

CALIBRATION DATE: 9/27/01
EXAMINER: M. HOLLIDAY

FLOWMETER DATA

GPS SITE TAG# E0007492 RECORD # 200711 ✓
SUITABLE FOR PCC Y (N) FOLLOW-UP 2004

INSTALLED METER		STANDARD METER	
METER TYPE:	IMPELLER	PIPE MATERIAL	STEEL
MAUFACTURER:	DATA INDUSTRIAL	OUTSIDE DIAMETER	12.82
MODEL:	900T	WALL THICKNESS	0.396
SERIAL NUMBER:	021360	UPSTREAM STRAIGHT (FT.)	4
OUTSIDE DIAMETER:	20	DOWNSTREAM STRAIGHT (FT.)	2
WALL THICKNESS:		METER TYPE:	SONIC
UPSTREAM STRAIGHT (FT.)	30	RATE UNITS:	GPM
DOWNSTREAM STRAIGHT (FT.)	15	MEASURED FLOW:	2408
RATE UNITS:	GPM	CONFIDENCE:	FAIR
RATE MULTIPLIER:	10		
VOLUME UNITS:	GAL	OTHER WELL (S):	E0007494
VOLUME MULTIPLIER:	1000		
LOCATION:	EXCELLENT		
INDICATED FLOW (GPM)	2175	OTHER METER (S):	

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
5793263000	10 MIN	21750	2175	24083	2408.3	-9.7%	
5793284750							

SITE VISIT COMMENTS: THIS METER MEASURES FLOW INTO STORAGE TANK FROM 2 WELLS (#1 + #6). ONE MEAS PT FOR 2 WELLS, WHICH ARE ABOUT 30 FEET APART.

TERRY: REMOVE ONE POD FROM BILLING. ADD TO ALLYR MONTHLY PUMP CARD LIST.

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

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 = $(M_1 - M_2) \div M_2 \times 100 = (+ \text{ or } - \%)$ ACCEPTABLE WITHIN (+ or - 10%)

CALIBRATION MULTIPLIER = $(M_2 \div M_1)$

FLOWMETER CALIBRATION MULTIPLIER: 1.11