DEPARTMENT OF THE ARMY
HEADQUARTERS, U.S. ARMY GARRISON FORT MONMOUTH
FORT MONMOUTH, NEW JERSEY 07703-5101

REPLY TO
ATTENTION OF

Directorate of Public Works

November 16, 2004

ATTN: Mr. Greg Zalaskus
State of New Jersey
Department of Environmental Protection
Division of Responsible Party Site Remediation
Bureau of Case Management
401 East State Street, 5th Fl., West Wing
PO Box 028
Trenton, New Jersey 08625-0028

RE: **REDUCTION OF GROUNDWATER SAMPLING ANALYSES (Part II) – MAIN POST&CHARLES WOODS**
Restoration Sites throughout Fort Monmouth, New Jersey

Dear Mr. Zalaskus:

As discussed during our telephone conversation on November 9, 2004 and in my recent correspondence dated November 10, 2004, this letter summarizes groundwater sampling revisions at an additional five active restoration sites on Fort Monmouth property. The Directorate of Public Works (DPW) and TECOM-Vinnell Services (TVS) personnel currently conduct quarterly groundwater monitoring at each of these sites.

The DPW will submit Remedial Investigation Reports (RIRs), prepared by VERSAR, Inc., requesting no further action (NFA) at three sites including Landfill M-4 (FTMM-04), Landfill M-14 (FTMM-14), and Site CW-6 (FTMM-28). One RIR/Remedial Action Work Plan (RAWP) for Site 1122 (FTMM-59) recommending natural attenuation and one RIR/RAWP for Site 283 (FTMM-61) recommending Oxygen Release Compound (ORC) injection and natural attenuation are also pending submittal.

As indicated in my previous correspondence, initial groundwater sampling at each site consisted of a comprehensive analytical program including volatile organic compounds (VOCs); semi-volatile organic compounds (SVOCs); pesticides/polychlorinated biphenyls (PCBs); and TAL metals. Analytical results were then examined to establish potential contaminants of concern (COCs). Each site report presents the identified potential COCs based on the comparison of groundwater analytical results to the higher of the Practical Quantitation Limits (PQLs) and the NJDEP Groundwater Quality Criteria (GWQC) for Class II-A aquifers (NJAC 7:9-6, Table 1). Further evaluation of the potential COCs was then performed to assess contaminant occurrence/magnitude, transport (modeling), and risk to receptors, the environment and human health to determine if remedial action was warranted.

Based on report conclusions, Fort Monmouth DPW proposes the following revisions to the current groundwater sampling program at these sites to maintain a compliant and cost effective program. As discussed, proposed changes will be implemented immediately unless otherwise directed by the NJDEP.

The following table summarizes the revised sampling program at these sites:

No Further Action Requests - Submittal Pending

Site	Was Analyzed:	Revised Analysis:	Potential Contaminants of Concern
Landfill M-4 (FTMM-04)	Quarterly for VOCs, SVOCs, pesticides/PCBs, Metals	Quarterly for TAL Metals.	Non-Native Metals
Landfill M-14 (FTMM-14)	Quarterly for VOCs, SVOCs, pesticides/PCBs, Metals	Quarterly for VOCs and TAL Metals.	Tert-butyl-alcohol and Non-Native Metals
Site CW-6 (FTMM-28)	Quarterly for VOCs, SVOCs, pesticides/PCBs, Metals	Quarterly for TAL Metals.	Lead
Natural Attenuation Request - Submittal Pending			
Site 1122 (FTMM-59)	Quarterly for VOCs, SVOCs, pesticides/PCBs, Metals	Quarterly for VOCs.	Methyl tert-butyl ether and Tetrachloroethene
ORC Injection/Natural Attenuation Request - Submittal Pending			
Site 283 (FTMM-61)	Quarterly for VOCs, SVOCs, pesticides/PCBs, Metals	Quarterly for VOCs and TAL Metals.	Benzene, ethylbenzene, total xylenes and Lead

Groundwater sampling and monitoring will continue at these sites as indicated above, in accordance with NJDEP *Technical Requirements for Site Remediation* (July 1999), NJAC 7:26E, et seq. and *Fort Monmouth Standard Sampling Operating Procedure* (1997), pending NJDEP receipt and review of the discussed site documents.

If you should have any questions or comments, please contact me at (732) 532-0986.

Sincerely,

Douglas C. Guenther
Environmental Protection Specialist
Directorate of Public Works

cc: John Prendergast - NJDEP
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