

PROJECT Rewire SCADA Controls(radio)

ROANOKE COUNTY UTILITY DEP'

1206 KESSLER MILL ROAD

SALEM, VIRGINIA 24153

DATE 5-28-06(2006)

PREL. FINAL ☒ SHEET NO.

CAL. BY CKD. BY Jack Emory

at DELRAY PUMP STATION

T# 2280202

4828 Delray St., NW
Roanoke, Va.

TYPE RTU8

As Built

CONTENTS

120V
INPUT CARD #1

- 0 RTU POWER FAIL
- 1 RTU INT.
- 2 STATION INT.
- 3 GENSET RUN
- 4 P1 ON/OFF
- 5 P1 HAND
- 6 P1 AUTO
- 7 P2 ON/OFF
- 8 P2 HAND
- 9 P2 AUTO
- 10 P3 ON/OFF
- 11 P3 HAND
- 12 P3 AUTO
- 13 P1 FAIL
- 14 P2 FAIL
- 15 P3 FAIL

120V
INPUT CARD #2

- 0 VALVE OPEN/CLOSED
- 1
- 2
- 3
- 4 STATION LOW TEMP
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15 REMOTE

120V
OUTPUT RELAY CARDS

- 0 P1 START
- 1 P2 START
- 2 P3 START
- 3 VALVE OPEN/CLOSE

ANALOG

INPUT CARD

- 0 DISCHARGE 0-150 PSI
- 1 12" FLOW 0-700 GPM
- 2 16" FLOW 0-10,000 GPM
- 3 SUCTION 0-30 PSI

ANALOG

OUTPUT CARD

- 0 EUGENE TANK LEVEL 0-100 FT.
- 1 WASH HGT TANK LEVEL 0-34.6 FT.
- 2 ROUND HILL TANK LEVEL 0-10 FT.
- 3

WVWA ID# 6QQG3J