

FLOWMETER DATA

CALIBRATION DATE: 07-26-04

GPS SITE TAG# E0007492

RECORD # 200711

EXAMINER: J. Phillips

SUITABLE FOR PCC Y / N

FOLLOW-UP 07/07

owner: city of Rexburg

INSTALLED METER

STANDARD METER

METER TYPE	impeller	PIPE MATERIAL	carbon steel
MANUFACTURER	Data Industrial	OUTSIDE DIAMETER	12.02
MODEL	900T	WALL THICKNESS	0.405
SERIAL NUMBER	021360	UPSTREAM STRAIGHT (FT)	5
OUTSIDE DIAMETER	16.00	DOWNSTREAM STRAIGHT (FT)	2
WALL THICKNESS	-	METER TYPE	sonic
UPSTREAM STRAIGHT (FT)	-	RATE UNITS	gpm
DOWNSTREAM STRAIGHT (FT)	-	MEASURED FLOW	2194.3
RATE UNITS	gpm	CONFIDENCE	fair
RATE MULTIPLIER	10		
VOLUME UNITS	gallons	OTHER WELLS (IN)	
VOLUME MULTIPLIER	1000		
LOCATION	good		
INDICATED FLOW (GPM)	2150.0	OTHER METER (G)	

FLOWMETER ACCURACY CALIBRATION TABLE

OWNERS METER (TOTALIZER RD)	TIME	TOTAL GALLONS	AVE. FLOW RATE-GPM (M ₁)	STANDARD TOTAL GAL.	AVG. FLOW RATE (M ₂)	PERCENT DIFF. (+ -)	ADJUST- MENTS
7858,448,000	10 min	21500	2150.0	21943	2194.3	-2.02	
7858,469,500							

SITE VISIT COMMENTS: calibration performed on 200711. The installed flowmeter captures flow from both 200511 and 200711.

MEAS. 1 (M₁) IS THE MEASURED RATE OF FLOW FROM THE PERMANENTLY INSTALLED FLOW METER

MEAS. 2 (M₂) IS THE MEASURED RATE OF FLOW FROM THE MEASURING DEVICE BEING USED TO CHECK THE FLOW FOR THE CALIBRATION. (+ or - %5 accuracy). DESCRIBE METHOD AND EQUIPMENT USED TO PERFORM THIS MEASUREMENT

PERCENT DIFFERENCE = (M₁ - M₂) ÷ M₂ X 100 = (+ or - %) ACCEPTABLE WITHIN (+ or - 10%)

CALIBRATION MULTIPLIER = (M₂ ÷ M₁)

FLOWMETER CALIBRATION MULTIPLIER: 1.02