

PHASE 1 SCHEDULE DIAGRAM (WASTEWATER SYSTEM)

TASK DESCRIPTION

MAR98 APR98 MAY98 JUN98 JUL98 AUG98 SEP98 OCT98 NOV98 DEC98

COMMENTS

1. ANALOG TIE-IN EXISTING

- PLANS & SPECS
- PROCURE MATERIALS
- INSTALL
- MMI DESIGN/PROGRAMMING
- PLC PROGRAMMING
- DOCUMENTATION

INDEPENDENT TASK
 ALL HARDWARE EXISTS IN-PLACE
 COMPLETE AND MAKE FUNCTIONAL AT EARLIEST
 INCORPORATE INTO OPERATIONS BY 3RD QUARTER

2. ANALOG INSTALL NEW DEVICES

- PLANS & SPECS
- PROCURE MATERIALS
- INSTALL
- MMI DESIGN/PROGRAMMING
- PLC PROGRAMMING
- DOCUMENTATION

TASK COMPLETES SYSTEM MONITORING NEEDS

3. MECHANICAL PROJECTS

- PLANS & SPECS
- PROCURE MATERIALS
- INSTALL
- MMI DESIGN/PROGRAMMING
- PLC PROGRAMMING
- DOCUMENTATION

PIPING, VALVES AND ACTUATORS

4. SYSTEM CABINETS

- PLANS & SPECS
- PROCURE MATERIALS
- INSTALL
- COMMISSION
- DOCUMENTATION

CRITICAL PATH TASK
 CABINET DELIVERY TO BE EXPEDITED

5. IMPLEMENT PLC CONTROL

- MMI DESIGN/PROGRAMMING
- PLC PROGRAMMING
- DOCUMENTATION
- PROVE-IN AND TRAINING

6. FACELIFT CONTROL ROOM

- PLANS & SPECS
- PROCURE MATERIALS
- INSTALL
- DOCUMENTATION
- NETWORK COMMUNICATIONS

CONTROL ROOM OPTIONS TO BE LISTED

ONLINE PC DOCUMENTATION FOR OPERATIONS
 MERGE WITH SITE-WIDE NETWORK PROGRESS

WCA water control associates, inc. <small>323 New Road - Parsippany, NJ 07054</small> <small>www.uswca.com tel. (973) 808-0520 fax: 8788 mail@uswca.com</small>			
WATER AND WASTEWATER SYSTEMS CONTROL AND AUTOMATION MASTER PLAN			
by:	approval:		
WASTEWATER SYSTEM DIAGRAM IMPLEMENTATION PLANNING OVERVIEW			
project number:	1064	drawing number:	100-A rev. no. A