

Hemenway, Sandy

From: paul shop [paulshop@pmt.org]

Sent: Thursday, May 21, 2009 3:15 PM

To: Hemenway, Sandy

Subject: Meter Information

Attachments: permit 36-08763 (1)0001.pdf; permit 36-08763 (1)0002.pdf; permit 36-08763 (1)0003.pdf

Sandy,

Here is the meter information on permit #36-08763 West Minico Well. If there is anything else you need please let me know. Also please let me know if this comes through okay.

Thank you,
Richard Rau
Public Works Director
City of Paul
208-438-4181 or 208-438-4101

5/21/2009

WMLP2 S.T. 1997

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
Water Measurement Program

WATER MEASURING DEVICE CERTIFICATION

Date of Testing 5/16/99Person performing test ABG

Post-It® Fax Note 7671

Date	<u>5/26/00</u>	# of pages	<u>3</u>
From			
To	<u>RICH</u>		
Co./Dept.			
Phone #			
Fax #	<u>438-4141</u>		

Name:	<u>City of Adel</u>		
Water Right No:			
Legal Description:	<u>T</u>	<u>R</u>	<u>Sec</u>
Site Tag No:	<u>West</u>		
Diversion Name:	<u>Minico Well</u>		

Current Owner

Name _____ Phone _____
Last First MI City State Zip

Operator (if leased or operated by someone else)

Name _____ Phone _____
Last First MI

SECTION I WELL SITE IDENTIFICATION

Global Positioning System Data: - Not Completed Yet

Data Collection Filename _____ Offset _____

IDWR Site Tag Identification No. _____

Site Tag location description: _____

PLS/USGS Locator _____

For Department/District Use Only

Received by _____ Date _____

Reviewed by _____ Date _____

Data Entry by _____ Date _____

SECTION II INSTALLED METER INFORMATION

METER AND MOUNTING PIPE INFORMATION			
Date of meter installation	Winter 98-99	Multipiler - Flow rate	1.0
Manufacturer	Seaflo Meter Co.	Multipiler - Totalizer	1.0
Meter Type	Propeller	Location (good, fair, poor)	Good
Model	FT-410	Pipe information	PVC
Serial Number		Pipe material	PVC
Size (nominal)	12"	Outside Diameter	15.2"
Measure Flow Rate?	(circle one) Yes No	Wall Thickness	5/16" = .05"
Measurement Units	(circle one) CFS GPM Other (specify)	Inside Diameter	14.0
Measure Cumulative Volume?	(circle one) Yes No	Dist. of straight pipe upstream from meter	Buried - But looks good
Volume Units	Acro-Feet Yes No Other (specify)	Dist. of Straight pipe downstream from meter	Buried But looks good

SECTION III CERTIFICATION FOR CALIBRATION OF A WATER MEASUREMENT METER

See back page for instructions.

Measurement No. 1 (M_1) is the measured rate of flow from the permanently installed flow meter.

Measurement No. 2 (M_2) is the measured rate of flow from the measuring device being used to check the flow for the calibration. This method or device must be accurate to within $\pm 5\%$ error. Describe below the method and equipment used to perform this measurement.

$$\text{Percent Difference} = (M_1 - M_2) \div M_2 \times 100 = \pm \% \quad (\text{Acceptable is within } \pm 10\%) \quad (\text{equation 1})$$

$$\text{Calibration Multiplier} = M_2 \div M_1 \quad (\text{equation 2})$$

Is flowmeter installed according to manufacturer's specifications? Yes / No / Unsure
Describe any apparent problems with installation or operation

Flowmeter accuracy prior to any adjustments: _____ Totalizer reading _____

Flowmeter accuracy after final adjustment: _____ Totalizer reading _____

Flowmeter calibration multiplier: 1.0 Fuji Meter

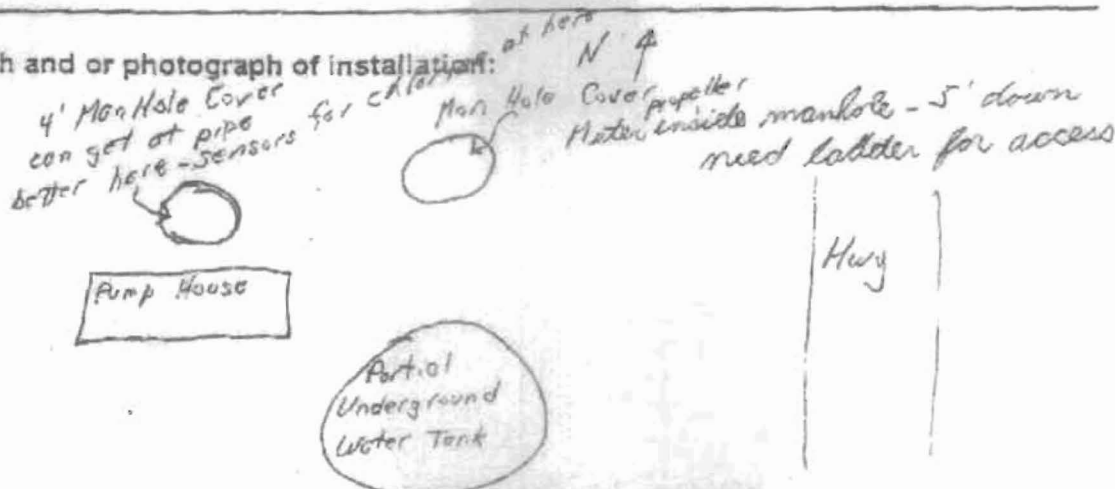
Seaflo Meter Serial # 03980856 Page 2

Water Level DataDoes the well have access to measure water levels? Yes / NoStatic Water Level ft
Date Pumping Water Level ft (at condition #)
Date **FLOWMETER ACCURACY CALIBRATION TABLE**

Owners meter (totalizer reading)	Time	Total Gallons	Ave. Flow Rate - GPM (M.)	Standard total gallons	Average flow rate (M.)	Percent diff. (±)	Comments and adjustments
10213863	1322						
10216940	1334	3077	256.4	3011	250.9	2.2%	

Notes, Comments or Calculations: The Fugi read lower than
their meter but the Fugi read low on the bigger pipes
at Everly Research Center. Therefore the readings from the
City of Pauls meter & the West River well don't need adjusted.

Sketch and or photograph of installation:



I certify that the above information is true and correct to the best of my knowledge and ability and the measurements taken and recorded are in accordance with the standards and specifications of the equipment used.

Signature Arnold Whitehorn
 (person performing measurements)

Date 5/6/99