

25-11825

Volume Calculations

A0008760

$$210 \text{ DAYS} \times \frac{8 \text{ HR}}{\text{DAY}} \times \frac{60 \text{ MIN}}{\text{HR}} \times \frac{31 \text{ GAL}}{\text{MIN}} = 3,124,800 \text{ GAL/YR}$$

A0008761

$$210 \text{ DAYS} \times \frac{1795 \text{ GAL}}{\text{DAY}} = 376,950 \text{ GAL/YR}$$

A0007707

$$45 \text{ EMPLOYEES} \times \frac{25 \text{ GAL}}{\text{DAY}} \times 210 \text{ DAYS} = 236,250 \text{ GAL/YR}$$

$$4 \text{ EMPLOYEES} \times \frac{25 \text{ GAL}}{\text{DAY}} \times 102 \text{ DAYS} = 10,200 \text{ GAL/YR}$$

$$\underline{\underline{3,748,200 \text{ GAL/YR}}}$$

$$= 11.5 \text{ AFA}$$

9/18/2003

25-11825

#2

A0008760

P/D 060

N 292756

E 660941

N 292760 } corrected
E 660941 } location

GPS pt. taken 4 meters S of well
Installed ABB QMTR read 50 GAL in 97 sec., operating
spray nozzles for potato wash 8 hrs/day. 31 GPM

#3

A0008761 is 30' N of A0008760.

This pump fills sump once a day for potato wash.

Sump dimensions are 12' x 5' x 4'. It takes
30 minutes to fill sump.

$$240 \text{ FT}^3 \times 7.4805 = \frac{1795 \text{ GAL}}{30 \text{ MIN}} = 60 \text{ GPM}$$

"DOMESTIC"

A0007707 is 27 meters N and 10 meters E of A0008760.

This well is for culinary use only for up to
45 employees.

All 3 pumps are 2 HP.

$$Q = \frac{2(8.814)(0.70)}{10 + (2.31 \times 40)} = 0.12 \text{ CFS}$$

54 GPM

7/15/2004

145 GPM

Per interview with secretary, process
runs 8 mos/yr, 6 days/wk, 12 hrs/day.
When process is not running there are
~4 employees @ warehouse.

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From WMIS:

A0007707 TAG ON PIPE TO PRESSURE TANK

P/D N 292822.90

3/4 HP PUMP

E 660867.50

"DOMESTIC"

A0008760

WELL IN SOUTH END OF BLDG

P/D N 292754.20

TAG NR QMTR

E 660941.10

"WELL 2"

A0008761

"WELL 3"

TAG NR QMTR

GINGER ROUNDS INDICATED THAT THIS WELL WAS

30 FT NORTH OF A0008760.

GARY MILLER 754-4700 (c) 589-2688

BLAIR WALKER (c) 589-3276

9/18/03 up to 45 employees

talked to Blair & Gary re: EOP