

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 96-9316

Exam Date: 08/11/2016

1. Current Owner:
VP INCORPORATED 863 KANIKSU SHORES RD SANDPOINT ID 83864
2. Accompanied by: Robert Hansen
Phone No: 208-265-4270
Address: 67 Wild Horse Trail, Sandpoint ID 83864
Relationship to permit Holder: Permit holder's representative, water system operator

3. **SOURCE:**
GROUND WATER

Method of Determination: Arcmap and DRG.

B. OVERLAP REVIEW

1. Other water rights with the same place of use: YES Overlap

Water Right No.	Source	Purpose of Use	Basis
96-8625	GROUNDWATER	MUNICIPAL	LICENSE
96-9060	GROUNDWATER	MUNICIPAL	LICENSE
96-8622	PACK RIVER	IRRIGATION	LICENSE

Comments: 96-8625 and 96-9060 are both municipal licensed rights that use groundwater for the same POU as this permit. Condition X35 has been added to 96-9316 in order to mitigate overlap concerns, and describe combined use limitations between three rights. 96-8622 is an irrigation surface source right that uses water from the Pack River, and services the golf course irrigation that overlaps this permit's POU, but is a separate water system and not a concern for overlap.

2. Other water rights with the same point-of-diversion: NO Overlap

Water Right No.	Source	Purpose of Use	Basis
96-8625	GROUNDWATER	MUNICIPAL	LICENSE
96-9060	GROUNDWATER	MUNICIPAL	LICENSE

Comments: This permit shares the same POD, one well each with rights 96-8625 and 96-9060. Condition F06 was added to permit 96-9316 describing the shared POD(s) between the three rights.

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

GROUND WATER L2 (SW¼ NW¼), Sec. 31, Twp 58N, Rge 01E, B.M. BONNER County
GROUND WATER L2 (SW¼ NW¼), Sec. 31, Twp 58N, Rge 01E, B.M. BONNER County

Method of Determination: GPS and Arcmap aerial imagery. PODs are located at -116°23.710, 48°20.292 (96-85-N-110, A0020009), and -116°23.765, 48°20.290 (D0013791, A0020010).

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.

Well or Diversion ID No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
96-85-N-110		5			
D0013791		40			

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
NONE						

2. Measurements: Unable to perform flow measurement due to piping from wells going directly into storage tank and pressure tanks.

E. FLOW CALCULATIONS

☒ Additional Computation Sheets Attached

Measured Method: Applicant provided a pump curve for the 40 hp pump installed in well D0013791 that show a diversion rate of 300 gpm. The 5hp pump installed in well 96-85-N-110 is licensed for 0.10 cfs under water right 96-8625. Mr. Hansen, water system operator, asserts the well produced approximately 43 gpm, which supports the licensed value. Total system pumping capacity = 300 gpm + 43 gpm = 343 gpm or 0.76 cfs.

F. VOLUME CALCULATIONS

1. Volume Calculations for irrigation: N/A

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$$

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

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

2. Volume Calculations for Other Uses:

Municipal Annual Volume for licensing purposes includes volume and flow rate data from three rights: 96-8625, 96-9060, and 96-9316 and are derived as follows:

- 96-9316 volume = 86.4 af (2015 volume report) + (297 stub-ins x 1.2 af) = 86.4 af + 356.4 af = 442.8 af
- 96-8625 volume = 59.9 af (licensed on 10/2/2015)
- 96-9060 volume = 0.35 cfs diversion rate applied to license, no volume (licensed 12/4/2008). 0.35 cfs pump diversion operating 24/7 for one year equates to 253.4 af.

Due to all three rights consisting of the same water system and municipal use, permit 96-9316 annual volume is derived by subtracting out the volume(s) associated with previously licensed rights 96-8625 and 96-9060 as follows:

- 96-9316 annual volume for licensing purposes = 442.8 af (post field exam determined volume) – 59.9 af (96-8625) – 253.4 af (theoretical for 96-9060) = **129.5 af**, which shall be carried to licensing as the maximum diversion volume.

Condition X35 was added to permit 96-9316 during licensing review to describe combined use limitations that rights 96-8625, 96-9060, and 96-9316 when combined shall not exceed a total diversion rate of 0.76 cfs, and a total annual maximum diversion volume of 442.8 af at the field headgate.

G. NARRATIVE/REMARKS/COMMENTS

Field exam performed on 8/11/2016 with department staff and the applicant's representative, Robert Hansen, showed 2 groundwater wells serving water to municipal customers under the name VP Incorporated. First well is 6 inch in diameter and backfile information showed it was well log 96-85-N-110, drilled under the name Jim & Bill Berry to a depth of 165 feet. Mr. Hansen asserted the well pump produced approximately 43 gpm, but due to a recent issue the well did not meet DEQ standards and he would have to decontaminate the system's storage tanks if he operated it prior to resolving the well's water quality issue. License 96-8625 was issued for the sole use of that well and was licensed for 0.10 cfs; this rate will be applied to well 96-85-N-110 in the licensing of this permit.

The second well used in the system was drilled in 2000 and has well tag D0013791. Project manager and engineer, Scott McNee, provided a pump performance curve for this well's 40 hp pump that shows a pumping capacity of 300 gpm. During licensing review, both well's pump data was used to derive the combined diversion rate which equals 300 gpm + 43 gpm = 343 gpm or 0.76 cfs. While the combined flow rate equals 0.76 cfs, the applicant is limited by the permit authorized diversion rate of **0.65 cfs**, which will be carried forward to license. The overage in diversion rate is accounted for with existing rights, and condition X35 was added to describe that combined pump performance between the rights 96-8625, 96-9060, and 96-9316 shall not exceed a maximum diversion rate of 0.76 cfs.

The wells pump into 3 storage tanks before distribution within the POU. There are 2 tanks on the north side of the highway, one stores 50k gallons and one 12k gallons. The 3rd storage tank is south of the highway, and holds 125k gallons. The system is designed to distribute water to service connections via gravity flow from the 3 storage tanks, but the system incorporates booster pumps for designated areas to maintain system pressure. Mr. McNee provided service connection data that includes 83 active connections and 297 inactive connections with stub-ins at respective lots. Mr. Hansen provided three years of volume reporting data, 2013-2015, with year 2015 demonstrating the largest volume consumption equal to 86.4 af. Due to the water system infrastructure being the same for rights 96-8625, 96-9060, and 96-9316, volume and flow metrics associated with each of the 3 rights was considered when deriving this permits annual volume.

Municipal Annual Volume for licensing purposes includes volume and flow rate data from three rights: 96-8625, 96-9060, and 96-9316 and are derived as follows:

- 96-9316 volume = 86.4 af (2015 volume report) + (297 stub-ins x 1.2 af) = 86.4 af + 356.4 af = 442.8 af
- 96-8625 volume = 59.9 af (licensed on 10/2/2015)
- 96-9060 volume = 0.35 cfs diversion rate applied to license, no volume (licensed 12/4/2008). 0.35 cfs pump

diversion operating 24/7 for one year equates to 253.4 af, which is assigned as volume in the computation of this rights annual volume.

Due to all three rights consisting of the same water system and municipal use, permit 96-9316 annual volume is derived by subtracting out the volume(s) associated with previously licensed rights 96-8625 and 96-9060 as follows:

- 96-9316 annual volume for licensing purposes = 442.8 af (post field exam determined volume) – 59.9 af (96-8625) – 253.4 af (theoretical for 96-9060) = **129.5 af**, which shall be carried to the license as the maximum diversion volume.

Condition X35 was added to permit 96-9316 during licensing review to describe combined use limitations, stating that rights 96-8625, 96-9060, and 96-9316 when combined shall not exceed a total diversion rate of 0.76 cfs, and a total annual maximum diversion volume of 442.8 af at the field headgate.

Conditions 046 and 26A were removed from the permit during licensing review. F06 was added describing shared PODs between three rights. X35 was added to mitigate overlap concerns between existing municipal rights and this right as described below. 004 was added to describe the right does not grant any right-of-way or easement across land of another. All other conditions from permit will remain on the license.

Overlap concerns: 96-8625 and 96-9060 are both municipal licensed rights that use groundwater for the same POU as this permit. Condition X35 has been added to 96-9316 in order to mitigate overlap concerns, and describe combined use limitations between three rights. 96-8622 is an irrigation surface source right that uses water from the Pack River, and services the golf course irrigation that overlaps this permit's POU, but is a separate water system and not a concern for overlap. There are no additional overlap concerns for this right.

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>Rate of Diversion</u>	<u>Annual Volume</u>
MUNICIPAL	01/01 to 12/31	0.65 CFS	129.5 AF
<u>Totals:</u>		0.65 CFS	129.5 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 X None

I. AUTHENTICATION Luke Bates - Water Resource Agent

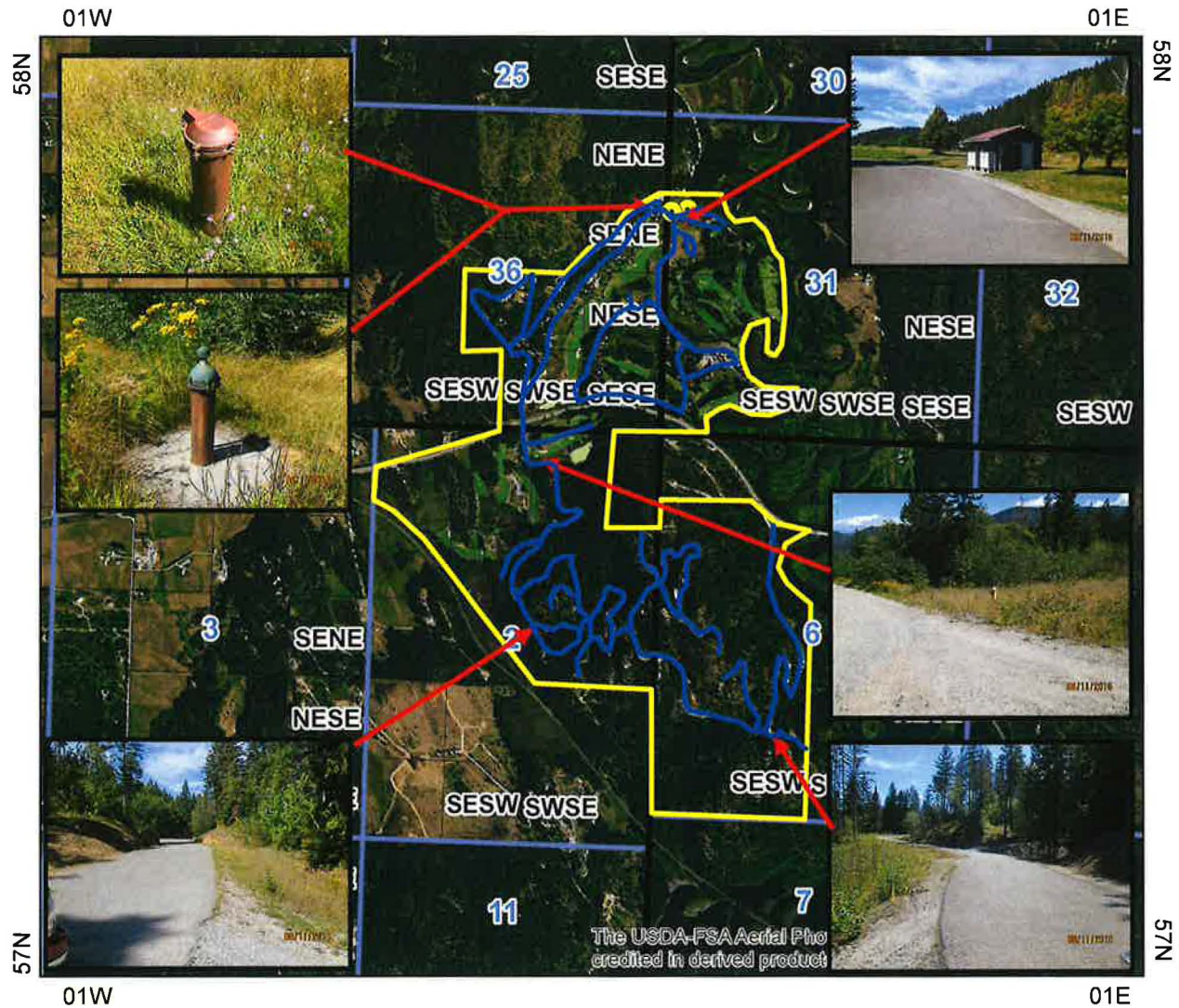
Field Examiner's Name  Date 12/24/2020

Reviewer  Date 1/14/2021

Attachment to Field Exam

96-9316

MUNICIPAL system diagram.



- Point of Diversion
- Water Service Area Boundary
- Townships
- PLS Sections
- Quarter Quarters

0 0.35 0.7 1.4 Miles



From: Scott McNee <smcnee@to-engineers.com>
Sent: Monday, December 21, 2020 3:50 PM
To: Robert Hansen; Bates, Luke
Subject: RE: IDWR permit No. 96-9316 - VP Incorporated

Luke:

For connections, there are an estimated 83 active connections and another 297 inactive connections with water physically stubbed to the lots.

SCOTT MCNEE, P.E. (ID, OR, WA) | *Project Manager*



T-O ENGINEERS

7950 N. Meadowlark Way | Suite A | Coeur d'Alene, Idaho 83815

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BUILT ON SOLID GROUND

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From: Scott McNee
Sent: Monday, December 21, 2020 10:23 AM
To: Robert Hansen <wsmbob@aol.com>; Luke.Bates@idwr.idaho.gov
Subject: RE: IDWR permit No. 96-9316 - VP Incorporated

Hi Luke:

The service area boundary has not changed since application was made (see attached).

I will get the service connections and stubbed in parcels to you shortly.

Thanks.

SCOTT MCNEE, P.E. (ID, OR, WA) | *Project Manager*



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Frederick, Adam

From: McNee, Scott [smcnee@to-engineers.com]
Sent: Tuesday, August 16, 2016 9:13 AM
To: Frederick, Adam
Cc: Hansen, Bob (Water System Management Inc.) (Wsmibob@aol.com); Richard A. Villelli (dick@villellipnw.com)
Subject: Idaho Club Well Pump
Attachments: [Untitled]_2016081608342200.pdf

Adam:

Per your request, here is the pump information and curve for the Idaho Club well.

SCOTT McNEE, PE | *Project Manager*



T-O ENGINEERS

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H2O Well Service
Mike Galante
Hidden Lakes Golf Course

Goulds Turbine Pump Selection ver: 6.02
01/16/01

PUMP DATA SHEET

Goulds Turbine 60 Hz

Selection file: (untitled)

Catalog: TURB60.MPC v 1.6.1

Curve: E6207CFPC0

Design Point: Flow: 300 US gpm
Head: 290 ft

Fluid: Water Temperature: 60 °F
SG: 1

Pump: TURBINE - 3600 Size: 7CLC' (4 stages)
Speed: 3450 rpm Dia: 4.4375 in

Viscosity: 1.122 cP
Vapor pressure: 0.2568 psi_a
Atm pressure: 14.7 psi_a

Limits: Temperature: --- °F Sphere size: 0.43 in
Pressure: 415 psi_g Power: --- bhp 30

NPSHa: --- ft

Specific Speed: Ns: 2183 Nss: ---

Piping: System: ---
Suction: --- in
Discharge: --- in

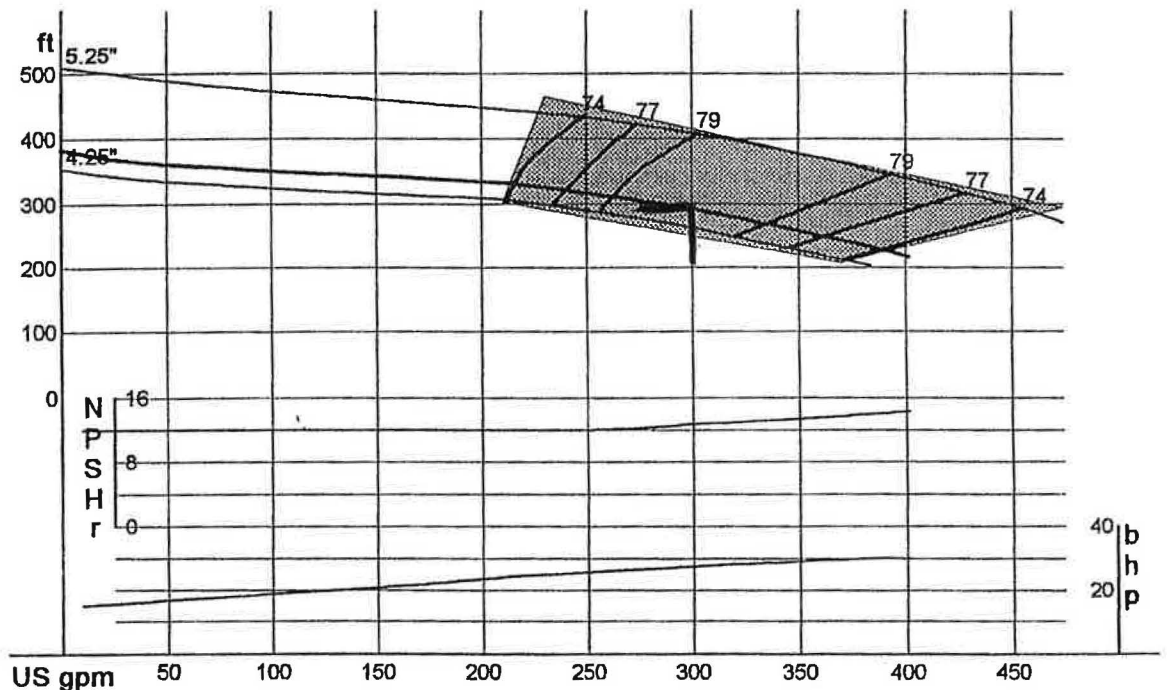
Dimensions: Suction: --- in Discharge: --- in

Vertical Turbine: Bowl Dia: 7.13 in Max Lateral: 0.5 in
Thrust K Factor: 3.5

Motor: 40 hp Speed: 3600 Frame: 324TS
NEMA Standard TEFC Enclosure
sized for Max Power on Design Curve

Suction Size-5" Discharge Sizes-5",6"

--- Data Point ---	
Flow:	300 US gpm
Head:	291 ft
Eff:	79.6%
Power:	27.7 bhp
NPSHr:	12.7 ft
-- Design Curve --	
Shutoff Head:	384 ft
Shutoff dP:	166 psi
Min Flow:	- US gpm
BEP:	79.7% eff @ 305 US gpm
NOL Pwr:	30.2 bhp @ 389 US gpm
-- Max Curve --	
Max Pwr:	45.4 bhp @ 456 US gpm



— PERFORMANCE EVALUATION —

Flow	Speed	Head	Pump	Power	NPSHr	Motor	Motor	Hrs/yr	Cost
US gpm	rpm	ft	%eff	bhp	ft	%eff	hp		/kW
360	3450	250	77.2	29.4	13.6				
300	3450	291	79.6	27.7	12.7				
240	3450	321	77	25.3	12				
180	3450	338	68.5	22.3	12				
120	3450	348	52.4	19.7	12				

Drinking Water Branch

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Water System Details

Water System No. : ID1090195
Water System Name : IDAHO CLUB
Principal County Served : BONNER
Status : A
Federal Type : C
State Type : C
Primary Source : GW
Activity Date : 04-29-1993

Points of Contact

Name	Job Title	Type	Phone	Address	Email
HANSEN, ROBERT F		AC			
HANSEN, ROBERT F		DO			
HANSEN, ROBERT F		EC			
HANSEN, ROBERT F		FC			
HANSEN, ROBERT F		SA			
HANSEN, ROBERT F		PL			
HUCKABY, EDWARD D		OP			
WERELEY, JASON D		AC			
WERELEY, JASON D		DO			
WERELEY, JASON D		EC			
WERELEY, JASON D		SA			

Annual Operating Periods & Population Served

Service Connections

Start Month	Start Day	End Month	End Day	Population Type	Population Served	Type	Count	Meter Type	Meter Size Measure
1	1	12	31	R	203				
1	1	12	31	T	124	CM	1	UN	0
						RS	80	MU	0

Sources of Water

Service Areas

Name	Type Code	Status
WELL #1 - VP	WL	A
WELL #2 - VP	WL	A
WELL #3 - VALIANT	WL	P
WELL #4 - VALIANT	WL	P

Code	Name
T	RECREATION AREA
R	RESIDENTIAL AREA
T	RESTAURANT

Water Purchases

96-9316 ANNUAL VOLUME REPORT

SYSTEM NAME: IDAHO CLUB, PWS #1090195

YEAR	31 DECEMBER END OF MONTH METER READING (GAL)	01 JANUARY BEGINNING OF MONTH METER READING (GAL)	TOTAL VOLUME (GALLONS)
2013	46078100	29355500	16722600
2014	69906800	46078100	23828700
2015	98065000	69906800	28158200

Conversion Gal to Acre-feet = $\frac{28158200 \text{ gallons}}{325,850 \text{ gallons per acre-foot}}$ equals **86.4 af**

NOTE: Applicant's water operator Mr. Robert Hansen provided monthly volume data that illustrate annual usage for years 2013-2015. Year 2015 represents the largest volume year for the applicant, and will be used for licensing of right 96-9316.

MONTHLY CHLORINATION REPORT					Month of January 2015	
SYSTEM NAME: IDAHO CLUB, PWS #1090195					IDAHO - DEQ JEAN FELKER 2110 Ironwood Parkway Coeur d'Alene, ID 83814 (208) 769-1422	
COUNTY: BONNER						
TYPE OF CHLORINATOR: LMI						
OPERATOR SIGNATURE:						
	69906800	Robert Hansen - (265-4270)				
DATE	METER READING	WATER USED	FREE CL ₂ RESIDUAL, mg/L			COMMENTS
			LOCATION	TIME	RESULT	
1	69920500	13700	SHOP	12:00	0.56	
2	69929800	9300	SHOP	11:00	0.54	
3	70129100	199300	SHOP	09:00	0.56	Filling reservoir, south side of Hwy
4	70140500	11400	SHOP	07:00	0.56	
5	70154000	13500	SHOP	14:30	0.55	
6	70167400	13400	SHOP	15:30	0.54	
7	70176200	8800	SHOP	13:30	0.55	
8	70185200	9000	SHOP	14:00	0.56	
9	70194300	9100	SHOP	13:00	0.54	
10	70394700	200400	SHOP	07:00	0.58	Filling reservoir, south side of Hwy
11	70404900	10200	SHOP	09:00	0.56	
12	70415900	11000	SHOP	09:00	0.55	
13	70428800	12900	SHOP	13:00	0.57	
14	70437700	8900	SHOP	16:30	0.54	
15	70447200	9500	SHOP	10:00	0.57	
16	70460500	13300	SHOP	13:00	0.56	
17	70660200	199700	SHOP	07:00	0.57	Filling reservoir, south side of Hwy
18	70677200	17000	SHOP	08:00	0.56	
19	70690500	13300	SHOP	14:00	0.57	
20	70700200	9700	SHOP	10:30	0.55	
21	70708300	8100	SHOP	12:00	0.56	
22	70718100	9800	SHOP	16:00	0.54	
23	70727000	8900	SHOP	10:30	0.55	
24	70951500	224500	SHOP	07:30	0.56	Filling reservoir, south side of Hwy
25	70968100	16600	SHOP	08:30	0.55	
26	70976900	8800	SHOP	11:30	0.54	
27	70985800	8900	SHOP	13:30	0.55	
28	70994600	8800	SHOP	09:00	0.54	
29	71004100	9500	SHOP	10:00	0.54	
30	71017300	13200	SHOP	14:00	0.53	
31	71220500	203200	SHOP	08:30	0.52	Filling reservoir, south side of Hwy
NOTE:						

MONTHLY CHLORINATION REPORT

Month of February 2015

SYSTEM NAME: IDAHO CLUB, PWS #1090195

COUNTY: BONNER

TYPE OF CHLORINATOR: LMI

OPERATOR SIGNATURE:

71220500

Robert Hansen - (265-4270)

IDAHO - DEQ

JEAN FELKER

2110 Ironwood Parkway

Coeur d'Alene, ID 83814

(208) 769-1422

DATE	METER READING	WATER USED	FREE CL ₂ RESIDUAL, mg/L			COMMENTS
			LOCATION	TIME	RESULT	
1	71235500	15000	SHOP	07:30	0.53	
2	71248800	13300	SHOP	12:30	0.54	
3	71420600	171800	SHOP	08:00	0.59	Filling reservoir, south side of Hwy
4	71429600	9000	SHOP	12:30	0.54	
5	71438600	9000	SHOP	11:30	0.53	
6	71447900	9300	SHOP	12:30	0.51	
7	71663400	215500	SHOP	08:30	0.52	Filling reservoir, south side of Hwy
8	71677400	14000	SHOP	08:30	0.51	
9	71691000	13600	SHOP	14:30	0.53	
10	71704300	13300	SHOP	13:30	0.50	
11	71713300	9000	SHOP	09:30	0.51	
12	71723100	9800	SHOP	11:30	0.50	
13	71732000	8900	SHOP	12:00	0.51	
14	71934300	202300	SHOP	07:00	0.50	Filling reservoir, south side of Hwy
15	71949000	14700	SHOP	07:00	0.50	
16	71966700	17700	SHOP	13:00	0.52	
17	71971100	4400	SHOP	09:00	0.51	
18	71984100	13000	SHOP	11:00	0.52	
19	71993500	9400	SHOP	12:00	0.51	
20	72002100	8600	SHOP	12:30	0.52	
21	72212400	210300	SHOP	08:30	0.51	Filling reservoir, south side of Hwy
22	72228800	16400	SHOP	07:30	0.51	
23	72241700	12900	SHOP	09:30	0.52	
24	72250300	8600	SHOP	09:00	0.51	
25	72264100	13800	SHOP	12:00	0.52	
26	72277000	12900	SHOP	14:30	0.51	
27	72286300	9300	SHOP	12:00	0.52	
28	72506600	220300	SHOP	08:00	0.51	Filling reservoir, south side of Hwy

NOTE:

MONTHLY CHLORINATION REPORT

Month of March 2015

SYSTEM NAME: IDAHO CLUB, PWS #1090195

COUNTY: BONNER

TYPE OF CHLORINATOR: LMI

OPERATOR SIGNATURE:

72506600

Robert Hansen - (265-4270)

IDAHO - DEQ

JEAN FELKER

2110 Ironwood Parkway

Coeur d'Alene, ID 83814

(208) 769-1422

DATE	METER READING	WATER USED	FREE CL ₂ RESIDUAL, mg/L			COMMENTS
			LOCATION	TIME	RESULT	
1	72521600	15000	SHOP	07:30	0.51	
2	72534400	12800	SHOP	13:00	0.50	
3	72538600	4200	SHOP	10:30	0.52	
4	72551900	13300	SHOP	14:00	0.50	
5	72560300	8400	SHOP	11:00	0.51	
6	72568800	8500	SHOP	13:30	0.50	
7	72758100	189300	SHOP	07:00	0.50	
8	72766700	8600	SHOP	08:00	0.51	
9	72779300	12600	SHOP	15:30	0.49	
10	72787900	8600	SHOP	11:00	0.51	
11	72796600	8700	SHOP	13:00	0.50	
12	72808900	12300	SHOP	13:30	0.48	
13	72817300	8400	SHOP	13:00	0.51	
14	73033200	215900	SHOP	09:00	0.50	
15	73042600	9400	SHOP	08:00	0.50	
16	73059300	16700	SHOP	15:00	0.49	
17	73068000	8700	SHOP	15:00	0.51	
18	73076600	8600	SHOP	13:00	0.50	
19	73084900	8300	SHOP	11:00	0.48	
20	73094800	9900	SHOP	12:00	0.49	
21	73315200	220400	SHOP	09:00	0.50	
22	73324200	9000	SHOP	07:30	0.48	
23	73340800	16600	SHOP	10:30	0.47	
24	73353300	12500	SHOP	14:00	0.49	
25	73357400	4100	SHOP	09:00	0.49	
26	73374100	16700	SHOP	16:00	0.51	
27	73382300	8200	SHOP	13:00	0.49	
28	73595700	213400	SHOP	09:00	0.50	
29	73603000	7300	SHOP	07:00	0.49	
30	73611900	8900	SHOP	08:00	0.49	
31	73624500	12600	SHOP	09:30	0.50	

NOTE:

MONTHLY CHLORINATION REPORT

Month of April 2015

SYSTEM NAME: IDAHO CLUB, PWS #1090195

IDAHO - DEQ

COUNTY: BONNER

JEAN FELKER

2110 Ironwood Parkway

TYPE OF CHLORINATOR: LMI

Coeur d'Alene, ID 83814

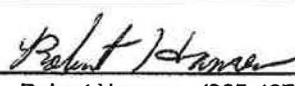
(208) 769-1422

OPERATOR SIGNATURE:

73624500 Robert Hansen - (265-4270)

DATE	METER READING	WATER USED	FREE CL ₂ RESIDUAL, mg/L			COMMENTS
			LOCATION	TIME	RESULT	
1	73632200	7700	SHOP	09:30	0.51	
2	73643300	11100	SHOP	13:00	0.49	
3	73654100	10800	SHOP	10:30	0.50	
4	73902400	248300	SHOP	09:30	0.50	
5	73913100	10700	SHOP	08:30	0.50	
6	73927100	14000	SHOP	14:30	0.47	
7	73934200	7100	SHOP	14:30	0.49	
8	73945100	10900	SHOP	12:30	0.50	
9	73952600	7500	SHOP	08:30	0.48	
10	73964300	11700	SHOP	12:00	0.50	
11	74182900	218600	SHOP	09:30	0.50	
12	74193500	10600	SHOP	09:00	0.49	
13	74207500	14000	SHOP	12:00	0.51	
14	74217800	10300	SHOP	12:00	0.48	
15	74229000	11200	SHOP	12:00	0.49	
16	74236000	7000	SHOP	10:00	0.51	
17	74247400	11400	SHOP	10:00	0.48	
18	74486300	238900	SHOP	08:30	0.49	
19	74500800	14500	SHOP	08:30	0.48	
20	74511100	10300	SHOP	10:30	0.50	
21	74524700	13600	SHOP	14:00	0.50	
22	74534100	9400	SHOP	09:00	0.48	
23	74545600	11500	SHOP	14:30	0.49	
24	74555900	10300	SHOP	11:00	0.50	
25	74784300	228400	SHOP	08:00	0.48	
26	74799800	15500	SHOP	08:30	0.49	
27	74810600	10800	SHOP	13:00	0.48	
28	74820800	10200	SHOP	10:30	0.49	
29	74835100	14300	SHOP	10:00	0.50	
30	74848700	13600	SHOP	10:00	0.48	

NOTE:

MONTHLY CHLORINATION REPORT					Month of May 2015	
SYSTEM NAME: IDAHO CLUB, PWS #1090195					IDAHO - DEQ JEAN FELKER 2110 Ironwood Parkway Coeur d'Alene, ID 83814 (208) 769-1422	
COUNTY: BONNER						
TYPE OF CHLORINATOR: LMI						
OPERATOR SIGNATURE: 						
74848700		Robert Hansen - (265-4270)				
DATE	METER READING	WATER USED	FREE CL ₂ RESIDUAL, mg/L			COMMENTS
			LOCATION	TIME	RESULT	
1	74873500	24800	SHOP	08:30	0.52	
2	75158300	284800	SHOP	12:30	0.55	Filling reservoir, south side of Hwy
3	75202700	44400	SHOP	08:30	0.53	
4	75262400	59700	SHOP	10:00	0.52	
5	75314800	52400	SHOP	14:00	0.50	
6	75369400	54600	SHOP	11:00	0.54	
7	75422200	52800	SHOP	11:30	0.52	
8	75490200	68000	SHOP	13:00	0.51	
9	75720800	230600	SHOP	06:30	0.52	Filling reservoir, south side of Hwy
10	75783700	62900	SHOP	08:30	0.51	
11	75856400	72700	SHOP	11:30	0.49	
12	75898600	42200	SHOP	10:30	0.48	
13	75943500	44900	SHOP	12:30	0.50	
14	75965200	21700	SHOP	10:00	0.51	
15	75997100	31900	SHOP	10:00	0.49	
16	76291800	294700	SHOP	10:00	0.51	Filling reservoir, south side of Hwy
17	76334500	42700	SHOP	11:30	0.50	
18	76382700	48200	SHOP	11:00	0.49	
19	76426100	43400	SHOP	10:00	0.52	
20	76477500	51400	SHOP	10:30	0.50	
21	76529700	52200	SHOP	16:30	0.52	
22	76571900	42200	SHOP	06:00	0.52	
23	76885100	313200	SHOP	08:30	0.51	Filling reservoir, south side of Hwy
24	76949500	64400	SHOP	09:00	0.52	
25	77010900	61400	SHOP	10:30	0.50	
26	77057700	46800	SHOP	11:00	0.51	
27	77103700	46000	SHOP	10:00	0.49	
28	77139500	35800	SHOP	15:00	0.30	
29	77183800	44300	SHOP	12:00	0.80	
30	77427500	243700	SHOP	08:00	0.54	Filling reservoir, south side of Hwy
31	77473800	46300	SHOP	05:30	0.54	
NOTE:						

MONTHLY CHLORINATION REPORT					Month of June 2015	
SYSTEM NAME: IDAHO CLUB, PWS #1090195					IDAHO - DEQ JEAN FELKER 2110 Ironwood Parkway Coeur d'Alene, ID 83814 (208) 769-1422	
COUNTY: BONNER						
TYPE OF CHLORINATOR: LMI						
OPERATOR SIGNATURE:						
	77473800	Robert Hansen - (265-4270)				
DATE	METER READING	WATER USED	FREE CL ₂ RESIDUAL, mg/L			COMMENTS
			LOCATION	TIME	RESULT	
1	77769800	296000	SHOP	08:00	0.55	Filling reservoir, south side of Hwy
2	77819000	49200	SHOP	06:00	0.55	
3	77890900	71900	SHOP	13:30	0.53	
4	78107200	216300	SHOP	08:30	0.51	Filling reservoir, south side of Hwy
5	78166200	59000	SHOP	10:00	0.49	
6	78440300	274100	SHOP	08:30	0.50	Filling reservoir, south side of Hwy
7	78503100	62800	SHOP	08:30	0.49	
8	78603000	99900	SHOP	11:30	0.48	
9	78669200	66200	SHOP	10:30	0.47	
10	78756600	87400	SHOP	12:30	0.49	
11	78996400	239800	SHOP	09:30	0.48	Filling reservoir, south side of Hwy
12	79061000	64600	SHOP	11:30	0.46	
13	79121600	60600	SHOP	05:00	0.47	
14	79187400	65800	SHOP	05:30	0.48	
15	79282400	95000	SHOP	10:00	0.46	
16	79358200	75800	SHOP	11:00	0.48	
17	79439000	80800	SHOP	12:00	0.45	
18	79733000	294000	SHOP	10:30	0.47	Filling reservoir, south side of Hwy
19	79840400	107400	SHOP	09:30	0.46	
20	79892500	52100	SHOP	06:30	0.47	
21	79986700	94200	SHOP	08:30	0.47	
22	80128200	141500	SHOP	11:00	0.45	Filling reservoir, south side of Hwy
23	80409400	281200	SHOP	12:00	0.44	Filling reservoir, south side of Hwy
24	80505400	96000	SHOP	09:30	0.43	
25	80579000	73600	SHOP	06:30	0.44	
26	80831800	252800	SHOP	12:00	0.42	Filling reservoir, south side of Hwy
27	80907800	76000	SHOP	09:00	0.41	
28	81025500	117700	SHOP	13:00	0.43	Filling reservoir, south side of Hwy
29	81328000	302500	SHOP	10:00	0.42	Filling reservoir, south side of Hwy
30	81404200	76200	SHOP	09:30	0.44	
NOTE:						

MONTHLY CHLORINATION REPORT

Month of July 2015

SYSTEM NAME: IDAHO CLUB, PWS #1090195

IDAHO - DEQ

COUNTY: BONNER

JEAN FELKER

2110 Ironwood Parkway

TYPE OF CHLORINATOR: LMI

Coeur d'Alene, ID 83814

(208) 769-1422

OPERATOR SIGNATURE:

81404200

Robert Hansen - (265-4270)

DATE	METER READING	WATER USED	FREE CL ₂ RESIDUAL, mg/L			COMMENTS
			LOCATION	TIME	RESULT	
1	81515400	111200	SHOP	09:30	0.43	
2	81836600	321200	SHOP	09:00	0.45	Filling reservoir, south side of Hwy
3	82221500	384900	SHOP	12:00	0.44	Filling reservoir, south side of Hwy
4	82355300	133800	SHOP	06:00	0.45	
5	82466500	111200	SHOP	08:00	0.44	
6	82785000	318500	SHOP	10:00	0.43	Filling reservoir, south side of Hwy
7	82869400	84400	SHOP	10:00	0.41	
8	82975800	106400	SHOP	10:00	0.43	
9	83325600	349800	SHOP	09:30	0.42	Filling reservoir, south side of Hwy
10	83440900	115300	SHOP	13:30	0.40	
11	83531100	90200	SHOP	08:30	0.41	
12	83631000	99900	SHOP	08:00	0.40	
13	84010800	379800	SHOP	10:30	0.41	Filling reservoir, south side of Hwy
14	84104100	93300	SHOP	09:00	0.42	
15	84206500	102400	SHOP	10:00	0.42	
16	84555100	348600	SHOP	10:30	0.41	Filling reservoir, south side of Hwy
17	84660400	105300	SHOP	11:30	0.44	
18	84753400	93000	SHOP	08:30	0.43	
19	84888000	134600	SHOP	10:00	0.44	
20	85211300	323300	SHOP	10:30	0.41	Filling reservoir, south side of Hwy
21	85260200	48900	SHOP	08:30	0.36	
22	85416600	156400	SHOP	09:30	0.35	
23	85641900	225300	SHOP	09:00	0.36	Filling reservoir, south side of Hwy
24	85751900	110000	SHOP	12:00	0.37	
25	85836200	84300	SHOP	08:00	0.37	
26	85934100	97900	SHOP	08:00	0.36	
27	86203200	269100	SHOP	09:30	0.38	Filling reservoir, south side of Hwy
28	86284500	81300	SHOP	10:30	0.36	
29	86381100	96600	SHOP	12:30	0.34	
30	86471700	90600	SHOP	10:00	0.37	
31	86582100	110400	SHOP	11:00	0.35	

NOTE:

MONTHLY CHLORINATION REPORT

Month of August 2015

SYSTEM NAME: IDAHO CLUB, PWS #1090195

COUNTY: BONNER

TYPE OF CHLORINATOR: LMI

OPERATOR SIGNATURE:

86582100

Robert Hansen - (265-4270)

IDAHO - DEQ

JEAN FELKER

2110 Ironwood Parkway

Coeur d'Alene, ID 83814

(208) 769-1422

DATE	METER READING	WATER USED	FREE CL ₂ RESIDUAL, mg/L			COMMENTS
			LOCATION	TIME	RESULT	
1	86821800	239700	SHOP	08:00	0.36	Filling reservoir, south side of Hwy
2	86929200	107400	SHOP	08:00	0.35	
3	87047800	118600	SHOP	11:00	0.41	
4	87146100	98300	SHOP	10:30	0.38	
5	87257900	111800	SHOP	12:30	0.36	
6	87564800	306900	SHOP	10:00	0.35	Filling reservoir, south side of Hwy
7	87649500	84700	SHOP	13:30	0.37	
8	87734400	84900	SHOP	08:30	0.39	
9	87850800	116400	SHOP	08:30	0.38	
10	88213900	363100	SHOP	10:00	0.36	Filling reservoir, south side of Hwy
11	88317100	103200	SHOP	09:00	0.35	
12	88420300	103200	SHOP	09:30	0.37	
13	88688200	267900	SHOP	10:30	0.36	Filling reservoir, south side of Hwy
14	88769000	80800	SHOP	07:30	0.36	
15	88865900	96900	SHOP	08:30	0.37	
16	88947300	81400	SHOP	06:30	0.36	
17	89216600	269300	SHOP	10:00	0.35	Filling reservoir, south side of Hwy
18	89304400	87800	SHOP	07:00	0.36	
19	89415200	110800	SHOP	12:00	0.36	
20	89720100	304900	SHOP	09:00	0.36	Filling reservoir, south side of Hwy
21	89806800	86700	SHOP	08:30	0.37	
22	89877600	70800	SHOP	07:30	0.36	
23	89962600	85000	SHOP	06:00	0.36	
24	90348100	385500	SHOP	10:00	0.35	Filling reservoir, south side of Hwy
25	90444600	96500	SHOP	12:00	0.37	
26	90528700	84100	SHOP	10:30	0.38	
27	90610200	81500	SHOP	10:00	0.36	
28	90791600	181400	SHOP	10:00	0.37	
29	90869200	77600	SHOP	09:00	0.36	
30	90957000	87800	SHOP	09:30	0.37	
31	91269900	312900	SHOP	06:30	0.39	Filling reservoir, south side of Hwy

NOTE:

MONTHLY CHLORINATION REPORT

Month of September 2015

SYSTEM NAME: IDAHO CLUB, PWS #1090195

IDAHO - DEQ

COUNTY: BONNER

JEAN FELKER

2110 Ironwood Parkway

TYPE OF CHLORINATOR: LMI

Coeur d'Alene, ID 83814

(208) 769-1422

OPERATOR SIGNATURE:

91269900

Robert Hansen - (265-4270)

DATE	METER READING	WATER USED	FREE CL ₂ RESIDUAL, mg/L			COMMENTS
			LOCATION	TIME	RESULT	
1	91340500	70600	SHOP	10:30	0.40	
2	91405500	65000	SHOP	07:30	0.41	
3	91461200	55700	SHOP	12:00	0.40	
4	91515900	54700	SHOP	14:00	0.41	
5	91753000	237100	SHOP	09:00	0.40	Filling reservoir, south side of Hwy
6	91829400	76400	SHOP	08:00	0.41	
7	91900900	71500	SHOP	11:30	0.42	
8	91952600	51700	SHOP	09:30	0.40	
9	92018300	65700	SHOP	12:30	0.40	
10	92290400	272100	SHOP	11:30	0.41	Filling reservoir, south side of Hwy
11	92336500	46100	SHOP	08:30	0.40	
12	92395900	59400	SHOP	09:00	0.41	
13	92455200	59300	SHOP	09:00	0.41	
14	92522200	67000	SHOP	14:00	0.40	
15	92569500	47300	SHOP	13:00	0.42	
16	92622300	52800	SHOP	08:30	0.40	
17	92669100	46800	SHOP	12:30	0.42	
18	92912700	243600	SHOP	08:30	0.40	Filling reservoir, south side of Hwy
19	92957100	44400	SHOP	08:30	0.41	
20	93012500	55400	SHOP	08:30	0.41	
21	93069200	56700	SHOP	11:00	0.40	
22	93116300	47100	SHOP	07:00	0.41	
23	93170600	54300	SHOP	11:30	0.40	
24	93209300	38700	SHOP	12:30	0.41	
25	93483000	273700	SHOP	11:30	0.42	Filling reservoir, south side of Hwy
26	93526900	43900	SHOP	08:30	0.42	
27	93576900	50000	SHOP	08:30	0.42	
28	93638000	61100	SHOP	13:00	0.41	
29	93678300	40300	SHOP	09:30	0.40	
30	93732400	54100	SHOP	12:30	0.42	

NOTE:

MONTHLY CHLORINATION REPORT

Month of October 2015

SYSTEM NAME: IDAHO CLUB, PWS #1090195

COUNTY: BONNER

TYPE OF CHLORINATOR: LMI

OPERATOR SIGNATURE:

93732400

Robert Hansen - (265-4270)

IDAHO - DEQ

JEAN FELKER

2110 Ironwood Parkway

Coeur d'Alene, ID 83814

(208) 769-1422

DATE	METER READING	WATER USED	FREE CL ₂ RESIDUAL, mg/L			COMMENTS
			LOCATION	TIME	RESULT	
1	93980400	248000	SHOP	12:00	0.38	Filling reservoir, south side of Hwy
2	94005800	25400	SHOP	09:30	0.37	
3	94056000	50200	SHOP	11:30	0.39	
4	94096900	40900	SHOP	09:00	0.36	
5	94156000	59100	SHOP	12:00	0.38	
6	94186900	30900	SHOP	10:00	0.39	
7	94238900	52000	SHOP	09:00	0.39	
8	94303600	64700	SHOP	11:00	0.37	
9	94575100	271500	SHOP	12:00	0.38	Filling reservoir, south side of Hwy
10	94613300	38200	SHOP	10:00	0.37	
11	94658200	44900	SHOP	11:00	0.38	
12	94709400	51200	SHOP	12:00	0.39	
13	94744400	35000	SHOP	10:30	0.40	
14	94781500	37100	SHOP	11:30	0.41	
15	94809600	28100	SHOP	14:30	0.40	
16	95011300	201700	SHOP	08:30	0.41	Filling reservoir, south side of Hwy
17	95047100	35800	SHOP	08:30	0.40	
18	95083600	36500	SHOP	14:30	0.41	
19	95112900	29300	SHOP	11:30	0.39	
20	95142000	29100	SHOP	12:30	0.41	
21	95165400	23400	SHOP	12:03	0.40	
22	95195500	30100	SHOP	15:30	0.41	
23	95402700	207200	SHOP	10:00	0.40	Filling reservoir, south side of Hwy
24	95419400	16700	SHOP	09:30	0.40	
25	95438800	19400	SHOP	08:30	0.41	
26	95453400	14600	SHOP	12:30	0.39	
27	95465000	11600	SHOP	08:30	0.42	
28	95477000	12000	SHOP	08:30	0.40	
29	95493500	16500	SHOP	12:30	0.41	
30	95745200	251700	SHOP	11:30	0.39	Filling reservoir, south side of Hwy
31	95756200	11000	SHOP	11:30	0.40	

NOTE:

MONTHLY CHLORINATION REPORT

Month of November 2015

SYSTEM NAME: IDAHO CLUB, PWS #1090195

COUNTY: BONNER

TYPE OF CHLORINATOR: LMI

OPERATOR SIGNATURE:

95756200

Robert Hansen - (265-4270)

IDAHO - DEQ

JEAN FELKER

2110 Ironwood Parkway

Coeur d'Alene, ID 83814

(208) 769-1422

DATE	METER READING	WATER USED	FREE CL ₂ RESIDUAL, mg/L			COMMENTS
			LOCATION	TIME	RESULT	
1	95767200	11000	SHOP	08:30	0.41	
2	95779400	12200	SHOP	08:30	0.40	
3	95791400	12000	SHOP	09:00	0.39	
4	95805900	14500	SHOP	10:00	0.41	
5	95823000	17100	SHOP	10:30	0.39	
6	96040400	217400	SHOP	11:00	0.40	Filling reservoir, south side of Hwy
7	96048200	7800	SHOP	08:00	0.39	
8	96059600	11400	SHOP	08:00	0.40	
9	96076500	16900	SHOP	10:00	0.38	
10	96093500	17000	SHOP	11:00	0.39	
11	96104500	11000	SHOP	09:00	0.41	
12	96121000	16500	SHOP	09:00	0.39	
13	96333800	212800	SHOP	12:00	0.40	Filling reservoir, south side of Hwy
14	96339300	5500	SHOP	08:00	0.39	
15	96350600	11300	SHOP	08:30	0.40	
16	96367200	16600	SHOP	10:30	0.39	
17	96378600	11400	SHOP	10:30	0.41	
18	96386500	7900	SHOP	10:30	0.39	
19	96407700	21200	SHOP	15:00	0.41	
20	96600700	193000	SHOP	09:00	0.39	Filling reservoir, south side of Hwy
21	96616400	15700	SHOP	09:00	0.40	
22	96628300	11900	SHOP	09:00	0.39	
23	96651100	22800	SHOP	12:30	0.41	
24	96662800	11700	SHOP	10:00	0.39	
25	96673900	11100	SHOP	10:00	0.40	
26	96685000	11100	SHOP	07:00	0.41	
27	96702100	17100	SHOP	13:00	0.39	
28	96926800	224700	SHOP	09:00	0.40	Filling reservoir, south side of Hwy
29	96947500	20700	SHOP	09:00	0.39	
30	96959800	12300	SHOP	11:30	0.41	

NOTE:

MONTHLY CHLORINATION REPORT

Month of December 2015

SYSTEM NAME: IDAHO CLUB, PWS #1090195

IDAHO - DEQ

COUNTY: BONNER

JEAN FELKER

2110 Ironwood Parkway

Coeur d'Alene, ID 83814

(208) 769-1422

TYPE OF CHLORINATOR: LMI

OPERATOR SIGNATURE:

96959800

Robert Hansen - (265-4270)

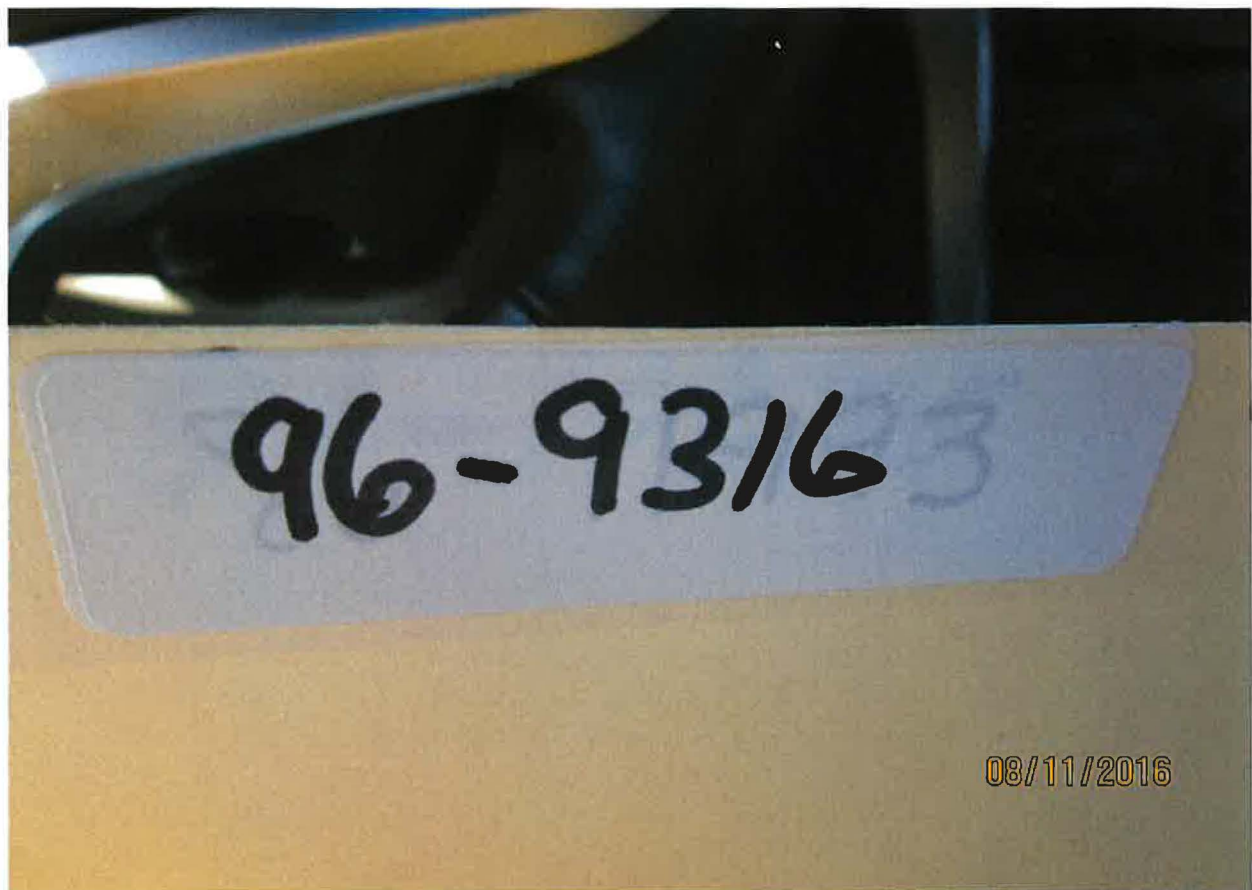
DATE	METER READING	WATER USED	FREE CL ₂ RESIDUAL, mg/L			COMMENTS
			LOCATION	TIME	RESULT	
1	96970800	11000	SHOP	13:00	0.39	
2	96982000	11200	SHOP	12:30	0.41	
3	96992900	10900	SHOP	10:00	0.40	
4	97207400	214500	SHOP	12:00	0.39	Filling reservoir, south side of Hwy
5	97218800	11400	SHOP	12:00	0.41	
6	97229900	11100	SHOP	09:00	0.42	
7	97240900	11000	SHOP	10:00	0.41	
8	97252100	11200	SHOP	10:00	0.40	
9	97263100	11000	SHOP	07:00	0.41	
10	97275200	12100	SHOP	10:00	0.39	
11	97287000	11800	SHOP	10:00	0.41	
12	97445300	158300	SHOP	08:00	0.40	Filling reservoir, south side of Hwy
13	97461900	16600	SHOP	08:30	0.41	
14	97478700	16800	SHOP	12:30	0.39	
15	97495700	17000	SHOP	10:30	0.40	
16	97512400	16700	SHOP	10:30	0.39	
17	97523500	11100	SHOP	11:30	0.38	
18	97544200	20700	SHOP	11:30	0.39	
19	97670500	126300	SHOP	08:30	0.38	Filling reservoir, south side of Hwy
20	97685800	15300	SHOP	09:30	0.39	
21	97698300	12500	SHOP	09:30	0.38	
22	97709300	11000	SHOP	11:30	0.37	
23	97725900	16600	SHOP	12:30	0.37	
24	97743300	17400	SHOP	11:00	0.38	
25	97979700	236400	SHOP	08:00	0.38	Filling reservoir, south side of Hwy
26	97992300	12600	SHOP	08:30	0.38	
27	98003800	11500	SHOP	08:30	0.37	
28	98026000	22200	SHOP	14:00	0.36	
29	98037200	11200	SHOP	12:00	0.37	
30	98048100	10900	SHOP	10:00	0.36	
31	98065000	16900	SHOP	11:00	0.37	

NOTE:

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.

1. WELL OWNER Name <u>Jim & Bill Berry</u> Address <u>Sandpoint Id.</u> Owner's Permit No. <u>96-85-N-110</u>	7. WATER LEVEL Static water level <u>9</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 _____ OF. Quality _____																																		
2. NATURE OF WORK ☒ New well ☐ Deepened ☐ Replacement ☐ Abandoned (describe method of abandoning) _____	8. WELL TEST DATA ☒ Pump ☐ Baller ☐ 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>100</u></td><td><u>16 ft.</u></td><td><u>4</u></td></tr></tbody></table>	Discharge G.P.M.	Pumping Level	Hours Pumped	<u>100</u>	<u>16 ft.</u>	<u>4</u>																												
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3. PROPOSED USE ☐ Domestic ☐ Irrigation ☒ Test ☐ Municipal ☐ Industrial ☐ Stock ☐ Waste Disposal or Injection ☐ Other _____ (specify type)	9. LITHOLOGIC LOG <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><u>6</u></td><td><u>1</u></td><td><u>3</u></td><td><u>Surface Soil</u></td><td></td><td>☒</td></tr><tr><td><u>6</u></td><td><u>3</u></td><td><u>40</u></td><td><u>SAND + GRAVEL</u></td><td></td><td>☒</td></tr><tr><td><u>6</u></td><td><u>60</u></td><td><u>140</u></td><td><u>SAND + BRN. CLAY</u></td><td></td><td>☒</td></tr><tr><td><u>6</u></td><td><u>140</u></td><td><u>165</u></td><td><u>SAND + BRN. CLAY</u></td><td></td><td>☒</td></tr></tbody></table>	Hole Diam.	Depth		Material	Water		From	To	Yes	No	<u>6</u>	<u>1</u>	<u>3</u>	<u>Surface Soil</u>		☒	<u>6</u>	<u>3</u>	<u>40</u>	<u>SAND + GRAVEL</u>		☒	<u>6</u>	<u>60</u>	<u>140</u>	<u>SAND + BRN. CLAY</u>		☒	<u>6</u>	<u>140</u>	<u>165</u>	<u>SAND + BRN. CLAY</u>		☒
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4. METHOD DRILLED ☐ Rotary ☐ Air ☐ Hydraulic ☐ Reverse rotary ☒ Cable ☐ Dug ☐ Other _____	96-08625 RECEIVED JUN 26 1986 Department of Water Resources Boise, Idaho																																		
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><u>2.50</u> inches</td><td><u>6</u> inches</td><td><u>1</u> feet</td><td><u>161</u> feet</td></tr><tr><td>_____ inches</td><td>_____ inches</td><td>_____ feet</td><td>_____ feet</td></tr><tr><td>_____ inches</td><td>_____ inches</td><td>_____ feet</td><td>_____ feet</td></tr><tr><td>_____ inches</td><td>_____ inches</td><td>_____ feet</td><td>_____ feet</td></tr></tbody></table> Was casing drive shoe used? ☒ Yes ☐ No Was a packer or seal used? ☐ Yes ☒ No Perforated? ☐ Yes ☒ No How perforated? ☐ Factory ☐ Knife ☐ Torch Size of perforation _____ inches by _____ inches Number _____ perforations _____ feet _____ feet _____ perforations _____ feet _____ feet _____ perforations _____ feet _____ feet Well screen installed? ☒ Yes ☐ No Manufacturer's name <u>COOK</u> Type <u>Stainless Steel</u> Model No. _____ Diameter <u>6</u> Slot size <u>35</u> Set from <u>161</u> feet to <u>166</u> 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>20</u> Material used in seal: ☐ Cement ☐ Pudding clay ☐ Well cuttings Sealing procedure used: ☐ Slurry pit ☒ Temp. surface casing ☐ Overbore to seal depth Method of joining casing: ☐ Threaded ☒ Welded ☐ Solvent _____ Weld Department of Water Resources ☐ Cemented between strata Describe access port <u>Well Cap</u>		Thickness	Diameter	From	To	<u>2.50</u> inches	<u>6</u> inches	<u>1</u> feet	<u>161</u> feet	_____ inches	_____ inches	_____ feet	_____ feet	_____ inches	_____ inches	_____ feet	_____ feet	_____ inches	_____ inches	_____ feet	_____ feet														
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6. LOCATION OF WELL Sketch map location must agree with written location. <table border="1"><tr><td>N</td><td></td><td></td></tr><tr><td>Y</td><td></td><td></td></tr><tr><td>W</td><td></td><td>E</td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td>S</td><td></td><td></td></tr></table> County <u>BOONVILLE</u> Subdivision Name _____ Lot No. _____ Block No. _____ <u>NW 1/4 NW 1/4 Sec. 31, T. 58N N/2, R. 1E E.W.</u>	N			Y			W		E							S																			
N																																			
Y																																			
W		E																																	
S																																			
10. Work started <u>10-15-85</u> finished <u>10-20-85</u>	11. DRILLERS CERTIFICATION ☒ I/We certify that all minimum well construction standards were compplied with at the time the rig was removed. Firm Name <u>BRONSON WATER WORKS</u> Firm No. <u>360</u> Address <u>Box 1 SPIRIT Lake Idaho</u> <u>10-20-85</u> Signed by (Firm Official) <u>HD Bronson</u> and (Operator) _____																																		

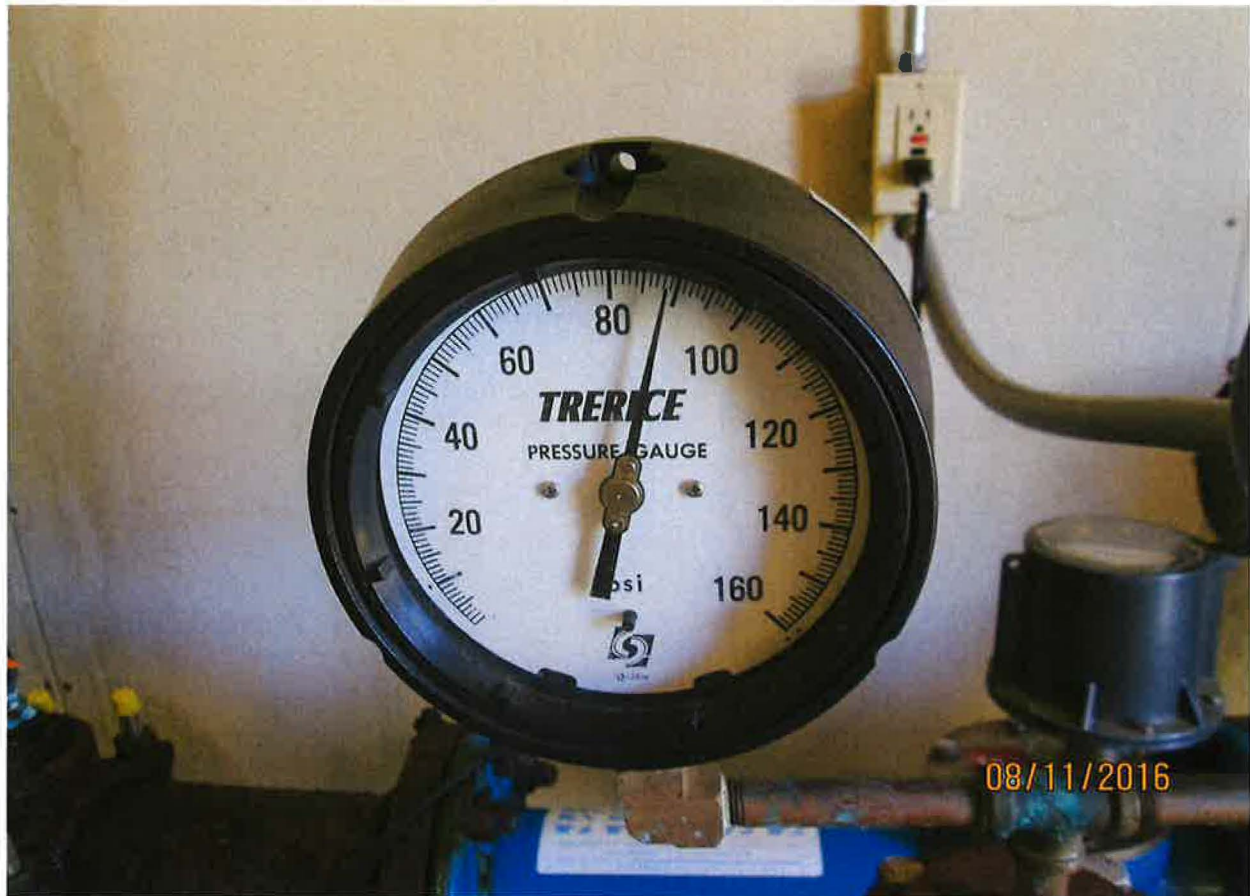


POD – GROUNDWATER WELL 96-85-N-110

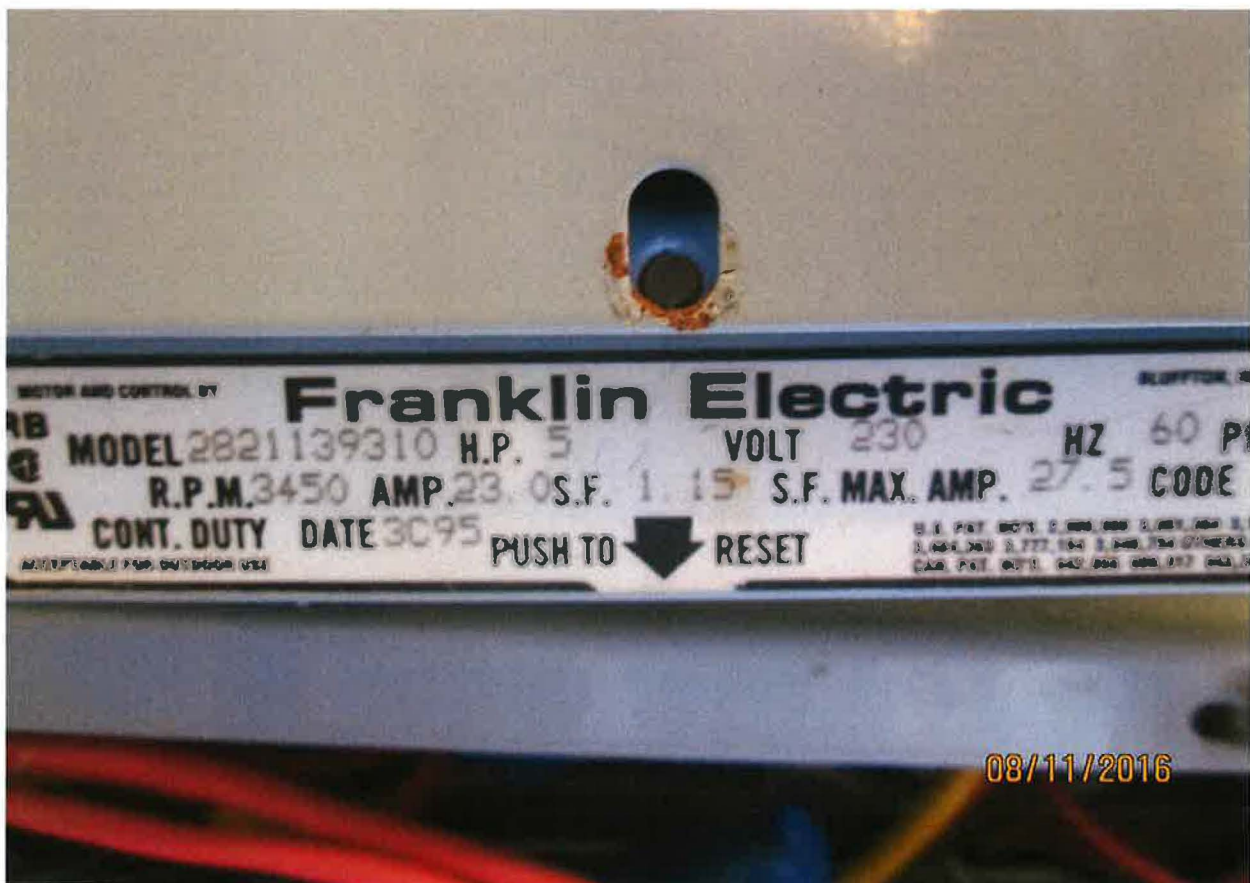


POD – GROUNDWATER WELL, D TAG D0013791





OPERATING PSI



5 HP PUMP INSTALLED IN WELL 96-85-N-110



SYSTEM CONTROL PANEL – 40 HP PUMP INSTALLED WELL D0013791

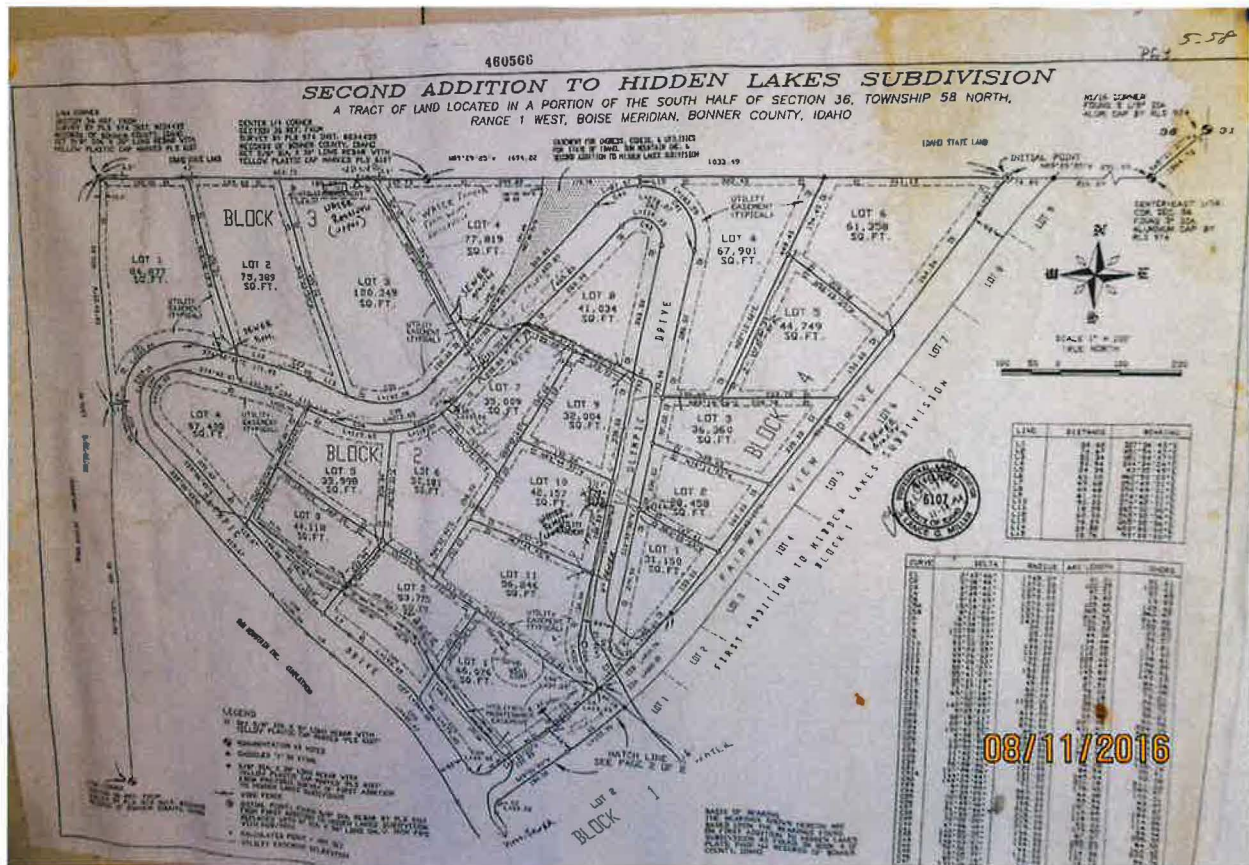


WATER CONVEYANCE SYSTEM PIPES

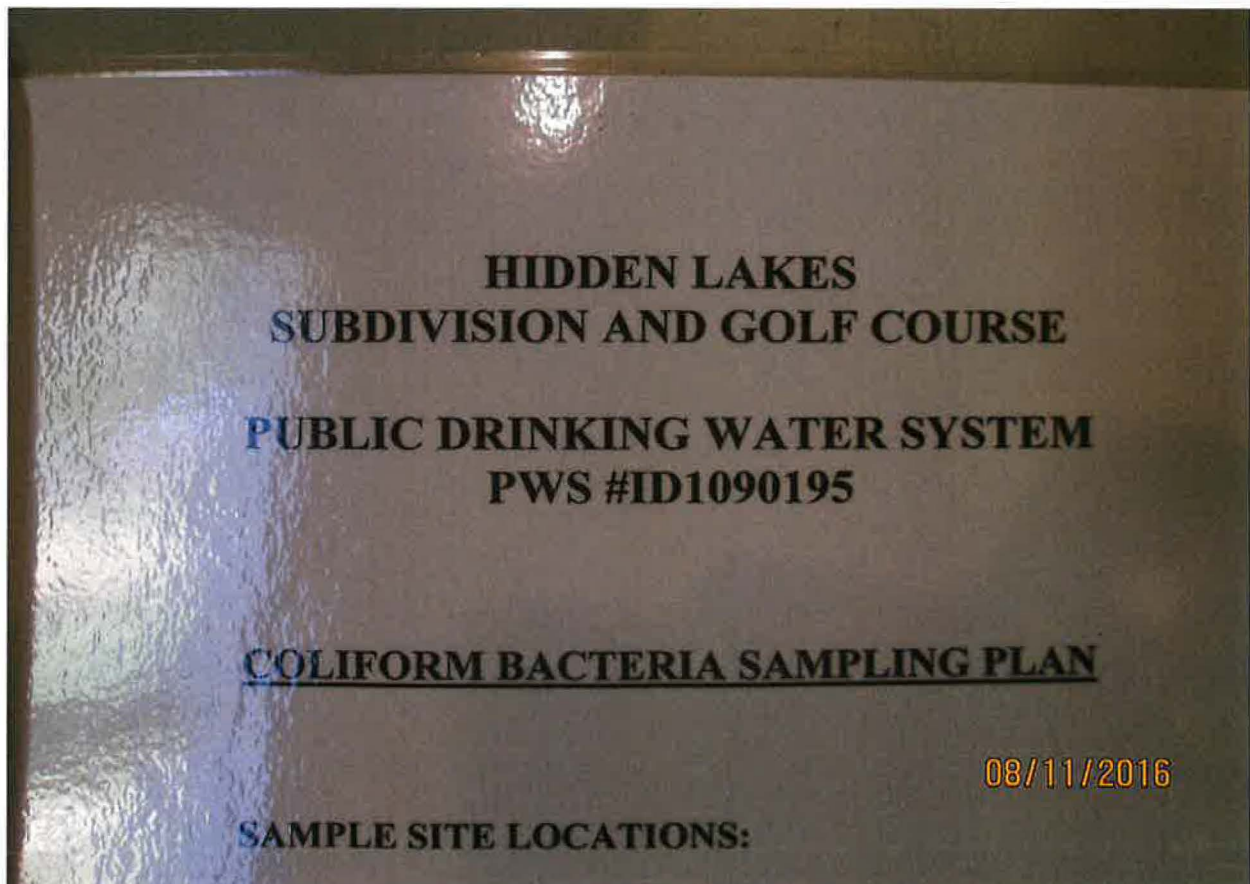


FLOW METER(S) INSTALLED ON SYSTEM





PLOT MAP



PWS #ID1090195



PUMP HOUSE



EXAMPLE - FIRE SYSTEM INSTALLED FIRE HYDRANT IN MUNICIPAL POU



MUNICIPAL POU – STUBBED-IN PARCELS

