

CONTRACT TASK ORDER NO. 0096
DEVELOP AN IMPLEMENTATION PLAN FOR CONSTRUCTION OF A PUMP
AND TREAT SYSTEM AT THE GM-38 OFFSITE AREA
NWIRP, BETHPAGE, NY

NTR: Lora Fly
Project Manager: Stavros Patselas

WORK ACCOMPLISHED DURING THE PERIOD OF JANUARY 24 THRU
FEBRUARY 20, 2009:

- Building subcontractors began to construct office / control room with block wall, steel studs, and sheet rock. Extended potable water line beyond parking area limits and stop (see **Problems and Solutions**). Receive wet wells for stormwater.
- Received 95% of instrumentation for treatment system along with PLC cabinet.
- Electrical subcontractor received and set transformer pad, installed primary cable and telephone conduit. Energized temporary power inside building. Received and set MCC into control room.
- Mechanical subcontractor continued process trench excavation and installation of HDPE pipe from building to RW-2 and from building to RW-1/IW-1.
- Received documents requested in RFI to Grumman / Arcadis. Continue evaluation of Arcadis off-site groundwater investigation data as part of Grumman's community park investigation. TtEC continue set-up of GM-38 groundwater modeling to determine screened interval of RW-3 (see **Problems and Solutions**).
- Provided submittal to TOB – DPW to connect into manhole to convey treated effluent into county recharge basin. Permission to discharge basin was granted by county but the manhole is owned by TOB.
- Received and began review of H2M letter regarding South Farmingdale Water District Plant No. 1 treatment system costs for construction and 30 year O&M.

WORK PLANNED DURING THE PERIOD OF FEBRUARY 21 THRU MARCH 27,
2009:

- Complete installation building accessories such as trim, louvers, dampeners, flashing at roof / wall openings, and other.
- Establish parking area subgrade and install base layer of gravel. Install stormwater pipe and wet wells.

- Electrical subcontractor continues installation of electrical materials in process system trench, office / control room electric, and plant interior electric.
- Mechanical completes backfill and compaction of Route 135 trench and anchoring of treatment system equipment. Continue interior process piping.
- Continue assessment of impacts to RW-3 and system.

TASKS REMAINING:

- Complete Phase 2 Full Construction of the Groundwater Remedial system.
- Start-up, testing, and shakedown of the treatment plant.
- Perform six months operation and maintenance of the treatment system.

PROBLEMS AND SOLUTIONS:

- The drilling phase continues to be delayed due to the Navy's and Grumman's agreement to determine the impact to GM-38 system including RW-3. It was determined that Arcadis existing subcontract with TtEC will be terminated and TtEC will proceed to complete remaining Arcadis tasks. Submitted RFI to Grumman / Arcadis for data necessary to determine RW-3 and system impact. Begin to receive data on February 18, 2009.
- Navy real estate was working on easement for potable water connection on BWD property at Sophia St. BWD requested cooperative effort with Navy to potable water tie-in on N. Herman Ave., a residential street. Costs accrued to date for easement preparation and difference in construction costs to be submitted to BWD for review. BWD indicated that they would do the work within N. Herman Ave.

SCHEDULE:

- See attached

WASTE MATERIALS REPORT:

- Approximately 100 tons of asphalt / concrete mix to be transported for disposal to 110 Sand in Melville, NY.

Early Start	Early Finish	% Comp	2003												2004												2005												2006												2007												2008												2009												2010																																																											
Phase 1 Groundwater Remediation																																																																																																																																																		
12SEP03A	12SEP03A	100	NAVY APPROVAL TO BEGIN PREP OF COST ESTIMATE																																																																																																																																															
23SEP03A	23SEP03A	100	COST ESTIMATE PROVIDED TO NAVY FOR REVIEW																																																																																																																																															
25SEP03A	25SEP03A	100	NOTIFIED FROM NAVY FUNDS NOT AVAILABLE FY2003																																																																																																																																															
19FEB04A	19FEB04A	100	DATE OF MODIFICATION AWARD																																																																																																																																															
23FEB04A	19MAR04A	100	<input type="checkbox"/> COMPLETE DOCUMENT REVIEW (TASK 1)																																																																																																																																															
22MAR04A	21MAY04A	100	<input type="checkbox"/> SBMT DRAFT WORKPLAN(LETTER REPORT)/ SHSP TO NAVY																																																																																																																																															
03MAY04A	28JAN05A	100	<input type="checkbox"/> BASIS DSGN TSK2/PREP OF DRFT RMDL DSGN PLN TK3																																																																																																																																															
24MAY04A	03SEP04A	100	<input type="checkbox"/> REG REVIEW OF DRAFT WORKPLAN (LTR RPT)/SHSP																																																																																																																																															
07SEP04A	28SEP04A	100	<input type="checkbox"/> REV'S DRAFT WRKPLN LTR RPT/HASP BAS'D REG COM'TS																																																																																																																																															
18OCT04A	24NOV04A	100	<input type="checkbox"/> SBMT FNL WKPLN(LTR RPT) TO NAVY/ REGULATORS																																																																																																																																															
17NOV04A	19NOV04A	100	<input type="checkbox"/> OPT. TSK2 MOB/ SETUP DECON PAD																																																																																																																																															
22NOV04A	28DEC04A	100	<input type="checkbox"/> OPT. TSK2 DRILL, CONST & DEVELOP 3 MW'S AT RW-2																																																																																																																																															
22NOV04A	13MAY05A	100	<input type="checkbox"/> OPT. TSK2 SOLID HANDLING AND SAMPLING																																																																																																																																															
20DEC04A	31DEC04A	100	<input type="checkbox"/> OPTIONAL TASK 1 GEOTECHNICAL																																																																																																																																															
03JAN05A	07JAN05A	100	<input type="checkbox"/> OPT. TSK2 DRILL, CONST 1 MW ON S. HERMAN ST																																																																																																																																															
10JAN05A	28JAN05A	100	<input type="checkbox"/> OPT. TSK2 DRILL & CONST & RW-2																																																																																																																																															
31JAN05A	08FEB05A	100	<input type="checkbox"/> SUBMIT DRAFT REMEDIAL DESIGN PLAN TO NAVY																																																																																																																																															
07FEB05A	24FEB05A	100	<input type="checkbox"/> OPT. TSK2 DRILL & CONST IW-1																																																																																																																																															

Start Date 30SEP03
 Finish Date 31DEC09
 Data Date 20FEB09
 Run Date 24FEB09 16:28

Early Bar
 Target Bar
 Progress Bar
 Critical Activity





C96P

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BETHPAGE, NEW YORK
GM-38 PUMP AND TREAT SYSTEM

Early Start	Early Finish	% Comp	2003												2004												2005												2006												2007												2008												2009												2010											
14JUL08A	29AUG08A	100																																																	(MUA) CONST CONCRETE BLD FOUND'N/AIR STRPER WALL																																															
31JUL08A	31JUL08A	100																																																	WHM CONTRACT AWARD																																															
11AUG08A	17OCT08A	100																																																	(WHM MOBILIZATION & SUBMITTALS																																															
22AUG08A	27AUG08A	100																																																	(WHM) TEMPORARY FENCE																																															
25AUG08A	29AUG08A	100																																																	(WHM) CLEARING & DEGRUBING																																															
01SEP08A	17OCT08A	100																																																	(MUA) BACKFILL & COMPACT TO BLDING SUBGRADE																																															
03SEP08A	19SEP08A	100																																																	(MUA) CONSTRUCT PIERS (FORMS & STEEL)																																															
04SEP08A	09SEP08A	100																																																	(MUA) EXCAVATE BLDING SUMP & PIERS																																															
08SEP08A	24APR09	72																																																	(WHM) EXCAV/INSTALLATION OF HDPE PIPING/TESTING																																															
08SEP08A	12SEP08A	100																																																	(MUA) COMPLETE BLDING SUMP WALLS																																															
12SEP08A	12SEP08A	100																																																	(MUA) COMPLETE BUILDING FLOOR SUMP																																															
03OCT08A	03OCT08A	100																																																	(MUA) COMPLETE BUILDING GRADE BEAM																																															
20OCT08A	21NOV08A	100																																																	(MUA) MAIN FLOORS COMPLETE																																															
17NOV08A	24APR09	51																																																	INSTALL EXTERIOR WATER																																															
17NOV08A	05DEC08A	100																																																	INSTALL AIR STRIPPER, CARBON EQUIP																																															
17NOV08A	26DEC08A	100																																																	INSTALL EXTERIOR SEWER																																															
17NOV08A	05DEC08A	100																																																	(WHM) REC/SETTING/ASSEMBLING TREATMENT EQUIP																																															
20NOV08A	05DEC08A	100																																																	(MUA) CONTROL ROOM FLOOR & EQUIP PADS COMPLETE																																															

Start Date 30SEP03
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 Early Bar
 Target Bar
 Progress Bar
 Critical Activity

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