IDAHO DEPARTMENT OF WATER RESOURCES Water Measurement Program

POWER CONSUMPTION COEFFICIENT WORKSHEET

(Revised 6/2006)

		anne ann an Ianaigh an	
District	Porte	Maston	Corenzo
Diversion	on Name	orter Pu	emp: (Giffith)
Invento	ry Date	107	Test Date
	ry Examiner	!/	Person performing test
PCC o.	k.? 🗆 Yes t	⊐ No	Exam complete? ☐ Yes ☐ No
A THE PROPERTY AND A THE PROPERT	Name: Water Right No.: Legal Description: Site Tag No.: Diversion Name:	T R	Sec
Curren	t Owner	·	
	Corenzo	Griffth.	Phone 747-356
	s		•
	St		
Operat	or (if leased or oper	ated by person oti	her than owner)
-			Phone
	S		Cell
	St		
Dat IDW Site	Positioning System a Collection Filenam VR Site Tag Identifica Tag Location descr SGS LOCATOR	he $A \setminus 586$ ation No. A iption: A own	20 Offset 6015820 stream pipe
For Don	artment/District Use Only		
W-111111111111111111111111111111111111	d by		
	ed by		1100
Data En	try By	Date	

Well Pump and Motor Information

Pump Data		Motor Data	
Manufacturer	General Electric	Manufacturer	General Dec.
Serial Number	MT31223101	Serial Number	MIZ1223101
Model Number	5K 6277 XH 1B.	Rated Horsepower	150
Туре	K	Rated Amps	173
Impeller Diameter		Rated Volts	460
Rated Speed		Rated Speed	1770
Rated Discharge		Phase	3
Rated Head		Service Factor	1.15

Booster Pump and Motor Information

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class	B	Rise.

	NA LA DOLL
Pump Data	Motor Data
Manufacturer	Manufacturer
Serial Number	Serial Number
Model Number	Rated Horsepower
Туре	Rated Amps
Impeller Diameter	Rated Volts
Rated Speed	Rated Speed
Rated Discharge	Phase
Rated Head	Service Factor

Power and Water Metering Information

Kilowatt-Hour Meter		Water Measurement Equipment and Pipe Information		
Utility	Std. Meter Manufacturer			
Pole Number	Std. Meter Model No.			
Meter Manufacturer	Std. Meter Type (circle one)	Sonic Pyg Collins Hall Anub Dye/chem. Other		
Meter Serial No.	Std. Meter Confidence (circle one)	Excl Good Fair Poor 2% 5% 10% >10%		
Disc Constant (Kh)	PSI gauge ID location ≘ discharge head	District / Owner Yes / No		
Rated Voltage	Pipe Material			
Demand	Pipe Outside Diameter			
Multiplier (Mult)	Pipe Inside Diameter			
CTR (Current) PTR (Voltage)	Distance of straight pipe upstream and down	Upstream Downstream		

Kilowatts of Energy Consumed						
KW = $3.6 \times$ Kh \times Multiplier \times No. of revolutions (N) + Time (T) in seconds per N						
Cond.#1 N =	(No. of Dis	c Rev)	Time (sec) = ()+()+()/3 =	Ave
3.6 ×	(Kh) ×	(Mult)	× (N) ÷		KW	
Cond.#2 N =	(No. of Dis	c Rev)	Time (sec) = ()+()+()/3 =	Ave
3.6×	(Kh)×	(Mult)	× (N) ÷	(T) = *	KW	
Cond.#3 N =	(No. of Dis	c Rev)	Time (sec) = ()+()+	()/3 =	Ave
3.6×	(Kh)×	(Mult)	× (N) ÷	(T) = *	KW	

Measured Flow Rate and Discharge Pressure — Enter flow rate as determined by the "standard" water measurement meter in GPM, and discharge pressure measured in PSI. Attach documentation to support data such as notes, printout tapes, etc.

GPM Cond. #1 *______ #2 *______ #3 *_______

PSI Cond. #1 *______ #2 *______ #3 *_______

Power Consumption Coefficient (PCC) = KW × 5431 ÷GPM				
PCC Cond #1 = *	(KW) × 5431 ÷ *	(gpm) =	(kWh/ac.ft)	
Qualifier Condition	n 1: 123456789 Other			
Percent of seasonal	use * Description *			
PCC Cond #2 = *	(KW) × 5431 ÷ *	(gpm) =	(kWh/ac.ft)	
Qualifier Condition	n 2: 1 2 3 4 5 6 7 8 9 Other			
Percent of seasonal	l use * Description *	*		
PCC Cond #3 = *	(KW) × 5431 ÷ *	(gpm) =	(kWh/ac.ft)	
Qualifier Condition	n 3: 123456789 Other			
Percent of seasona	l use * Description *	k		
Is the system operator required to t	rack and report changes in syster	n operation? ~ Yes -	~ No (check one)	
System Type (circle all that apply): Pivot, linear / Wheel In / Hand In / Gated pipe, flood / Drip / Open Discharge				

	Crop Type Number of Acres		
1			
2			
3			
4			
Total Acres =			

WATER LEVEL DATA	
Does the well have access to measure water levels? ~ Yes ~ No (chi	eck one)
Is this well part of USGS, IDWR, or another <u>network</u> of water level monitoring	ng wells? ~ Yes ~ No ~ Uncertain
Static Water Levelft Pumping Water Level Date	
Further describe system operating conditions (if necessary) and how was obtained:	
Sketch of pumping plan layout or photograph of pumping plant and p	ping:
	, ₁ 0 -
Notes - Comments - Calculations: Photo 1640 3	1641.
Pumpuras off. It looks like it is run for a little while, it was o grass; weeds.	vergrown with
I certify that the above information is true and correct to the best of my known measurements taken and recorded are in accordance with the standards are equipment used.	
	ate
(person performing measurements)	

E:\Admin\Forms\DWR Forms\CURRENT FORMS\PCC Worksheet-ck.doc



photo 1640



photo 1641