

57852

INFO: GEORGE GORDON

SOURCE: SOAP CR. & GORDON RES #2

DIV. PT.: WATER IS PUMPED FROM RES, ABOUT 600 FT  
DOWNSTREAM FROM DAM.

PUMP: WISCONSIN 22HP GAS MOTOR  
CDD PUMP 3'x3'

$$Q_{\text{pump}} = \frac{(6.6)(22)}{127 \times 8} = 1.06 \text{ cfs} \checkmark$$

50 PSI

PIPE: 3530 FT OF 5" AL MAINLINE  
4040 FT OF 3" AL LATERAL

SPRINKLERS: 60 RB 30'S 1 1/4" X 0 (50 MAX)

$$\frac{(50)(6.0)}{450} = \frac{300}{450} = 0.67 \text{ cfs} \checkmark$$

50 PSI

LIFT: +8 FT

USE: IRRIGATION OF SUGAR BEETS

TIE: 41053-178-25R

Peter R. P. 9/6/84

$$Q_{Ac} = \frac{42.4}{80}$$

0.53 cfs

Allow