

[illegible]

Method of Determination:

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.

<u>Well or Diversion</u> <u>ID No.*</u>	<u>Motor Make</u>	<u>Hp</u>	<u>Motor Serial No.</u>	<u>Pump Make</u>	<u>Pump Serial No. or Discharge</u> <u>Size</u>
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*Code to correspond with No. on map and aerial photo

D. FLOW MEASUREMENTS

1.

<u>Measurement</u> <u>Equipment</u>	<u>Type</u>	<u>Make</u>	<u>Model No.</u>	<u>Serial No.</u>	<u>Size</u>	<u>Calib. Date</u>
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

2. Measurements: The Myrtle Well flow is 1068GPM = 2.38CFS

E. FLOW CALCULATIONS

_____ Additional Computation Sheets Attached

Measured Method:

F. VOLUME CALCULATIONS**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: No Volume on each Municipal water rights for the City of Grangeville

Basin	Sequence	Diversion Rate
85	2137	0.89
85	2138	0.89
85	4164	0.27
85	4166	0.08
85	4167	0.18
85	4193	0.16
85	7120	1.18
85	7276	1.97
85	7598	2.23
Total		7.85 CFS

G. NARRATIVE/REMARKS/COMMENTS The city of Grangeville exam of water right 85-7598 was conducted on 05-08-2012. The beneficial use that is perfected is Municipal on this water right. Jeff Mcfredrick manager of planning explained the city has completed the use of municipal that has incorporated all the other uses on permit 85-7598. Service area of the municipal is the city limits Grangeville. System capacity of Myrtle Well is 1068 GPM flow meter was read on this exam and flow report is provided. The municipal use of 2.23 CFS will be recommended with no annual volume.

Have conditions of permit approval been met? ☒ Yes ☐ No

H. RECOMMENDATIONS**1. Recommended Amounts**

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
MUNICIPAL	1/01 to 12/31	2.230 CFS	
<u>Totals:</u>		2.230 CFS	

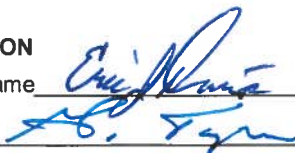
2. Recommended Amendments

☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☒ None

☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ Other

I. AUTHENTICATION

Field Examiner's Name



Date

5-29-2012

Reviewer



Date

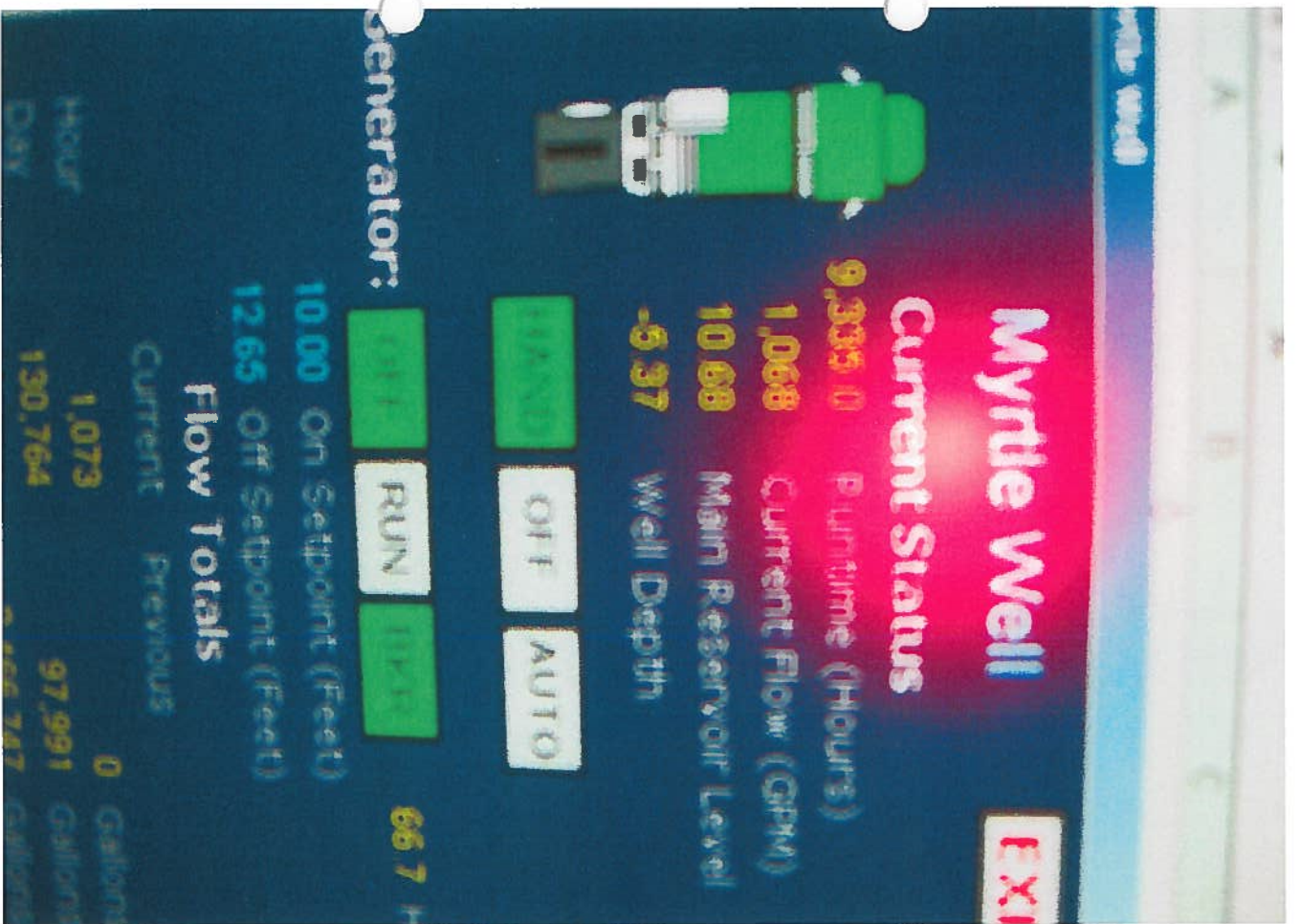
9/11/12



85-7598



200 HP



85-7598



HP	200	PH		RPM	1700	60	Hz
FRAME	445 TPA				460	230	
TYPE	RUE	ENCL	WPI				
DESIGN	B	CODE	P				
CONT. RATING	10 DEG C	AMB	SF	1.15			
UPPER BEARING	7322-H					6211-J	
OIL CAPACITY	UPPER BEARING	4		QTS.	LOWER BEARING		QTS.
ID#	B413 /			X09X123R651L-4			
NEMA NOM EFF	93.4	FL PF	86.4		MAX KVAR	39.4	
	133						

PREMIUM EFFICIENCY HIGH THRUST MOTOR

U.S. ELECTRICAL MOTORS
DIVISION OF EMERSON ELECTRIC
ST. LOUIS, MO

369725

MADE IN U.S.A.

85-7598

HP	200	PH		RPM	1700	60	Hz
FRAME	445 TPA				460		
TYPE	RUE	ENCL	WPI				
DESIGN	B	CODE	P				
CONT. RATING	40 DEG C	AMB	SF	1.15			
UPPER BEARING	7322-H						
OIL CAPACITY	UPPER BEARING	4		QTS.	LOWER BEARING		
ID#	B413 /			X09X123R651L-4			
NEMA NOM EFF	93.4	FL PF	86.4		MAX KVAR		

PREMIUM EFFICIENCY HIGH THR

U.S. ELECTRICAL MOTORS
DIVISION OF EMERSON ELECTRIC
ST. LOUIS, MO



MADE IN U.S.A.

City of Grangeville Flow Summary

Myrtle Well

EXIT

Current Status

9,335.0 Runtime (Hours)

1,068 Current Flow (GPH)

10.60 Main Reservoir Level

5.37 Well Depth

HAND

OFF

AUTO

Generator: OFF RUN BKR

56.7 hrs

10.40 on Selfpoint (Feet)

12.40 on Selfpoint (Feet)

Flow Totals

Current Previous

1,075

0 Gallons

For Month of May 2012													
Myrtle Well	Cash Well	Emers Well	Park Well	Cash Well	Emers Well	Hell Street P1	Hell Street P2	Myrtle Well	Park Well	Spencer Well			
Gallons	Gallons	Gallons	Gallons	Hours	Hours	Hours	Hours	Hours	Hours	Hours			
97,947	41,364	25,840	101,372	4,646.9	5,586.6	2,866.2	2,892.1	9,303.9	7,108.9	7,120.0			
0	76,984	0	188,837	4,651.7	5,586.6	2,866.2	2,892.8	9,303.9	7,113.7	7,124.8			
125,930	0	29,803	0	4,651.7	5,588.4	2,866.8	2,892.8	9,307.4	7,113.7	7,124.8			
110,675	29,715	27,096	73,043	4,653.5	5,590.0	2,866.8	2,893.4	9,310.6	7,115.5	7,126.6			
300,739	0	0	0	4,653.5	5,590.0	2,867.5	2,893.4	9,318.1	7,115.5	7,126.6			
333,568	0	0	0	4,653.5	5,590.0	2,867.5	2,894.1	9,328.4	7,115.5	7,126.6			
968,858.0	148,063.0	82,741.0	383,252.0	9.1	4.9	1.4	2.5	27.3	9.2	9.2			

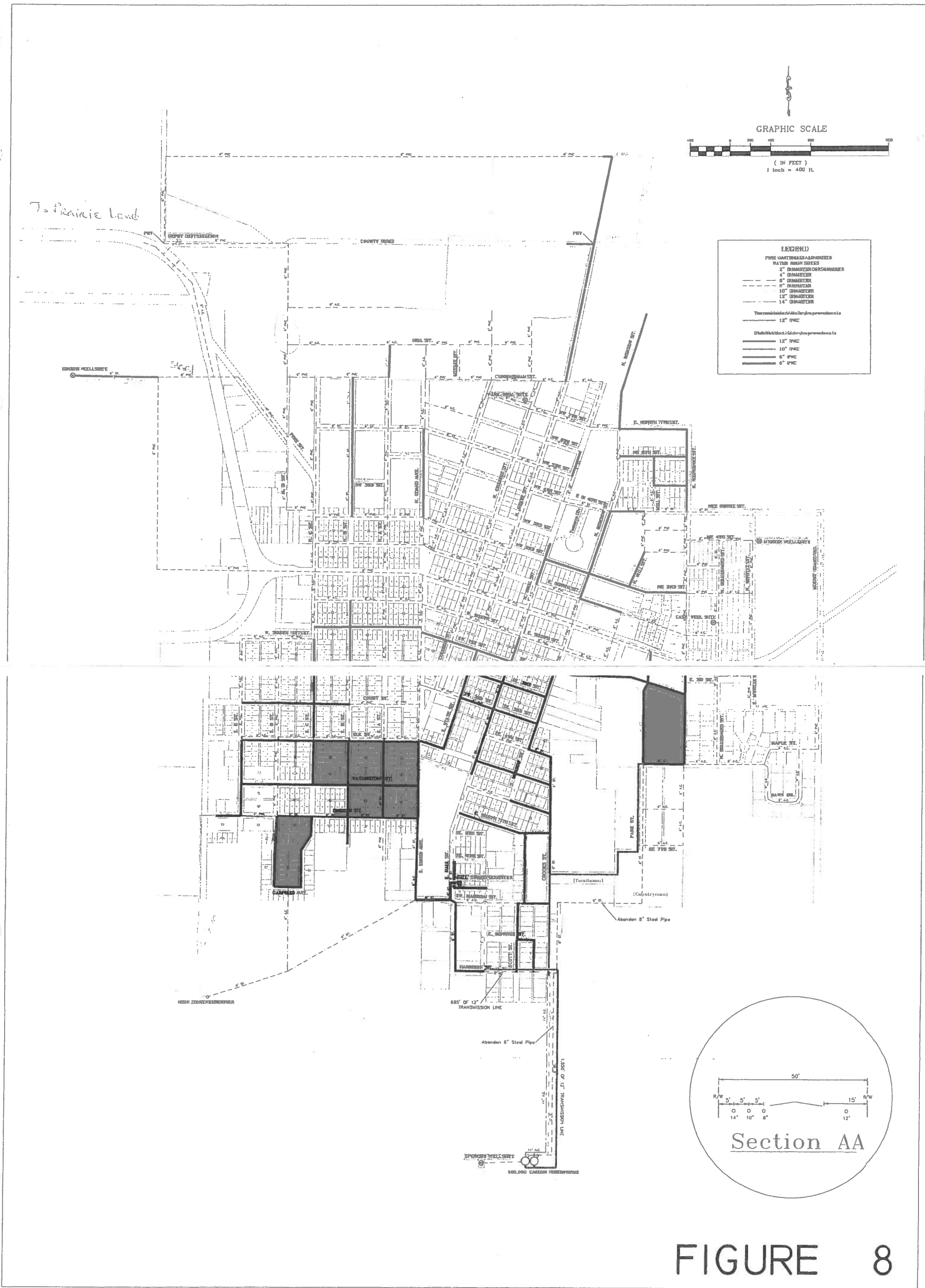


FIGURE 8