from any water source located on property owned or maintained by the city of Idaho City.
- B. Violation: Violation of this section after one verbal or written notice shall constitute a misdemeanor. (Ord. 299, 5-27-2003)

9-1-35: PRIVATE WELLS:

- A. For the purpose of this section a "private well" is a well that upon its completion is not owned and operated by the city of Idaho City, Idaho.
- B. It shall be unlawful for any person to construct a private well in the city without first obtaining approval from the city council.
- C. It shall be unlawful for any person to construct a private well in the city that is deeper than thirty feet (30').

EXHIBIT B

August 2011

- D. If property in the city is within two hundred fifty feet (250') of city water service, it shall be unlawful to use any private well on such property to provide water for any purpose except irrigation water. The measurement of the distance from the property to the water service shall be a straight line from the water service to the part of the property closest to the service.
- E. The owner of any house, building or property used for human occupancy, employment, recreation or other purposes situated within the city shall at the owner's expense connect such improvements to city water in accordance with existing application procedures if city water service is available within two hundred fifty feet (250') of the owner's property. The measurement shall be the same as set forth in subsection D of this section.
- F. After property in the city has at any time been connected to city water, it shall be unlawful to use any private well on such property to provide water for any purpose except irrigation water. (Ord. 313, 3-29-2007)

Table of Contents

58.01.08 - Idaho Rules for Public Drinking Water Systems

000. Legal Authority.	4
001. Title And Scope.	4
002. Incorporation By Reference And Availability Of Referenced Materials.	4
003. Definitions.	6
004. Coverage.	19
005. General Provisions For Waivers, Variances, And Exemptions.	19
006. Siting Requirements.	20
007. Disapproval Designation.	20
008. Health Hazards.	21
009. Monitoring.	21
010. Fee Schedule For Public Drinking Water Systems.	21
011. Continuity Of Service.	23
012. Written Interpretations.	23
013. Use Of Guidance.	24
014. Administrative Provisions.	24
015. Confidentiality Of Records.	24
016. Office Hours -- Mailing Address And Street Address.	24
017. -- 049. (Reserved)	24
050. Maximum Contaminant Levels And Maximum Residual Disinfectant Levels.	24
051. -- 099. (Reserved)	25
100. Monitoring And Analytical Requirements.	25
101. -- 149. (Reserved)	28
150. Reporting, Public Notification, Recordkeeping.	28
151. Consumer Confidence Reports.	28
152. -- 199. (Reserved)	28
200. Special Regulations.	28
201. -- 249. (Reserved)	29
250. Maximum Contaminant Level Goals And Maximum Residual Disinfection Level Goals.	29
251. -- 299. (Reserved)	29
300. Filtration And Disinfection.	29
301. Enhanced Filtration And Disinfection - Systems Serving Ten Thousand Or More People.	33
302. Sanitary Surveys For Systems Using Surface Water Or Ground Water Under The Direct Influence Of Surface Water.	34
303. Sanitary Surveys For Public Water Systems Using Ground Water.	34
304. Composite Correction Program (CCP).	35
305. -- 309. (Reserved)	36
310. Enhanced Filtration And Disinfection - Systems Serving Fewer Than Ten Thousand People.	36
311. Enhanced Filtration And Disinfection For Cryptosporidium -- Long Term 2	

Enhanced Surface Water Treatment Rule.	36
312. -- 319. (Reserved)	36
320. Disinfectant Residuals, Disinfection Byproducts, And Disinfection Byproduct Precursors.	36
321. Initial Distribution System Evaluations.	37
322. Stage 2 Disinfection Byproducts Requirements.	37
323. Ground Water Rule.	37
324. -- 349. (Reserved)	38
350. Control Of Lead And Copper.	38
351. -- 399. (Reserved)	39
400. Secondary MCLS.	39
401. -- 449. (Reserved)	39
450. Use Of Non-Centralized Treatment Devices.	39
451. Treatment Techniques.	41
452. -- 499. (Reserved)	41
500. Facility And Design Standards: Demonstration Of Technical, Financial, And Managerial Capacity Of Public Drinking Water Systems.	42
501. Facility And Design Standards: General Design Requirements For Public Drinking Water Systems.	43
502. Facility And Design Standards: Facility Plans.	46
503. Facility And Design Standards: Preliminary Engineering Reports.	48
504. Facility And Design Standards: Review Of Plans And Specifications.	51
505. -- 509. (Reserved).	55
510. Facility And Design Standards: Siting And Construction Of Wells.	55
511. Facility And Design Standards: Well Pumps, Discharge Piping, And Appurtenances.	60
512. Facility And Design Standards: Well Lot.	62
513. Facility And Design Standards: Number Of Ground Water Sources Required – Existing Systems.	63
514. Facility And Design Standards: Spring Sources.	63
515. Facility And Design Standards: Surface Sources And Ground Water Sources Under The Direct Influence Of Surface Water.	64
516. -- 517. (Reserved).	65
518. Facility And Design Standards: Additional Design Criteria For Surface Water Treatment.	65
519. Facility And Design Standards: Surface Water Treatment; Design Standards For Microscreening.	67
520. Facility And Design Standards: Surface Water Treatment: Clarification Processes.	68
521. Facility And Design Standards: Surface Water Treatment: Filtration Using Rapid Rate Gravity Filters.	71
522. Facility And Design Standards: Surface Water Treatment: Filtration Using Diatomaceous Earth.	75
523. Facility And Design Standards: Surface Water Treatment: Slow Sand Filtration.	76
524. Facility And Design Standards: Surface Water Treatment: Direct Filtration. ..	78

525. -- 529. (Reserved).	78
530. Facility And Design Standards: Disinfection Of Drinking Water.	78
531. Facility Design Standards: Design Standards For Chemical Application.	84
532. Facility And Design Standards: Design Standards For Softening.	90
533. Facility And Design Standards: Design Standards For Taste And Odor Control.	92
534. Facility And Design Standards: Aeration Processes.	92
535. Facility And Design Standards: Design Standards For Iron And Manganese Control Systems.	96
536. Facility And Design Standards: Design Standards For Fluoridation.	98
537. Facility And Design Standards: Design Standards For Stabilization.	99
538. -- 539. (Reserved).	100
540. Facility And Design Standards: Design Standards For Treatment And Disposal Of Waste Residuals.	100
541. Facility And Design Standards - Pumping Facilities.	102
542. Facility And Design Standards - Distribution System.	105
543. Facility And Design Standards - Cross Connection Control.	108
544. Facility And Design Standards: General Design Of Finished Water Storage.	109
545. Facility And Design Standards: Treatment Plant Storage Facilities.	112
546. Facility And Design Standards: Distribution System Storage Facilities.	112
547. Facility And Design Standards: Hydropneumatic Tank Systems.	112
548. Facility And Design Standards: Disinfection Of Facilities Prior To Use.	113
549. -- 551. (Reserved)	113
552. Facility And Design Standards: Operating Criteria For Public Water Systems.	113
553. Classification Of Water Systems.	118
554. License Requirements.	118
555. -- 559. (Reserved)	119
560. Contracting For Services.	119
561. -- 562. (Reserved)	119
563. Advisory Group.	119
564. -- 899. (Reserved)	119
900. Tables.	119
901. -- 999. (Reserved)	120

e. A recommendation of staff qualifications, including training, experience, certification or licensing, and continuing education; (5-8-09)

f. An explanation of how the water system will establish and maintain effective communications and relationships between the water system management, its customers, professional service providers, and any applicable regulatory agencies; and (4-5-00)

g. Evidence of planning for future growth, equipment repair and maintenance, and long term replacement of system components. (4-5-00)

04. Submittal Form. The Department shall provide a standard form to be used in preparing a new system capacity demonstration. The submittal form and general guidance on how to prepare a new system capacity document is provided in, "How to Demonstrate Financial, Technical, and Managerial Capacity in New Public Water Systems." This document may be requested from the Department and is available on the DEQ website at <http://www.deq.idaho.gov>. (5-8-09)

05. Expanding Systems. A public water system which comes into existence as a result of growth in population or number of service connections within a previously unregulated system will be considered a new system under these rules and is subject to all design, construction and operating requirements herein. (4-5-00)

06. Consolidation. In demonstrating new system capacity, the owner of the proposed new system must investigate the feasibility of obtaining water service from an established public water system. If such service is available, but the owner elects to proceed with an independent system, the owner must explain why this choice is in the public interest in terms of environmental protection, affordability to water users, and protection of public health. (4-5-00)

07. Exclusion. New public water systems which are public utilities as defined in Sections 61-104 (Corporation), 61-124 (Water System), 61-125 (Water Corporation), and 61-129 (Public Utility), Idaho Code, must meet the regulatory requirements of the Idaho Public Utilities Commission (IPUC) in Chapter 1, Title 61, Idaho Code, Public Utilities Law, and IDAPA 31.01.01, "Rules of Procedure of the Idaho Public Utilities Commission." Such water systems will not be required to meet any requirements of this Section which are in conflict with the provisions and requirements of the IPUC. (4-5-00)

501. FACILITY AND DESIGN STANDARDS: GENERAL DESIGN REQUIREMENTS FOR PUBLIC DRINKING WATER SYSTEMS.

Unless otherwise specified by the Department, the design of new drinking water systems, or modifications to existing, public drinking water systems, shall be in conformance with the facility and design standards set forth in Sections 006 and 500 through 552 of these rules. The following general design requirements shall apply as applicable for the type of water system and the treatment or other processes employed. (3-30-07)

01. Materials Used in Construction. Products that are used to construct public drinking water systems and have water contact surfaces shall conform to applicable AWWA standards and be certified by an accredited ANSI certification body to meet applicable ANSI/NSF standards, where products meeting such AWWA and ANSI/NSF standards exist. In the absence of such products, products meeting applicable product standards and acceptable to the reviewing authority may be selected. Corrosion control shall be taken into account during all aspects of public water system design. (5-8-09)

02. Additives Used in Operation. No chemical or other substance shall be added to drinking water, nor shall any process be utilized to treat drinking water, unless specifically approved by the Department. All chemicals shall conform to applicable AWWA standards and be certified by an accredited ANSI certification body to meet ANSI/NSF Standard 60, referenced in Subsection 002.02. (3-30-07)

03. Design Basis. The system, including the water source and treatment facilities, shall be designed to provide either peak hour demand of the system or maximum day demand plus equalization storage at the design year. (5-8-09)

04. Design of Treatment Facilities. Design of treatment facilities shall address: (3-30-07)



1-8-1

1-8-1

CHAPTER 8

AREA OF CITY IMPACT

SECTION:

- 1-8-1: Applicable County Plans And Ordinances
- 1-8-2: County Enforcement
- 1-8-3: City Limitation On Annexation Authority (Rep. by Ord. 319, 6-24-2008)
- 1-8-4: Impact Area Map

1-8-1: APPLICABLE COUNTY PLANS AND ORDINANCES:

- A. Enumerated: Within the area of city impact identified by ordinance 279, the following plans, codes and ordinances shall apply whenever development within the area of city impact is being considered by the city or the county:
 - 1. Boise County comprehensive plan.
 - 2. Boise County subdivision ordinance.
 - 3. Boise County zoning and development ordinance.
 - 4. Boise County code ordinance.
 - 5. Boise County building permit ordinance.
 - 6. Boise County road standards ordinance.
 - 7. All other standards of and applicable Boise County codes and ordinances.
- B. Notice From County: Boise County agrees to notify Idaho City of any land development proposals, considerations, applications, new ordinances or changes to existing ordinances, or any other considerations or proposals that will affect land use within the agreed upon

Idaho City



1-8-1

1-8-4

area of city impact. The county will take into consideration any comments offered by the city concerning these issues. (Ord. 280, 12-14-1999)

1-8-2: **COUNTY ENFORCEMENT:** Boise County shall be responsible for the administration and enforcement of all ordinances applicable within the area of city impact. (Ord. 280, 12-14-1999)

1-8-3: **CITY LIMITATION ON ANNEXATION AUTHORITY:** (Rep. by Ord. 319, 6-24-2008)

1-8-4: **IMPACT AREA MAP:** The Idaho City area of impact shall be the area defined by the map attached to ordinance 279 as exhibit A, on file in the office of the city clerk, and incorporated herein by reference. (Ord. 279, 12-14-1999)