

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

RECEIVED

DEC 27 2010

DEPARTMENT OF
WATER RESOURCES**A. GENERAL INFORMATION**Permit No. 22-78141. Owner City of DriggsPhone No. (208) 354-2362Current address P.O. Box 48, Driggs, ID 834222. Examiner's name Paul Scoresby, PEEXAM DATE September 28, 20103. Accompanied by Jared Gunderson

Email _____

Address P.O. Box 48, Driggs, ID 83422Relationship to permit holder Employee: System OperatorPhone No. (208) 354-23624. Source Ground water

tributary to _____

B. OVERLAP REVIEW1. Other water rights with the same place of use None for Valley Centre/City of Driggs has numerous water rights.2. Other water rights with the same point of diversion None**C. DIVERSION AND DELIVERY SYSTEM**1. Point(s) of Diversion: Valley Centre Subdivision Well

Ident. No.	Gov't Lot	¼	¼	¼	Sec	Twp	Rge	County	Method of Determination/Remarks
			NE	SW	23	05N	45E	Teton	On site, USGS Map, Plat

2. Place(s) of Use:

Method of determination On site, USGS Map, Plat

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
5N	45E	23								M	M								

E. NARRATIVE/REMARKS/COMMENTS

System consists of a well with mainline to all lots of the Valley Centre Subdivision. Subdivision mainline was connected to the City of Driggs Municipal Water System in 2007.

See attached Valley Centre Subdivision Plats and Well Control / Plumbing Elevation View.

Has the permit holder met all conditions of permit approval, including any mitigation requirements and/or measuring device installation requirements? ☒ Yes ☐ No If no, what must be done to meet the permit requirements?

3. **Delivery System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe diameter (inside), as applicable. Use the space provided or ☒ see attached.

See attached Sewer & Water Layout
&
As-Built Well Control & Plumbing System

Scale: 1" =

- ☐ Copy of USGS Quadrangle attached showing location(s) of point(s) of diversion and place(s) of use **(required)**
- ☐ Aerial photo attached (required for irrigation of 10+ acres)
- ☐ Photo of diversion and system attached

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
Valley Centre	Franklin	60	Model No 239602	Goulds Model 7THC	6 inch

*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
Flowmeter	Propeller	McCrometer	ML106	05-11348	6 inch	Nov. 16, 2005

2. Measurements:

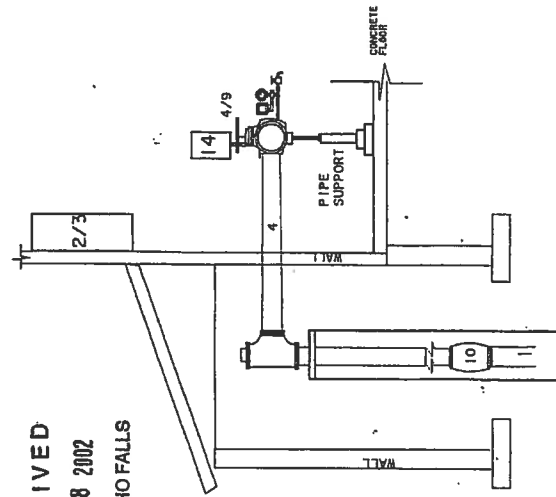
Volumetric flows were taken due to the variation of the instantaneous flow meter needle. Flow was measured at 900 gallons per minute over 3 minutes. See Item F. Flow measurements for details.

15-40-00

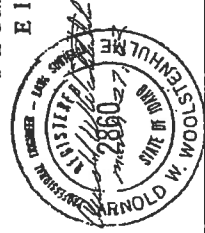
ITEM INDEX
PLUMBING IN VAULT & BUILDING

- | | |
|--|---|
| 1. 12" CASIO WELL
16" x 50" SEALED COVERING | 10. 6" CHECK VALVE |
| 2. PUMP CONTROL PANEL | 11. TAP INTO 8" DI WATERLINE |
| 3. WATER METER PANEL | 12. SAMPLE SP100T |
| 4. 6" D.I. PIPE SECTION | 13. PRESSURE GAUGE |
| 5. 8" 90° ELBOW (2) | 14. PRESSURE CONTROL SWITCH |
| 6. 6" TEE (1) | 15. WATER METER TOTALIZING METER |
| 7. 6" GATE VALVE (2) | 16. 6" VALVE WATERMAN FF 25"
WITH 60 MESH SCREEN |
| 8. 6" WASTE LINE | |
| 9. 60 MESH SCREEN BRASS OR STAINLESS | |

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MAR 28 2002
DEQ-IDAHO FALLS

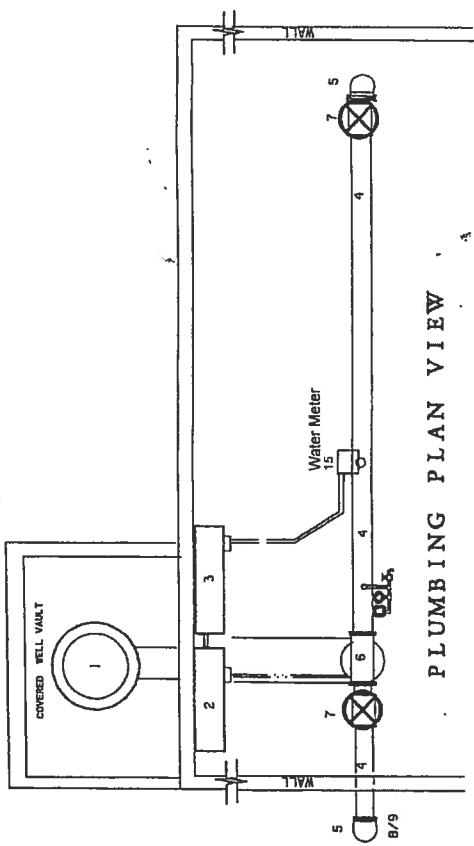


PLUMBING SECTION
Elevation View

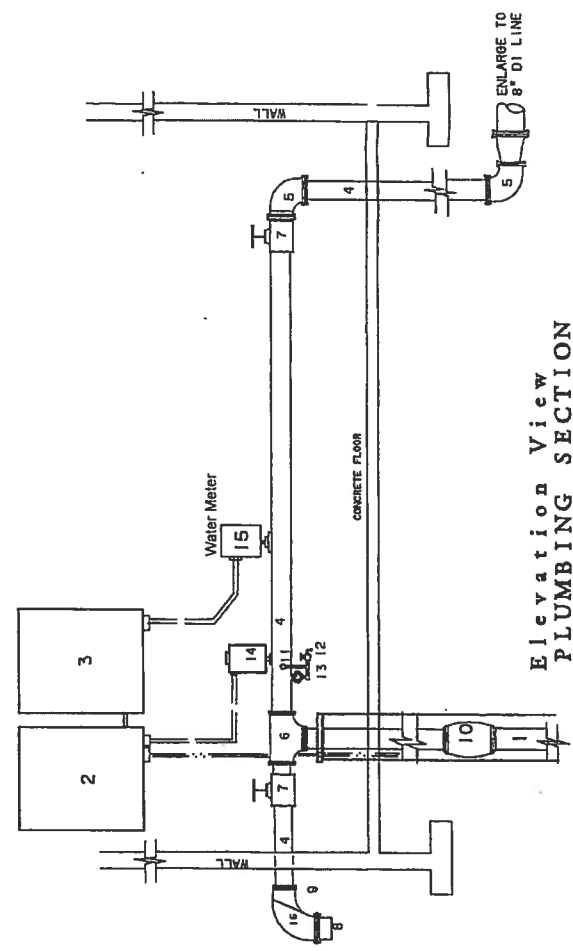


AS-BUILT CONST.
WELL CONTROL & PLUMBING
VALLEY CENTER SUBDIVISION

22-7814

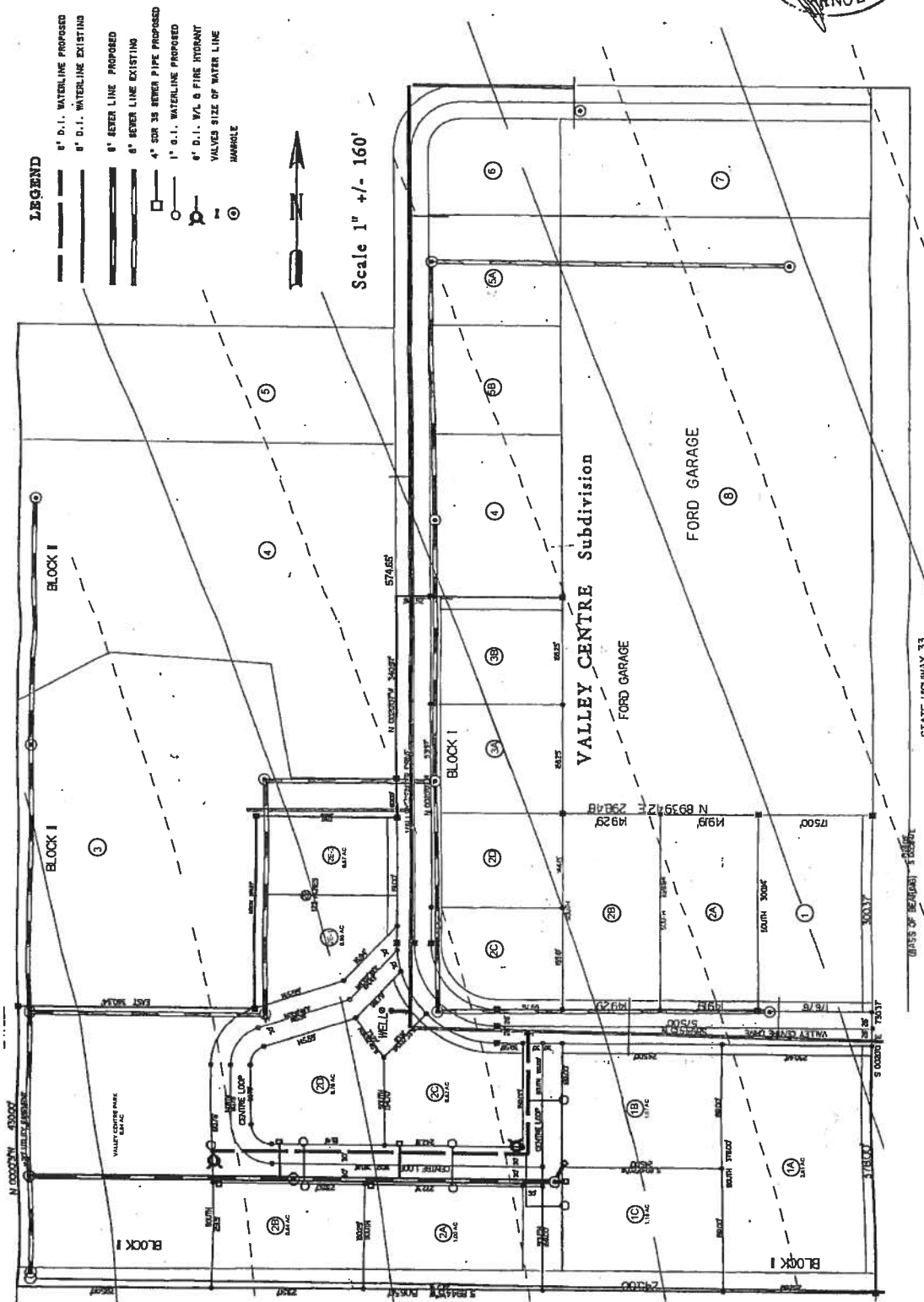


PLUMBING PLAN VIEW



Elevation View
PLUMBING SECTION

AW ENGINEERING
P.O. BOX 139, VICTOR, IDAHO 83455
208-787-2852



SEWER & WATER LAYOUT	PROJ. NO. 2005-014
VALLEY CENTRE Sub Amended Plat	SHEET NO. 2 of 8

AW ENGINEERING
 P.O. BOX 199, Victor Idaho
 83455 208-787-2932

22-7814

F. FLOW CALCULATIONS

Additional computation sheets attached

Measured Method:

Totalizing & Instantaneous Flow Meter: 3 minute reading from meter

Start: 88,707,200.0 gallons

1 minute: 88,708,100.0 gallons

2 minute: 88,709,000.0 gallons

3 minute: 88,709,900.0 gallons

Total Pumped: 2,700 gallons over 3 minutes= 900.0 gal/min= 2.01 cfs

Diversion Q limited to 2.00 cfs

G. VOLUME CALCULATIONS - N/A

1. Volume Calculations for Irrigation:

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

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

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

2. Volume Calculations for Other Uses:

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
Municipal	01/01	12/31	2.00	
Totals:			2.00	

2. Recommended Amendments

- ☐ Change P.D. as reflected on page 1 ☐ Add P.D. as reflected on page 1 ☒ None
☐ Change P.U. as reflected on page 1 ☐ Add P.U. as reflected on page 1 ☐ Other

I. AUTHENTICATION

Field Examiner's Signature _____ Date 12-14-10

Reviewer _____ Date _____

