

Luke, Tim

TO FILE

Shelley

From: Hansen, Gene
Sent: Tuesday, August 26, 2008 1:05 PM
To: Luke, Tim
Cc: Carlsen, Ernie
Subject: RE: WMIS 200100

Tim,

Stayed late last evening and was able to contact Glen Yancy. Did calibration verification this morning. Results are posted in WMIS along with site visit notes, which you may want to read. I informed Mr Yancy that I would send a yearly report form to him.

Gene

From: Luke, Tim
Sent: Monday, August 25, 2008 4:46 PM
To: Hansen, Gene
Cc: Keen, Shelley; Carlsen, Ernie
Subject: RE: WMIS 200100

Gene,

You need to visit this one. Please contact Burkman or Roberts and tell them it is imperative that one of them meet with you, otherwise I will prepare an NOV for their failure to submit measurement reports. Lets not worry what Bingham GWD may or may not be doing. I would also like you and Ernie to call me to discuss this on-going Bingham matter.

Tim

From: Hansen, Gene
Sent: Monday, August 25, 2008 4:38 PM
To: Luke, Tim
Cc: Carlsen, Ernie
Subject: RE: WMIS 200100

Tim,

Jason Tomsett tried to do a calibration in 2005, the pump cycled on and off so much the readings were in his estimate unreliable.

I tried last year to meet with Blaine Burkman, the contact listed at the time, and he referred me to another person. Tried several time to contact Paul Roberts, with no success. He apparently works at INL. This POD was on my visit list last year and is on this years as well.

Because it is a irrigation and domestic water right, BGWD may be billing (probably are) and the urgency to respond to us is not high priority.

Gene

From: Luke, Tim
Sent: Monday, August 25, 2008 11:37 AM
To: Hansen, Gene
Cc: Keen, Shelley; Carlsen, Ernie
Subject: WMIS 200100

Gene,

WMIS well 200100 owned by Groveland Water & Sewer Dsitrict in Blackfoot has estimated volumes for the past two years because they have not been turning in reports as per WMIS. WMIS also shows that a calibration has not been done since 2002. Is it possible one may have been done this year or last and not data entered yet. If not, can you schedule a calibration. You'll need to work with these folks and getting reports turned in. Don't these folks need to report usage to DEQ if it is a community system? We may also need to discuss doing annual meter readings on these commercial type

— Gene Hansen means the Groveland water system last night. See updates to database attached + his 2008 & 2005 visit. Rate of flow on

exam is about right (note however that 2002 measurement was 448 gpm as per EDK polysonic meter, not the 475 gpm from owners meter as Dave Carlson recommended. Still there is evidence from Gene that system can pump 500 - 520 gpm. Tim

None of this really addresses the volume issue. I assume they are diverting in excess. I find it a little odd they are using an 8-9" diam pipe? If the McCrometer meter is a mechanical meter, I would have concerns that it would accurately measure low flows & velocities. Tim

systems like we do in WD130 to make sure we are at least getting some relevant data.

Please give me a call or reply on this one. Shelley is licensing the permit and it appears based on WMIS records they are diverting about 4 times more than allowed under their permit.

Tim

WMIS

Water Management Information System



Quick Search:

Search Method:

WMIS Number ☐

WMIS Number

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Point Of Diversion

PCC

Flow Meter

Time Clock

Alternate

Contacts

Data Summary

Other

Logout

FM Calibration

* = Required fields

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Status: WMIS Number 200100; Metal Tag Number E0007278

Copy	Edit	Delete	Calibration	Installed Meter Information	Installed Meter Measurements	Standard Meter Measurements
☐ 2008						
☐ 08/25/08 0.90						
Copy	Edit	Delete	Calibration Date*	Manufacturer	Installed Meter Flow	Standard Meter Flow
			8/25/2008 8:00:00 AM	MCCROMETER	155.00	140.10
			Factor	Serial Number	Rate Unit*	Rate Unit
			0.90	85 8 1651	GPM	GPM
				Installation Date	Rate Multiplier*	Pipe Material
					1.0000	DUCTILE IRON
				Model Number	Volume Multiplier*	Outside Diameter
					100.0000	9.07
				Meter Type	Volume Unit*	Wall Thickness
				PROPELLER	GAL	0.37
				Other Well	Location:	Downstream Distance
					EXCL	3.00
				Comments		Upstream Distance
				VFD system designed to produce 520 gpm at 60 psi. Opened fire hydrant to obtain constant low flow for calibration.		5.00
						Calibration Confidence
						POOR
☐ 2002						
☐ 05/30/02 0.94						
Copy	Edit	Delete	Calibration Date*	Manufacturer	Installed Meter Flow	Standard Meter Flow
			5/30/2002 12:00:00 AM	MCCROMETER	475.00	448.00
			Factor	Serial Number	Rate Unit*	Rate Unit
			0.94	85 8 1651	GPM	GPM

Installation Date

Rate Multiplier*

1.0000

Pipe Material

DUCTILE IRON

Model Number

Volume Multiplier*

100.0000

Outside Diameter

9.07

Meter Type

PROPELLER

Volume Unit*

GAL

Wall Thickness

0.35

Other Well

Location:

GOOD

Downstream Distance

1.00

Comments

Upstream Distance

5.00

Calibration Confidence

FAIR

☐ 1999

☐ 07/28/99 0.93

Copy Edit Delete

Calibration Date*

7/28/1999
12:00:00 AM

Factor

0.93

Manufacturer

MCCROMETER

Installed Meter Flow

470.00

Standard Meter Flow

435.40

Serial Number

85 8 1651

Rate Unit*

GPM

Rate Unit

GPM

Installation Date

Rate Multiplier*

1.0000

Pipe Material

DUCTILE IRON

Model Number

Volume Multiplier*

1.0000

Outside Diameter

9.08

Meter Type

PROPELLER

Volume Unit*

GAL

Wall Thickness

0.36

Other Well

Location:

Downstream Distance

5.00

Comments

Upstream Distance

5.00

Calibration Confidence

FAIR

WMIS

Water Management Information System



Quick Search:

Search Method:

WMIS Number

WMIS Number

200100

Search

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Point Of Diversion

PCC

Flow Meter

Time Clock

Alternate

Contacts

Data Summary

Other

Logout

≤ ≥ Site Visit

* = Required fields

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Status: WMIS Number 200100; Metal Tag Number E0007278

Copy	Edit	Delete	Report Year*	Visit Date*	Examiner	Reason for Visit
Copy	Edit	Delete	2008	8/25/2008 8:00:00 AM	GHANSEN	Flowmeter Calibration
Comments System is a VFD designed to operate at 520 gpm at 60psi. Pump would start, run at approx 500 gpm for only a minute or two, then throttle down as pressure went up. At close to design pressure, only 7 gpm was flowing. Had operator open a fire hydrant at a low flow so that system would operate at a constant velocity. When operating at full flow, Fuji showed 500 gpm and RATE on flow meter showed 490 gpm. Operator was asked to return a yearly report form. It will need to be sent to him.						
Copy	Edit	Delete	2005	11/7/2005 12:00:00 AM	JTOMSETT	Other
Comments On August 19th, I met with Blaine to do a Q-meter calibration. Several issues prevented getting a calibration. First, the pump was cycling on for only 3-4 minutes at a time. Second, I was having a lot of trouble getting the printer to print out right, so I tried setting the data logger. Third, the Data logger failed to stop at the set time. The data logger screen continued to say that it was "sampling" hours past the set end time, which was indicated at the top of the "sampling" screen! I double-checked the time and date with my watch and then interval-they were all okay. I am aware however, that I stated it really close to the set start time, so it could be that I pressed "start" just milliseconds after its internal clock tuned to the set start time. Otherwise, the software must have had a bug in it. I've tried calling Blaine may times since then. He called me back once and left a message after he got back from a camping trip. We've not been able to cross ends since our first meet!						
Copy	Edit	Delete	2002	5/30/2002 12:00:00 AM	MHOLLIDAY	Flowmeter Calibration
Comments PUMP WOULD NOT STAY ON FOR MORE THAN 5 MINUTES AT A TIME.						
Copy	Edit	Delete	1999	7/28/1999 12:00:00 AM	SMUELLER	Flowmeter Calibration
Comments						

GOT GOOD FLOW MEASUREMENT. FOLLOW-UP 2002.

[Copy](#) [Edit](#) [Delete](#)

Report Year*

1998

Visit Date*

11/5/1998 12:00:00 AM

Examiner

LROUNDS

Reason for Visit

Routine

Comments

BLAINE BURKMAN 785-7263 (OPERATOR) LARRY JORGENSEN 7785-1246 (OPERATOR) 52 HOMES, POWER METER SUPPLIES POWER TO LIGHTS AND HEATER.