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NSTC GREAT LAKES  
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LETTER REGARDING FINAL SITE RECOMMENDATIONS SITE PRIORITIZATIONS AND  
COST ANALYSIS FOR NTC LAKEFRONT AND TRAP SKEET AND ARCHERY RANGES NS  
GREAT LAKES IL  
8/16/2007  
MALCOME PIRNIE

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August 16, 2007

Mr. Howard Hickey  
Remedial Project Manager  
NAVFAC Midwest  
201 Decatur Avenue  
Building 1A  
Great Lakes, IL 60088

Re: Draft Final Site Recommendations, Site Prioritizations, and Cost Analysis  
Naval Station Great Lakes, Great Lakes, Illinois  
Contract No. N62472-02-D-1300

Dear Mr. Hickey:

Malcolm Pirnie, Inc. is pleased to provide Recommendations, Site Prioritizations, and Cost Estimates for the following Munitions Response Program (MRP) sites at Naval Station Great Lakes:

- Naval Training Center (NTC) Lakefront
- Trap, Skeet, and Archery (TSA) Ranges

The site recommendations, site prioritizations, and cost analyses were prepared using data presented in the August 2007 Draft Final Preliminary Assessment (PA) Report for Naval Facilities Engineering Command, Atlantic by Malcolm Pirnie, Inc.

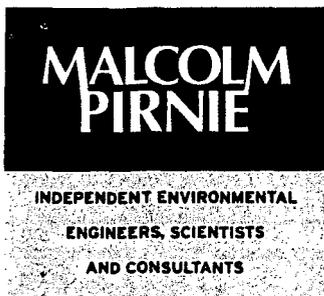
Recommendations for the study areas are provided as Enclosure 1. The recommendations are based upon the data presented in the Draft Final PA following Comprehensive Environmental Response, Compensation, and Liability Act and MRP guidance where applicable.

The site prioritization analyses for the sites are provided as Enclosure 2. The site prioritization analyses are based upon the latest version of the MRP site prioritization protocol published in the Federal Register (October 5, 2005).

The cost-to-complete analyses for the sites are provided as Enclosure 3. The cost-to-complete analyses were created using the most recent Remedial Action Cost Engineering and Requirements System (RACER) cost model (Version 9.1.0, 2007) following the site recommendations presented in this report.

**Site Recommendations - NTC Lakefront:**

A Site Inspection (SI) is recommended for MEC at the water portion of the NTC Lakefront site to further investigate the potential presence of MEC in lake sediments. The SI would include a MEC removal assessment with diver support and the use of towed geophysical equipment for MEC avoidance. An SI is recommended for both the land and water portions of the NTC



Lakefront site to further investigate the potential presence of MC. For the land portion of the site, the SI would include surface soil samples to be analyzed for metals and ordnance residuals. For the water portion of the site, the SI would include surface sediment samples to be analyzed for the same suite of contaminants.

**Site Recommendations – TSA Ranges:**

No Further Action (NFA) is recommended for MEC at the TSA Ranges site. MEC is not anticipated at small arms ranges. An SI is recommended for both the land and water portions of the TSA Ranges site to further investigate the potential presence of MC. For the land portion of the site, the SI would include surface soil samples to be analyzed for metals and polycyclic aromatic hydrocarbons (PAHs). For the water portion of the site, the SI would include surface sediment samples to be analyzed for the same suite of contaminants.

The site recommendations, site prioritizations, and cost-to-complete analyses are summarized in Table 1 below.

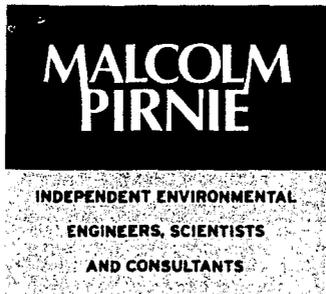
**Table 1: Installation Summary**  
 (Prioritization, Recommendations, and Costs)

	<b>NTC Lakefront</b>	<b>TSA Ranges</b>
Prioritization Score of 2: highest priority Score of 8: lowest priority	<b>4</b>	<b>8</b>
Recommendations (MEC/MC) NFA = No Further Action SI = Site Inspection RI = Remedial Investigation FS = Feasibility Study RA = Removal Action ER = Emergency Response	<b><u>MEC: SI</u></b>  <b><u>MC: SI</u></b>	<b><u>MEC: NFA</u></b>  <b><u>MC: SI</u></b>
RACER Cost Analysis <sup>1</sup> MEC	<b>\$1,369,197</b>	<b>–</b>
RACER Cost Analysis <sup>1</sup> MC	<b>\$113,811</b>	<b>\$118,871</b>
<b>RACER TOTAL</b>	<b>\$1,483,008</b>	<b>\$118,871</b>

<sup>1</sup> RACER cost analysis assumed the costs to take the sites through the SI phase.

**Total Naval Station Great Lakes Cost-to-Complete: \$1,601,879** (approximately \$1,600,000)

Thank you for the opportunity to work with you on this project. We look forward to continuing our relationship with the Naval Facilities Engineering Command, Midwest. Please contact me at (914) 641-2414 if you have any questions or comments.



Mr. Howard Hickey  
Remedial Project Manager  
NAVFAC Midwest  
August 16, 2007  
Page 3 of 3

Very truly yours,

MALCOLM PIRNIE, INC.

A handwritten signature in black ink, appearing to read "Terri L. Akbas", is written over the typed name.

Terri L. Akbas, QEP  
Team Leader

cc: Malcolm Pirnie, Inc. – Mr. Bob Kerbel, Ms. Cheryl Kennedy, Ms. Carolyn Zeiner

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