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NSTC GREAT LAKES
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MEETING MINUTES 6 JULY 2011 NSTC GREAT LAKES IL
7/6/2011
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NAVAL STATION GREAT LAKES MEETING MINUTES
July 6, 2011
Naval Station Great Lakes, Illinois



Attendees: Tetra Tech NAVFAC Midwest NAVFAC Atlantic Illinois EPA
 Robert Davis Howard Hickey David Barclift Brian Conrath
 Bob Smith Terese Van Donsel Dawn Hayes
 Benjamin Simes Thomas Spriggs
 Jennifer Wright

Meeting Topic – Remedial Design for Pettibone Creek North Branch Remediation and Restoration

1. A general overview of the project was provided along with the common theme that there are several other issues along Pettibone Creek that need to be addressed along with the sediment issue in the ERN program. The Integrated Natural Resources Management Plan (INRMP) indicates that work will be completed in the Pettibone Creek ravine however there has been limited money (OMN money) awarded for this work – limited to cutting down trees along Pettibone Creek.

Tetra Tech submitted the Remedial Action Plan Section 6 and associated figures and appendices on June 15, 2011. This submittal included the hydrology and hydraulics modeling of Pettibone Creek along with stream stabilization and sediment collection features. Some general comments were received – more details are needed such as how many rootwads, how many A-jacks, etc. and a better definition of where these would be implemented. Based on the general comments Tetra Tech is stationing Pettibone Creek and compiling tables for these details. The purpose of this conference call is to gather additional comments and buy in on approach being proposed.

2. There is concern with the stormwater outfall structures and broken pipe (specifically from the Visitor Center parking lot) and the lack of energy dissipation before the stormwater discharges into Pettibone Creek. It was agreed that if this is not addressed the remediation of the erosion of Pettibone may be affected. Naval Station Great Lakes has tried to develop a scope to inventory the outfall structures and make recommendations on what to do to stabilize the pipes and outfall area including energy dissipation. The pipe from the Visitor Center parking lot could be enhanced with a rock channel with concrete at minimal cost. Funding for the stormwater outfall structures is not an ERN item but minor fixes can be made if it affects the ERN project. Also the OMN money cannot be used for the stormwater discharges.
3. It was suggested that the stilling basin at the upper end of Pettibone Creek be designed to be cleaned out ever 10 to 15 years. What are the dimensions and the baffle wall should be moved

ACTION/DECISION ITEM – Tetra Tech will design the size of the stilling basin for a 10 to 15 year clean out interval.

4. It was suggested to reuse concrete where possible and also use ERTEC vertical tube systems (the web site www.ertecsystems.com was e-mailed to everyone). The ERTEC system is relatively cheap. A request for additional information on the root wads, A-jacks, LUNKERS (explain the stringer and fiberdam), and J-hook vanes be provided – information such as examples, where used, longevity, availability, etc. Additional detail is needed for the engineered side channel wetlands such as cross sections and plant species. There are erosion concerns with how the water will get into and out of the wetland also. NAVFAC LANT will provide assistance with the plant species for the wetlands



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ACTION/DECISION ITEM – Tetra Tech will provide more information on the root wads, A-jacks, LUNKERS, and J-hook vanes. Tetra Tech will coordinate a call with NAVFAC LANT (Jen Wright), Tetra Tech, and Naval Station Great Lakes (Bob Vanbendegom) to discuss the plant species for the wetlands.

5. Status of the dredging – The funding was available but was pulled for other projects. There is a thought to skip a year and get enough money the following year to complete the dredging through one contract instead of it being split between two. The dredging funding may not get awarded this year and this could affect the design and construction of the bottom weir under the bridge where Pettibone Creek discharges into the Boat Basin
6. Based on the status of the dredging the question was asked about a possible change in the strategy of the work with Pettibone Creek and the Boat Basin. Also was there an opportunity for an award with year end funding. It was felt that this is a temporary situation and the year end funding would not be enough to award the dredging project or the Pettibone Creek project.
7. Who would be doing the remedial action along Pettibone Creek – possibly the RAC or the EMAC (not awarded yet). The project could not be awarded now if it were ready to go.
8. Is a constructability and implementability review of the design needed for this project – it could be done at NAVFAC LANT or NAVFAC Midwest.
9. The draft final design will be completed and submitted August 1st. It will also be submitted to Illinois DNR through Illinois EPA. A conference call similar to this one will be scheduled for August 4th at 11:00 Eastern/10:00 Central

ACTION/DECISION ITEM – Tetra Tech to submit the draft final and set up a call in number for the August 4th conference call.

ACTION ITEMS BY GROUP

Tetra Tech

Action Item	Completed
Design stilling basin for 10 to 15 year clean out	
Provide information on root wads, A-jacks, LUNKERS, J-hook vanes	√
Coordinate a call with NAVFAC LANT and NAVFAC Midwest related to plant species	√
Submit draft final	
Set up Conference Call August 4th	

NAVFAC LANT

Action Item	Completed
NAVFAC LANT (Jen) – call with Tetra Tech and NAVFAC Midwest (Bob V) on plant species	√