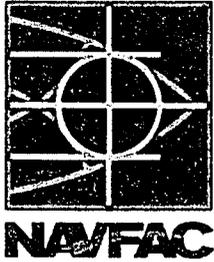


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MEETING MINUTES 13 JULY 2011 NS GREAT LAKES IL
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NAVAL STATION GREAT LAKES MEETING MINUTES
July 13, 2011
 Naval Station Great Lakes, Illinois



Attendees: Tetra Tech
 Robert Davis
 Robert Smith

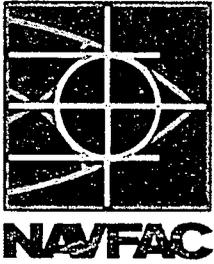
NAVSTA Great Lakes
 Robert Vanbendegom

NAVFAC Atlantic
 Jennifer Wright

Meeting Topic – Pettibone Creek North Branch Remediation and Restoration (Particularly plant species identification; existing and proposed to be used in the rehabilitation of the creek)

1. Miscellaneous Items Discussed: A new Base Commander will be coming in a couple of weeks; therefore, it is unclear if the existing Base Commander will be signing the Integrated Natural Resources Management Plan (INRMP). The steam line removal project is ongoing and the Environmental Assessment is being handled by Sara Longtin (NAVFAC Atlantic). The method of pipeline removal is not known at this point; particularly the associated concrete pedestals and the issue of whether they would be removed to grade or left in place. Jen will verify if the plan is to leave the concrete footings in place. Pettibone Creek ravine slope stability and storm water outfall issues were mentioned with regard to their negative impacts on the creek itself. Bob Vanbendegom mentioned that there is a history of solvent releases from the upstream industrial site (EMCO) Jen wondered if any monitored or permitted discharge points exist upstream of Navy property.. The team discussed that it is highly undesirable for the stream to be impacted by significant erosion or further upstream releases of contamination after completing any Pettibone Creek restoration.
2. Plant Species Topics: Additional studies were mentioned as potential sources of information relating to selecting appropriate plant species particularly related to the engineered side wetlands. Two of these studies were the Highland Park and Waukegan River projects. Jennifer expressed the Navy's desire to design and install measures which will be self sufficient and require little monitoring post remedial action (not more than 2 years of monitoring unless, for example, excessive invasive species are prevalent and interfere with the goal of the restoration effort). The question of whether monitoring should be conducted by the Base or by specialized departments remains open and is based largely on future funding considerations. The warranty length of time that purchased plants and vegetation used for remedial purposes was discussed. A one year warranty from the nursery has been common in the past though a two or even three warranty has been requested at Naval Station Great Lakes through base contracts (as per Bob V.). Planting can occur in either the fall or spring depending on vegetation type, ordering lead time, and purpose (Bob V prefers spring, Jen prefers fall). Bob V mentioned that there is extensive tree canopy coverage within the ravine currently but there may be a reduction to this over the next 5-10 years. The design should include species that are adaptable to variable conditions. Jen mentioned that the list of plant species should be kept simple to avoid confusion when planting the different species (proper placing of plants).

ACTION/DECISION ITEM – Jen will get a list of preferable plant species native to the area that may be utilized in the Pettibone Creek design by Friday, July 15, 2011 to Bob V. Bob Davis had indicated that receiving this early the following week list would work as well.



NAVAL STATION GREAT LAKES MEETING MINUTES
July 13, 2011
Naval Station Great Lakes, Illinois



ACTION ITEMS BY GROUP

Tetra Tech

Action Item	Completed
Tetra Tech will provide relevant documents to the Navy pertaining to stream restoration projects.	√
Tetra Tech will continue to work on the Draft Final design report for Pettibone Creek with an August 1, 2011 submittal date and August 4, 2011 conference call date	

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Action Item	Completed
Jen to provide additional information of plant species specifics. She will consult with Bob V and have Bob V review before sending the list to Tetra Tech.	√