

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 95-12953

Exam Date: 8/20/2015

1. Current Owner:
SPRINGVIEW WATER ASSN PO BOX 2437 COEUR D ALENE ID 83816 (208) 661-1216

2. Accompanied by: Mr. John
Relationship to Permit Holder: Contacts father

3. SOURCE: GROUND WATER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: None
2. Other water rights with the same point-of-diversion: None

C. DIVERSION AND DELIVERY SYSTEM**1. LOCATION OF POINT(S) OF DIVERSION:**GROUND WATER NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 18, Twp 50N, Rge 03W, B.M. KOOTENAI County

Method of Determination: GPS and maps. POD location at 47° 41.077, 116° 44.911 (A0015469)

2.

PLACE OF USE: FIRE PROTECTION

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
50N	03W	18	X	X															

PLACE OF USE: DOMESTIC

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
50N	03W	18	X	X															

PLACE OF USE: STOCKWATER

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
50N	03W	18	X	X															

Method of Determination: GPS and maps.

3.

Delivery System Diagram Attached (required). Indicate all major components and distances between components. Indicate weir size/pipe as applicable.

 Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be 1:24,000 or greater.

 X

 X Aerial Photo Attached (required for irrigation of 10+ acres).

 X Photo of Diversion and System Attached

4.

Well or Diversion ID No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
95-93-N-121	FRANKLIN	3			

*Code to correspond with No. on map and aerial photo

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date

2. Measurements: N/A

E. FLOW CALCULATIONS

 Additional Computation Sheets Attached

Measured Method: UNABLE TO PERFORM FLOW MEASUREMENT. THEORETICAL PUMPING EQUATION ESTIMATES FLOW RATE AT
 $(3 \text{ HP})(8.8)(0.8) / (265 + (40 \times 2.3087)) = 0.06 \text{ CFS}$

IDWR ASSUMED PUMP WAS SET AT 265 FEET AND THAT SYSTEM RAN AT 40 PSI.

F. VOLUME CALCULATIONS**1. Volume Calculations for Irrigation:**

$$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$$

$$V_{DR} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 =$$

$$V = \text{Smaller of } V_{IR} \text{ and } V_{DR} =$$

2. Volume Calculations for Other Uses: DOMESTIC USE FOR 8 HOMES WITH IRRIGATION UP TO 1/2 ACRE = 8 X 1.2 AF = 9.6 AF

STOCKWATER FOR 10 HEAD OF MIXED STOCK = 12 GPD X 10 STOCK X 365 DAYS / 325,850 GAL/AF = 0.1 AF

G. NARRATIVE/REMARKS/COMMENTS

FIELD EXAM SHOWED APPLICANTS HAD WELL WITH 3 HP PUMP RUNNING AT ASSUMED 40 PSI. UNABLE TO PERFORM A FLOW MEASUREMENT SO THEORETICAL PUMPING EQUATION ESTIMATES FLOW RATE AT 26.6 GPM OR 0.06 CFS. APPLICANT HAD APPLIED FOR DOMESTIC USE FOR 8 HOMES, IRRIGATION OF 5 ACRES AND STOCKWATER USES. FIELD EXAM SHOWED 4 HOMES WERE BUILT AND 4 HOMES WERE STUBBED IN. LICENSE WILL BE ISSUED FOR 8 HOMES. BECUASE 4 HOMES ARE NOT BUILT BUT STUBBED OUT IDWR WILL ISSUE THE LICENSE FOR 8 HOMES WITH IRRIGATION UP TO 1/2 ACRE PER HOME, STOCKWATER, AND FIRE PROTECTION.

Have conditions of permit approval been met? X Yes No

H. RECOMMENDATIONS**1. Recommended Amounts**

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
DOMESTIC	01/01 to 12/31	0.06 CFS	9.6 AF
STOCKWATER	01/01 to 12/31	0.02 CFS	0.1 AF
FIRE PROTECTION	01/01 to 12/31	0.06 CFS	
<u>Totals:</u>		0.060 CFS	9.70 AF

2. Recommended Amendments

 Change P.D. as reflected above Add P.D. as reflected above X None

 Change P.U. as reflected above Add P.U. as reflected above None

I. AUTHENTICATION

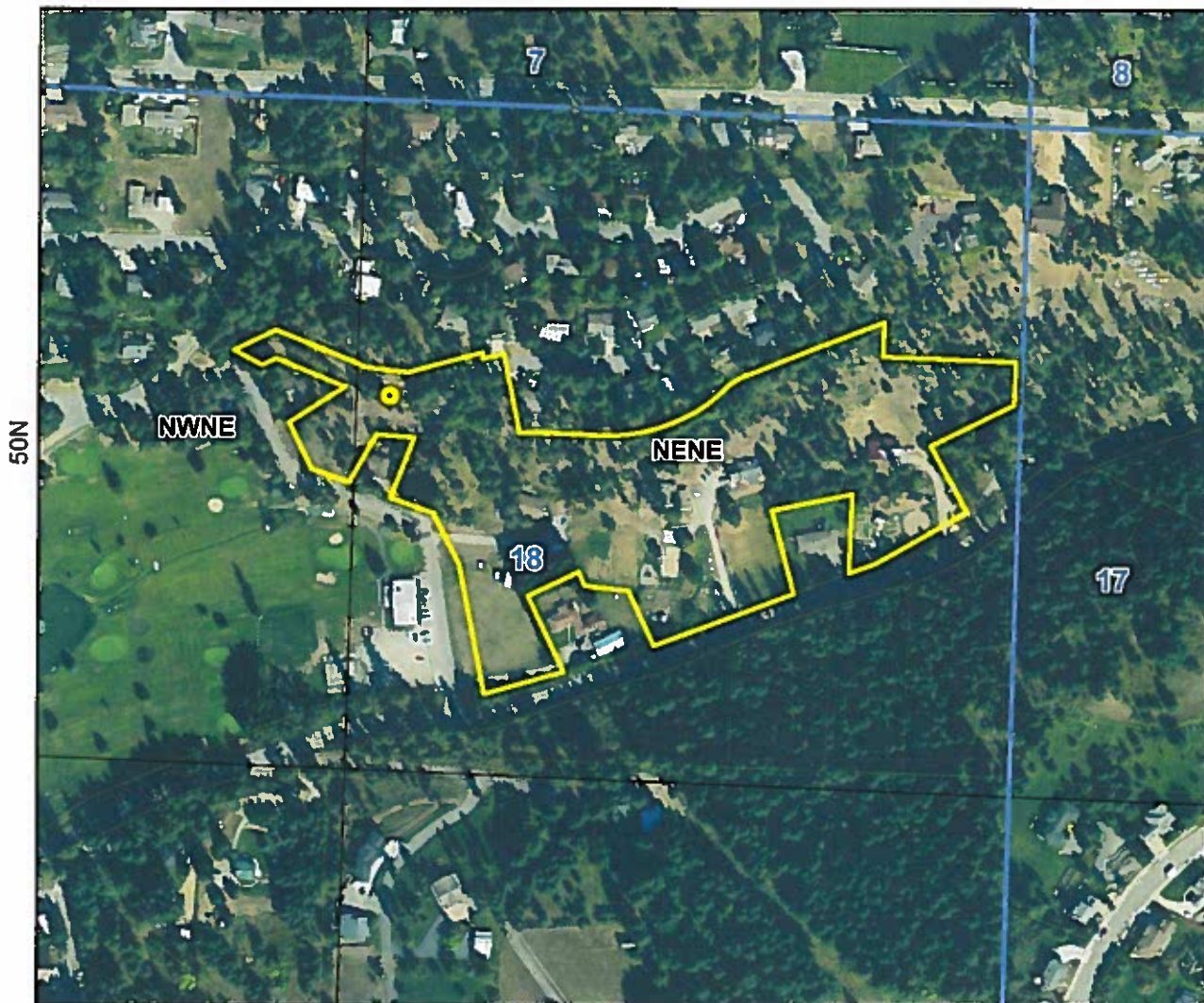
Field Examiner's Name Adam Fink Date 3-14-16

Reviewer Morgan Case Date 3/14/2016

State of Idaho
Department of Water Resources
Water Right License
95-12953

Water Service Area Boundary for Springview Water Assn

03W



Point of Diversion



Place Of Use Boundary



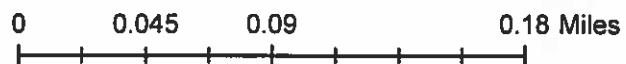
Townships



PLS Sections



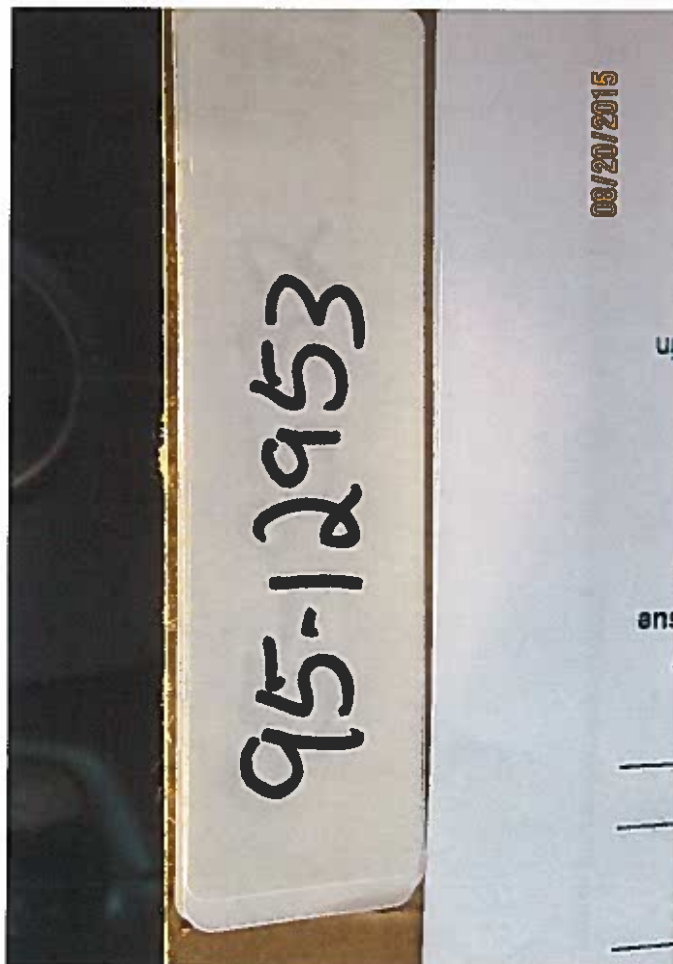
Taxlots



THEORETICAL PUMPING EQUATION FOR WATER RIGHT 95-12953

IDWR WILL ASSUME PUMP IS SET AT 265 FEET AND THAT SYSTEM RUNS AT 40 PSI.

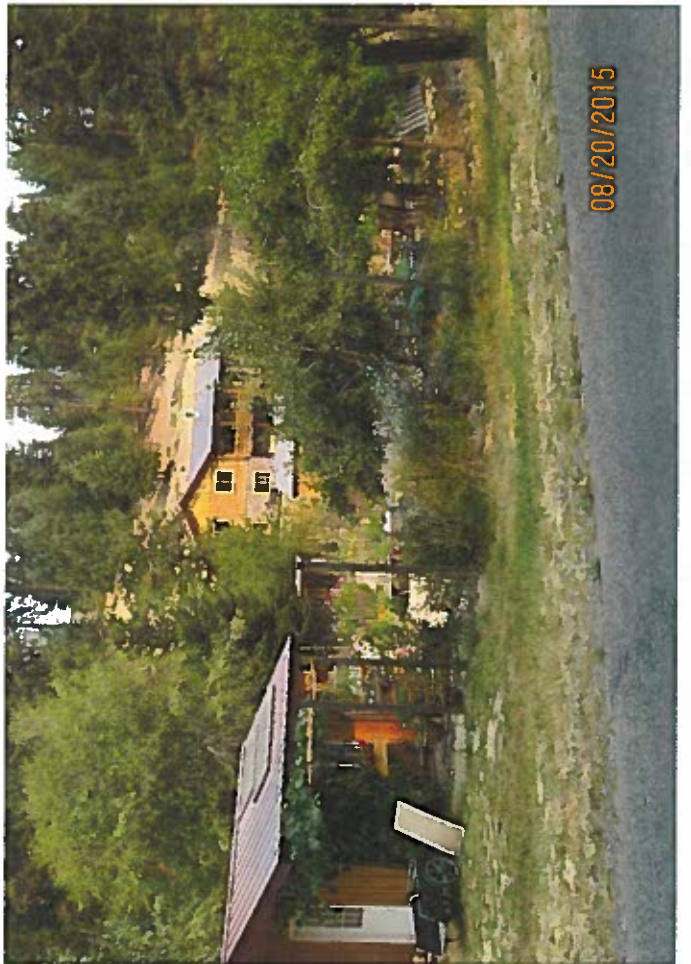
PUMP EQUATIONS WATER RIGHT No. 95-12953						
		HP	H in feet	Efficiency as a decimal	Pumping lift in feet	System pressure in PSI
Q =	$\frac{HP \cdot 8.8 \cdot \text{Eff}}{H}$	3	357.517	0.8	265	40
Q = 0.059 cfs 26.6 gpm						



95-12953



95-12953



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STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
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.

RECEIVED
USE TYPEWRITER OR
BALLPOINT PEN
JUL 16 1993
NORTHERN REGION
IDWR

1. WELL OWNER Name <u>MIKE CARPER</u> Address <u>PO BOX 79 COEUR D'ALENE ID 83814</u> Drilling Permit No. <u>95-93-N-121-000</u> Water Right Permit No. _____	7. WATER LEVEL Static water level <u>100</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 ☐ Bailor ☒ 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>25 to 30</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	25 to 30																																																																																												
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3. PROPOSED USE ☒ Domestic ☐ Irrigation ☐ Monitor ☐ Industrial ☐ Stock ☐ Waste Disposal or Injection ☐ Other _____ (specify type)	9. LITHOLOGIC LOG 89608 <table border="1"><thead><tr><th>Bore Diam.</th><th>Depth From</th><th>To</th><th>Material</th><th>Water Yes</th><th>No</th></tr></thead><tbody><tr><td>10</td><td>0</td><td>18</td><td>BASALT CEMENTED W/CLAY</td><td></td><td>X</td></tr><tr><td>8</td><td>18</td><td>100</td><td>BASALT GRAVEL W/CLAY</td><td></td><td>X</td></tr><tr><td>8</td><td>100</td><td>109</td><td>BASALT GRAVEL W/CLAY</td><td></td><td>X</td></tr><tr><td>6</td><td>109</td><td>130</td><td>BASALT FRACTURED W/WATER APPROXIMATE 5 GPM</td><td>X</td><td></td></tr><tr><td>6</td><td>130</td><td>160</td><td>CLAY DARK BROWN HARD</td><td></td><td>X</td></tr><tr><td>6</td><td>160</td><td>173</td><td>CLAY GRAY MED</td><td></td><td>X</td></tr><tr><td>6</td><td>173</td><td>175</td><td>CLAY GRAY W/WOOD SOFT</td><td></td><td>X</td></tr><tr><td>6</td><td>175</td><td>201</td><td>CLAY LIGHT GRAY MED</td><td></td><td>X</td></tr><tr><td>6</td><td>201</td><td>212</td><td>CLAY BROWN MED</td><td></td><td>X</td></tr><tr><td>6</td><td>212</td><td>218</td><td>BASALT GRAY HARD</td><td></td><td>X</td></tr><tr><td>6</td><td>218</td><td>232</td><td>CLAY LIGHT BROWN MED</td><td></td><td>X</td></tr><tr><td>6</td><td>232</td><td>233</td><td>CLAY DARK BROWN MED</td><td></td><td>X</td></tr><tr><td>6</td><td>233</td><td>249</td><td>GRANITE DARK GRAY HARD</td><td></td><td>X</td></tr><tr><td>6</td><td>249</td><td>268</td><td>GRANITE DARK GRAY FRACTURED W/WATER APPROXIMATE 20GPM</td><td>X</td><td></td></tr><tr><td>6</td><td>268</td><td>280</td><td>GRANITE DARK GRAY HARD</td><td></td><td>X</td></tr></tbody></table> NOTE: 2-4" to 6" Formation packer set at 123' & 240'	Bore Diam.	Depth From	To	Material	Water Yes	No	10	0	18	BASALT CEMENTED W/CLAY		X	8	18	100	BASALT GRAVEL W/CLAY		X	8	100	109	BASALT GRAVEL W/CLAY		X	6	109	130	BASALT FRACTURED W/WATER APPROXIMATE 5 GPM	X		6	130	160	CLAY DARK BROWN HARD		X	6	160	173	CLAY GRAY MED		X	6	173	175	CLAY GRAY W/WOOD SOFT		X	6	175	201	CLAY LIGHT GRAY MED		X	6	201	212	CLAY BROWN MED		X	6	212	218	BASALT GRAY HARD		X	6	218	232	CLAY LIGHT BROWN MED		X	6	232	233	CLAY DARK BROWN MED		X	6	233	249	GRANITE DARK GRAY HARD		X	6	249	268	GRANITE DARK GRAY FRACTURED W/WATER APPROXIMATE 20GPM	X		6	268	280	GRANITE DARK GRAY HARD		X
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4. METHOD DRILLED ☒ Rotary ☒ Air ☐ Auger ☐ Reverse rotary ☐ Cable ☐ Mud ☐ Other _____ (backhoe, hydraulic, etc.)																																																																																																	
5. WELL CONSTRUCTION Casing schedule: ☒ Steel ☐ Concrete ☐ Other _____ <table border="1"><thead><tr><th>Thickness</th><th>Diameter</th><th>From</th><th>To</th></tr></thead><tbody><tr><td>250 inches</td><td>6 inches</td><td>4 feet</td><td>109 feet</td></tr><tr><td>160psi inches</td><td>4 inches</td><td>44 feet</td><td>276 feet</td></tr><tr><td></td><td></td><td></td><td></td></tr></tbody></table> Was casing drive shoe used? ☒ Yes ☐ No o-dex Was a packer or seal used? ☒ Yes ☐ No Perforated? Skill Saw ☒ Yes ☐ No How perforated? ☐ Factory ☐ Knife ☐ Torch ☐ Gun Size of perforation? 1/3 inches by 4 inches <table border="1"><thead><tr><th>Number</th><th>From</th><th>To</th></tr></thead><tbody><tr><td>90 perforations</td><td>246 feet</td><td>276 feet</td></tr><tr><td>70 perforations</td><td>106 feet</td><td>126 feet</td></tr><tr><td></td><td></td><td></td></tr></tbody></table> 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 _____	Thickness	Diameter	From	To	250 inches	6 inches	4 feet	109 feet	160psi inches	4 inches	44 feet	276 feet					Number	From	To	90 perforations	246 feet	276 feet	70 perforations	106 feet	126 feet																																																																								
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6. LOCATION OF WELL Sketch map location must agree with written location. Subdivision Name _____ Lot No. _____ Block No. _____ County <u>Kootenai</u> Address of Well Site <u>Salmon Drive</u> (give at least name of road) NE 1/4 NE 1/4 Sec. 18 T. 50 N. R. 3 E. or S. or W. or	10. Work started <u>07/01/93</u> finished <u>07/02/93</u>																																																																																																
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>H2O WELL SVC INC</u> Firm No. <u>#448</u> Address <u>532 W HAYDEN AVE</u> Date <u>07/12/93</u> Signed by Drilling Supervisor <u>[Signature]</u> and <u>[Signature]</u> (Operator) <u>[Signature]</u> (If different than the Drilling Supervisor)																																																																																																	

75-12053

1439409

**SPRINGVIEW WATER ASSOCIATION
AGREEMENT**

STATE OF IDAHO
COUNTY OF KOOTENAI } ss
AT THE REQUEST OF
KOOTENAI COUNTY TITLE CO.

MAR 28 4 17 PM '96

DANIEL J. ENGLISH
[Signature]
KOOTENAI COUNTY TITLE CO.

Whereas, Virginia A. Carper is the owner of real property in the Northeast Quarter, Section 18, Township 50 North, Range 3 West, BM, Parcel #1, as set out on attached Exhibit "A", on which she drilled a water well; and

Whereas, Doug and Lorraine Landwehr, have caused to be constructed improvements to above mentioned water well resulting in a water system intended to service 8 residential properties; and

Whereas, parties Carper and Landwehr desire to form an association for distribution of the water from, and maintenance of said water system;

Now, Therefore, the parties agree as follows:

1. The real properties to be supplied water service will consist of eight parcels identified as Parcels #1 thru #8, as set out in attached map and identifying legal descriptions, labelled as Exhibit "A", subject to receipt of full payment for the proportionate cost of service due Landwehr from the owners of Parcels #7 and #8.
2. A nonprofit association will be formed known as the Springview Water Association, in which the owners of each of the 8 parcels will each have a 1/8 ownership, and one vote per ownership. The owners will vote in person, or by mail, at least biannually, but sooner if requested by a majority of ownerships, to elect two of the owners to be an unpaid manager and bookkeeper for the association.
3. It will be the duty of the manager to manage the water system and cause it to be maintained in a manner as to insure an uninterrupted flow of domestic water to each of the eight parcels served, insofar as is possible considering flow interruptions from various unforeseen causes. The manager will use care and diligence in securing and paying contractors, effecting workmanlike repairs, and managing the association funds, among other duties.
4. It will be the duty of the bookkeeper to maintain two-signature bank accounts for all moneys collected by the association, pay all expenses and supply each owner with an accounting at least semi-annually. The bookkeeper will allow an inspection of the accounting for any owner at any reasonable time.
5. The manager will be responsible to set monthly fees due from the owners of each active service, for maintenance and repair funds. These fees shall be determined annually by the anticipated needs for power, maintenance and reserve funds and shall be equal for all ownerships except as adjusted for excessive use. Monthly fees will be \$15 per month

beginning at the time of hookup to the system, unless adjusted by the manager. At no time will the association maintain a greater than \$3,000.00 reserve fund.

6. The association may assess its owners from time to time for the cost of extraordinary repairs or improvements upon a majority vote of the ownerships.
7. Unpaid monthly fees or assessments due from owners will constitute a lien against the real property to which the service is provided and the association will be authorized to collect those fees by whatever means provided by the laws of the State of Idaho.
8. The owners of the affected Parcels do hereby grant to the association, an easement over their real property wherever the water system apparatus, lines, tanks, etc. may be found, such as may be required to maintain the system. The association agrees to use care and diligence in any repairs necessary, causing as little disruption to the owner's property as is possible, and returning the property as near to its original condition as possible.
9. Each ownership will be entitled to use of water for domestic purposes only. The owner of each Parcel will be required to place a meter in line at the time of construction, and will permit the association representative access to read that meter whenever necessary. The association will bill each owner monthly, for the excess water used above 125% of the average usage, at a rate based on cost.
10. The association and parties Carper and Landwehr make no guarantees, warranties or representations as to the present or future quality or quantity of the water provided, nor any representation that there may be sufficient quantity for fire fighting.
11. A majority of owners may call a special meeting at any time, and for any stated purpose relating to the management and maintenance of the water system, or ammendment of this agreement.
12. The owners of the eight parcels serviced agree that this agreement will run with the land and be binding on them and any future owners of the parcels.
13. Any disputes arising from this agreement will be resolved by binding arbitration.

3/25/96
Date

Virginia A. Carper
Virginia A. Carper

3-25-96
Date

Doug Landwehr
Doug Landwehr

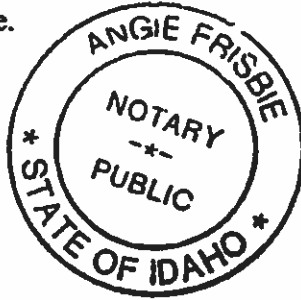
Lorraine Landwehr
Lorraine Landwehr

1439409

95-12953

State of Idaho }
 } ss
County of Kootenai }

On this 25th day of March, 1996, before me, a Notary Public in and for said State, personally appeared Virginia A. Carper, known to me to be the person whose name is subscribed to the within instrument, and acknowledged that she executed the same.



Angie Frisbie
Notary Public
Residing at Hayden, Idaho
Commission expires 1-25-2000

State of Idaho }
 } ss
County of Kootenai }

On this 25th day of March, 1996, before me, a Notary Public in and for said State, personally appeared Doug and Lorraine Landwehr, known to me to be the persons whose names are subscribed to the within instrument, and acknowledged that they executed the same.



Susan P. Forrester
Notary Public
Residing at Hayden, Idaho
Commission expires 8/22/2000