

**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 JULY 26 THRU AUGUST 22, 2008:**

- Attend RAB meeting on July 30, 2008 and provide update on GM-38 construction.
- Building subcontractor maintained the E&S controls for access road and building earthwork. Installed forms, set steel, and poured concrete for air stripper sump bottom and walls. Begin backfill and compaction around the air stripper sump. Received submittal from building manufacturer, Ceco. Forward color chart for building exterior to Town of Oyster Bay to select. Untimely submittal of steel fabrication drawings caused delay to order to steel which resulted in schedule delay.
- Electrical subcontractor mobilized trailer, installed electrical panels for temporary service to trailers, prepared for installation of temporary service poles, and prepared technical submittals required.
- Mechanical subcontractor mobilized trailer, installed temporary site security fence around the perimeter of project area, clear/grub along Route 135 right of way, and prepared technical submittals required.
- Maintained communication with Nassau County DPW regarding request to discharge into NC Basin #495. Received draft letter on August 12, 2008 that grants permission based on certain conditions such as an annual fee and scarification of the basin bottom near the outlet. Await final letter as formal approval prior to responding. Discharge into the basin will then be primary and eliminate the need to install three (3) additional injection wells.
- Received water availability response letter dated August 11, 2008 from H2M on behalf of Bethpage Water District. A 6" size potable water line is required based on the highest period of water use which is during liquid phase carbon change-outs. The preferred connection location on BWD property is acceptable but will require an easement. BWD is to design the connection and install at a cost to the project.
- Communicated with Navy regarding budget update letter on June 6, 2008 followed by basis of estimate with proposal on June 17, 2008. Received contract medication for scope growth. Provided additional information as requested.

- Maintained communication with Navy real estate and MTA – Real Estate Department toward real estate agreement for Long Island Railroad property. Entry permit is to be issued by mid-September 2008.
- Conducted weekly progress meetings with Navy ROICC every Wednesday at 1:30 p.m. Navy's Chris Shukis, NYSDEC's Steve Scharf, and TtEC PM attend the August August 13 meeting.
- Meet with third party consultant, Arcadis, to review existing budget and upcoming scope of work.
- Complete review of six proposals and pricing for PLC and instrumentation. Proceed to issue award to the vendor that best displayed technical understanding of the RFP at best value.
- Issue award to Product Recovery Management for all pumps.
- Coordinate with vendors on the delivery of treatment equipment in September.

**WORK PLANNED DURING THE PERIOD OF AUGUST 23 THRU SEPT 26, 2008:**

- Building subcontractor constructs building sump, piers, and grade beam. Building submittal to be revised and resubmitted for review based on structural engineer comments.
- Electrical subcontractor is to install the temporary electric for trailers, forwards technical submittals for review, and begin installation of required conduits in process system trench.
- Mechanical subcontractor will install E&S controls for process pipe trenches, address any review comments on technical submittals and begin trench excavation and installation of process piping.
- Proceed to issue purchase order to Advantech Corporation to provide PLC and instrumentation.
- Continue procurement process for drilling. Receive and evaluate quotations followed by negotiating and issuing purchase orders and subcontracts.
- Continue to coordinate with vendors on the delivery of treatment equipment.

- Continue communications with Nassau County – Department of Health (sodium hydroxide drum and treatment vessels) and Fire Marshal (fire alarm and automatic sprinkler).
- Continue communications with Nassau County Department of Public Works requesting permission to discharge into county recharge basin #495 on the western side of Broadway Ave.
- Navy technical direction to complete changes to design drawings impacted by TOB/BWD compromises, third party consultant comments (flowrate balance and control with air stripper), elimination of the Sophia St access road, and transmission line location.
- Continue oversight of any activities to be performed by third party consultant, Arcadis.
- TtEC representatives to attend weekly progress meetings w/ Navy ROICC and others every Wednesday at 1:30 p.m.
- Continue periodic updates to TOB and NYSDEC.
- Continue updates to Navy on budget and schedule.
- Continue project management of existing subcontracts and purchase orders.

**TASKS REMAINING:**

- Continue to complete and issue RFPs for bid to eventually issue subcontracts and purchase orders.
- 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.

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																																																																																																																																															
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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 22AUG08  
 Run Date 27AUG08 12:08

Early Bar  
 Target Bar  
 Progress Bar  
 Critical Activity

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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											
Phase 2 Groundwater Remediation																																																																																																		
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16MAY05A	26AUG05A	100	■ PROJ PLNS SHSP/QCP/ TRAFFIC /WMP/E&S																																																																																															
29AUG05A	14OCT05A	100	■ NAVY REVIEW																																																																																															
17OCT05A	28OCT05A	100	□ RESPOND TO NAVY COMMENTS																																																																																															
31OCT05A	11NOV05A	100	□ SUBMIT PROJECT PLANS TO REGULTOR																																																																																															
14NOV05A	18JAN06A	100	■ NYSDEC, RAB/TAC/ &PUBLIC REVIEW PERIOD																																																																																															
19JAN06A	23MAR06A	100	■ RESPOND TO COMMENTS AND FINALIZE																																																																																															
24MAR06A	08MAY06A	100	■ FINALIZE AND SUBMIT DESIGN																																																																																															
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17OCT06A	17OCT06A	100	TOWN BOARD MEETING (INITIAL ACCESS APPROVAL)																																																																																															
18DEC07A	18DEC07A	100	TOWN BOARD APPROVES REAL ESTATE																																																																																															
30JAN08A	30JAN08A	100	NAVY'S AUTHORIZATION TO PROCEED																																																																																															
16APR08A	16APR08A	100	RAB Meeting																																																																																															
29MAY08A	29MAY08A	100	PRE-CONSTRCTION MEETING																																																																																															
02JUN08A	06JUN08A	100	□ AIR STRIPPER RECON																																																																																															
23JUN08A	03JUL08A	100	■ TOWN SITEWORK ( ACCESS RD AND E&S CONTROLS) □																																																																																															
07JUL08A	11JUL08A	100	□ BLDG.EXCAVATION																																																																																															
14JUL08A	24OCT08	39	■ EXT. MECH. & ELEC ON TOWN /NYDOT ONLY																																																																																															

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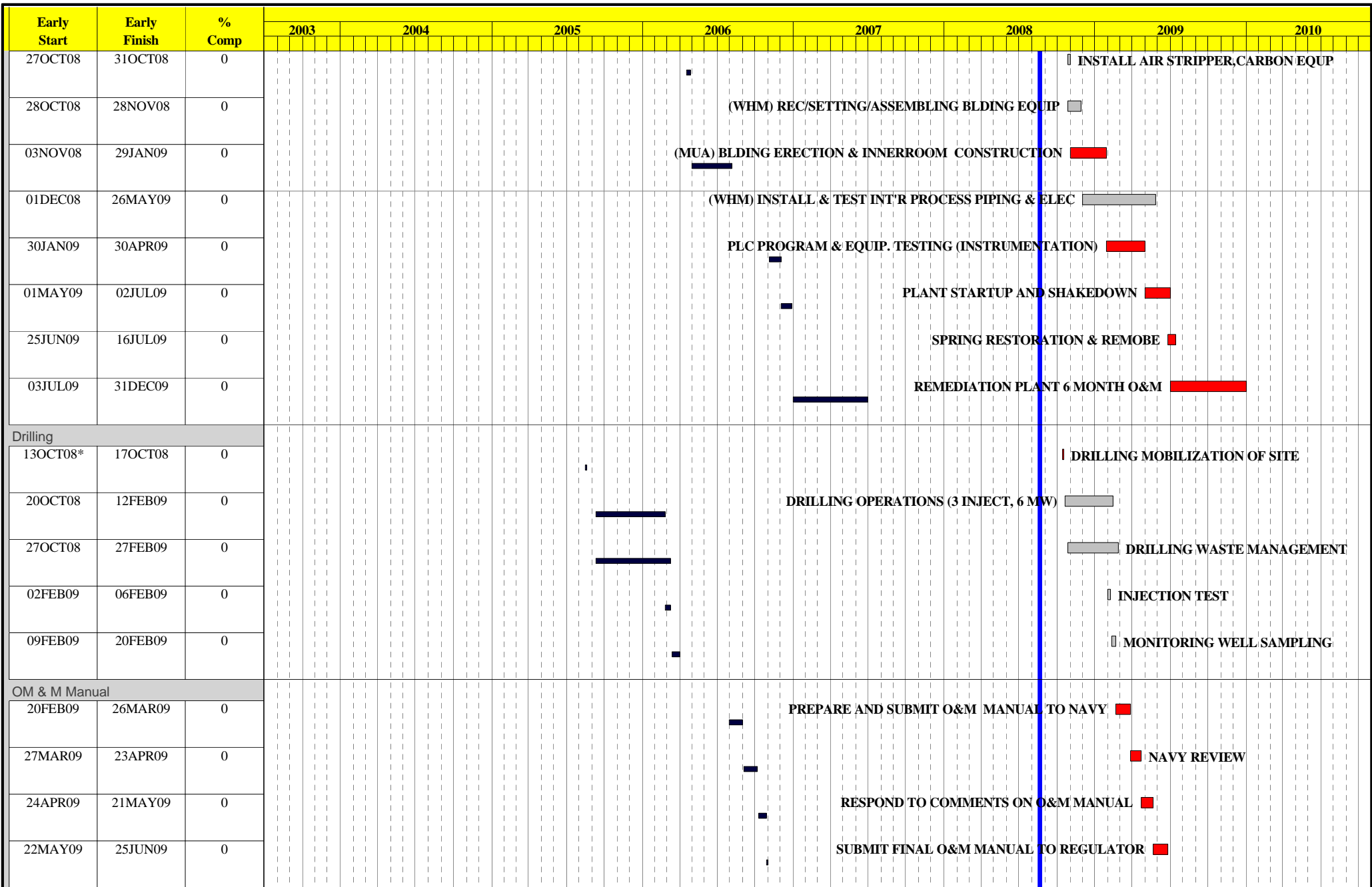
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31JUL08A	31JUL08A	100																																																																									(WHM) CONTRACT AWARD																																																																							
11AUG08A	19SEP08	28																																																																									(WHM) MOBILIZATION & SUBMITTALS																																																																							
22AUG08A	27AUG08	0																																																																									(WHM) TEMPORARY FENCE																																																																							
25AUG08	27AUG08	0																																																																									(MUA) BACKFILL & COMPACT TO BLDING SUBGRADE																																																																							
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28AUG08	02SEP08	0																																																																									(MUA) EXCAVATE BLDING SUMP & PIERS																																																																							
29AUG08	11SEP08	0																																																																									SET EQUIPMENT WITHIN BUILDING																																																																							
03SEP08	19SEP08	0																																																																									(MUA) CONSTRUCT PIERS (FORMS & STEEL)																																																																							
05SEP08	05SEP08	0																																																																									(MUA) COMPLETE BUIDING FLOOR SUMP																																																																							
08SEP08	17NOV08	0																																																																									(WHM) EXCAV/INSTALLATION OF HDPE PIPING/TESTING																																																																							
08SEP08	12SEP08	0																																																																									(MUA) COMPLETE BLDING SUMP WALLS																																																																							
22SEP08	10OCT08	0																																																																									INSTALL EXTERIOR WATER & SEWER																																																																							
30SEP08	30SEP08	0																																																																									(MUA) COMPLETE BUILDING GRADE BEAM																																																																							
06OCT08	10OCT08	0																																																																									LIRR WORK AREA																																																																							
13OCT08	13OCT08	0																																																																									(MUA) MAIN FLOORS COMPLETE																																																																							
20OCT08	20OCT08	0																																																																									(MUA) CONTROL ROOM FLOOR & EQUIP PADS COMPLETE																																																																							
27OCT08	27OCT08	0																																																																									(MUA) FLOOR SEALANT COMPLETE																																																																							

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08.29.2008

