

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 21-7345

Exam Date: 9/6/2007

1. Current Owner: ISLAND PARK VILLAGE ASSN INC
C/O ROSS N REESE
HC 66 BOX 12
ISLAND PARK ID 83429
2. Accompanied by: Jay Bailey (President) and Dan Sutton (Maintenance Supervisor)
Phone No: SAA
Address: SAA
Relationship to Permit Holder:

3. **SOURCE**

POND

TRIBUTARY

HENRYS FORK

B. OVERLAP REVIEW

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

C. DIVERSION AND DELIVERY SYSTEM1. **LOCATION OF POINT(S) OF DIVERSION:**

POND NE1/4SE1/4 Sec. 24, Twp 14N, Rge 43E, B.M.
FREMONT County

Method of Determination: GPS

2.

PLACE OF USE: IRRIGATION

Tw	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
14N	43E	24													19.0	8.2		9.6	36.8
14N	44E	19											8.9						8.9
													L 12						

Total Acres: 45.7

Method of Determination: ArcView

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.
- ☒ Aerial Photo Attached (required for irrigation of 10+ acres).
- ☒ Photo of Diversion and System Attached

4.

<u>Well or Diversion</u> <u>ID No.*</u>	<u>Motor Make</u>	<u>Hp</u>	<u>Motor Serial No.</u>	<u>Pump Make</u>	<u>Pump Serial No. or Discharge</u> <u>Size</u>
A0018206	GE	75	DLJ423425	Johnston	224 / 8 inch
	GE	20	FNJ6002270	Peerless	F20633 / 3 inch

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

D. FLOW MEASUREMENTS

1.

<u>Measurement</u> <u>Equipment</u>	<u>Type</u>	<u>Make</u>	<u>Model No.</u>	<u>Serial No.</u>	<u>Size</u>	<u>Calib. Date</u>

2. Measurements:

E. FLOW CALCULATIONS

_____ Additional Computation Sheets Attached

Measured Method: 700 gpm is control by 11 different Osmal System Control Stations. See Field Exam Comments.

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 45.7 \text{ acres} \times 3 \text{ AF/year/acre} = 137.1 \text{ AFA}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = .92 \text{ cfs} \times 184 \text{ days} \times 1.9835 = 335.8 \text{ AFA}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 137.1 \text{ AFA}$$

2. Volume Calculations for Other Uses:

G. NARRATIVE/REMARKS/COMMENTS

Have conditions of permit approval been met? ☐ Yes ☒ No

Condition 5 of the permit, Island Park Resort does not rent water. However, based on the ephemeral nature of the stream below the golf course and no direct access to Henry's Fork no water could be delivered from that system leaving no entity to rent water from. Thus, it is recommended to waive this condition.

H. RECOMMENDATIONS

1. Recommended Amounts

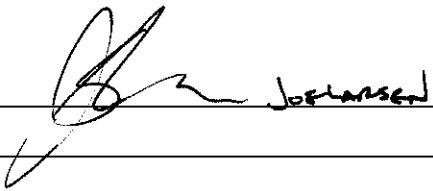
<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
IRRIGATION	05/01 to 09/30	0.920 CFS	137.1 AFA
<u>Totals:</u>		0.920 CFS	137.1 AFA

2. Recommended Amendments

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

☒ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ Other

I. AUTHENTICATION

Field Examiner's Name  Date 10 SEP 07

Reviewer _____ Date _____

Comment Report

21-7345

1. jlarsen 9/7/2007 Field Report Narrative

Comment: Water is removed from the most downstream of three ponds via a conduit to a pump house. Inside the pump house two pumps (a 75 HP and a 20 HP) pump from a stilling tank. The 75 HP pump discharges into a 8 inch line and the 20 HP discharges into a 3 inch line. The two lines converge into one 8 inch line before entering a 300 gallon tank. The tank discharges through an 8 inch line that goes into the floor. The pipes leave the building reducing to a 6 inch main line that runs around the golf course.

System is run at 700 gpm for six hours at night. The flow rate is controlled by 11 Osmal System Control Stations (a computer control unit manufactured by Toro, picture in file). 700 gpm equals 1.56 CFS, their permit is only for .92 CFS. When pumped at their current rate for the six hours they consume 148653.6 gallons/day. If they were to pump at the permitted .92 CFS for 24 hours they would consume 594614.4 gallons/day, four times more than they actually use. They run the system during the night to avoid potential conflicts with their clientele.

The system has 200 sprinkler heads, both model 670 @ 55 gpm and model 690 @ 75 gpm.

Unable to attach the Departments Fuji Meter to the system, pipes where too convoluted making for turbulent flow.

Ponds are possibly natural, they appear on the 1964 USGS 7.5 minute quadrangle. This is before the golf course expanded to the acreage around the ponds. However it is possible that the ponds have been dredged and slightly enlarged, they are now bigger than depicted on the 1964 map.

Per Admin. Memo. 60 this golf course should be limited to a daily diversion volume based on its pumping rate and hours of use, this volume should be .77 AF per day.

2. jlarsen 9/7/2007 POU Overlap Analysis

Comment: POUs with same QQ are:

21-4048

21-7346

21-10679

21-10768

21-10769

21-10091

21-10655

21-10689

21-10795

21-10904

21-11059

21-11063

21-11228

21-11242

21-10349

21-10349
21-10964
21-10986
21-11023
21-11024
21-10306
21-10314
21-11218

3. jlarsen 9/7/2007 POD
Comment: Updated shape

4. jlarsen 9/7/2007 POU
Comment: Updated Shape

5. jlarsen 9/7/2007 POU
Comment: Updated PLS

6. jlarsen 9/7/2007 POU
Comment: Updated PLS

7. jlarsen 9/7/2007 POU
Comment: Updated PLS

8. jlarsen 9/7/2007 POU
Comment: Updated PLS

Type	WR #	Owner	Source	TRS	NENE	NWNE	SWNE	SENE	NE NW	NW NW	SW NW	SE NW	NESW	NWSW	SWSW	SESW	NESE	NWSE	SWSE	SESE	Total
Right	1 90	JOHN W KOOCH,	HENRYS FORK	14N44E19					X	X		X	X								0
Right	21 143	MAGGIE KOOCH,	MEADOW CREEK	14N44E19	X	X						X	X					X			0
Right	21 156	JOHN W KOOCH,	HENRYS FORK	14N44E19						X	X		X								0
Right	21 157	MAGGIE KOOCH,	HENRYS FORK	14N44E19		33	42		36			40	40		7.6				42		233
Permit	21 7345	ISLAND PARK VILLAGE ASSN INC,	PONDS	14N44E19																	7.6
Right	21 7346	VILLA MANAGEMENT CO INC,	GROUND WATER	14N44E19	X										X						0
Right	21 10570	RICH E ORME,	MEADOW CREEK	14N44E19	X	X	X		X			X	X				X	X	X	X	0
Claim	21 157	RICH E ORME,	HENRYS FORK	14N44E19		2	6		35	18	18	40	27	4					22	8	180
Claim	21 163	RICH E ORME,	HENRYS FORK	14N44E19		2	6		35	18	18	40	27	4					22	8	180
Rec	21 163	RICH E ORME,	HENRYS FORK	14N44E19		0.5	3.1		31	13	13	37	29	5.7		0.6			22	11	165.9
Rec	21 157	RICH E ORME,	HENRYS FORK	14N44E19		0.5	3.1		31	13	13	37	29	5.7		0.6			22	11	165.9

Type	WR #	Owner	Source	TRS	NENE	NWNE	SWNE	SENE	NE NW	NW NW	SW NW	SE NW	NESW	NWSW	SWSW	SESW	NESE	NWSE	SWSE	SESE	Total
Right	21 4048	JAY W.WHALEY.	GROUND WATER	14N43E24													X	X			0
Permit	21 7345	ISLAND PARK VILLAGE ASSN INC.	PONDS	14N43E24													20.3	8.7		9.1	38.1
Right	21 7346	VILLA MANAGEMENT CO INC.	GROUND WATER	14N43E24													X	X	X		0
Right	21 7361	DAVID F.HANSEN.	GROUND WATER	14N43E24																	0
Right	21 7501	STATE OF IDAHO.	POND	14N43E24X																	0
App	21 7538	SAWTELLE MOUNTAIN RESORT.	GROUND WATER	14N43E24									X								0
Right	21 10370	CARL J.NELSON, CONNIE J.NELSON	GROUND WATER	14N43E24															X		0
Right	21 10679	JANE ANN LAMPH, ARA NORMAN LAMPH, JANE LAMPH.	GROUND WATER	14N43E24																	0
Right	21 10768	WALTER H PRICE, DOROTHY S PRICE.	GROUND WATER	14N43E24																	0
Right	21 10769	ROBERT L.HRONEK.	GROUND WATER	14N43E24																	0
Right	21 10081	PEARL KLINGLER, ARDEN G KLINGLER.	GROUND WATER	14N43E24																	0
Right	21 10655	LINDA LOSTUTTER, DANIEL W LOSTUTTER.	GROUND WATER	14N43E24																	0
Right	21 10689	CARLOS JOHNSON.	GROUND WATER	14N43E24																	0
Right	21 10795	E G S ENTERPRISES.	GROUND WATER	14N43E24																	0
Right	21 10904	LARRY O FISCHER, BELINDA FISCHER.	GROUND WATER	14N43E24																	0
Right	21 11063	BETTY L.HOBBS, CARL J.HOBBS.	GROUND WATER	14N43E24													X				0
Right	21 11069	GORDON A.PACE, DOROTHY P PRATT, LAURA MAE PACE.	GROUND WATER	14N43E24															X		0
Right	21 11215	DOUGLAS L.DRAKE.	GROUND WATER	14N43E24																	0
Right	21 11228	V O ENTERPRISES INC.	GROUND WATER	14N43E24																	0
Right	21 11242	RHONDA L SMITH, GREG G SMITH.	GROUND WATER	14N43E24																	0
Right	21 10349	GENE M.BOWMAN.	GROUND WATER	14N43E24																	0
Right	21 10964	JIMMIE DEE MITCHELL.	GROUND WATER	14N43E24																	0
Right	21 10966	DAVID L.HUNTER, CONNIE L.HUNTER.	GROUND WATER	14N43E24																	0
Right	21 11023	ILA L.ARCHIBALD, ILA TAYLOR.	GROUND WATER	14N43E24																	0
Right	21 11024	ILA TAYLOR.	GROUND WATER	14N43E24																	0
Right	21 10306	DELBERT J.BARNES, BETH BARNES.	GROUND WATER	14N43E24																	0
Right	21 10314	DAWE RUCHTL, EVELYN M RUCHTL.	GROUND WATER	14N43E24																	0
Claim	21 11218	DOUGLAS L.DRAKE.	GROUND WATER	14N43E24													X				0
Claim	21 11218	DOUGLAS L.DRAKE.	GROUND WATER	14N43E24													X				0



Idaho Department of Water Resources

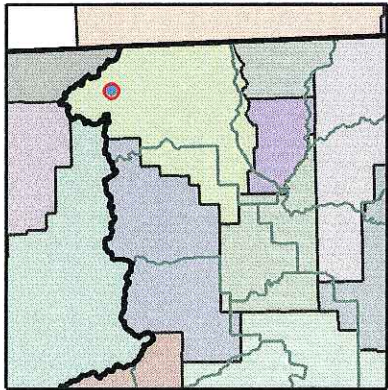
Permit Number:

21-7345

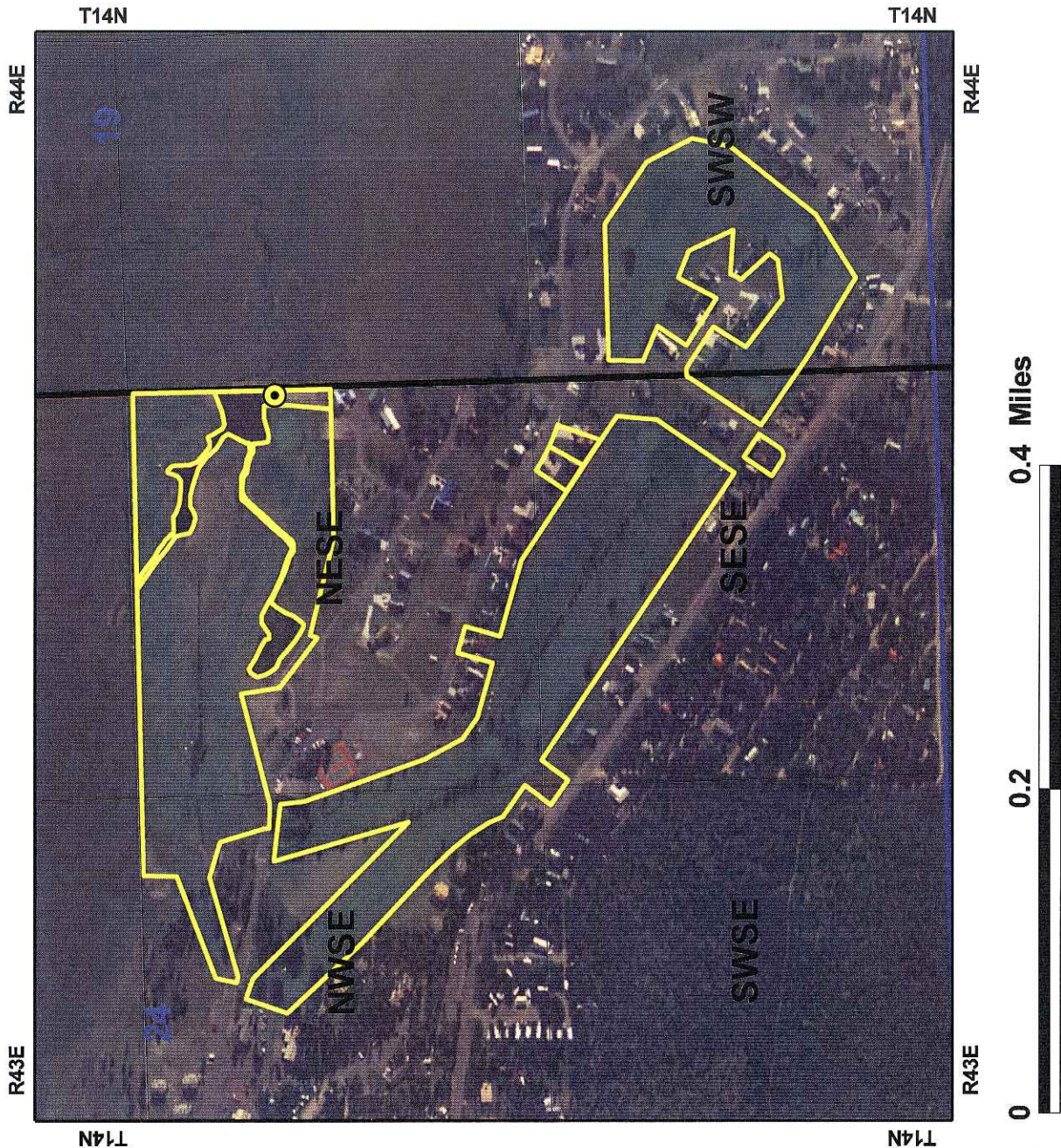
(Irrigation)

Legend

- Point of Diversion
- Place of Use
- Townships
- PLS Sections
- Quarter Quarters



Fremont County
IDWR Basin 21



Owner: Island Park Village Assn Inc

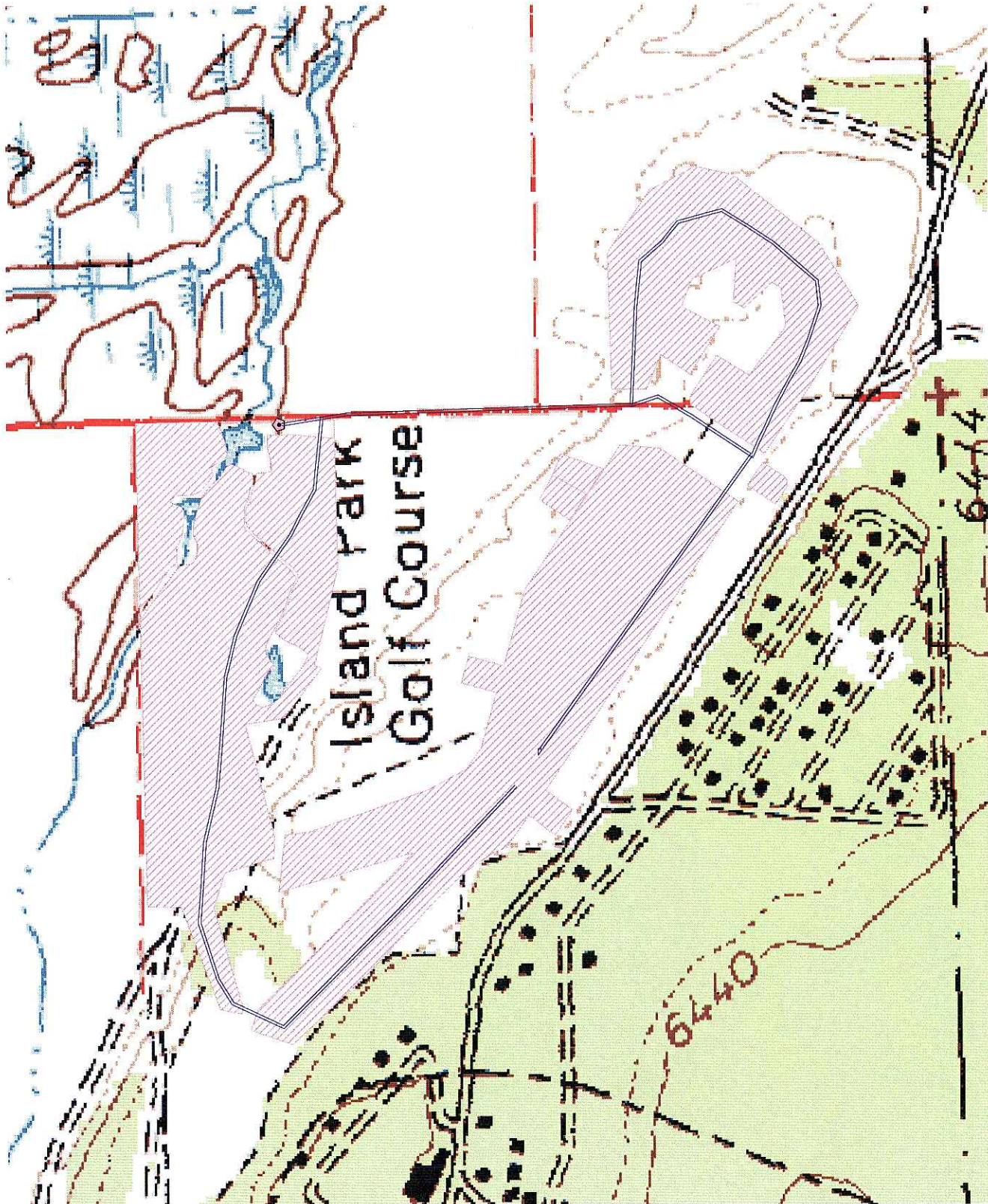
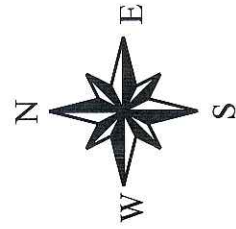
NOTE: Only one owner is listed. There may or may not be more than this in the IDWR database.

Prepared by J. Larsen
On Friday, September 7, 2007
2004 Aerial Photography

Island Park Village

Permit # 21-7345

6 Inch Mainlines



0.4 Miles

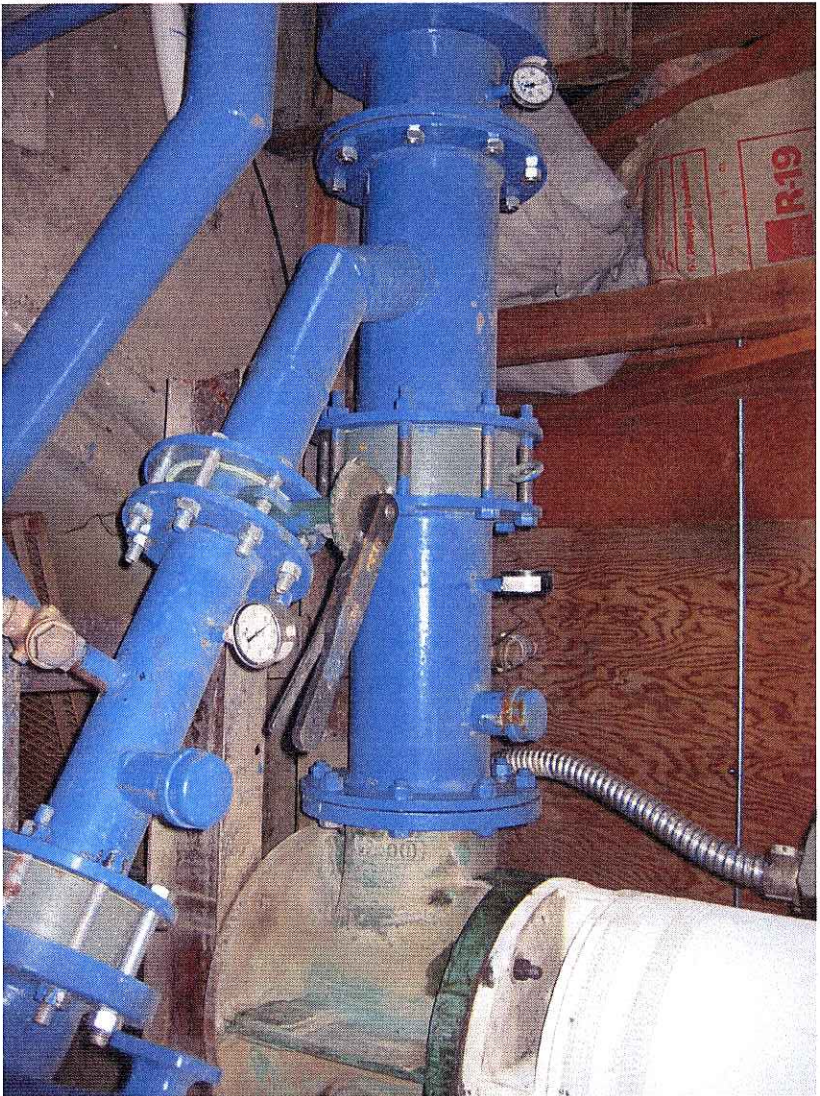
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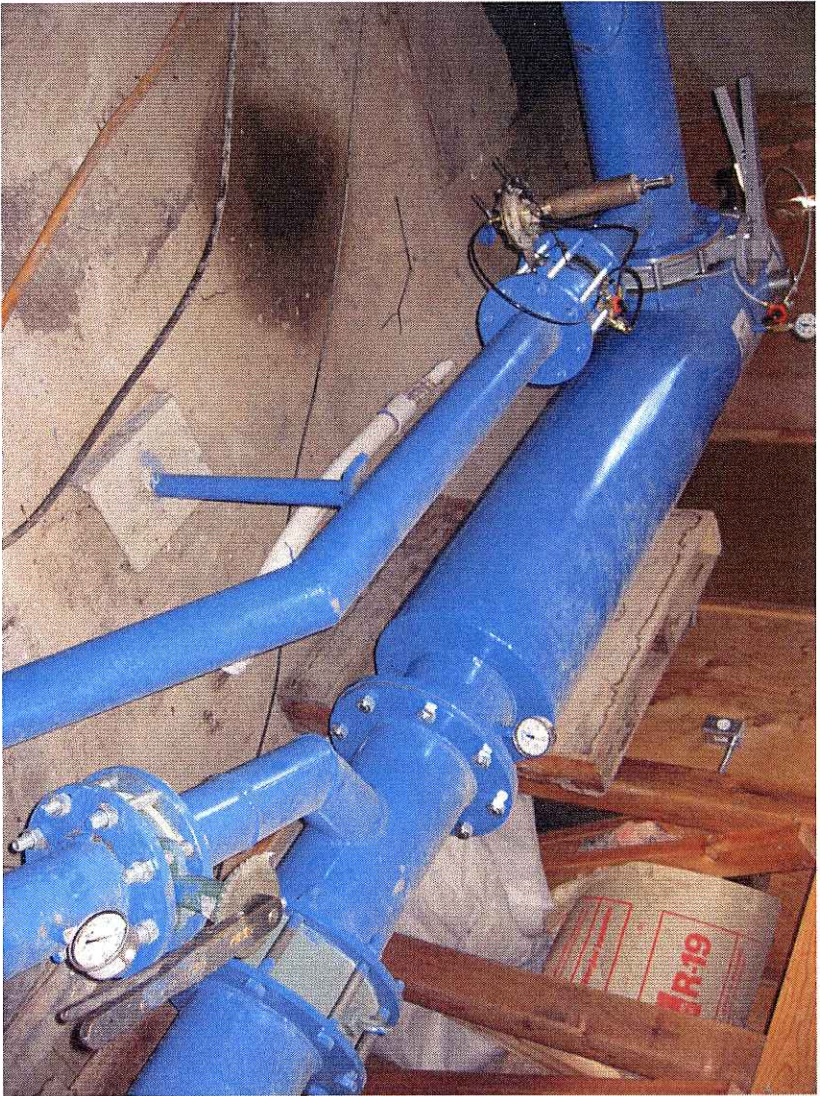
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SEP 06 2007



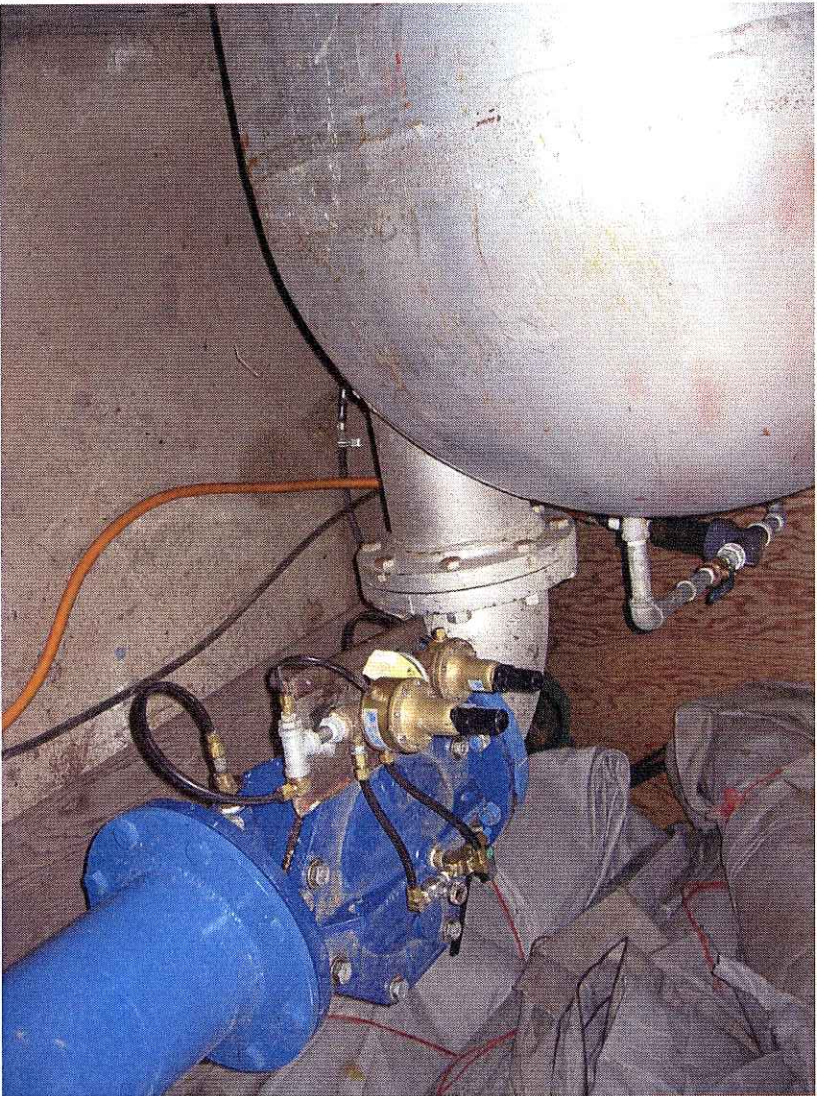
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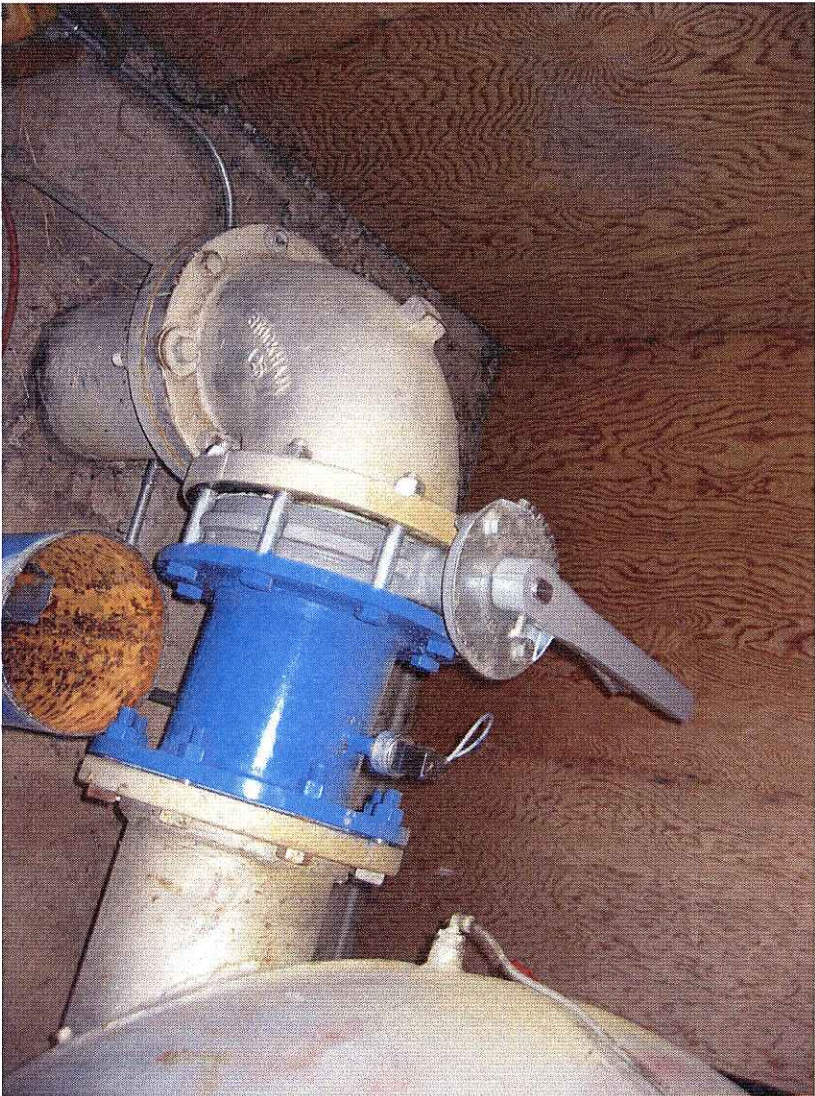
SEP 06 2007



SEP 06 2007



SEP 06 2007



SEP 06 2007



SEP 06 2007



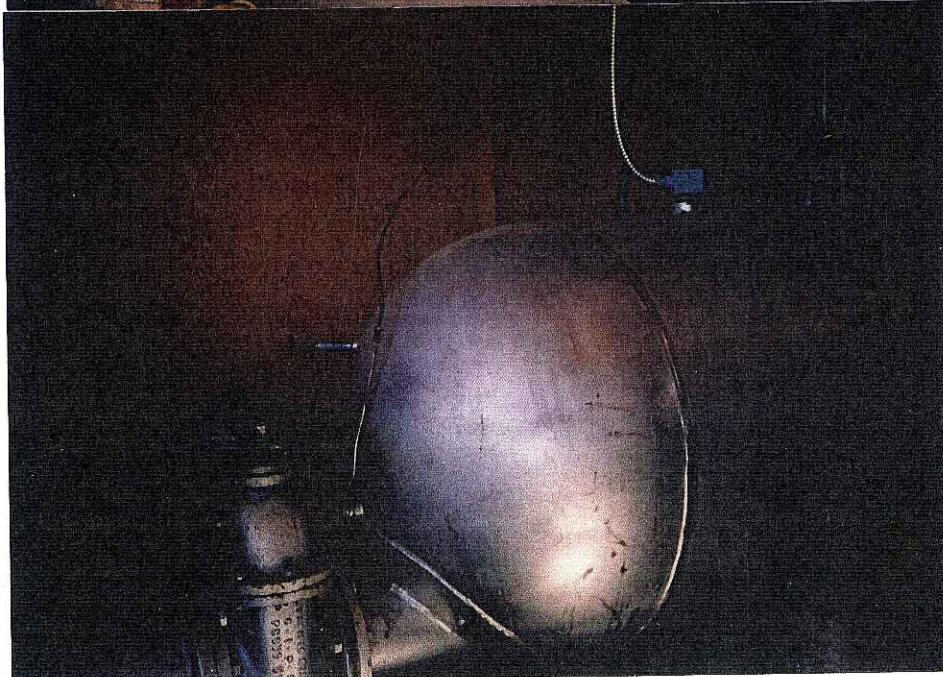
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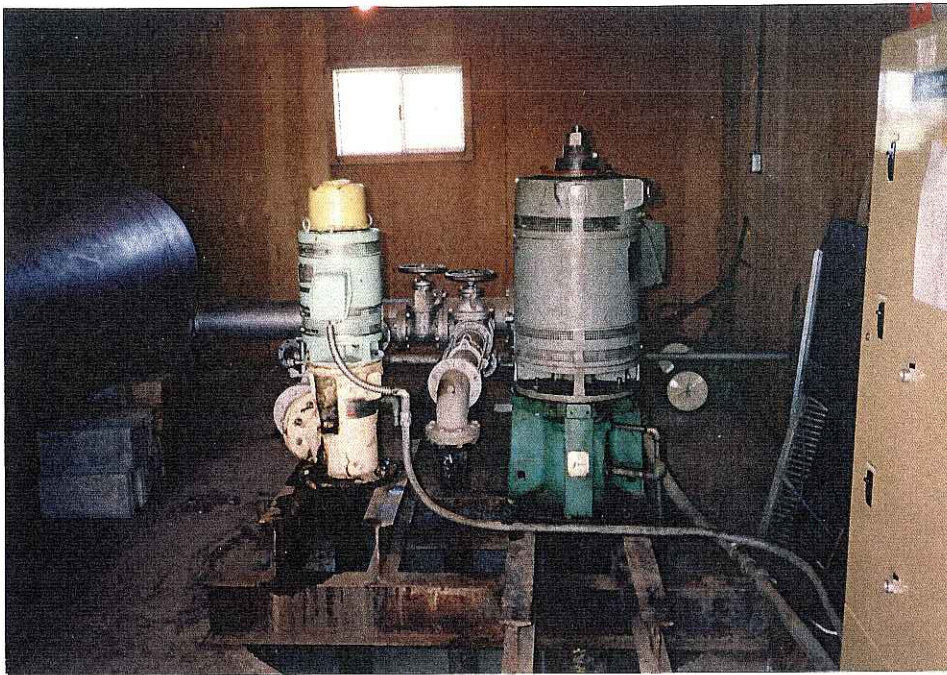
SEP 06 2007



1993 Five Photos



1993 Free Photos



1993 FILE PHOTOS