being vented, preventing subsurface lateral migration. Ambient air monitoring results downwind and upwind are comparable, indicating landfill gas is not impacting the surrounding area which support the conclusion that the remedy remains protective.

The evaluations conducted by ECC show that landfill gas emissions continue to remain below the regulatory criteria that would indicate a need for continued sampling and analysis, and that an active gas collection system is not required. Therefore, it was recommended in the report that the frequency of gas emissions screening for methane be reduced to an annual event and that the event be conducted during the peak methane generation period in the summer. Further, the report recommended that sampling and laboratory analysis of landfill gases including NMOCs be reduced to once every 5 years.

However, the RIDEM Office of Waste Management, Solid Waste Regulation No. 2 (Solid Waste Landfills), post-closure requirements for landfills state that the minimum frequency for methane gas monitoring is quarterly (only monitoring for methane gas is required). Therefore, the current quarterly frequency of gas screening should be continued throughout the post-closure period. There does not appear to be a regulatory requirement for sampling and analysis landfill gases and perimeter ambient air for NMOCs, and consideration should be given to discontinue this effort. The 2004 five year review stated that if the monitoring data remained below applicable standards, then a decrease in the frequency of monitoring could be considered.

A generalized summary of landfill gas data is provided in Appendix F-2 of this five-year review report.

2.4.2.3 Sediment, Porewater and Biota

Sediment, porewater and biota monitoring was initiated in 2004 in accordance with the Management of Migration ROD (OU4). Sediment and porewater contaminant concentrations are compared to remediation goals (RGs) established in the ROD. At MSGs 1 and 4, collection of monitoring data was planned for years 1, 2, and 5. Based on the findings of those three events, a recommendation would be made regarding the need to continue monitoring. The non-dredged areas would be monitored annually for years 1-5, and then every five years, based on the monitoring results. The decision tree for evaluating monitoring data is provided as Figures 3-2 and 3-3 of the LTM Work Plan (TtNUS, 2005d). This decision tree provides for comparison of data to baseline PRGs as an indicator of possible concern, and also for comparison to the RG as an indication that the remedy may not be protective.

Summaries of the annual monitoring results have been presented in annual reports for each of the five years (2004 through 2008). The most recent summary of the sediment, porewater and biota monitoring is presented in the Draft Marine Sediments Monitoring Report - Sampling Round 5 - October 2008 (ECC,

2009b), which also includes comparisons of data from previous years. In accordance with the long term monitoring program, sediment and porewater data from each monitoring station group would be compared to the RGs to determine if the ROD is protective: if net Indicator COC (ICOC) concentrations (concentrations above reference concentrations) exceed the RG for any monitoring station group as shown on Figure 2-2, then the goals of the ROD would have to be re-evaluated (TtNUS, 2005d). In addition, data would be evaluated after five rounds to determine if there is sufficient data to establish a predictive trend (either increasing concentrations or decreasing concentrations). Trend analysis was also conducted by ECC in the fifth year annual report, which provided the following conclusions (ECC, 2009b):

- Trend analysis for the sediment concentrations shows a decreasing trend for PAHs and a slightly increasing trend for PCBs in MSGs 1 and 3, though the PCB concentrations are well below the baseline PRGs at these areas. The analysis shows a decreasing trend for all ICOC concentrations in MSG 2 and an increasing trend at MSGs 4 and 5 for all ICOCs.

- The trend analysis indicates that porewater metals concentrations do not show an increasing trend at MSGs 2, 3, 4 and 5. In MSG 1, a possible increasing trend is indicated for nickel, although measured concentrations are below the baseline PRG, and well below the RG.

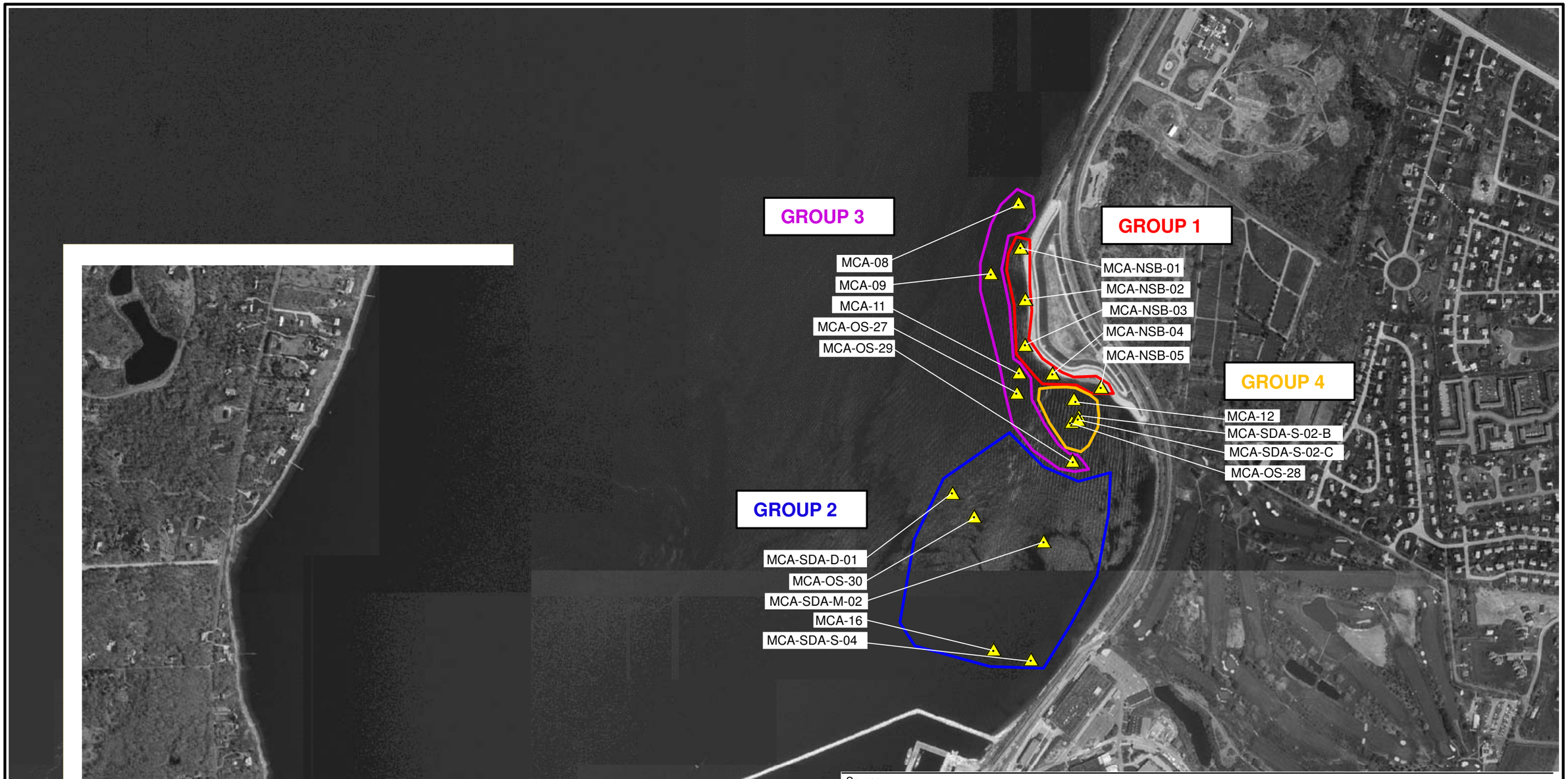
Toxicity and contaminant concentrations in biota were also monitored as part of the OU4 long term monitoring program. These data are considered secondary, since there are no remediation goals for sediment toxicity, porewater toxicity, or biota tissue. However, secondary data were intended to be used to assist in determining whether the ROD was protective and whether to continue monitoring if ICOCs indicate acceptable conditions (Figures 3-2 and 3-3 of the LTM Work Plan, TtNUS, 2005d).

The fifth year (2008) annual report (ECOR, 2009) included evaluations of sediment and porewater toxicity as well as biota tissue sample results. The report found that toxicity from the porewater was acceptable and/or decreasing at all MSGs. The sediment toxicity data showed a decreasing toxicity trend, with the exception of round 5, conducted in 2008; overall, the sediment toxicity test results "indicate an overall acceptable condition of the sediment pertaining to toxicity of the sediments to benthic invertebrates." Regarding biota tissue analysis, the report determined that metals and PCB congeners in sediments and metals in porewater were not impacting site biota. PAH concentrations in biota were found to be less than the project action limits.

Overall, trend analysis shows possible increasing PCB concentrations at MSGs 1, 3, and 4 in sediment, and an increase in PAH concentrations at MSGs 4 and 5 in sediment. The analysis also shows a possible increase in nickel concentrations at MSG 1. Because of the increases at MSG 5 (reference stations), the increase in PAHs is likely a regional condition. In addition, all ICOC concentrations

APPENDIX F-3

McALLISTER LANDFILL – SEDIMENT DATA SUMMARY



Source:
1997 aerial photograph, Rhode Island Department of Administration, Division of Planning

250 125 0 250 500 750 1,000 Feet

N W E S

SEDIMENT MONITORING STATION GROUPS	FIGURE 2-2
FIVE-YEAR REVIEW REPORT	Tetra Tech NUS, Inc.
NAVSTA NEWPORT - NEWPORT, RHODE ISLAND	
DRAWN BY: D. MACDOUGALL	DATE: APRIL 20, 2009
CHECKED BY: S. PARKER	FILE: \..\5YrRev_SedMonStatGrps.mxd

TABLE F7-3A
ANALYTICAL RESULTS - POREWATER
MCALLISTER POINT LANDFILL, NAVAL STATION NEWPORT, PORTSMOUTH, RHODE ISLAND

SAMPLE ID		MCA-SD-08-01-PW	MCA-PW-08-02	MCA-PW-08-03	MCA-PW-08-05	MCA-SD-09-01-PW	MCA-PW-09-02	MCA-PW-09-03	MCA-PW-09-04	MCA-PW-09-05	MCA-SD-11-01-PW	MCA-SD-11-01-PW-D
LOCATION ID		MCA-08	MCA-08	MCA-08	MCA-08	MCA-09	MCA-09	MCA-09	MCA-09	MCA-09	MCA-11	MCA-11
SAMPLE DATE		12/21/04	11/07/05	10/23/06	10/14/08	12/21/04	11/07/05	10/23/06	10/12/07	10/14/08	12/21/04	12/21/04
TOP DEPTH												
BOTTOM DEPTH												
SACODE		NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	ORIG	DUP
QC TYPE	BASELINE PRG	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	FD
METALS (UG/L)												
COPPER	17.6	0.739 U	3.2 J	5.1 J	1 U	2.21 U	10.5 J	2 U	1.2 U	2 U	3.17 U	0.739 U
NICKEL	11.1	5.55 U	5.1 J	1.5 U	3.4 U	5.55 U	2040	1.5 U	2 U	5.7 J	5.55 U	5.55 U

BLACK SHADING-EXCEEDS BASELINE PRG; GRAY SHADING-DETECTED;
U-NOT DETECTED; J-QUANTITATION APPROXIMATE; R-REJECTED; NA-NOT ANALYZED

TABLE F7-3A
ANALYTICAL RESULTS - POREWATER
MCALLISTER POINT LANDFILL, NAVAL STATION NEWPORT, PORTSMOUTH, RHODE ISLAND

SAMPLE ID		MCA-SD-08-01-PW	MCA-PW-11-02	MCA-PW-11-03	MCA-PW-11-04	MCA-SD-12-01-PW	MCA-PW-12-05	MCA-16-01-121304 PW	MCA-PW-16-03	MCA-PW-16-04	MCA-PW-16-05	MCA-JCC-02-01-121304-PW
LOCATION ID		MCA-08	MCA-11	MCA-11	MCA-11	MCA-12	MCA-12	MCA-16	MCA-16	MCA-16	MCA-16	MCA-JCC-02
SAMPLE DATE		12/21/04	11/07/05	10/23/06	10/12/07	12/22/04	10/14/08	12/13/04	10/23/06	10/12/07	10/13/08	12/13/04
TOP DEPTH												
BOTTOM DEPTH												
SACODE		NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
QC TYPE	BASELINE PRG	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
METALS (UG/L)												
COPPER	17.6	0.739 U	23.5 J	5.6 J	0.5 U	0.739 U	1.9 U	11 UJ	2 UJ	0.5 U	2.4 U	23 J
NICKEL	11.1	5.55 U	28.7 J	1.6 J	3 U	5.55 U	0.81 U	5.55 U	2.1 J	3.3 U	6.1 U	5.55 U

BLACK SHADING-EXCEEDS BASELINE PRG; GRAY SHADING-DETECTED;
U-NOT DETECTED; J-QUANTITATION APPROXIMATE; R-REJECTED; NA-NOT ANALYZED

TABLE F7-3A
ANALYTICAL RESULTS - POREWATER
MCALLISTER POINT LANDFILL, NAVAL STATION NEWPORT, PORTSMOUTH, RHODE ISLAND

SAMPLE ID		MCA-SD-08-01-PW	MCA-PW-JCC-02-03	MCA-PW-JCC-02-04	MCA-PW-JCC-02-05	MCA-JCC-03-01-121404-PW	MCA-PW-JCC-M-03-02	MCA-PW-JCC-03-03	MCA-PW-JCC-03-04	MCA-PW-JCC-03-05	MCA-SD-JCC-04-01-PW	MCA-PW-JCC-04-02
LOCATION ID		MCA-08	MCA-JCC-02	MCA-JCC-02	MCA-JCC-02	MCA-JCC-03	MCA-JCC-03	MCA-JCC-03	MCA-JCC-03	MCA-JCC-03	MCA-JCC-04	MCA-JCC-04
SAMPLE DATE		12/21/04	10/23/06	10/12/07	10/14/08	12/14/04	11/07/05	10/23/06	10/12/07	10/14/08	12/15/04	11/07/05
TOP DEPTH												
BOTTOM DEPTH												
SACODE		NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
QC TYPE	BASELINE PRG	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
METALS (UG/L)												
COPPER	17.6	0.739 U	4.6 J	1.8 U	2.9 U	6.97 UJ	8 J	9.6 J	0.5 U	1.1 U	9.07 UJ	4.4 J
NICKEL	11.1	5.55 U	5.9 J	4.3 J	4.7 U	5.55 U	6.7 J	2.4 J	5.3 J	7.5 U	4.5 J^	5.2 J

TABLE F7-3A
ANALYTICAL RESULTS - POREWATER
MCALLISTER POINT LANDFILL, NAVAL STATION NEWPORT, PORTSMOUTH, RHODE ISLAND

SAMPLE ID		MCA-SD-08-01-PW	MCA-PW-JCC-04-03	MCA-PW-JCC-04-04	MCA-PW-JCC-04-05	MCA-JCC-M-01-01-121304-PW	MCA-PW-JCC-M-01-02	MCA-PW-JCC-M-01-03	MCA-PW-JCC-M-01-04	MCA-PW-JCC-M-01-05	MCA-JCC-S-01-01-121304-PW	MCA-PW-JCC-S-01-03
LOCATION ID		MCA-08	MCA-JCC-04	MCA-JCC-04	MCA-JCC-04	MCA-JCC-M-01	MCA-JCC-M-01	MCA-JCC-M-01	MCA-JCC-M-01	MCA-JCC-M-01	MCA-JCC-S-01	MCA-JCC-S-01
SAMPLE DATE		12/21/04	10/23/06	10/12/07	10/14/08	12/13/04	11/07/05	10/23/06	10/12/07	10/14/08	12/13/04	10/23/06
TOP DEPTH												
BOTTOM DEPTH												
SACODE		NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
QC TYPE	BASELINE PRG	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
METALS (UG/L)												
COPPER	17.6	0.739 U	2.8 J	0.5 U	0.88 U	7.02 UJ	4.1 J	3.6 J	0.5 U	0.86 U	8.6 UJ	6.6 J
NICKEL	11.1	5.55 U	1.5 U	2.9 U	8.6 U	5.55 U	4.1 J	2.3 J	2.7 U	4.8 U	5.55 U	1.5 U

BLACK SHADING-EXCEEDS BASELINE PRG; GRAY SHADING-DETECTED;
U-NOT DETECTED; J-QUANTITATION APPROXIMATE; R-REJECTED; NA-NOT ANALYZED

TABLE F7-3A
ANALYTICAL RESULTS - POREWATER
MCALLISTER POINT LANDFILL, NAVAL STATION NEWPORT, PORTSMOUTH, RHODE ISLAND

SAMPLE ID		MCA-SD-08-01-PW	MCA-PW-JCC-S-01-04	MCA-PW-JCC-S-01-05	MCA-SD-NSB-01-01-PW	MCA-PW-NSB-01-05	MCA-NSB-01-PW	MCA-SD-NSB-02-01-PW	MCA-PW-NSB-02-05	MCA-NSB-02-PW	MCA-SD-NSB-03-01-PW	MCA-PW-NSB-03-05
LOCATION ID		MCA-08	MCA-JCC-S-01	MCA-JCC-S-01	MCA-NSB-01	MCA-NSB-01	MCA-NSB-01	MCA-NSB-02	MCA-NSB-02	MCA-NSB-02	MCA-NSB-03	MCA-NSB-03
SAMPLE DATE		12/21/04	10/12/07	10/14/08	12/22/04	10/14/08	UNKNOWN	12/15/04	10/14/08	UNKNOWN	12/22/04	10/14/08
TOP DEPTH												
BOTTOM DEPTH												
SACODE		NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
QC TYPE	BASELINE PRG	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
METALS (UG/L)												
COPPER	17.6	0.739 U	5.4 U	2 U	128 J	6.3 J	10.2	27.7 J	2.6 U	53.2	0.739 U	2.9 U
NICKEL	11.1	5.55 U	3 U	5.8 U	8.96 J	9.6 J	23.4	3.1 J	3.1 J	26.6	5.55 U	5.2 J

TABLE F7-3A
ANALYTICAL RESULTS - POREWATER
MCALLISTER POINT LANDFILL, NAVAL STATION NEWPORT, PORTSMOUTH, RHODE ISLAND

SAMPLE ID		MCA-SD-08-01-PW	MCA-NSB-03-PW	MCA-NSB-04-01-121304-PW	MCA-NSB-04-01-121304-PW-D	MCA-PW-NSB-04-05	MCA-NSB-04-PW	MCA-NSB-05-01-121304-PW	MCA-PW-NSB-05-05	MCA-NSB-05-PW	MCA-NSB-06-PW	MCA-NSB-07-PW
LOCATION ID		MCA-08	MCA-NSB-03	MCA-NSB-04	MCA-NSB-04	MCA-NSB-04	MCA-NSB-04	MCA-NSB-05	MCA-NSB-05	MCA-NSB-05	MCA-NSB-06	MCA-NSB-07
SAMPLE DATE		12/21/04	UNKNOWN	12/13/04	12/13/04	10/14/08	UNKNOWN	12/13/04	10/14/08	UNKNOWN	UNKNOWN	UNKNOWN
TOP DEPTH												
BOTTOM DEPTH												
SACODE		NORMAL	NORMAL	ORIG	DUP	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
QC TYPE	BASELINE PRG	NM	NM	NM	FD	NM	NM	NM	NM	NM	NM	NM
METALS (UG/L)												
COPPER	17.6	0.739 U	5.8	32.6 J	96.7 J	28.5	4.8	52.1 J	5.4 J	27.2	5.4	28.4
NICKEL	11.1	5.55 U	26.6	5.89 J	14.2 J	7.4 J	34.2	15.2 J	4.6 J	48.8	8	20.2

BLACK SHADING-EXCEEDS BASELINE PRG; GRAY SHADING-DETECTED;
U-NOT DETECTED; J-QUANTITATION APPROXIMATE; R-REJECTED; NA-NOT ANALYZED

TABLE F7-3A
ANALYTICAL RESULTS - POREWATER
MCALLISTER POINT LANDFILL, NAVAL STATION NEWPORT, PORTSMOUTH, RHODE ISLAND

SAMPLE ID		MCA-SD-08-01-PW	MCA-SD-OS27-01-PW	MCA-PW-OS-27-02	MCA-PW-OS-27-04	MCA-PW-OS-27-05	MCA-PW-OS-27-03	MCA-SD-OS28-01-PW	MCA-PW-OS-28-02	MCA-PW-OS-28-05	MCA-SD-OS29-01-PW	MCA-PW-OS-29-02
LOCATION ID		MCA-08	MCA-OS-27	MCA-OS-27	MCA-OS-27	MCA-OS-27	MCA-OS-27	MCA-OS-28	MCA-OS-28	MCA-OS-28	MCA-OS-29	MCA-OS-29
SAMPLE DATE		12/21/04	12/21/04	11/07/05	10/12/07	10/13/08	10/23/26	12/22/04	11/07/05	10/14/08	12/22/04	11/07/05
TOP DEPTH												
BOTTOM DEPTH												
SACODE		NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
QC TYPE	BASELINE PRG	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
METALS (UG/L)												
COPPER	17.6	0.739 U	0.739 U	3.1 J	0.5 U	1.3 U	2.8 J	0.739 U	9 J	0.7 U	0.739 U	6.2 J
NICKEL	11.1	5.55 U	5.55 U	1170	3.4 U	7.3 U	1.5 U	5.55 U	1330	1.6 U	5.55 U	5.5 J

BLACK SHADING-EXCEEDS BASELINE PRG; GRAY SHADING-DETECTED;
U-NOT DETECTED; J-QUANTITATION APPROXIMATE; R-REJECTED; NA-NOT ANALYZED

TABLE F7-3A
ANALYTICAL RESULTS - POREWATER
MCALLISTER POINT LANDFILL, NAVAL STATION NEWPORT, PORTSMOUTH, RHODE ISLAND

SAMPLE ID		MCA-SD-08-01-PW	MCA-PW-OS-29-03	MCA-PW-OS-29-04	MCA-PW-OS-29-05	MCA-SD-OS-30-01-PW	MCA-PW-OS-30-03	MCA-PW-OS-30-04	MCA-PW-OS-30-05	MCA-SD-SDA-D-01-01-PW	MCA-PW-SDA-D-01-02	MCA-PW-SDA-D-01-03
LOCATION ID		MCA-08	MCA-OS-29	MCA-OS-29	MCA-OS-29	MCA-OS-30	MCA-OS-30	MCA-OS-30	MCA-OS-30	MCA-SDA-D-01	MCA-SDA-D-01	MCA-SDA-D-01
SAMPLE DATE		12/21/04	10/23/06	10/12/07	10/13/08	12/16/04	10/23/06	10/12/07	10/13/08	12/16/04	11/07/05	10/23/06
TOP DEPTH												
BOTTOM DEPTH												
SACODE		NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
QC TYPE	BASELINE PRG	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
METALS (UG/L)												
COPPER	17.6	0.739 U	2 U	0.5 U	3.2 U	4.19 UJ	2 UJ	0.5 U	3.3 U	3.3 UJ	2.7 J	2 U
NICKEL	11.1	5.55 U	1.5 U	3 UJ	7.3 U	7.3 J^	1.5 U	1.7 U	10.2 U	5.6 J^	4.2 J	1.5 U

BLACK SHADING-EXCEEDS BASELINE PRG; GRAY SHADING-DETECTED;
U-NOT DETECTED; J-QUANTITATION APPROXIMATE; R-REJECTED; NA-NOT ANALYZED

TABLE F7-3A
ANALYTICAL RESULTS - POREWATER
MCALLISTER POINT LANDFILL, NAVAL STATION NEWPORT, PORTSMOUTH, RHODE ISLAND

SAMPLE ID		MCA-SD-08-01-PW	MCA-PW-SDA-D-01-04	MCA-PW-SDA-D-01-05	MCA-SDA-M-02-01-121304-PW	MCA-PW-SDA-M-02-03	MCA-PW-SDA-M-02-04	MCA-PW-SDA-M-02-05	MCA-PW-SDA-S-02-B-02	MCA-SD-SDA-S02B/C-01-PW	MCA-PW-SDA-02-B-05	MCA-PW-SDA-02-C-02
LOCATION ID		MCA-08	MCA-SDA-D-01	MCA-SDA-D-01	MCA-SDA-M-02	MCA-SDA-M-02	MCA-SDA-M-02	MCA-SDA-M-02	MCA-SDA-S-02	MCA-SDA-S-02-B/C	MCA-SDA-S-02-B/C	MCA-SDA-S-02-C
SAMPLE DATE		12/21/04	10/12/07	10/13/08	12/13/04	10/23/06	10/12/07	10/13/08	11/07/05	12/22/04	10/14/08	11/07/05
TOP DEPTH												
BOTTOM DEPTH												
SACODE		NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
QC TYPE	BASELINE PRG	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
METALS (UG/L)												
COPPER	17.6	0.739 U	1 U	0.7 U	6.67 UJ	2 U	0.84 U	1.2 U	3.9 J	0.739 U	2.2 U	3.4 J
NICKEL	11.1	5.55 U	3.1 J	0.46 U	5.55 U	1.5 U	4.1 J	3.8 J	1670	5.55 U	4.5 J	870

BLACK SHADING-EXCEEDS BASELINE PRG; GRAY SHADING-DETECTED;
U-NOT DETECTED; J-QUANTITATION APPROXIMATE; R-REJECTED; NA-NOT ANALYZED

TABLE F7-3A
ANALYTICAL RESULTS - POREWATER
MCALLISTER POINT LANDFILL, NAVAL STATION NEWPORT, PORTSMOUTH, RHODE ISLAND

SAMPLE ID		MCA-SD-08-01-PW	MCA-PW-SDA-S-02-C-05	MCA-SDA-S-04-01-121404-PW	MCA-PW-S-04-03	MCA-PW-S-04-04	MCA-PW-SDA-04-05	MCA-PW-11-DUP-02	MCA-PW-OS-27-DUP-02	MCA-DUP05-03	MCA-DUP06-03	MCA-PW-DUP03-04
LOCATION ID		MCA-08	MCA-SDA-S-02-C	MCA-SDA-S-04	MCA-SDA-S-04	MCA-SDA-S-04	MCA-SDA-S-04	UNDEFINED_MCA	UNDEFINED_MCA	UNDEFINED_MCA	UNDEFINED_MCA	UNDEFINED_MCA
SAMPLE DATE		12/21/04	10/14/08	12/14/04	10/23/06	10/12/07	10/13/08	11/07/05	11/07/05	10/23/06	10/23/06	10/12/07
TOP DEPTH												
BOTTOM DEPTH												
SACODE		NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	DUP	DUP	DUP	DUP	DUP
QC TYPE	BASELINE PRG	NM	NM	NM	NM	NM	NM	FD	FD	FD	FD	FD
METALS (UG/L)												
COPPER	17.6	0.739 U	1.1 U	9.49 UJ	2 U	0.5 U	0.7 U	9.6 J	4.3 J	2.5 J	8 J	0.5 U
NICKEL	11.1	5.55 U	1.2 U	5.56 J	4.8 J	3.1 U	0.46 U	4.7 J	1240	1.6 J	1.5 U	3.4 UJ

BLACK SHADING-EXCEEDS BASELINE PRG; GRAY SHADING-DETECTED;
U-NOT DETECTED; J-QUANTITATION APPROXIMATE; R-REJECTED; NA-NOT ANALYZED

TABLE F7-3A
ANALYTICAL RESULTS - POREWATER
MCALLISTER POINT LANDFILL, NAVAL STATION NEWPORT, PORTSMOUTH, RHODE ISLAND

SAMPLE ID		MCA-SD-08-01-PW	MCA-PW-DUP04-04	MCA-PW-DUP01-05	MCA-PW-DUP02-05	MCA-PW-DUP03-05
LOCATION ID		MCA-08	UNDEFINED_MCA	UNDEFINED_MCA	UNDEFINED_MCA	UNDEFINED_MCA
SAMPLE DATE		12/21/04	10/12/07	10/13/08	10/13/08	10/14/08
TOP DEPTH						
BOTTOM DEPTH						
SACODE		NORMAL	DUP	DUP	DUP	DUP
QC TYPE	BASELINE PRG	NM	FD	FD	FD	FD
METALS (UG/L)						
COPPER	17.6	0.739 U	1 U	2.4 U	1.1 U	9.1 J
NICKEL	11.1	5.55 U	4.2 J	4.8 U	2.2 U	4.8 J

TABLE F7-3B
ANALYTICAL RESULTS - SEDIMENT
MCALLISTER POINT LANDFILL, NAVAL STATION NEWPORT, PORTSMOUTH, RHODE ISLAND

SAMPLE ID		MCA-SD-08-01	MCA-SD-08-02	MCA-SD-08-03	MCA-SD-08-05	MCA-SD-09-01	MCA-SD-09-02	MCA-SD-09-03	MCA-SD-09-04	MCA-SD-09-05	MCA-SD-11-01	MCA-SD-11-02	MCA-SD-11-03	MCA-SD-11-04	MCA-SD-11-05	MCA-SD-12-01	MCA-SD-12-02	MCA-SD-12-05	MCA-16-01-121304
LOCATION ID		MCA-08	MCA-08	MCA-08	MCA-08	MCA-09	MCA-09	MCA-09	MCA-09	MCA-09	MCA-11	MCA-11	MCA-11	MCA-11	MCA-11	MCA-12	MCA-12	MCA-12	MCA-16
SAMPLE DATE		12/21/04	10/31/05	10/17/06	10/08/08	12/21/04	10/31/05	10/17/06	10/10/07	10/09/08	12/21/04	11/07/05	10/17/06	10/10/07	10/08/08	12/22/04	10/19/05	10/08/08	12/13/04
TOP DEPTH		0 FT				0 FT					0 FT					0 FT			0 FT
BOTTOM DEPTH		0.5 FT				0.5 FT					0.5 FT					0.5 FT			0.5 FT
SACODE		NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	ORIG	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
QC TYPE	BASELINE PRG	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
SEMIVOLATILES (UG/KG)																			
ANTHRACENE	171	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FLUORENE	67.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PYRENE	997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)																			
ANTHRACENE	171	1.7 U	0.033	15 J	37 J	1.8 U	0.000041	40 J	55 J	24 J	300	4.9 J	100	310 J	120 J	6.3	31.5 U	2.9 U	15
FLUORENE	67.7	2.3	3.1 U	6.9 J	17	1.8 U	0.0013 J	19 J	25 J	10	61	7.2 J	45	150 J	66	2.4	18.9 U	2.9 U	7.5
PYRENE	997	1.7 U	1.8	130 J	190 J	8.8	0.0019	260 J	440 J	150 J	150	7.4 J	450	1200 J	820 J	28	155 J	12	41
POLYCYCLIC AROMATIC HYDROCARBONS (MG/KG)																			
ANTHRACENE	0.171	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FLUORENE	0.0677	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PYRENE	0.997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PESTICIDES/PCBS (UG/KG)																			
SUM OF PCB CONGENERS X 2	1211	NA	63.68	104.21272	121.74188	NA	55.64	122.89842	116.3622	69.9662	NA	43.02	60.83878	69.29988	315.95724	NA	NA	12.619372	NA
PCB CONGENERS (UG/KG)																			
SUM OF PCB CONGENERS X 2	1211	8.9136	NA	NA	NA	7.4636	NA	NA	NA	NA	42.8	NA	NA	NA	NA	3.95228	NA	NA	243.574

BLACK SHADING-EXCEEDS BASELINE PRG; GRAY SHADING-DETECTED;
U-NOT DETECTED; J-QUANTITATION APPROXIMATE; R-REJECTED; NA-NOT ANALYZED

TABLE F7-3B
ANALYTICAL RESULTS - SEDIMENT
MCALLISTER POINT LANDFILL, NAVAL STATION NEWPORT, PORTSMOUTH, RHODE ISLAND

SAMPLE ID		MCA-SD-16-02	MCA-SD-16-03	MCA-SD-16-04	MCA-SD-16-05	MCA-JCC-02-01-121304	MCA-SD-JCC-02-02	MCA-SD-JCC-02-03	MCA-SD-JCC-02-04	MCA-SD-JCC-02-05	MCA-JCC-03-01-121404	MCA-SD-JCC-M-03-02	MCA-SD-JCC-03-03	MCA-SD-JCC-03-04	MCA-SD-JCC-03-05	MCA-SD-JCC-04-01	MCA-SD-JCC-04-02	MCA-SD-JCC-04-03	MCA-SD-JCC-04-04
LOCATION ID		MCA-16	MCA-16	MCA-16	MCA-16	MCA-JCC-02	MCA-JCC-02	MCA-JCC-02	MCA-JCC-02	MCA-JCC-02	MCA-JCC-03	MCA-JCC-03	MCA-JCC-03	MCA-JCC-03	MCA-JCC-03	MCA-JCC-04	MCA-JCC-04	MCA-JCC-04	MCA-JCC-04
SAMPLE DATE		10/19/05	10/17/06	10/10/07	10/07/08	12/13/04	10/18/05	10/19/06	10/11/07	10/08/08	12/14/04	11/07/05	10/19/06	10/11/07	10/08/08	12/15/04	10/31/05	10/19/06	10/11/07
TOP DEPTH						0 FT					0 FT					0 FT			
BOTTOM DEPTH						0.5 FT					0.5 FT					0.5 FT			
SACODE		NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
QC TYPE	BASELINE PRG	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
SEMIVOLATILES (UG/KG)																			
ANTHRACENE	171	NA	NA	NA	NA	1.2 U	NA	NA	NA	NA	1.3 UJ	NA	NA	NA	NA	1.2 U	NA	NA	NA
FLUORENE	67.7	NA	NA	NA	NA	1.2 U	NA	NA	NA	NA	1.3 UJ	NA	NA	NA	NA	1.2 U	NA	NA	NA
PYRENE	997	NA	NA	NA	NA	9.3	NA	NA	NA	NA	1.3 UJ	NA	NA	NA	NA	4.1	NA	NA	NA
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)																			
ANTHRACENE	171	70.7 J	54 J	110	56 J	NA	67.5 J	2300	32 J	28 J	NA	2.9 U	9.6	9.3	2.5 U	NA	5.3 J	5.9	3.5
FLUORENE	67.7	39.6 J	20 J	53	25	NA	30.1 U	830	12 J	11	NA	2.3 U	3.5	3.7	2.5 U	NA	7.6 J	2.4	1.4
PYRENE	997	262 J	200 J	610	270 J	NA	362 J	9700	320 J	170 J	NA	2.2	50	95	21	NA	32	45	47
POLYCYCLIC AROMATIC HYDROCARBONS (MG/KG)																			
ANTHRACENE	0.171	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FLUORENE	0.0677	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PYRENE	0.997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PESTICIDES/PCBS (UG/KG)																			
SUM OF PCB CONGENERS X 2	1211	NA	44.18436	39.80013	27.24928	NA	NA	21.24224	5.917592	21.35814	NA	0.61 U	21.79062	18.66082	7.74026	NA	40.3	26.97366	15.92544
PCB CONGENERS (UG/KG)																			
SUM OF PCB CONGENERS X 2	1211	NA	NA	NA	NA	2.10548	NA	NA	NA	NA	2.04394	NA	NA	NA	NA	2.52048	NA	NA	NA

BLACK SHADING-EXCEEDS BASELINE PRG; GRAY SHADING-DETECTED;
U-NOT DETECTED; J-QUANTITATION APPROXIMATE; R-REJECTED; NA-NOT ANALYZED

TABLE F7-3B
ANALYTICAL RESULTS - SEDIMENT
MCALLISTER POINT LANDFILL, NAVAL STATION NEWPORT, PORTSMOUTH, RHODE ISLAND

SAMPLE ID		MCA-SD-JCC-04-05	DSY-SD-CC01-082604	MCA-JCC-M-01-01-121304	MCA-SD-JCC-M-01-02	MCA-SD-JCC-M-01-03	MCA-SD-JCC-M-01-04	MCA-SD-JCC-M-01-05	MCA-JCC-S-01-01-121304	MCA-SD-JCC-S-01-02	MCA-SD-JCC-S-01-03	MCA-SD-JCC-S-01-04	MCA-SD-JCC-S-01-05	MCA-NRL-SD12R-200404	MCA-NRL-SD13M-200404	NRL-SD14M-200404	NRL-SD15M-200404	MCA-SD-NSB-01-01	MCA-SD-NSB-01-02
LOCATION ID		MCA-JCC-04	MCA-JCC-D-01	MCA-JCC-M-01	MCA-JCC-M-01	MCA-JCC-M-01	MCA-JCC-M-01	MCA-JCC-M-01	MCA-JCC-S-01	MCA-JCC-S-01	MCA-JCC-S-01	MCA-JCC-S-01	MCA-JCC-S-01	MCA-NRL-SD12R	MCA-NRL-SD13M	MCA-NRL-SD14M	MCA-NRL-SD15M	MCA-NSB-01	MCA-NSB-01
SAMPLE DATE		10/08/08	08/26/04	12/13/04	10/31/05	10/19/06	10/11/07	10/08/08	12/13/04	10/18/05	10/19/06	10/11/07	10/08/08	04/01/04	04/01/04	04/01/04	04/01/04	12/22/04	10/20/05
TOP DEPTH			0 FT	0 FT					0 FT					0 FT	0 FT	0 FT	0 FT	0 FT	
BOTTOM DEPTH			0.5 FT	0.5 FT					0.5 FT					0.5 FT	0.5 FT	0.5 FT	0.5 FT	0.5 FT	
SACODE		NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
QC TYPE	BASELINE PRG	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
SEMIVOLATILES (UG/KG)																			
ANTHRACENE	171	NA	59	1.4 U	NA	NA	NA	NA	13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FLUORENE	67.7	NA	11	1.4 U	NA	NA	NA	NA	1.4 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PYRENE	997	NA	540 *	1.4 U	NA	NA	NA	NA	48	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)																			
ANTHRACENE	171	6.2	NA	NA	3.8	56 J	2600 J	28	NA	56.1 J	31 J	110 J	6.2	NA	NA	NA	NA	1.2 U	38.6
FLUORENE	67.7	3.3 U	NA	NA	2.3 U	14 J	1200 J	11	NA	19.3 U	14 J	47 J	2.6 U	NA	NA	NA	NA	1.2 U	7.6
PYRENE	997	59	NA	NA	5.8	410 J	12000 J	220	NA	379 J	230 J	1000 J	64	NA	NA	NA	NA	5.6	252
POLYCYCLIC AROMATIC HYDROCARBONS (MG/KG)																			
ANTHRACENE	0.171	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.051	0.028	0.026	0.001	NA	NA
FLUORENE	0.0677	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.029	0.0 U	0.0 U	0.009	NA	NA
PYRENE	0.997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.37	0.20	0.18	0.19	NA	NA
PESTICIDES/PCBS (UG/KG)																			
SUM OF PCB CONGENERS X 2	1211	11.06358	NA	NA	37.64	23.301428	17.86768	18.279278	NA	NA	16.11024	15.443444	12.70913	NA	NA	NA	NA	NA	NA
PCB CONGENERS (UG/KG)																			
SUM OF PCB CONGENERS X 2	1211	NA	5.89	2.7463	NA	NA	NA	NA	2.4688	NA	NA	NA	NA	NA	NA	NA	NA	5.7472	NA

BLACK SHADING-EXCEEDS BASELINE PRG; GRAY SHADING-DETECTED;
U-NOT DETECTED; J-QUANTITATION APPROXIMATE; R-REJECTED; NA-NOT ANALYZED

TABLE F7-3B
ANALYTICAL RESULTS - SEDIMENT
MCALLISTER POINT LANDFILL, NAVAL STATION NEWPORT, PORTSMOUTH, RHODE ISLAND

SAMPLE ID		MCA-SD-NSB-01-05	MCA-SD-NSB-02-01	MCA-SD-NSB-02-02	MCA-SD-NSB-02-05	MCA-SD-NSB-03-01	MCA-SD-NSB-03-02	MCA-SD-NSB-03-05	MCA-NSB-04-01-121304	MCA-NSB-04-01-121304-D	MCA-SD-NSB-04-02	MCA-SD-NSB-04-05	MCA-NSB-05-01-121304	MCA-SD-NSB-05-02	MCA-SD-NSB-05-05	MCA-SD-OS27-01	MCA-SD-OS27-01-D	MCA-SD-OS-27-02	MCA-SD-OS-27-03
LOCATION ID		MCA-NSB-01	MCA-NSB-02	MCA-NSB-02	MCA-NSB-02	MCA-NSB-03	MCA-NSB-03	MCA-NSB-03	MCA-NSB-04	MCA-NSB-04	MCA-NSB-04	MCA-NSB-04	MCA-NSB-05	MCA-NSB-05	MCA-NSB-05	MCA-OS-27	MCA-OS-27	MCA-OS-27	MCA-OS-27
SAMPLE DATE		10/09/08	12/15/04	10/20/05	10/09/08	12/22/04	10/20/05	10/09/08	12/13/04	12/13/04	10/20/05	10/09/08	12/13/04	10/20/05	10/09/08	12/21/04	12/21/04	11/01/05	10/17/06
TOP DEPTH			0 FT			0 FT			0 FT	0 FT			0 FT			0 FT	0 FT		
BOTTOM DEPTH			0.5 FT			0.5 FT			0.5 FT	0.5 FT			0.5 FT			0.5 FT	0.5 FT		
SACODE		NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	ORIG	DUP	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	ORIG	DUP	ORIG	NORMAL
QC TYPE	BASELINE PRG	NM	NM	NM	NM	NM	NM	NM	NM	FD	NM	NM	NM	NM	NM	NM	FD	NM	NM
SEMIVOLATILES (UG/KG)																			
ANTHRACENE	171	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FLUORENE	67.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PYRENE	997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)																			
ANTHRACENE	171	4.6	1.2 UJ	2.4 U	2.2 U	1.1 U	2.3 U	2.1 U	1.3 U	1.4 UJ	3.8 J	2.4	1.1 U	2.5 U	2.3 UJ	9.9 J	1.9 J	31.3	31 J
FLUORENE	67.7	2.7 U	1.2 U	1.9 U	2.2 U	1.1 U	1.8 U	2.1 U	1.3 U	1.4 UJ	1.8 U	2.3 U	1.1 U	2 U	2.3 U	3.4 J	1.2 UJ	17	11 J
PYRENE	997	31	25 J	5.8	2.2 U	5	30.4	2.3	8.3 J	1.4 UJ	5.1 J	32	1.1 U	4.2 J	2.3 UJ	60 J	6.6 J	154	180 J
POLYCYCLIC AROMATIC HYDROCARBONS (MG/KG)																			
ANTHRACENE	0.171	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FLUORENE	0.0677	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PYRENE	0.997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PESTICIDES/PCBS (UG/KG)																			
SUM OF PCB CONGENERS X 2	1211	64.024182	NA	NA	5.696536	NA	NA	3.492482	NA	NA	NA	14.547384	NA	NA	1.677222	NA	NA	41.24	134.1753
PCB CONGENERS (UG/KG)																			
SUM OF PCB CONGENERS X 2	1211	NA	2.07028	NA	NA	1.7324	NA	NA	6.4852	10.911	NA	NA	1.935	NA	NA	6.7214	5.689	NA	NA

BLACK SHADING-EXCEEDS BASELINE PRG; GRAY SHADING-DETECTED;
U-NOT DETECTED; J-QUANTITATION APPROXIMATE; R-REJECTED; NA-NOT ANALYZED

TABLE F7-3B
ANALYTICAL RESULTS - SEDIMENT
MCALLISTER POINT LANDFILL, NAVAL STATION NEWPORT, PORTSMOUTH, RHODE ISLAND

SAMPLE ID		MCA-SD-OS-27-04	MCA-SD-OS-27-05	MCA-SD-OS28-01	MCA-SD-OS-28-02	MCA-SD-OS-28-05	MCA-SD-OS29-01	MCA-SD-OS-29-02	MCA-SD-OS-29-03	MCA-SD-OS-29-04	MCA-SD-OS-29-05	MCA-SD-OS-30-01	MCA-SD-OS-30-02	MCA-SD-OS-30-03	MCA-SD-OS-30-04	MCA-SD-OS-30-05	MCA-SD-SDA-D-01-01	MCA-SD-SDA-D-01-02	MCA-SD-SDA-D-01-03
LOCATION ID		MCA-OS-27	MCA-OS-27	MCA-OS-28	MCA-OS-28	MCA-OS-28	MCA-OS-29	MCA-OS-29	MCA-OS-29	MCA-OS-29	MCA-OS-29	MCA-OS-30	MCA-OS-30	MCA-OS-30	MCA-OS-30	MCA-OS-30	MCA-SDA-D-01	MCA-SDA-D-01	MCA-SDA-D-01
SAMPLE DATE		10/10/07	10/07/08	12/22/04	11/03/05	10/08/08	12/22/04	11/07/05	10/17/06	10/10/07	10/07/08	12/16/04	10/19/05	10/17/06	10/10/07	10/07/08	12/16/04	11/07/05	10/17/06
TOP DEPTH				0 FT			0 FT					0 FT					0 FT		
BOTTOM DEPTH				0.5 FT			0.5 FT					0.5 FT					0.5 FT		
SACODE		NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
QC TYPE	BASELINE PRG	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
SEMIVOLATILES (UG/KG)																			
ANTHRACENE	171	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FLUORENE	67.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PYRENE	997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)																			
ANTHRACENE	171	69 J	33 J	7.7	0.0013	440 J	7	0.072	89 J	520 J	54 J	1.3 U	107 J	36 J	410 J	63 J	1.4 U	0.000035	28 J
FLUORENE	67.7	39 J	17	4.4	3.2 J	240	2.5	1.7	75 J	330 J	27	1.3 U	50.3 J	17 J	170 J	28	1.4 U	0.0014 J	11 J
PYRENE	997	510 J	160 J	11	0.00003	1600 J	17	0.035	600 J	2500 J	320 J	11	368 J	190 J	2400 J	350 J	1.4 U	0.0016	160 J
POLYCYCLIC AROMATIC HYDROCARBONS (MG/KG)																			
ANTHRACENE	0.171	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FLUORENE	0.0677	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PYRENE	0.997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PESTICIDES/PCBS (UG/KG)																			
SUM OF PCB CONGENERS X 2	1211	43.30976	55.81118	NA	1.36	185.7963	NA	22.6	107.594814	131.17402	94.66736	NA	NA	90.93786	93.61644	91.43524	NA	42.14	42.36796
PCB CONGENERS (UG/KG)																			
SUM OF PCB CONGENERS X 2	1211	NA	NA	3.64298	NA	NA	33.774	NA	NA	NA	NA	14.3778	NA	NA	NA	NA	7.512	NA	NA

BLACK SHADING-EXCEEDS BASELINE PRG; GRAY SHADING-DETECTED;
U-NOT DETECTED; J-QUANTITATION APPROXIMATE; R-REJECTED; NA-NOT ANALYZED

TABLE F7-3B
ANALYTICAL RESULTS - SEDIMENT
MCALLISTER POINT LANDFILL, NAVAL STATION NEWPORT, PORTSMOUTH, RHODE ISLAND

SAMPLE ID		MCA-SD-SDA-D-01-04	MCA-SD-SDA-D-01-05	MCA-SDA-M-02-01-121304	MCA-SD-SDA-M-02	MCA-SD-SDA-M-02-03	MCA-SD-SDA-M-02-04	MCA-SD-SDA-M-02-05	MCA-SD-SDA-S02B/C-01	MCA-SD-SDA-S-02-B-02	MCA-SD-SDA-S-02-B-05	MCA-SD-SDA-02-C-02	MCA-SD-SDA-S-02-C-05	MCA-SD-S-04-03	MCA-SDA-S-04-01-121404	MCA-SD-SDA-S-04-02	MCA-SD-S-04-04	MCA-SD-SDA-04-05	MCA-SD-DUP02
LOCATION ID		MCA-SDA-D-01	MCA-SDA-D-01	MCA-SDA-M-02	MCA-SDA-M-02	MCA-SDA-M-02	MCA-SDA-M-02	MCA-SDA-M-02	MCA-SDA-S-02-B/C	MCA-SDA-S-02-B/C	MCA-SDA-S-02-B/C	MCA-SDA-S-02-C	MCA-SDA-S-02-C	MCA-SDA-S-03	MCA-SDA-S-04	MCA-SDA-S-04	MCA-SDA-S-04	MCA-SDA-S-04	UNDEFINED_MCA
SAMPLE DATE		10/10/07	10/07/08	12/13/04	10/19/05	10/17/06	10/10/07	10/07/08	12/22/04	11/03/05	10/09/08	11/07/05	10/08/08	10/17/06	12/14/04	10/19/05	10/10/07	10/07/08	10/20/05
TOP DEPTH				0 FT					0 FT						0 FT				
BOTTOM DEPTH				0.5 FT					0.5 FT						0.5 FT				
SACODE		NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	DUP
QC TYPE	BASELINE PRG	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	FD
SEMIVOLATILES (UG/KG)																			
ANTHRACENE	171	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FLUORENE	67.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PYRENE	997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)																			
ANTHRACENE	171	200	19 J	1.5 U	41.3 J	900	140 J	38 J	1.3 U	0.02 J	7.2	4.2 J	4.8 J	23 J	1.3 UJ	23.6 U	8.3	3.8	5.9
FLUORENE	67.7	56	8 J	1.5 U	21.2 J	700	56 J	15	1.3 U	2.3 U	3.1	2.3 U	2.7 U	11 J	1.3 U	7.9 U	2.8	2.6 U	5.7
PYRENE	997	1500	130 J	17 J	187 J	2200	730 J	200 J	1.3 U	0.026	51	15.2	34 J	90 J	24 J	130 J	45	43	19.7 J
POLYCYCLIC AROMATIC HYDROCARBONS (MG/KG)																			
ANTHRACENE	0.171	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FLUORENE	0.0677	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PYRENE	0.997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PESTICIDES/PCBS (UG/KG)																			
SUM OF PCB CONGENERS X 2	1211	45.01928	40.466684	NA	NA	47.2482	48.25456	48.10414	NA	37.2	19.711624	37.64	88.3068	32.20364	NA	NA	32.0022	24.154732	NA
PCB CONGENERS (UG/KG)																			
SUM OF PCB CONGENERS X 2	1211	NA	NA	5.3954	NA	NA	NA	NA	4.5492	NA	NA	NA	NA	NA	7.2486	NA	NA	NA	NA

BLACK SHADING-EXCEEDS BASELINE PRG; GRAY SHADING-DETECTED;
U-NOT DETECTED; J-QUANTITATION APPROXIMATE; R-REJECTED; NA-NOT ANALYZED

Five Year Review Report

for

Naval Station Newport
(Formerly NETC Newport)

Newport, Rhode Island

Naval Facilities Engineering Command
Mid-Atlantic

Contract Number N62472-03-D-0057
Contract Task Order 143

December 2009