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NAS SOUTH WEYMOUTH
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U S NAVY RESPONSE TO REGULATOR COMMENTS TO DRAFT SAMPLING AND ANALYSIS PLAN INDUSTRIAL OPERATIONS AREA WITH TRANSMITTAL NAS SOUTH WEYMOUTH MA
6/29/2011
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C-NAVY-06-11-4450W

June 29, 2011

Project Number G02073

Mr. Brian Helland, RPM
BRAC PMO, Northeast
4911 South Broad Street
Philadelphia, Pennsylvania 19112

Reference: CLEAN Contract No. N62470-08-D-1001
Contract Task Order (CTO) No. WE11

Subject: Responses to Comments – Draft Sampling and Analysis Plan
Industrial Operations Area
Former Naval Air Station South Weymouth, Weymouth, Massachusetts

Dear Mr. Helland:

Enclosed are responses to comments (RTCs) received from the U.S. Environmental Protection Agency (EPA) and the Massachusetts Department of Environmental Protection (MassDEP) on the Draft Sampling and Analysis Plan, Industrial Operations Area, former Naval Air Station South Weymouth, Weymouth, Massachusetts. The EPA comments were received on May 31, 2011. The MassDEP comments, received on April 12, 2011, are in response to the Navy's RTCs issued on April 11, 2011. Once concurrence is obtained on these responses, the draft final Sampling and Analysis will be prepared. Once the document is finalized, the field program will be implemented. As you have mentioned, the Navy must complete the field program in a timely manner to support property transfer and redevelopment schedules.

On behalf of the Navy, the RTCs on the draft Sampling and Analysis Plan, Industrial Operations Area, are being provided to the recipients listed below. If you have any questions regarding the document, please contact me at (978) 474-8403.

Very truly yours,

Phoebe A. Call

Phoebe A. Call
Project Manager

PAC/lh
Enclosures

c: D. Barney, Navy (w/encl. – 1)
C. Keating, EPA (w/encl. – 3)
D. Chaffin, MassDEP (w/encl. – 1)
Chief Executive Officer, South Shore Tri-town Development Corp. (w/encl. – 1)
T. Campbell, TtNUS (w/encl. – 1)
J. Traut, TtNUS, (w/encl. - 1)
J. Trepanowski, TtNUS (w/o encl.)
G. Glenn, TtNUS (w/o encl.)
File G02073-3.2 (w/o encl.); G02073-8.0 (w/encl.)

Tetra Tech
250 Andover Street, Suite 200, Wilmington, MA 01887-1048
Tel 978.474.8400 Fax 978.474.8499 www.tetratech.com

NAVY RESPONSES TO U.S. ENVIRONMENTAL PROTECTION AGENCY (EPA) COMMENTS (DATED MAY 31, 2011)
SAMPLING AND ANALYSIS PLAN
INDUSTRIAL OPERATIONS AREA
FORMER NAVAL AIR STATION SOUTH WEYMOUTH, WEYMOUTH, MASSACHUSETTS

Navy's responses to the EPA comments on the Draft Sampling and Analysis Plan, Industrial Operations Area (IOA) are presented below. EPA's comments are presented first (in italics) followed by Navy's responses.

Comment 1: *The presence of a 6-inch to 2- foot thick coal ash layer (anywhere from 0-5 feet depths) has been confirmed at RIA 33, both inside Building 117 and surrounding soils. Although the July 2003, subsurface soil investigation produced limited analytical data from only two sampling locations, the boring logs for the 38 direct push technology (DPT) coal delineation borings advanced as part of this effort, revealed the presence of coal ash, coal pieces, and trace coal fragments in layers and bands throughout the entire IOA operable unit. Unfortunately, it doesn't appear that the ash zone has been fully delineated, either laterally or vertically. It was difficult, utilizing the maps and figures provided in the draft SAP, to verify that the proposed sampling strategy is adequate based on historical sampling results. Where appropriate, it is requested that this information be annotated on revised figures, to better support the scope of the field effort outlined in the draft SAP.*

Response: Figure 6 of the SAP (see Attachment 1)) has been revised to include locations where coal has been observed. Based on a review of the coal ash delineation field report (included as Attachment B in Navy's May 2010 Industrial Operations Area Technical Memorandum), the Navy believes that the presence of coal ash has been adequately delineated in the IOA area. Boring logs from the RIA 33 coal ash delineation field report are included in Attachment 4 along with a figure showing the locations of all the borings. Please see the May 2010 Industrial Operations Area Technical Memorandum for further details.

Comment 2: *The presence of coal ash throughout the IOA raises a potential ground water issue, particularly with regards to the potential leaching of arsenic and other metals to the underlying aquifer. As discussed recently with Dave Barney, a relatively thin ash layer was discovered during drilling activities at Shepley's Hill Landfill at the former Fort Devens. While it has long been believed that the source of arsenic-contaminated groundwater emanating from the landfill was reducing conditions created by the landfill and the liberation of naturally-occurring arsenic in soils, there appears to be some suggestion that leaching of metals associated with the ash may be at least partly responsible for the high arsenic detections in groundwater. It is difficult to ascertain if similar impacts to groundwater have occurred at the IOA based on the limited groundwater data collected to date.*

Although the September 22, 2010, IOA scoping meeting notes confirm that an agreement had been reached regarding the exclusion of groundwater as a media of concern for the IOA site, recently released EPA vapor intrusion guidance (coupled with recent revelations at the former Fort Devens' Shepley's Hill Landfill), seem to support the need for additional groundwater sampling at the site prior to its transfer for residential/mixed commercial use.. In lieu of installing permanent, monitoring wells throughout the site, however, EPA believes that the DPT rig (on site for subsurface soil sampling) could be used to profile shallow and subsurface soils (to more accurately delineate the extent and depth of the coal ash layer) and to collect a few groundwater samples (e.g., "grabs") within, beneath, and downgradient of the coal ash for VOC, SVOC, and metals analyses. (EPA's concerns related to a potential groundwater pathway from the upgradient Building 81 and SRA sites to the downgradient IOA, that should be evaluated as part of this groundwater sampling effort.)

In addition, it is requested that a map of ALL (both currently and historically viable) monitoring wells associated with the IOA, so that a better assessment as to the adequacy of existing coverage can be made. Also, please prepare a "companion table" to accompany the map that includes total depths and screened intervals, and groundwater levels, for all of the wells.

Response: The historic groundwater data from monitoring wells located within the IOA have been reviewed; the complete results are attached to this response document in electronic format (see Attachment 2). The data do not suggest that leaching of metals to groundwater from any coal ash deposits is occurring. Specifically arsenic concentrations were non-detect in monitoring wells located downgradient of RIA 33., The reducing conditions created by the landfill materials as discussed in the comment are not likely to be present at the IOA. The suggested groundwater sampling and soil profiling are not consistent with the scope of the IOA SAP, which has evolved from BCT discussions since late 2004. The draft SAP reflects the scope agreed to by the BCT at the meetings summarized on SAP WS #9, including the agreement by EPA and MassDEP that groundwater is not a medium of concern. The IOA is located in a key portion of the Base re-development plans; Navy plans to finalize the SAP based on the previously agreed-upon scope and conduct the field program this summer.

In addition, the review of historic groundwater analytical data (see Attachment 2 and the May 2010 Industrial Operations Area Technical Memorandum) has not shown that VOCs are a contaminant of concern and therefore changes to EPA's vapor intrusion guidance should not change the agreement that groundwater is not a medium of concern. Groundwater flow characterization in the vicinity of Building 81 suggests that the IOA is located cross-gradient from the Building 81 area.

Figure 3 of the May 2010 Industrial Operations Area Technical Memorandum includes locations of all groundwater monitoring wells located within the IOA. A table has been compiled with well construction details and groundwater levels, where available, and is included as Attachment 3.

Comment 3: *The EPA concurs with the MA DEP's request for a "more rigorous approach" to evaluating potential risks associated with RIA 33 (and RIA 82) prior to achieving close-out in this portion of the IOA. Previous work in this area indicates that there have been releases requiring further action at both RIAs. A meeting should be convened to discuss the appropriate next steps for these two sites.*

Response: Navy concurs that a follow-up meeting be scheduled to discuss the sampling approach in the IOA SAP to address issues associated with RIA 33 and RIA 82 and resolve other comments so that the SAP can be finalized in a timely manner to allow the field program to proceed this summer. Please see Navy's responses to MassDEP comments with regard to modifications in the SAP for sampling subsurface soil in the vicinity of RIA 33 and RIA 82.

NAVY RESPONSES TO MASSACHUSETTS DEPARTMENT OF ENVIRONMENTAL PROTECTION (MASSDEP) COMMENTS (DATED APRIL 12, 2011)
ON NAVY RESPONSES TO COMMENTS DATED APRIL 11, 2011
SAMPLING AND ANALYSIS PLAN
INDUSTRIAL OPERATIONS AREA
FORMER NAVAL AIR STATION SOUTH WEYMOUTH, WEYMOUTH, MASSACHUSETTS

Navy's responses to the MassDEP comments on the Navy's April 11, 2011 Responses to Comments, Draft Sampling and Analysis Plan, Industrial Operations Area (IOA) are presented below. MassDEP's follow up comments are presented first (in italics) followed by Navy's responses.

***Comment 1, Follow up to Navy's April 11, 2011 RTC 1**: **A)** Aerial photos indicate that EU-9 and EU-15 were not paved during most of the years since base construction; in particular, these areas were not paved during most, if not all, of the years the power plant was active. Consequently, whether currently paved or not, "surface soil" (e.g., 6 to 24 inches below grade) in these EUs should be sampled for dioxin analysis.*

Response: As discussed in the Data Quality Objective (DQO) meetings for the IOA, collection of 10 surface soil samples for dioxin analysis was determined to be appropriate. In response to this comment, samples will be collected for dioxin analysis from EU-9 in place of EU-6 and EU-15 in place of EU-33. EU-9 and EU-15 are in closer proximity to the power plant than EU-6 and EU-33. Figure 5 of the IOA SAP has been modified accordingly (see Attachment 1).

***B)** Regarding sampling in EU-37 and EU-38, based on the RTC 3, it is not clear whether subsurface soil samples will be collected from these EUs for dioxin analysis; however, considering proximity to coal and coal ash management area and the documented presence of coal layers in this area, analysis of dioxin in subsurface soil samples only in these EUs would leave a foreseeable datagap in the screening evaluation of surface soil. This datagap can be avoided by collecting the surface soil samples from EU-37 and EU-38 as recommended, or alternatively, if minimizing the number of samples is a high priority, targeting the worst-case depth interval in each of the EUs for dioxin sampling (e.g., sampling a coal ash layer) and using the results in both the surface and subsurface soil screenings (i.e., assume the worst case sample in each EU is representative of surface and subsurface soil). Finally, coal was encountered at multiple locations in EU-43; therefore, sampling for dioxin in EU-43 should be retained in the sampling plan.*

Response: Subsurface soil samples from the proposed locations shown on revised Figure 6 (see Attachment 1) will be analyzed for dioxin. Both surface and subsurface soil samples will be collected for dioxin analysis in EU-43 (see Figures 5 and 6 in Attachment 1). The sample locations shown on Figure 6 correspond to the additional subsurface soil samples associated with the Building 117 floor drain system, the area south of Building 117 (see the responses below), and the other EUs shown on the figure.

For subsurface dioxin sampling in general, the worst-case depth interval (zones of observed coal ash) in each of the subsurface boring locations will be targeted for dioxin sampling (see boring logs in Attachment 4). If the coal ash layer is encountered before the target depth at a soil boring location (i.e. below the floor drains in Building 117), then the dioxin sample will be collected above the target depth. If no evidence of coal ash is present, then the dioxin sample will be collected at the 1 to 3 foot interval target depth. Based on the data from the coal delineation study, if a coal ash layer was noted in the Building 117 area, it was predominately within the 1 to 3 foot interval.

Regarding surface soil dioxin sampling in EU-37 and EU-38, it was determined during the DQO discussions that collection of 10 surface soil samples for dioxin analysis was sufficient for the IOA. The Navy does not consider subsurface dioxin results to be representative for surface soil screening; the two sets of results will be evaluated separately. However, if visual evidence of coal ash is observed from in the 0 to 1 foot interval during advancement of the subsurface borings in EU-37 and EU-38, Navy agrees to collect a surface soil sample for dioxin analysis. This field change will be noted on the boring logs.

Comment 2, Follow up to Navy's April 11, 2011 RTC 3: A) *Regarding RIA 33, a more rigorous approach is needed to achieve close-out for RIA 33. Previous investigations have established that VOCs and PAHs were released from the floor drain system to surrounding subsurface soil with concentrations that exceed reportable concentrations. While these investigations did not indicate that the contamination extends to groundwater, RIA 33 is nevertheless a disposal site and should be addressed as such. Accordingly, RIA 33 should be designated AOC 33 for further action under CERCLA, or assigned to the MCP program for further action (e.g., LRA), and managed separately from the IOA screening investigation. Based on the CERCLA vs. MCP decision, an appropriate separate workplan that includes a summary and evaluation of previous work and a sampling program to determine the extent of subsurface contamination or a removal action should be developed.*

Response: The project team agreed at the September 22, 2010 scoping meeting that the existing sites (i.e. RIA 33 and RIA 82, AOC 14 and 83) would be addressed in the IOA SAP. The use of a single sampling plan for the IOA was first suggested by EPA and MassDEP at the October 22, 2008 BCT meeting. The IOA SAP was developed to direct sampling at all locations of interest within the IOA AOC. Since 2009, the IOA has been shown as a single AOC in the Site Management Plan AOC schedule as comprised of these four sites and the surrounding areas.

The April 2011 Response to Comment #3 included five locations associated with the floor drain system in Building 117. In response to this follow up comment, the locations have been adjusted, as shown on Figure 6 (see Attachment 1). To provide a more rigorous approach as suggested in the comment above, additional samples will be collected south and southwest of Building 117, from 1 to 3 feet bgs, if no evidence of coal ash is present (see Figure 6). The additional samples shown on the figure are located in areas where coal was previously observed (see Attachment 4).

B) *Regarding RIA 82, clarification is necessary to establish the sampling objective for RIA 82 (confirmation/delineation), which differs from the objective of the other sampling in the SAP (screening), and the proposed sample locations should be identified in the plan. Like RIA 33, previous work indicates that there is a release that requires further action at RIA 82 (PAHs exceeding reportable concentrations in sample SB06-011(8-10)). Because RIA 82 is currently a "one-sample-site", it would be reasonable as a first step to collect additional nearby samples under the EBS program to confirm that a significant release exists. Two samples may be sufficient, but the locations should be a based on a review and presentation of site data, including the results from samples previously collected in the vicinity. In addition, because of the obvious potential connection to the Building 8 site, available data from the Building 8 site should be reviewed, and based on that review, additional samples should be considered to assess the potential connection between RIA 82 and the Building 8 site. The results from the confirmation samples and any samples collected to assess connections between RIA 82 and Building 8 would be used to make a decision on the need for additional investigation (e.g., to delineate full extent of release and assess risk) and, if appropriate, the program under which additional investigation would be completed. Because of the limited scope of the confirmation sampling, I think it would be acceptable to include the confirmation sampling work in the IOA SAP; however, to minimize any potential impacts on the schedule for the rest of the IOA investigation, I think RIA 82 could also be addressed with a separate EBS sampling plan.*

Response: The project team agreed at the September 22, 2010 scoping meeting that the existing sites (i.e. RIA 33 and RIA 82, AOC 14 and 83) would be addressed in the IOA SAP. The use of a single sampling plan for the IOA was first suggested by EPA and MassDEP at the October 22, 2008 BCT meeting. The IOA SAP was developed to direct sampling at all locations of interest within the IOA AOC. Since 2009, the IOA has been shown as a single AOC in the Site Management Plan AOC schedule as comprised of these four sites and the surrounding areas.

As suggested in the comment, two subsurface soil samples will be collected from the vicinity of RIA 82 to confirm the presence or absence of any potential contamination. One subsurface soil sample will be collected within the RIA 82 boundary and one subsurface soil sample will be collected downgradient. The placement of the two locations is based on the review of site data, which was presented in the Industrial Operations Area Technical Memorandum (May 2010). Navy's RTC #3 (April 2011) has been revised as follows (see Figure 6): the samples will be collected at a depth below the former fuel tank and

be analyzed for PAHs, PCBs, metals, and VOCs. Subsurface soil samples will also be collected for dioxins at the two locations, but the 1 to 3 ft interval will be targeted for this analysis (if no evidence of coal ash is present) instead of below the former fuel tank. In addition to the two locations associated with RIA 82, the proposed borings associated with RIA 33 will be analyzed for PAHs and will provide data and additional coverage for the RIA 82 area.

ATTACHMENTS

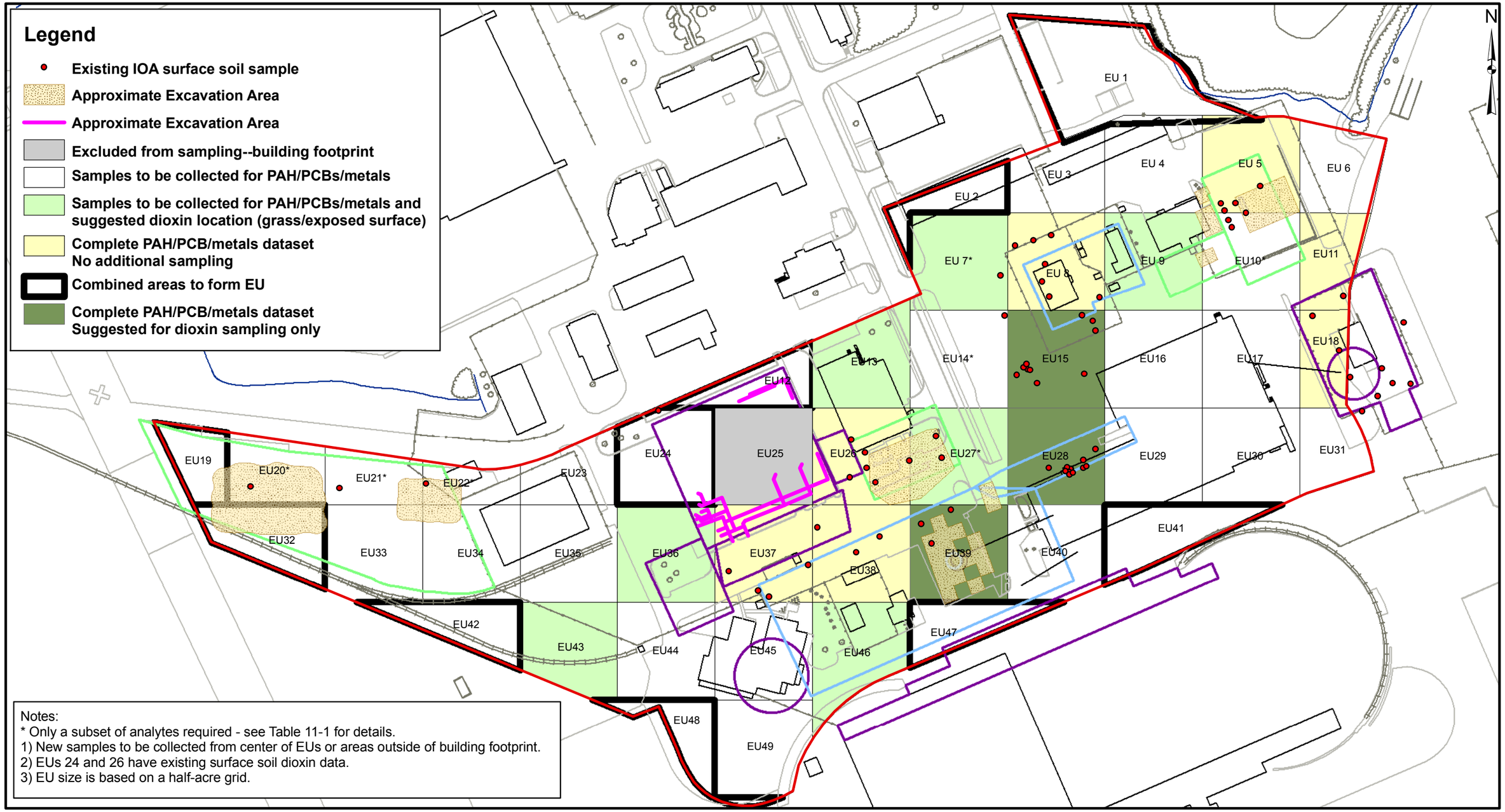
RESPONSES TO COMMENTS

INDUSTRIAL OPERATIONS AREA SAMPLING AND ANALYSIS PLAN

1. **Revised Figures 5 and 6**
2. **Groundwater Data - Industrial Operations Area Monitoring Wells**
3. **Industrial Operations Area Monitoring Well Information**
4. **RIA 33 Boring Logs – November 2002 and July 2003 (source: RIA 33 AIMD Building and Surrounding Shallow Soil Field Report)**

ATTACHMENT 1

Revised Figures 5 and 6



0 50 100 200 300 400 500 Feet

Industrial Area Boundary
RTN Site Boundary
RIA Boundary
CERCLA AOC Boundary

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SURFACE SOIL EXPOSURE UNITS
INDUSTRIAL OPERATIONS AREA
NAVAL AIR STATION SOUTH WEYMOUTH
WEYMOUTH, MASSACHUSETTS

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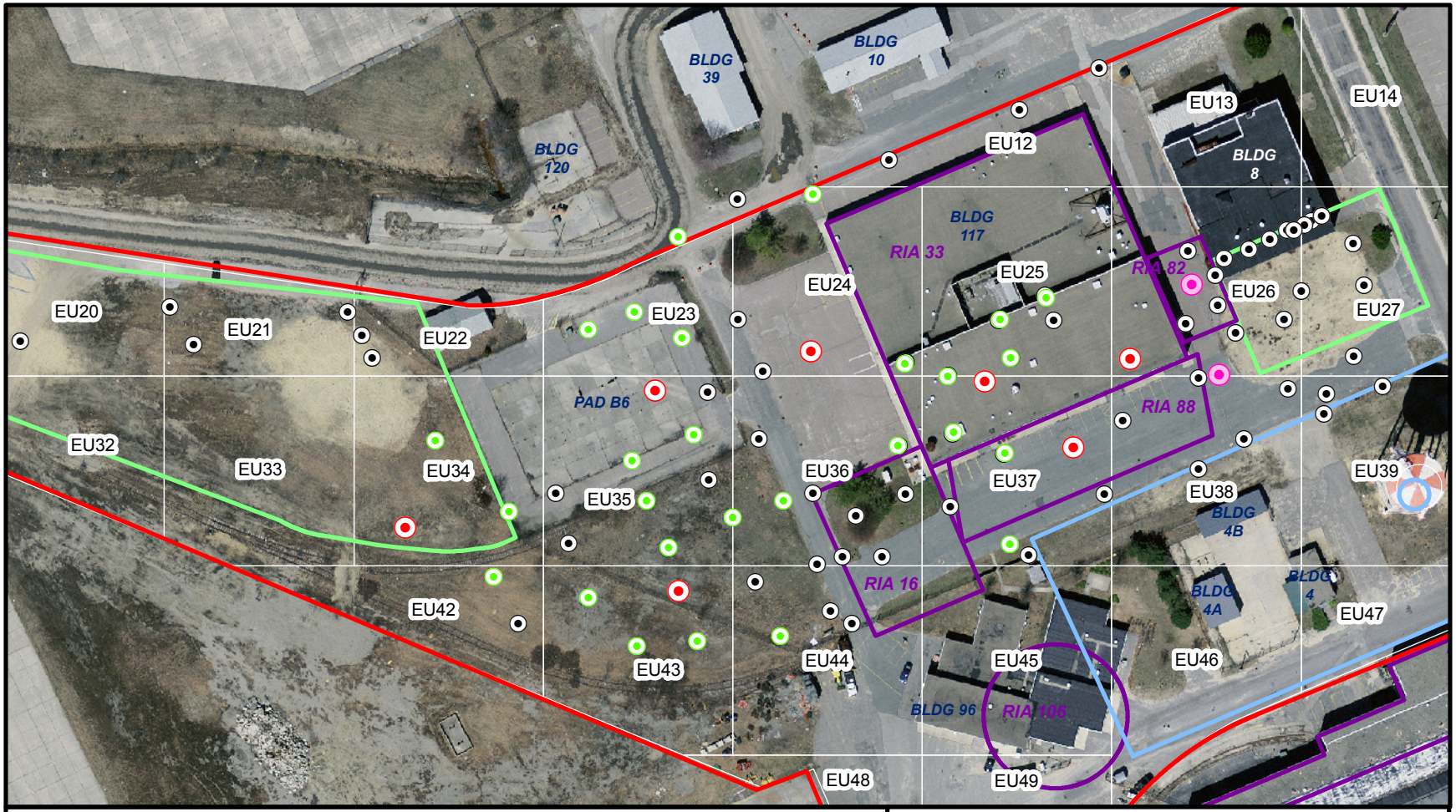
SCALE: AS NOTED

FIGURE NUMBER: FIGURE NO. 5

REV: 0

DATE: 6/13/11



Boring proposed for PAHs/PCBs/metals/dioxin

Boring proposed for PAHs/PCBs/metals/dioxin and VOCs

Existing boring where coal was observed

Existing boring

Industrial Area Boundary

RTN Site Boundary

RIA Boundary

CERCLA AOC Boundary

0 50 100 150 200 Feet

N W E S

Aerial photo from MassGIS, tile 24628780_15.sid, 2008/2009.

PROPOSED SUBSURFACE SOIL BORINGS
INDUSTRIAL OPERATIONS AREA
NAVAL AIR STATION SOUTH WEYMOUTH
WEYMOUTH, MASSACHUSETTS

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6/28/11

FIGURE NO. 6

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ATTACHMENT 2
ANALYTICAL RESULTS - GROUNDWATER
INDUSTRIAL OPERATIONS AREA
NAS SOUTH WEYMOUTH, WEYMOUTH, MASSACHUSETTS

SAMPLE ID	AGGW01AA	AGGW02AA	AGGW02AA-D	AGGW02AA-AVG	AGGW03AA	AGGW04AA	AGGW05AA	AGGW06AA	B116-OGW1A
LOCATION ID	AVG-MW-1	AVG-MW-2	AVG-MW-2	AVG-MW-2	AVG-MW-3	AVG-MW-4	AVG-MW-5	AVG-MW-6	B116-MW-01
SAMPLE DATE	02/15/00	02/15/00	02/15/00	02/15/00	02/15/00	02/15/00	02/15/00	02/15/00	03/20/97
SACODE			DUPLICATE	AVERAGE					
VOLATILES (UG/L)									
1,1,1-TRICHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-TETRACHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-TRICHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-DICHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-DICHLOROETHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-DIBROMO-3-CHLOROPROPANE	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-DIBROMOETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-DICHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-DICHLOROPROPANE	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-BUTANONE	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-HEXANONE	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-METHYL-2-PENTANONE	NA	NA	NA	NA	NA	NA	NA	NA	NA
ACETONE	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZENE	5 U	5 U	5	3.75	5 U	5 U	5 U	5 U	5 U
BROMODICHLOROMETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA
BROMOFORM	NA	NA	NA	NA	NA	NA	NA	NA	NA
BROMOMETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA
CARBON DISULFIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA
CARBON TETRACHLORIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHLORODIBROMOMETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHLOROFORM	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHLOROMETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA
CIS-1,2-DICHLOROETHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA

LIGHT SHADING-DETECTED; U-NOT DETECTED; J-QUANTITATION APPROXIMATE; R-REJECTED; NA-NOT ANALYZED

ATTACHMENT 2
ANALYTICAL RESULTS - GROUNDWATER
INDUSTRIAL OPERATIONS AREA
NAS SOUTH WEYMOUTH, WEYMOUTH, MASSACHUSETTS

SAMPLE ID	AGGW01AA	AGGW02AA	AGGW02AA-D	AGGW02AA-AVG	AGGW03AA	AGGW04AA	AGGW05AA	AGGW06AA	B116-OGW1A
LOCATION ID	AVG-MW-1	AVG-MW-2	AVG-MW-2	AVG-MW-2	AVG-MW-3	AVG-MW-4	AVG-MW-5	AVG-MW-6	B116-MW-01
SAMPLE DATE	02/15/00	02/15/00	02/15/00	02/15/00	02/15/00	02/15/00	02/15/00	02/15/00	03/20/97
SACODE			DUPLICATE	AVERAGE					
CIS-1,3-DICHLOROPROPENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
ETHYLBENZENE	5 U	22	24	23	5 U	5 U	5 U	5 U	5 U
M+P-XYLENES	10 U	100	110	105	10 U	10 U	10 U	10 U	NA
METHYL TERT-BUTYL ETHER	5 U	8	6	7	9	5 U	5 U	5 U	10 U
METHYLENE CHLORIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA
O-XYLENE	10 U	20	21	20.5	10 U	10 U	10 U	10 U	10 U
STYRENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
TETRACHLOROETHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
TOLUENE	15 U	130	150	140	15 U	15 U	15 U	15 U	5 U
TOTAL 1,2-DICHLOROETHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
TOTAL XYLENES	NA	NA	NA	NA	NA	NA	NA	NA	5 U
TRANS-1,2-DICHLOROETHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
TRANS-1,3-DICHLOROPROPENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
TRICHLOROETHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
VINYL CHLORIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOLATILE PETROLEUM HYDROCARBONS	NA	NA	NA	NA	NA	NA	NA	NA	NA
VPH MADEP (UG/L)									
C5-C8 ALIPHATICS	240 U	2600	2400	2500	2700	240 U	240 U	240 U	40 U
C5-C8 ALIPHATICS (WEIGHTED 0.5)	NA	NA	NA	NA	NA	NA	NA	NA	20 U
C5-C8 ALIPHATICS-UNADJ	NA	NA	NA	NA	NA	NA	NA	NA	NA
C9-C10 AROMATICS	70 U	200	200	200	70 U	70 U	70 U	70 U	20 U
C9-C10 AROMATICS (WEIGHTED 1.0)	NA	NA	NA	NA	NA	NA	NA	NA	20 U
C9-C12 ALIPHATICS	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	10 U
C9-C12 ALIPHATICS (WEIGHTED 0.05)	NA	NA	NA	NA	NA	NA	NA	NA	0.5 U
C9-C12 ALIPHATICS-UNADJ	NA	NA	NA	NA	NA	NA	NA	NA	NA
SEMIVOLATILES (UG/L)									
1,2,4-TRICHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,2'-OXYBIS(1-CHLOROPROPANE)	NA	NA	NA	NA	NA	NA	NA	NA	NA

LIGHT SHADING-DETECTED; U-NOT DETECTED; J-QUANTITATION APPROXIMATE; R-REJECTED; NA-NOT ANALYZED

ATTACHMENT 2
ANALYTICAL RESULTS - GROUNDWATER
INDUSTRIAL OPERATIONS AREA
NAS SOUTH WEYMOUTH, WEYMOUTH, MASSACHUSETTS

SAMPLE ID	AGGW01AA	AGGW02AA	AGGW02AA-D	AGGW02AA-AVG	AGGW03AA	AGGW04AA	AGGW05AA	AGGW06AA	B116-OGW1A
LOCATION ID	AVG-MW-1	AVG-MW-2	AVG-MW-2	AVG-MW-2	AVG-MW-3	AVG-MW-4	AVG-MW-5	AVG-MW-6	B116-MW-01
SAMPLE DATE	02/15/00	02/15/00	02/15/00	02/15/00	02/15/00	02/15/00	02/15/00	02/15/00	03/20/97
SACODE			DUPLICATE	AVERAGE					
2,4,5-TRICHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,6-TRICHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-DICHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-DIMETHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-DINITROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-DINITROTOLUENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6-DINITROTOLUENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-CHLORONAPHTHALENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-CHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-METHYLNAPHTHALENE	NA	NA	NA	NA	NA	NA	NA	NA	5 U
2-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-NITROANILINE	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-NITROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA
3&4-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,3'-DICHLOROBENZIDINE	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-NITROANILINE	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,6-DINITRO-2-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-BROMOPHENYL PHENYL ETHER	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-CHLORO-3-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-CHLOROANILINE	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-CHLOROPHENYL PHENYL ETHER	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-NITROANILINE	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-NITROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA
ACENAPHTHENE	NA	NA	NA	NA	NA	NA	NA	NA	0.2 U
ACENAPHTHYLENE	NA	NA	NA	NA	NA	NA	NA	NA	0.2 U
ANTHRACENE	NA	NA	NA	NA	NA	NA	NA	NA	0.2 U
BENZO(A)ANTHRACENE	NA	NA	NA	NA	NA	NA	NA	NA	0.2 U
BENZO(A)PYRENE	NA	NA	NA	NA	NA	NA	NA	NA	0.2 U

LIGHT SHADING-DETECTED; U-NOT DETECTED; J-QUANTITATION APPROXIMATE; R-REJECTED; NA-NOT ANALYZED

SAMPLE ID	AGGW01AA	AGGW02AA	AGGW02AA-D	AGGW02AA-AVG	AGGW03AA	AGGW04AA	AGGW05AA	AGGW06AA	B116-OGW1A
LOCATION ID	AVG-MW-1	AVG-MW-2	AVG-MW-2	AVG-MW-2	AVG-MW-3	AVG-MW-4	AVG-MW-5	AVG-MW-6	B116-MW-01
SAMPLE DATE	02/15/00	02/15/00	02/15/00	02/15/00	02/15/00	02/15/00	02/15/00	02/15/00	03/20/97
SACODE			DUPLICATE	AVERAGE					
BENZO(B)FLUORANTHENE	NA	NA	NA	NA	NA	NA	NA	NA	0.2 U
BENZO(G,H,I)PERYLENE	NA	NA	NA	NA	NA	NA	NA	NA	0.2 U
BENZO(K)FLUORANTHENE	NA	NA	NA	NA	NA	NA	NA	NA	0.2 U
BIS(2-CHLOROETHOXY)METHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA
BIS(2-CHLOROETHYL)ETHER	NA	NA	NA	NA	NA	NA	NA	NA	NA
BIS(2-ETHYLHEXYL)PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA
BUTYL BENZYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA
CARBAZOLE	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHRYSENE	NA	NA	NA	NA	NA	NA	NA	NA	0.2 U
DIBENZO(A,H)ANTHRACENE	NA	NA	NA	NA	NA	NA	NA	NA	0.2 U
DIBENZOFURAN	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIETHYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIMETHYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA
DI-N-BUTYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA
DI-N-OCTYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA
FLUORANTHENE	NA	NA	NA	NA	NA	NA	NA	NA	0.2 U
FLUORENE	NA	NA	NA	NA	NA	NA	NA	NA	0.2 U
HEXACHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEXACHLOROBUTADIENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEXACHLOROCYCLOPENTADIENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEXACHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA
INDENO(1,2,3-CD)PYRENE	NA	NA	NA	NA	NA	NA	NA	NA	0.2 U
ISOPHORONE	NA	NA	NA	NA	NA	NA	NA	NA	NA
NAPHTHALENE	NA	NA	NA	NA	NA	NA	NA	NA	0.2 U
NITROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-NITROSO-DI-N-PROPYLAMINE	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-NITROSODIPHENYLAMINE	NA	NA	NA	NA	NA	NA	NA	NA	NA
PENTACHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA
PHENANTHRENE	NA	NA	NA	NA	NA	NA	NA	NA	0.2 U

ATTACHMENT 2
ANALYTICAL RESULTS - GROUNDWATER
INDUSTRIAL OPERATIONS AREA
NAS SOUTH WEYMOUTH, WEYMOUTH, MASSACHUSETTS

SAMPLE ID	AGGW01AA	AGGW02AA	AGGW02AA-D	AGGW02AA-AVG	AGGW03AA	AGGW04AA	AGGW05AA	AGGW06AA	B116-OGW1A
LOCATION ID	AVG-MW-1	AVG-MW-2	AVG-MW-2	AVG-MW-2	AVG-MW-3	AVG-MW-4	AVG-MW-5	AVG-MW-6	B116-MW-01
SAMPLE DATE	02/15/00	02/15/00	02/15/00	02/15/00	02/15/00	02/15/00	02/15/00	02/15/00	03/20/97
SACODE			DUPLICATE	AVERAGE					
PHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA
PYRENE	NA	NA	NA	NA	NA	NA	NA	NA	0.2 U
EPH MADEP (UG/L)									
C10-C22 AROMATICS	NA	NA	NA	NA	NA	NA	NA	NA	NA
C11-C22 AROMATICS	88 U	93 U	93 U	93 U	96 U	93 U	85 U	96 U	230 U
C11-C22 AROMATICS (WEIGHTED 1.0)	NA	NA	NA	NA	NA	NA	NA	NA	230 U
C11-C22 AROMATICS-UNADJ	NA	NA	NA	NA	NA	NA	NA	NA	NA
C19-C36 ALIPHATICS	42 U	44 U	76	49	45 U	44 U	40 U	45 U	94 U
C19-C36 ALIPHATICS (WEIGHTED 0.005)	NA	NA	NA	NA	NA	NA	NA	NA	0.47 U
C9-C18 ALIPHATICS	31 U	33 U	33 U	33 U	34 U	33 U	30 U	34 U	120 U
C9-C18 ALIPHATICS (WEIGHTED 0.05)	NA	NA	NA	NA	NA	NA	NA	NA	6 U
EXTRACTABLE PETROLEUM HYDROCARBONS	NA	NA	NA	NA	NA	NA	NA	NA	NA
POLYCYCLIC AROMATIC HYDROCARBONS (UG/L)									
1,1-BIPHENYL	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-METHYLNAPHTHALENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-METHYLPHENANTHRENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,5-TRIMETHYLNAPHTHALENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6-DIMETHYLNAPHTHALENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(E)PYRENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIBENZOTHIOPHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
PERYLENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
TOTAL METHYLNAPHTHALENES	NA	NA	NA	NA	NA	NA	NA	NA	0.2 U
PESTICIDES/PCBS (UG/L)									
4,4'-DDD	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDT	NA	NA	NA	NA	NA	NA	NA	NA	NA

LIGHT SHADING-DETECTED; U-NOT DETECTED; J-QUANTITATION APPROXIMATE; R-REJECTED; NA-NOT ANALYZED

SAMPLE ID	AGGW01AA	AGGW02AA	AGGW02AA-D	AGGW02AA-AVG	AGGW03AA	AGGW04AA	AGGW05AA	AGGW06AA	B116-OGW1A
LOCATION ID	AVG-MW-1	AVG-MW-2	AVG-MW-2	AVG-MW-2	AVG-MW-3	AVG-MW-4	AVG-MW-5	AVG-MW-6	B116-MW-01
SAMPLE DATE	02/15/00	02/15/00	02/15/00	02/15/00	02/15/00	02/15/00	02/15/00	02/15/00	03/20/97
SACODE			DUPLICATE	AVERAGE					
ALDRIN	NA	NA	NA	NA	NA	NA	NA	NA	NA
ALPHA-BHC	NA	NA	NA	NA	NA	NA	NA	NA	NA
ALPHA-CHLORDANE	NA	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1016	NA	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1221	NA	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1232	NA	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1242	NA	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1248	NA	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1254	NA	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1260	NA	NA	NA	NA	NA	NA	NA	NA	NA
BETA-BHC	NA	NA	NA	NA	NA	NA	NA	NA	NA
DELTA-BHC	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIELDRIN	NA	NA	NA	NA	NA	NA	NA	NA	NA
ENDOSULFAN I	NA	NA	NA	NA	NA	NA	NA	NA	NA
ENDOSULFAN II	NA	NA	NA	NA	NA	NA	NA	NA	NA
ENDOSULFAN SULFATE	NA	NA	NA	NA	NA	NA	NA	NA	NA
ENDRIN	NA	NA	NA	NA	NA	NA	NA	NA	NA
ENDRIN ALDEHYDE	NA	NA	NA	NA	NA	NA	NA	NA	NA
ENDRIN KETONE	NA	NA	NA	NA	NA	NA	NA	NA	NA
GAMMA-BHC (LINDANE)	NA	NA	NA	NA	NA	NA	NA	NA	NA
GAMMA-CHLORDANE	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEPTACHLOR	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEPTACHLOR EPOXIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA
METHOXYCHLOR	NA	NA	NA	NA	NA	NA	NA	NA	NA
TOXAPHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
METALS (UG/L)									
ALUMINUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
ANTIMONY	NA	NA	NA	NA	NA	NA	NA	NA	NA
ARSENIC	NA	NA	NA	NA	NA	NA	NA	NA	1.7 UJ

ATTACHMENT 2
ANALYTICAL RESULTS - GROUNDWATER
INDUSTRIAL OPERATIONS AREA
NAS SOUTH WEYMOUTH, WEYMOUTH, MASSACHUSETTS

SAMPLE ID	AGGW01AA	AGGW02AA	AGGW02AA-D	AGGW02AA-AVG	AGGW03AA	AGGW04AA	AGGW05AA	AGGW06AA	B116-OGW1A
LOCATION ID	AVG-MW-1	AVG-MW-2	AVG-MW-2	AVG-MW-2	AVG-MW-3	AVG-MW-4	AVG-MW-5	AVG-MW-6	B116-MW-01
SAMPLE DATE	02/15/00	02/15/00	02/15/00	02/15/00	02/15/00	02/15/00	02/15/00	02/15/00	03/20/97
SACODE			DUPLICATE	AVERAGE					
BARIUM	NA	NA	NA	NA	NA	NA	NA	NA	9.3
BERYLLIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
CADMIUM	NA	NA	NA	NA	NA	NA	NA	NA	0.2 U
CALCIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHROMIUM	NA	NA	NA	NA	NA	NA	NA	NA	0.5 U
COBALT	NA	NA	NA	NA	NA	NA	NA	NA	NA
COPPER	NA	NA	NA	NA	NA	NA	NA	NA	NA
IRON	NA	NA	NA	NA	NA	NA	NA	NA	NA
LEAD	NA	NA	NA	NA	NA	NA	NA	NA	3.5 U
MAGNESIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
MANGANESE	NA	NA	NA	NA	NA	NA	NA	NA	NA
MERCURY	NA	NA	NA	NA	NA	NA	NA	NA	0.1 U
NICKEL	NA	NA	NA	NA	NA	NA	NA	NA	NA
POTASSIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
SELENIUM	NA	NA	NA	NA	NA	NA	NA	NA	2.3 U
SILVER	NA	NA	NA	NA	NA	NA	NA	NA	0.8 U
SODIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
THALLIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
VANADIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
ZINC	NA	NA	NA	NA	NA	NA	NA	NA	NA
MISCELLANEOUS PARAMETERS (UG/L)									
CYANIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA
FIELD (C)									
TEMPERATURE	NA	NA	NA	NA	NA	NA	NA	NA	NA
FIELD (MG/L)									
DISSOLVED OXYGEN	NA	NA	NA	NA	NA	NA	NA	NA	NA
FIELD (MS/CM)									
CONDUCTIVITY	NA	NA	NA	NA	NA	NA	NA	NA	NA

LIGHT SHADING-DETECTED; U-NOT DETECTED; J-QUANTITATION APPROXIMATE; R-REJECTED; NA-NOT ANALYZED

ATTACHMENT 2
ANALYTICAL RESULTS - GROUNDWATER
INDUSTRIAL OPERATIONS AREA
NAS SOUTH WEYMOUTH, WEYMOUTH, MASSACHUSETTS

SAMPLE ID	AGGW01AA	AGGW02AA	AGGW02AA-D	AGGW02AA-AVG	AGGW03AA	AGGW04AA	AGGW05AA	AGGW06AA	B116-OGW1A
LOCATION ID	AVG-MW-1	AVG-MW-2	AVG-MW-2	AVG-MW-2	AVG-MW-3	AVG-MW-4	AVG-MW-5	AVG-MW-6	B116-MW-01
SAMPLE DATE	02/15/00	02/15/00	02/15/00	02/15/00	02/15/00	02/15/00	02/15/00	02/15/00	03/20/97
SACODE			DUPLICATE	AVERAGE					
SPECIFIC CONDUCTANCE	NA	NA	NA	NA	NA	NA	NA	NA	NA
FIELD (MV)									
OXIDATION REDUCTION POTENTIAL	NA	NA	NA	NA	NA	NA	NA	NA	NA
FIELD (NTU)									
TURBIDITY	NA	NA	NA	NA	NA	NA	NA	NA	NA
FIELD (S.U.)									
PH	NA	NA	NA	NA	NA	NA	NA	NA	NA
TCLP VOLATILES (UG/L)									
BENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA

LIGHT SHADING-DETECTED; U-NOT DETECTED; J-QUANTITATION APPROXIMATE; R-REJECTED; NA-NOT ANALYZED

ATTACHMENT 2
ANALYTICAL RESULTS - GROUNDWATER
INDUSTRIAL OPERATIONS AREA
NAS SOUTH WEYMOUTH, WEYMOUTH, MASSACHUSETTS

SAMPLE ID	B116-OGW1A-D	B116-OGW1A-	B116-OGW2A	B116-OGW3A	B116-OGW4A	B116GW04AA	B116GW04AB	B116-OGW5A	B116GW05AA
LOCATION ID	B116-MW-01	B116-MW-01	B116-MW-02	B116-MW-03	B116-MW-04	B116-MW-04	B116-MW-04	B116-MW-05	B116-MW-05
SAMPLE DATE	03/20/97	03/20/97	03/20/97	03/21/97	03/21/97	07/08/99	07/08/99	03/21/97	07/08/99
SACODE	DUPLICATE	AVERAGE							
VOLATILES (UG/L)									
1,1,1-TRICHLOROETHANE	NA	NA	NA	NA	NA	5 U	5 U	NA	NA
1,1,2,2-TETRACHLOROETHANE	NA	NA	NA	NA	NA	2 U	2 U	NA	NA
1,1,2-TRICHLOROETHANE	NA	NA	NA	NA	NA	3 U	3 U	NA	NA
1,1-DICHLOROETHANE	NA	NA	NA	NA	NA	5 U	5 U	NA	NA
1,1-DICHLOROETHENE	NA	NA	NA	NA	NA	2 U	2 U	NA	NA
1,2-DIBROMO-3-CHLOROPROPANE	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-DIBROMOETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-DICHLOROBENZENE	NA	NA	NA	NA	NA	5 U	5 U	NA	NA
1,2-DICHLOROETHANE	NA	NA	NA	NA	NA	2 UJ	2 UJ	NA	NA
1,2-DICHLOROPROPANE	NA	NA	NA	NA	NA	1 U	1 U	NA	NA
1,3-DICHLOROBENZENE	NA	NA	NA	NA	NA	5 U	5 U	NA	NA
1,4-DICHLOROBENZENE	NA	NA	NA	NA	NA	5 U	5 U	NA	NA
2-BUTANONE	NA	NA	NA	NA	NA	5 U	5 U	NA	NA
2-HEXANONE	NA	NA	NA	NA	NA	5 U	5 U	NA	NA
4-METHYL-2-PENTANONE	NA	NA	NA	NA	NA	5 U	5 U	NA	NA
ACETONE	NA	NA	NA	NA	NA	5.1	5 U	NA	NA
BENZENE	5 U	5 U	5 U	5 U	5 U	5 U	1 U	5 U	5 U
BROMODICHLOROMETHANE	NA	NA	NA	NA	NA	1 UJ	1 UJ	NA	NA
BROMOFORM	NA	NA	NA	NA	NA	4 UJ	4 UJ	NA	NA
BROMOMETHANE	NA	NA	NA	NA	NA	5 U	5 U	NA	NA
CARBON DISULFIDE	NA	NA	NA	NA	NA	4.5 J	2.6 J	NA	NA
CARBON TETRACHLORIDE	NA	NA	NA	NA	NA	1 U	1 U	NA	NA
CHLOROBENZENE	NA	NA	NA	NA	NA	2 U	2 U	NA	NA
CHLORODIBROMOMETHANE	NA	NA	NA	NA	NA	5 UJ	5 UJ	NA	NA
CHLOROETHANE	NA	NA	NA	NA	NA	5 U	5 U	NA	NA
CHLOROFORM	NA	NA	NA	NA	NA	5 U	5 U	NA	NA
CHLOROMETHANE	NA	NA	NA	NA	NA	5 U	5 U	NA	NA
CIS-1,2-DICHLOROETHENE	NA	NA	NA	NA	NA	5 U	5 U	NA	NA

LIGHT SHADING-DETECTED; U-NOT DETECTED; J-QUANTITATION APPROXIMATE; R-REJECTED; NA-NOT ANALYZED

ATTACHMENT 2
ANALYTICAL RESULTS - GROUNDWATER
INDUSTRIAL OPERATIONS AREA
NAS SOUTH WEYMOUTH, WEYMOUTH, MASSACHUSETTS

SAMPLE ID	B116-OGW1A-D	B116-OGW1A-	B116-OGW2A	B116-OGW3A	B116-OGW4A	B116GW04AA	B116GW04AB	B116-OGW5A	B116GW05AA
LOCATION ID	B116-MW-01	B116-MW-01	B116-MW-02	B116-MW-03	B116-MW-04	B116-MW-04	B116-MW-04	B116-MW-05	B116-MW-05
SAMPLE DATE	03/20/97	03/20/97	03/20/97	03/21/97	03/21/97	07/08/99	07/08/99	03/21/97	07/08/99
SACODE	DUPLICATE	AVERAGE							
CIS-1,3-DICHLOROPROPENE	NA	NA	NA	NA	NA	1 UJ	1 UJ	NA	NA
ETHYLBENZENE	5 U	5 U	5 U	5 U	5 U	1 U	1 U	5 U	5 U
M+P-XYLENES	NA	NA	NA	NA	NA	20 U	NA	NA	20 U
METHYL TERT-BUTYL ETHER	10 U	10 U	10 U	10 U	10 U	1 U	1 U	10 U	15 U
METHYLENE CHLORIDE	NA	NA	NA	NA	NA	2 U	2 U	NA	NA
O-XYLENE	10 U	10 U	10 U	10 U	10 U	10 U	NA	10 U	10 U
STYRENE	NA	NA	NA	NA	NA	5 U	5 U	NA	NA
TETRACHLOROETHENE	NA	NA	NA	NA	NA	1 U	1 U	NA	NA
TOLUENE	5 U	5 U	5 U	5 U	5 U	1 U	1 U	5 U	15 U
TOTAL 1,2-DICHLOROETHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
TOTAL XYLENES	5 U	5 U	5 U	5 U	5 U	1 U	1 U	5 U	NA
TRANS-1,2-DICHLOROETHENE	NA	NA	NA	NA	NA	5 U	5 U	NA	NA
TRANS-1,3-DICHLOROPROPENE	NA	NA	NA	NA	NA	1 UJ	1 UJ	NA	NA
TRICHLOROETHENE	NA	NA	NA	NA	NA	1 U	1 U	NA	NA
VINYL CHLORIDE	NA	NA	NA	NA	NA	1 U	1 U	NA	NA
VOLATILE PETROLEUM HYDROCARBONS	NA	NA	NA	NA	NA	20 U	NA	NA	20 U
VPH MADEP (UG/L)									
C5-C8 ALIPHATICS	40 U	40 U	160	40 U	40 U	20 U	NA	40 U	20 U
C5-C8 ALIPHATICS (WEIGHTED 0.5)	20 U	20 U	80	20 U	20 U	NA	NA	20 U	NA
C5-C8 ALIPHATICS-UNADJ	NA	NA	NA	NA	NA	NA	NA	NA	NA
C9-C10 AROMATICS	20 U	20 U	20 U	20 U	20 U	20 U	NA	39	NA
C9-C10 AROMATICS (WEIGHTED 1.0)	20 U	20 U	20 U	20 U	20 U	NA	NA	39	NA
C9-C12 ALIPHATICS	10 U	10 U	10 U	11	10 U	20 U	NA	39	20 U
C9-C12 ALIPHATICS (WEIGHTED 0.05)	0.5 U	0.5 U	0.5 U	0.57	0.5 U	NA	NA	2	NA
C9-C12 ALIPHATICS-UNADJ	NA	NA	NA	NA	NA	NA	NA	NA	NA
SEMIVOLATILES (UG/L)									
1,2,4-TRICHLOROBENZENE	NA	NA	NA	NA	NA	5 U	5 U	NA	NA
2,2'-OXYBIS(1-CHLOROPROPANE)	NA	NA	NA	NA	NA	5 U	5 U	NA	NA

LIGHT SHADING-DETECTED; U-NOT DETECTED; J-QUANTITATION APPROXIMATE; R-REJECTED; NA-NOT ANALYZED

ATTACHMENT 2
ANALYTICAL RESULTS - GROUNDWATER
INDUSTRIAL OPERATIONS AREA
NAS SOUTH WEYMOUTH, WEYMOUTH, MASSACHUSETTS

SAMPLE ID	B116-OGW1A-D	B116-OGW1A-	B116-OGW2A	B116-OGW3A	B116-OGW4A	B116GW04AA	B116GW04AB	B116-OGW5A	B116GW05AA
LOCATION ID	B116-MW-01	B116-MW-01	B116-MW-02	B116-MW-03	B116-MW-04	B116-MW-04	B116-MW-04	B116-MW-05	B116-MW-05
SAMPLE DATE	03/20/97	03/20/97	03/20/97	03/21/97	03/21/97	07/08/99	07/08/99	03/21/97	07/08/99
SACODE	DUPLICATE	AVERAGE							
2,4,5-TRICHLOROPHENOL	NA	NA	NA	NA	NA	5 U	5 U	NA	NA
2,4,6-TRICHLOROPHENOL	NA	NA	NA	NA	NA	5 UJ	5 UJ	NA	NA
2,4-DICHLOROPHENOL	NA	NA	NA	NA	NA	5 U	5 U	NA	NA
2,4-DIMETHYLPHENOL	NA	NA	NA	NA	NA	5 U	5 U	NA	NA
2,4-DINITROPHENOL	NA	NA	NA	NA	NA	20 U	20 U	NA	NA
2,4-DINITROTOLUENE	NA	NA	NA	NA	NA	5 U	5 U	NA	NA
2,6-DINITROTOLUENE	NA	NA	NA	NA	NA	5 U	5 U	NA	NA
2-CHLORONAPHTHALENE	NA	NA	NA	NA	NA	5 U	5 U	NA	NA
2-CHLOROPHENOL	NA	NA	NA	NA	NA	5 U	5 U	NA	NA
2-METHYLNAPHTHALENE	5 U	5 U	5 U	5 U	5 U	4 U	5 U	5 U	4 U
2-METHYLPHENOL	NA	NA	NA	NA	NA	5 U	5 U	NA	NA
2-NITROANILINE	NA	NA	NA	NA	NA	5 U	5 U	NA	NA
2-NITROPHENOL	NA	NA	NA	NA	NA	5 U	5 U	NA	NA
3&4-METHYLPHENOL	NA	NA	NA	NA	NA	5 U	5 U	NA	NA
3,3'-DICHLOROBENZIDINE	NA	NA	NA	NA	NA	5 U	5 U	NA	NA
3-NITROANILINE	NA	NA	NA	NA	NA	5 UJ	5 UJ	NA	NA
4,6-DINITRO-2-METHYLPHENOL	NA	NA	NA	NA	NA	20 UJ	20 UJ	NA	NA
4-BROMOPHENYL PHENYL ETHER	NA	NA	NA	NA	NA	5 U	5 U	NA	NA
4-CHLORO-3-METHYLPHENOL	NA	NA	NA	NA	NA	5 U	5 U	NA	NA
4-CHLOROANILINE	NA	NA	NA	NA	NA	5 U	5 U	NA	NA
4-CHLOROPHENYL PHENYL ETHER	NA	NA	NA	NA	NA	5 U	5 U	NA	NA
4-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-NITROANILINE	NA	NA	NA	NA	NA	5 U	5 U	NA	NA
4-NITROPHENOL	NA	NA	NA	NA	NA	20 U	20 U	NA	NA
ACENAPHTHENE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	4 U	5 U	7	4 U
ACENAPHTHYLENE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	4 U	5 U	0.1 J	4 U
ANTHRACENE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	4 U	5 U	0.2 U	4 U
BENZO(A)ANTHRACENE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	4 U	5 U	0.2 U	4 U
BENZO(A)PYRENE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	4 U	5 U	0.2 U	4 U

LIGHT SHADING-DETECTED; U-NOT DETECTED; J-QUANTITATION APPROXIMATE; R-REJECTED; NA-NOT ANALYZED

SAMPLE ID	B116-OGW1A-D	B116-OGW1A-	B116-OGW2A	B116-OGW3A	B116-OGW4A	B116GW04AA	B116GW04AB	B116-OGW5A	B116GW05AA
LOCATION ID	B116-MW-01	B116-MW-01	B116-MW-02	B116-MW-03	B116-MW-04	B116-MW-04	B116-MW-04	B116-MW-05	B116-MW-05
SAMPLE DATE	03/20/97	03/20/97	03/20/97	03/21/97	03/21/97	07/08/99	07/08/99	03/21/97	07/08/99
SACODE	DUPLICATE	AVERAGE							
BENZO(B)FLUORANTHENE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	4 U	5 U	0.2 U	4 U
BENZO(G,H,I)PERYLENE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	4 U	5 U	0.2 U	4 U
BENZO(K)FLUORANTHENE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	4 U	5 U	0.2 U	4 U
BIS(2-CHLOROETHOXY)METHANE	NA	NA	NA	NA	NA	5 U	5 U	NA	NA
BIS(2-CHLOROETHYL)ETHER	NA	NA	NA	NA	NA	5 U	5 U	NA	NA
BIS(2-ETHYLHEXYL)PHTHALATE	NA	NA	NA	NA	NA	1.1 J	1 J	NA	NA
BUTYL BENZYL PHTHALATE	NA	NA	NA	NA	NA	5 U	5 U	NA	NA
CARBAZOLE	NA	NA	NA	NA	NA	5 U	5 U	NA	NA
CHRYSENE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	4 U	5 U	0.2 U	4 U
DIBENZO(A,H)ANTHRACENE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	4 U	5 U	0.2 U	4 U
DIBENZOFURAN	NA	NA	NA	NA	NA	5 U	5 U	NA	NA
DIETHYL PHTHALATE	NA	NA	NA	NA	NA	5 U	5 U	NA	NA
DIMETHYL PHTHALATE	NA	NA	NA	NA	NA	5 U	5 U	NA	NA
DI-N-BUTYL PHTHALATE	NA	NA	NA	NA	NA	5 U	5 U	NA	NA
DI-N-OCTYL PHTHALATE	NA	NA	NA	NA	NA	5 U	5 U	NA	NA
FLUORANTHENE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	4 U	5 U	0.2 U	4 U
FLUORENE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	4 U	5 U	3	4 U
HEXACHLOROBENZENE	NA	NA	NA	NA	NA	5 U	5 U	NA	NA
HEXACHLOROBUTADIENE	NA	NA	NA	NA	NA	5 U	5 U	NA	NA
HEXACHLOROCYCLOPENTADIENE	NA	NA	NA	NA	NA	20 U	20 U	NA	NA
HEXACHLOROETHANE	NA	NA	NA	NA	NA	5 U	5 U	NA	NA
INDENO(1,2,3-CD)PYRENE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	4 U	5 U	0.2 U	4 U
ISOPHORONE	NA	NA	NA	NA	NA	5 U	5 U	NA	NA
NAPHTHALENE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	4 U	5 U	25	4 U
NITROBENZENE	NA	NA	NA	NA	NA	5 U	5 U	NA	NA
N-NITROSO-DI-N-PROPYLAMINE	NA	NA	NA	NA	NA	5 U	5 U	NA	NA
N-NITROSODIPHENYLAMINE	NA	NA	NA	NA	NA	5 U	5 U	NA	NA
PENTACHLOROPHENOL	NA	NA	NA	NA	NA	20 UJ	20 UJ	NA	NA
PHENANTHRENE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	4 U	5 U	0.5	4 U

LIGHT SHADING-DETECTED; U-NOT DETECTED; J-QUANTITATION APPROXIMATE; R-REJECTED; NA-NOT ANALYZED

SAMPLE ID	B116-OGW1A-D	B116-OGW1A-	B116-OGW2A	B116-OGW3A	B116-OGW4A	B116GW04AA	B116GW04AB	B116-OGW5A	B116GW05AA
LOCATION ID	B116-MW-01	B116-MW-01	B116-MW-02	B116-MW-03	B116-MW-04	B116-MW-04	B116-MW-04	B116-MW-05	B116-MW-05
SAMPLE DATE	03/20/97	03/20/97	03/20/97	03/21/97	03/21/97	07/08/99	07/08/99	03/21/97	07/08/99
SACODE	DUPLICATE	AVERAGE							
PHENOL	NA	NA	NA	NA	NA	5 U	5 U	NA	NA
PYRENE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	4 U	5 U	0.2 U	4 U
EPH MADEP (UG/L)									
C10-C22 AROMATICS	NA	NA	NA	NA	NA	NA	NA	NA	NA
C11-C22 AROMATICS	240 U	230 U	230 U	200 U	190 U	100 U	NA	220 U	100 U
C11-C22 AROMATICS (WEIGHTED 1.0)	240 U	230 U	230 U	200 U	190 U	NA	NA	220 U	NA
C11-C22 AROMATICS-UNADJ	NA	NA	NA	NA	NA	NA	NA	NA	NA
C19-C36 ALIPHATICS	97 U	94 U	95 U	75 U	98 U	NA	NA	96 U	NA
C19-C36 ALIPHATICS (WEIGHTED 0.005)	0.49 U	0.47 U	0.48 U	0.37 U	0.49 U	NA	NA	0.48 U	NA
C9-C18 ALIPHATICS	130 U	120 U	130 U	73 U	84 U	NA	NA	89 U	NA
C9-C18 ALIPHATICS (WEIGHTED 0.05)	6.6 U	6 U	6.6 U	3.6 U	4.2 U	NA	NA	4.5 U	NA
EXTRACTABLE PETROLEUM HYDROCARBONS	NA	NA	NA	NA	NA	NA	NA	NA	NA
POLYCYCLIC AROMATIC HYDROCARBONS (UG/L)									
1,1-BIPHENYL	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-METHYLNAPHTHALENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-METHYLPHENANTHRENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,5-TRIMETHYLNAPHTHALENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6-DIMETHYLNAPHTHALENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(E)PYRENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIBENZOTHIOPHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
PERYLENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
TOTAL METHYLNAPHTHALENES	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NA	NA	0.2	NA
PESTICIDES/PCBS (UG/L)									
4,4'-DDD	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDT	NA	NA	NA	NA	NA	NA	NA	NA	NA

LIGHT SHADING-DETECTED; U-NOT DETECTED; J-QUANTITATION APPROXIMATE; R-REJECTED; NA-NOT ANALYZED

ATTACHMENT 2
ANALYTICAL RESULTS - GROUNDWATER
INDUSTRIAL OPERATIONS AREA
NAS SOUTH WEYMOUTH, WEYMOUTH, MASSACHUSETTS

SAMPLE ID	B116-OGW1A-D	B116-OGW1A-	B116-OGW2A	B116-OGW3A	B116-OGW4A	B116GW04AA	B116GW04AB	B116-OGW5A	B116GW05AA
LOCATION ID	B116-MW-01	B116-MW-01	B116-MW-02	B116-MW-03	B116-MW-04	B116-MW-04	B116-MW-04	B116-MW-05	B116-MW-05
SAMPLE DATE	03/20/97	03/20/97	03/20/97	03/21/97	03/21/97	07/08/99	07/08/99	03/21/97	07/08/99
SACODE	DUPLICATE	AVERAGE							
ALDRIN	NA	NA	NA	NA	NA	NA	NA	NA	NA
ALPHA-BHC	NA	NA	NA	NA	NA	NA	NA	NA	NA
ALPHA-CHLORDANE	NA	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1016	NA	NA	NA	NA	NA	0.5 U	0.5 U	NA	NA
AROCLOR-1221	NA	NA	NA	NA	NA	0.5 U	0.5 U	NA	NA
AROCLOR-1232	NA	NA	NA	NA	NA	0.5 U	0.5 U	NA	NA
AROCLOR-1242	NA	NA	NA	NA	NA	0.5 U	0.5 U	NA	NA
AROCLOR-1248	NA	NA	NA	NA	NA	0.5 U	0.5 U	NA	NA
AROCLOR-1254	NA	NA	NA	NA	NA	0.5 U	0.5 U	NA	NA
AROCLOR-1260	NA	NA	NA	NA	NA	0.5 U	0.5 U	NA	NA
BETA-BHC	NA	NA	NA	NA	NA	NA	NA	NA	NA
DELTA-BHC	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIELDRIN	NA	NA	NA	NA	NA	NA	NA	NA	NA
ENDOSULFAN I	NA	NA	NA	NA	NA	NA	NA	NA	NA
ENDOSULFAN II	NA	NA	NA	NA	NA	NA	NA	NA	NA
ENDOSULFAN SULFATE	NA	NA	NA	NA	NA	NA	NA	NA	NA
ENDRIN	NA	NA	NA	NA	NA	NA	NA	NA	NA
ENDRIN ALDEHYDE	NA	NA	NA	NA	NA	NA	NA	NA	NA
ENDRIN KETONE	NA	NA	NA	NA	NA	NA	NA	NA	NA
GAMMA-BHC (LINDANE)	NA	NA	NA	NA	NA	NA	NA	NA	NA
GAMMA-CHLORDANE	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEPTACHLOR	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEPTACHLOR EPOXIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA
METHOXYCHLOR	NA	NA	NA	NA	NA	NA	NA	NA	NA
TOXAPHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
METALS (UG/L)									
ALUMINUM	NA	NA	NA	NA	NA	296 U	200 U	NA	NA
ANTIMONY	NA	NA	NA	NA	NA	5 U	5 U	NA	NA
ARSENIC	1.7 UJ	1.7 UJ	1.7 UJ	1.7 UJ	1.7 UJ	7.1	5 U	1.7 UJ	NA

LIGHT SHADING-DETECTED; U-NOT DETECTED; J-QUANTITATION APPROXIMATE; R-REJECTED; NA-NOT ANALYZED

ATTACHMENT 2
ANALYTICAL RESULTS - GROUNDWATER
INDUSTRIAL OPERATIONS AREA
NAS SOUTH WEYMOUTH, WEYMOUTH, MASSACHUSETTS

SAMPLE ID	B116-OGW1A-D	B116-OGW1A-	B116-OGW2A	B116-OGW3A	B116-OGW4A	B116GW04AA	B116GW04AB	B116-OGW5A	B116GW05AA
LOCATION ID	B116-MW-01	B116-MW-01	B116-MW-02	B116-MW-03	B116-MW-04	B116-MW-04	B116-MW-04	B116-MW-05	B116-MW-05
SAMPLE DATE	03/20/97	03/20/97	03/20/97	03/21/97	03/21/97	07/08/99	07/08/99	03/21/97	07/08/99
SACODE	DUPLICATE	AVERAGE							
BARIUM	9.4	9.35	16.7	34.9	57.7	200 U	200 U	118	NA
BERYLLIUM	NA	NA	NA	NA	NA	4 U	4 U	NA	NA
CADMIUM	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	4 U	4 U	0.2 U	NA
CALCIUM	NA	NA	NA	NA	NA	5000 U	5000 U	NA	NA
CHROMIUM	0.5 U	0.5 U	1.2	1.3	1	10 U	10 U	1.3	NA
COBALT	NA	NA	NA	NA	NA	50 U	50 U	NA	NA
COPPER	NA	NA	NA	NA	NA	25 U	25 U	NA	NA
IRON	NA	NA	NA	NA	NA	234	184 U	NA	NA
LEAD	2.2 U	3.5 U	6.7 U	3.6 U	4 U	3 UJ	46 J	2.5 U	NA
MAGNESIUM	NA	NA	NA	NA	NA	5000 U	5000 U	NA	NA
MANGANESE	NA	NA	NA	NA	NA	29.1 J	69 J	NA	NA
MERCURY	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.2 U	0.2 U	0.1 U	NA
NICKEL	NA	NA	NA	NA	NA	40 U	40 U	NA	NA
POTASSIUM	NA	NA	NA	NA	NA	5000 U	5000 U	NA	NA
SELENIUM	2.6 J	1.875	2.3 U	2.3 U	2.3 U	5 U	5 U	2.3 U	NA
SILVER	0.8 U	0.8 U	0.8 U	1 J	0.8 U	10 U	10 U	1.4 J	NA
SODIUM	NA	NA	NA	NA	NA	26400	28000	NA	NA
THALLIUM	NA	NA	NA	NA	NA	2 U	2 U	NA	NA
VANADIUM	NA	NA	NA	NA	NA	50 U	50 U	NA	NA
ZINC	NA	NA	NA	NA	NA	74.3	56.8	NA	NA
MISCELLANEOUS PARAMETERS (UG/L)									
CYANIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA
FIELD (C)									
TEMPERATURE	NA	NA	NA	NA	NA	NA	NA	NA	NA
FIELD (MG/L)									
DISSOLVED OXYGEN	NA	NA	NA	NA	NA	NA	NA	NA	NA
FIELD (MS/CM)									
CONDUCTIVITY	NA	NA	NA	NA	NA	NA	NA	NA	NA

LIGHT SHADING-DETECTED; U-NOT DETECTED; J-QUANTITATION APPROXIMATE; R-REJECTED; NA-NOT ANALYZED

ATTACHMENT 2
ANALYTICAL RESULTS - GROUNDWATER
INDUSTRIAL OPERATIONS AREA
NAS SOUTH WEYMOUTH, WEYMOUTH, MASSACHUSETTS

SAMPLE ID	B116-OGW1A-D	B116-OGW1A-	B116-OGW2A	B116-OGW3A	B116-OGW4A	B116GW04AA	B116GW04AB	B116-OGW5A	B116GW05AA
LOCATION ID	B116-MW-01	B116-MW-01	B116-MW-02	B116-MW-03	B116-MW-04	B116-MW-04	B116-MW-04	B116-MW-05	B116-MW-05
SAMPLE DATE	03/20/97	03/20/97	03/20/97	03/21/97	03/21/97	07/08/99	07/08/99	03/21/97	07/08/99
SACODE	DUPLICATE	AVERAGE							
SPECIFIC CONDUCTANCE	NA	NA	NA	NA	NA	NA	NA	NA	NA
FIELD (MV)									
OXIDATION REDUCTION POTENTIAL	NA	NA	NA	NA	NA	NA	NA	NA	NA
FIELD (NTU)									
TURBIDITY	NA	NA	NA	NA	NA	NA	NA	NA	NA
FIELD (S.U.)									
PH	NA	NA	NA	NA	NA	NA	NA	NA	NA
TCLP VOLATILES (UG/L)									
BENZENE	NA	NA	NA	NA	NA	1 U	NA	NA	NA

LIGHT SHADING-DETECTED; U-NOT DETECTED; J-QUANTITATION APPROXIMATE; R-REJECTED; NA-NOT ANALYZED

SAMPLE ID	B116GW05AB	OGW6A-AA96712	OGW6A-AA96712A	OGW6A-AA96712B	OGW6A-AA96712A-D	OGW6A-AA96712B-D	OGW6A-AA96712-D	OGW6A-AA96712A-	OGW6A-AA96712-
LOCATION ID	B116-MW-05	B116-MW-06	B116-MW-06	B116-MW-06	B116-MW-06	B116-MW-06	B116-MW-06	B116-MW-06	B116-MW-06
SAMPLE DATE	07/08/99	02/03/98	02/03/98	02/03/98	02/03/98	02/03/98	02/03/98	02/03/98	02/03/98
SACODE					DUPLICATE	DUPLICATE	DUPLICATE	AVERAGE	AVERAGE
VOLATILES (UG/L)									
1,1,1-TRICHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-TETRACHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-TRICHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-DICHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-DICHLOROETHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-DIBROMO-3-CHLOROPROPANE	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-DIBROMOETHANE	NA	NA	NA	1 U	NA	1 U	NA	NA	NA
1,2-DICHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-DICHLOROPROPANE	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-BUTANONE	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-HEXANONE	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-METHYL-2-PENTANONE	NA	NA	NA	NA	NA	NA	NA	NA	NA
ACETONE	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZENE	5 U	5 U	NA	1 U	NA	1 U	5 U	NA	5 U
BROMODICHLOROMETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA
BROMOFORM	NA	NA	NA	NA	NA	NA	NA	NA	NA
BROMOMETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA
CARBON DISULFIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA
CARBON TETRACHLORIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHLORODIBROMOMETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHLOROFORM	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHLOROMETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA
CIS-1,2-DICHLOROETHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA

SAMPLE ID	B116GW05AB	OGW6A-AA96712	OGW6A-AA96712A	OGW6A-AA96712B	OGW6A-AA96712A-D	OGW6A-AA96712B-D	OGW6A-AA96712-D	OGW6A-AA96712A-	OGW6A-AA96712-
LOCATION ID	B116-MW-05	B116-MW-06	B116-MW-06	B116-MW-06	B116-MW-06	B116-MW-06	B116-MW-06	B116-MW-06	B116-MW-06
SAMPLE DATE	07/08/99	02/03/98	02/03/98	02/03/98	02/03/98	02/03/98	02/03/98	02/03/98	02/03/98
SACODE					DUPLICATE	DUPLICATE	DUPLICATE	AVERAGE	AVERAGE
CIS-1,3-DICHLOROPROPENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
ETHYLBENZENE	5 U	5 U	NA	1 U	NA	1 U	5 U	NA	5 U
M+P-XYLENES	20 U	5 U	NA	2 U	NA	2 U	5 U	NA	5 U
METHYL TERT-BUTYL ETHER	15 U	5 U	NA	2.9	NA	2.6	5 U	NA	5 U
METHYLENE CHLORIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA
O-XYLENE	10 U	5 U	NA	1 U	NA	1 U	5 U	NA	5 U
STYRENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
TETRACHLOROETHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
TOLUENE	15 U	5 U	NA	1 U	NA	1 U	5 U	NA	5 U
TOTAL 1,2-DICHLOROETHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
TOTAL XYLENES	NA	NA	NA	NA	NA	NA	NA	NA	NA
TRANS-1,2-DICHLOROETHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
TRANS-1,3-DICHLOROPROPENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
TRICHLOROETHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
VINYL CHLORIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOLATILE PETROLEUM HYDROCARBONS	NA	NA	NA	NA	NA	NA	NA	NA	NA
VPH MADEP (UG/L)									
C5-C8 ALIPHATICS	20 U	200 U	NA	NA	NA	NA	200 U	NA	200 U
C5-C8 ALIPHATICS (WEIGHTED 0.5)	NA	NA	NA	NA	NA	NA	NA	NA	NA
C5-C8 ALIPHATICS-UNADJ	NA	NA	NA	NA	NA	NA	NA	NA	NA
C9-C10 AROMATICS	NA	200 U	NA	NA	NA	NA	200 U	NA	200 U
C9-C10 AROMATICS (WEIGHTED 1.0)	NA	NA	NA	NA	NA	NA	NA	NA	NA
C9-C12 ALIPHATICS	20 U	200 U	NA	NA	NA	NA	200 U	NA	200 U
C9-C12 ALIPHATICS (WEIGHTED 0.05)	NA	NA	NA	NA	NA	NA	NA	NA	NA
C9-C12 ALIPHATICS-UNADJ	NA	NA	NA	NA	NA	NA	NA	NA	NA
SEMIVOLATILES (UG/L)									
1,2,4-TRICHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,2'-OXYBIS(1-CHLOROPROPANE)	NA	NA	NA	NA	NA	NA	NA	NA	NA

LIGHT SHADING-DETECTED; U-NOT DETECTED; J-QUANTITATION APPROXIMATE; R-REJECTED; NA-NOT ANALYZED

SAMPLE ID	B116GW05AB	OGW6A-AA96712	OGW6A-AA96712A	OGW6A-AA96712B	OGW6A-AA96712A-D	OGW6A-AA96712B-D	OGW6A-AA96712-D	OGW6A-AA96712A-	OGW6A-AA96712-
LOCATION ID	B116-MW-05	B116-MW-06	B116-MW-06	B116-MW-06	B116-MW-06	B116-MW-06	B116-MW-06	B116-MW-06	B116-MW-06
SAMPLE DATE	07/08/99	02/03/98	02/03/98	02/03/98	02/03/98	02/03/98	02/03/98	02/03/98	02/03/98
SACODE					DUPLICATE	DUPLICATE	DUPLICATE	AVERAGE	AVERAGE
2,4,5-TRICHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,6-TRICHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-DICHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-DIMETHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-DINITROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-DINITROTOLUENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6-DINITROTOLUENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-CHLORONAPHTHALENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-CHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-METHYLNAPHTHALENE	4.1 U	NA	1 U	NA	1 U	NA	NA	1 U	NA
2-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-NITROANILINE	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-NITROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA
3&4-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,3'-DICHLOROBENZIDINE	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-NITROANILINE	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,6-DINITRO-2-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-BROMOPHENYL PHENYL ETHER	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-CHLORO-3-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-CHLOROANILINE	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-CHLOROPHENYL PHENYL ETHER	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-NITROANILINE	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-NITROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA
ACENAPHTHENE	4.1 U	NA	1 U	NA	1 U	NA	NA	1 U	NA
ACENAPHTHYLENE	4.1 U	NA	1 U	NA	1 U	NA	NA	1 U	NA
ANTHRACENE	4.1 U	NA	1 U	NA	1 U	NA	NA	1 U	NA
BENZO(A)ANTHRACENE	4.1 U	NA	1 U	NA	1 U	NA	NA	1 U	NA
BENZO(A)PYRENE	4.1 U	NA	1 U	NA	1 U	NA	NA	1 U	NA

LIGHT SHADING-DETECTED; U-NOT DETECTED; J-QUANTITATION APPROXIMATE; R-REJECTED; NA-NOT ANALYZED

SAMPLE ID	B116GW05AB	OGW6A-AA96712	OGW6A-AA96712A	OGW6A-AA96712B	OGW6A-AA96712A-D	OGW6A-AA96712B-D	OGW6A-AA96712-D	OGW6A-AA96712A-	OGW6A-AA96712-
LOCATION ID	B116-MW-05	B116-MW-06	B116-MW-06	B116-MW-06	B116-MW-06	B116-MW-06	B116-MW-06	B116-MW-06	B116-MW-06
SAMPLE DATE	07/08/99	02/03/98	02/03/98	02/03/98	02/03/98	02/03/98	02/03/98	02/03/98	02/03/98
SACODE					DUPLICATE	DUPLICATE	DUPLICATE	AVERAGE	AVERAGE
BENZO(B)FLUORANTHENE	4.1 U	NA	1 U	NA	1 U	NA	NA	1 U	NA
BENZO(G,H,I)PERYLENE	4.1 U	NA	1 U	NA	1 U	NA	NA	1 U	NA
BENZO(K)FLUORANTHENE	4.1 U	NA	1 U	NA	1 U	NA	NA	1 U	NA
BIS(2-CHLOROETHOXY)METHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA
BIS(2-CHLOROETHYL)ETHER	NA	NA	NA	NA	NA	NA	NA	NA	NA
BIS(2-ETHYLHEXYL)PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA
BUTYL BENZYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA
CARBAZOLE	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHRYSENE	4.1 U	NA	1 U	NA	1 U	NA	NA	1 U	NA
DIBENZO(A,H)ANTHRACENE	4.1 U	NA	1 U	NA	1 U	NA	NA	1 U	NA
DIBENZOFURAN	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIETHYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIMETHYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA
DI-N-BUTYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA
DI-N-OCTYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA
FLUORANTHENE	4.1 U	NA	1 U	NA	1 U	NA	NA	1 U	NA
FLUORENE	4.1 U	NA	1 U	NA	1 U	NA	NA	1 U	NA
HEXACHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEXACHLOROBUTADIENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEXACHLOROCYCLOPENTADIENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEXACHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA
INDENO(1,2,3-CD)PYRENE	4.1 U	NA	1 U	NA	1 U	NA	NA	1 U	NA
ISOPHORONE	NA	NA	NA	NA	NA	NA	NA	NA	NA
NAPHTHALENE	4.1 U	5 U	1 U	NA	1 U	NA	5 U	1 U	5 U
NITROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-NITROSO-DI-N-PROPYLAMINE	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-NITROSODIPHENYLAMINE	NA	NA	NA	NA	NA	NA	NA	NA	NA
PENTACHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA
PHENANTHRENE	4.1 U	NA	1 U	NA	1 U	NA	NA	1 U	NA

SAMPLE ID	B116GW05AB	OGW6A-AA96712	OGW6A-AA96712A	OGW6A-AA96712B	OGW6A-AA96712A-D	OGW6A-AA96712B-D	OGW6A-AA96712-D	OGW6A-AA96712A-	OGW6A-AA96712-
LOCATION ID	B116-MW-05	B116-MW-06	B116-MW-06	B116-MW-06	B116-MW-06	B116-MW-06	B116-MW-06	B116-MW-06	B116-MW-06
SAMPLE DATE	07/08/99	02/03/98	02/03/98	02/03/98	02/03/98	02/03/98	02/03/98	02/03/98	02/03/98
SACODE					DUPLICATE	DUPLICATE	DUPLICATE	AVERAGE	AVERAGE
PHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA
PYRENE	4.1 U	NA	1 U	NA	1 U	NA	NA	1 U	NA
EPH MADEP (UG/L)									
C10-C22 AROMATICS	NA	NA	NA	NA	NA	NA	NA	NA	NA
C11-C22 AROMATICS	100 U	NA	200 U	NA	200 U	NA	NA	200 U	NA
C11-C22 AROMATICS (WEIGHTED 1.0)	NA	NA	NA	NA	NA	NA	NA	NA	NA
C11-C22 AROMATICS-UNADJ	NA	NA	NA	NA	NA	NA	NA	NA	NA
C19-C36 ALIPHATICS	NA	NA	200 U	NA	200 U	NA	NA	200 U	NA
C19-C36 ALIPHATICS (WEIGHTED 0.005)	NA	NA	NA	NA	NA	NA	NA	NA	NA
C9-C18 ALIPHATICS	NA	NA	200 U	NA	200 U	NA	NA	200 U	NA
C9-C18 ALIPHATICS (WEIGHTED 0.05)	NA	NA	NA	NA	NA	NA	NA	NA	NA
EXTRACTABLE PETROLEUM HYDROCARBONS	NA	NA	NA	NA	NA	NA	NA	NA	NA
POLYCYCLIC AROMATIC HYDROCARBONS (UG/L)									
1,1-BIPHENYL	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-METHYLNAPHTHALENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-METHYLPHENANTHRENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,5-TRIMETHYLNAPHTHALENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6-DIMETHYLNAPHTHALENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(E)PYRENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIBENZOTHIOPHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
PERYLENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
TOTAL METHYLNAPHTHALENES	NA	NA	NA	NA	NA	NA	NA	NA	NA
PESTICIDES/PCBS (UG/L)									
4,4'-DDD	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDT	NA	NA	NA	NA	NA	NA	NA	NA	NA

SAMPLE ID	B116GW05AB	OGW6A-AA96712	OGW6A-AA96712A	OGW6A-AA96712B	OGW6A-AA96712A-D	OGW6A-AA96712B-D	OGW6A-AA96712-D	OGW6A-AA96712A-	OGW6A-AA96712-
LOCATION ID	B116-MW-05	B116-MW-06	B116-MW-06	B116-MW-06	B116-MW-06	B116-MW-06	B116-MW-06	B116-MW-06	B116-MW-06
SAMPLE DATE	07/08/99	02/03/98	02/03/98	02/03/98	02/03/98	02/03/98	02/03/98	02/03/98	02/03/98
SACODE					DUPLICATE	DUPLICATE	DUPLICATE	AVERAGE	AVERAGE
ALDRIN	NA	NA	NA	NA	NA	NA	NA	NA	NA
ALPHA-BHC	NA	NA	NA	NA	NA	NA	NA	NA	NA
ALPHA-CHLORDANE	NA	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1016	NA	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1221	NA	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1232	NA	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1242	NA	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1248	NA	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1254	NA	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1260	NA	NA	NA	NA	NA	NA	NA	NA	NA
BETA-BHC	NA	NA	NA	NA	NA	NA	NA	NA	NA
DELTA-BHC	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIELDRIN	NA	NA	NA	NA	NA	NA	NA	NA	NA
ENDOSULFAN I	NA	NA	NA	NA	NA	NA	NA	NA	NA
ENDOSULFAN II	NA	NA	NA	NA	NA	NA	NA	NA	NA
ENDOSULFAN SULFATE	NA	NA	NA	NA	NA	NA	NA	NA	NA
ENDRIN	NA	NA	NA	NA	NA	NA	NA	NA	NA
ENDRIN ALDEHYDE	NA	NA	NA	NA	NA	NA	NA	NA	NA
ENDRIN KETONE	NA	NA	NA	NA	NA	NA	NA	NA	NA
GAMMA-BHC (LINDANE)	NA	NA	NA	NA	NA	NA	NA	NA	NA
GAMMA-CHLORDANE	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEPTACHLOR	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEPTACHLOR EPOXIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA
METHOXYCHLOR	NA	NA	NA	NA	NA	NA	NA	NA	NA
TOXAPHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
METALS (UG/L)									
ALUMINUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
ANTIMONY	NA	NA	NA	NA	NA	NA	NA	NA	NA
ARSENIC	NA	NA	NA	NA	NA	NA	NA	NA	NA

SAMPLE ID	B116GW05AB	OGW6A-AA96712	OGW6A-AA96712A	OGW6A-AA96712B	OGW6A-AA96712A-D	OGW6A-AA96712B-D	OGW6A-AA96712-D	OGW6A-AA96712A-	OGW6A-AA96712-
LOCATION ID	B116-MW-05	B116-MW-06	B116-MW-06	B116-MW-06	B116-MW-06	B116-MW-06	B116-MW-06	B116-MW-06	B116-MW-06
SAMPLE DATE	07/08/99	02/03/98	02/03/98	02/03/98	02/03/98	02/03/98	02/03/98	02/03/98	02/03/98
SACODE					DUPLICATE	DUPLICATE	DUPLICATE	AVERAGE	AVERAGE
BARIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
BERYLLIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
CADMIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
CALCIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHROMIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
COBALT	NA	NA	NA	NA	NA	NA	NA	NA	NA
COPPER	NA	NA	NA	NA	NA	NA	NA	NA	NA
IRON	NA	NA	NA	NA	NA	NA	NA	NA	NA
LEAD	NA	NA	NA	NA	NA	NA	NA	NA	NA
MAGNESIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
MANGANESE	NA	NA	NA	NA	NA	NA	NA	NA	NA
MERCURY	NA	NA	NA	NA	NA	NA	NA	NA	NA
NICKEL	NA	NA	NA	NA	NA	NA	NA	NA	NA
POTASSIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
SELENIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
SILVER	NA	NA	NA	NA	NA	NA	NA	NA	NA
SODIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
THALLIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
VANADIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
ZINC	NA	NA	NA	NA	NA	NA	NA	NA	NA
MISCELLANEOUS PARAMETERS (UG/L)									
CYANIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA
FIELD (C)									
TEMPERATURE	NA	NA	NA	NA	NA	NA	NA	NA	NA
FIELD (MG/L)									
DISSOLVED OXYGEN	NA	NA	NA	NA	NA	NA	NA	NA	NA
FIELD (MS/CM)									
CONDUCTIVITY	NA	NA	NA	NA	NA	NA	NA	NA	NA

LIGHT SHADING-DETECTED; U-NOT DETECTED; J-QUANTITATION APPROXIMATE; R-REJECTED; NA-NOT ANALYZED

SAMPLE ID	B116GW05AB	OGW6A-AA96712	OGW6A-AA96712A	OGW6A-AA96712B	OGW6A-AA96712A-D	OGW6A-AA96712B-D	OGW6A-AA96712-D	OGW6A-AA96712A-	OGW6A-AA96712-
LOCATION ID	B116-MW-05	B116-MW-06	B116-MW-06	B116-MW-06	B116-MW-06	B116-MW-06	B116-MW-06	B116-MW-06	B116-MW-06
SAMPLE DATE	07/08/99	02/03/98	02/03/98	02/03/98	02/03/98	02/03/98	02/03/98	02/03/98	02/03/98
SACODE					DUPLICATE	DUPLICATE	DUPLICATE	AVERAGE	AVERAGE
SPECIFIC CONDUCTANCE	NA	NA	NA	NA	NA	NA	NA	NA	NA
FIELD (MV)									
OXIDATION REDUCTION POTENTIAL	NA	NA	NA	NA	NA	NA	NA	NA	NA
FIELD (NTU)									
TURBIDITY	NA	NA	NA	NA	NA	NA	NA	NA	NA
FIELD (S.U.)									
PH	NA	NA	NA	NA	NA	NA	NA	NA	NA
TCLP VOLATILES (UG/L)									
BENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA

LIGHT SHADING-DETECTED; U-NOT DETECTED; J-QUANTITATION APPROXIMATE; R-REJECTED; NA-NOT ANALYZED

SAMPLE ID	OGW6A-AA96712B-	OGW7A-AA96716	OGW7A-AA96716A	OGW7A-AA96716B	OGW8A-AA96717	OGW8A-AA96717A	B116GW08	B116GW08AA	OGW8A-AA96717B
LOCATION ID	B116-MW-06	B116-MW-07	B116-MW-07	B116-MW-07	B116-MW-08	B116-MW-08	B116-MW-08	B116-MW-08	B116-MW-08
SAMPLE DATE	02/03/98	02/03/98	02/03/98	02/03/98	02/03/98	02/03/98	07/08/99	07/08/99	01/01/99
SACODE	AVERAGE								
VOLATILES (UG/L)									
1,1,1-TRICHLOROETHANE	NA	NA	NA	NA	NA	NA	5 U	NA	NA
1,1,2,2-TETRACHLOROETHANE	NA	NA	NA	NA	NA	NA	2 U	NA	NA
1,1,2-TRICHLOROETHANE	NA	NA	NA	NA	NA	NA	3 U	NA	NA
1,1-DICHLOROETHANE	NA	NA	NA	NA	NA	NA	5 U	NA	NA
1,1-DICHLOROETHENE	NA	NA	NA	NA	NA	NA	2 U	NA	NA
1,2-DIBROMO-3-CHLOROPROPANE	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-DIBROMOETHANE	1 U	NA	NA	1 U	NA	NA	NA	NA	1 U
1,2-DICHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	5 U	NA
1,2-DICHLOROETHANE	NA	NA	NA	NA	NA	NA	2 UJ	NA	NA
1,2-DICHLOROPROPANE	NA	NA	NA	NA	NA	NA	1 U	NA	NA
1,3-DICHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	5 U	NA
1,4-DICHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	5 U	NA
2-BUTANONE	NA	NA	NA	NA	NA	NA	5 U	NA	NA
2-HEXANONE	NA	NA	NA	NA	NA	NA	5 U	NA	NA
4-METHYL-2-PENTANONE	NA	NA	NA	NA	NA	NA	5 U	NA	NA
ACETONE	NA	NA	NA	NA	NA	NA	5 U	NA	NA
BENZENE	1 U	5 U	NA	1 U	5 U	NA	1 U	NA	1 U
BROMODICHLOROMETHANE	NA	NA	NA	NA	NA	NA	1 UJ	NA	NA
BROMOFORM	NA	NA	NA	NA	NA	NA	4 UJ	NA	NA
BROMOMETHANE	NA	NA	NA	NA	NA	NA	5 U	NA	NA
CARBON DISULFIDE	NA	NA	NA	NA	NA	NA	5 U	NA	NA
CARBON TETRACHLORIDE	NA	NA	NA	NA	NA	NA	1 U	NA	NA
CHLOROBENZENE	NA	NA	NA	NA	NA	NA	2 U	NA	NA
CHLORODIBROMOMETHANE	NA	NA	NA	NA	NA	NA	5 UJ	NA	NA
CHLOROETHANE	NA	NA	NA	NA	NA	NA	5 U	NA	NA
CHLOROFORM	NA	NA	NA	NA	NA	NA	5 U	NA	NA
CHLOROMETHANE	NA	NA	NA	NA	NA	NA	5 U	NA	NA
CIS-1,2-DICHLOROETHENE	NA	NA	NA	NA	NA	NA	5 U	NA	NA

SAMPLE ID	OGW6A-AA96712B-	OGW7A-AA96716	OGW7A-AA96716A	OGW7A-AA96716B	OGW8A-AA96717	OGW8A-AA96717A	B116GW08	B116GW08AA	OGW8A-AA96717B
LOCATION ID	B116-MW-06	B116-MW-07	B116-MW-07	B116-MW-07	B116-MW-08	B116-MW-08	B116-MW-08	B116-MW-08	B116-MW-08
SAMPLE DATE	02/03/98	02/03/98	02/03/98	02/03/98	02/03/98	02/03/98	07/08/99	07/08/99	01/01/99
SACODE	AVERAGE								
CIS-1,3-DICHLOROPROPENE	NA	NA	NA	NA	NA	NA	1 UJ	NA	NA
ETHYLBENZENE	1 U	5 U	NA	1 U	5 U	NA	1 U	NA	1 U
M+P-XYLENES	2 U	5 U	NA	2 U	5 U	NA	20 U	NA	2 U
METHYL TERT-BUTYL ETHER	2.75	5 U	NA	5.7	5 U	NA	1 U	NA	1 U
METHYLENE CHLORIDE	NA	NA	NA	NA	NA	NA	2 U	NA	NA
O-XYLENE	1 U	5 U	NA	1 U	5 U	NA	10 U	NA	1 U
STYRENE	NA	NA	NA	NA	NA	NA	5 U	NA	NA
TETRACHLOROETHENE	NA	NA	NA	NA	NA	NA	1 U	NA	NA
TOLUENE	1 U	5 U	NA	1 U	5 U	NA	1 U	NA	1 U
TOTAL 1,2-DICHLOROETHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
TOTAL XYLENES	NA	NA	NA	NA	NA	NA	1 U	NA	NA
TRANS-1,2-DICHLOROETHENE	NA	NA	NA	NA	NA	NA	5 U	NA	NA
TRANS-1,3-DICHLOROPROPENE	NA	NA	NA	NA	NA	NA	1 UJ	NA	NA
TRICHLOROETHENE	NA	NA	NA	NA	NA	NA	1 U	NA	NA
VINYL CHLORIDE	NA	NA	NA	NA	NA	NA	1 U	NA	NA
VOLATILE PETROLEUM HYDROCARBONS	NA	NA	NA	NA	NA	NA	20 U	NA	NA
VPH MADEP (UG/L)									
C5-C8 ALIPHATICS	NA	200 U	NA	NA	200 U	NA	20 U	NA	NA
C5-C8 ALIPHATICS (WEIGHTED 0.5)	NA	NA	NA	NA	NA	NA	NA	NA	NA
C5-C8 ALIPHATICS-UNADJ	NA	NA	NA	NA	NA	NA	NA	NA	NA
C9-C10 AROMATICS	NA	200 U	NA	NA	200 U	NA	NA	NA	NA
C9-C10 AROMATICS (WEIGHTED 1.0)	NA	NA	NA	NA	NA	NA	NA	NA	NA
C9-C12 ALIPHATICS	NA	200 U	NA	NA	200 U	NA	20 U	NA	NA
C9-C12 ALIPHATICS (WEIGHTED 0.05)	NA	NA	NA	NA	NA	NA	NA	NA	NA
C9-C12 ALIPHATICS-UNADJ	NA	NA	NA	NA	NA	NA	NA	NA	NA
SEMIVOLATILES (UG/L)									
1,2,4-TRICHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	5 U	NA
2,2'-OXYBIS(1-CHLOROPROPANE)	NA	NA	NA	NA	NA	NA	NA	5 U	NA

SAMPLE ID	OGW6A-AA96712B-	OGW7A-AA96716	OGW7A-AA96716A	OGW7A-AA96716B	OGW8A-AA96717	OGW8A-AA96717A	B116GW08	B116GW08AA	OGW8A-AA96717B
LOCATION ID	B116-MW-06	B116-MW-07	B116-MW-07	B116-MW-07	B116-MW-08	B116-MW-08	B116-MW-08	B116-MW-08	B116-MW-08
SAMPLE DATE	02/03/98	02/03/98	02/03/98	02/03/98	02/03/98	02/03/98	07/08/99	07/08/99	01/01/99
SACODE	AVERAGE								
2,4,5-TRICHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	5 U	NA
2,4,6-TRICHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	5 UJ	NA
2,4-DICHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	5 U	NA
2,4-DIMETHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	5 U	NA
2,4-DINITROPHENOL	NA	NA	NA	NA	NA	NA	NA	20 U	NA
2,4-DINITROTOLUENE	NA	NA	NA	NA	NA	NA	NA	5 U	NA
2,6-DINITROTOLUENE	NA	NA	NA	NA	NA	NA	NA	5 U	NA
2-CHLORONAPHTHALENE	NA	NA	NA	NA	NA	NA	NA	5 U	NA
2-CHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	5 U	NA
2-METHYLNAPHTHALENE	NA	NA	1 U	NA	NA	1 U	NA	4 U	NA
2-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	5 U	NA
2-NITROANILINE	NA	NA	NA	NA	NA	NA	NA	5 U	NA
2-NITROPHENOL	NA	NA	NA	NA	NA	NA	NA	5 U	NA
3&4-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	5 U	NA
3,3'-DICHLOROBENZIDINE	NA	NA	NA	NA	NA	NA	NA	5 U	NA
3-NITROANILINE	NA	NA	NA	NA	NA	NA	NA	5 UJ	NA
4,6-DINITRO-2-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	20 UJ	NA
4-BROMOPHENYL PHENYL ETHER	NA	NA	NA	NA	NA	NA	NA	5 U	NA
4-CHLORO-3-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	5 U	NA
4-CHLOROANILINE	NA	NA	NA	NA	NA	NA	NA	5 U	NA
4-CHLOROPHENYL PHENYL ETHER	NA	NA	NA	NA	NA	NA	NA	5 U	NA
4-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-NITROANILINE	NA	NA	NA	NA	NA	NA	NA	5 U	NA
4-NITROPHENOL	NA	NA	NA	NA	NA	NA	NA	20 U	NA
ACENAPHTHENE	NA	NA	1 U	NA	NA	1 U	NA	4 U	NA
ACENAPHTHYLENE	NA	NA	1 U	NA	NA	1 U	NA	4 U	NA
ANTHRACENE	NA	NA	1 U	NA	NA	1 U	NA	4 U	NA
BENZO(A)ANTHRACENE	NA	NA	1 U	NA	NA	1 U	NA	4 U	NA
BENZO(A)PYRENE	NA	NA	1 U	NA	NA	1 U	NA	4 U	NA

LIGHT SHADING-DETECTED; U-NOT DETECTED; J-QUANTITATION APPROXIMATE; R-REJECTED; NA-NOT ANALYZED

SAMPLE ID	OGW6A-AA96712B-	OGW7A-AA96716	OGW7A-AA96716A	OGW7A-AA96716B	OGW8A-AA96717	OGW8A-AA96717A	B116GW08	B116GW08AA	OGW8A-AA96717B
LOCATION ID	B116-MW-06	B116-MW-07	B116-MW-07	B116-MW-07	B116-MW-08	B116-MW-08	B116-MW-08	B116-MW-08	B116-MW-08
SAMPLE DATE	02/03/98	02/03/98	02/03/98	02/03/98	02/03/98	02/03/98	07/08/99	07/08/99	01/01/99
SACODE	AVERAGE								
BENZO(B)FLUORANTHENE	NA	NA	1 U	NA	NA	1 U	NA	4 U	NA
BENZO(G,H,I)PERYLENE	NA	NA	1 U	NA	NA	1 U	NA	4 U	NA
BENZO(K)FLUORANTHENE	NA	NA	1 U	NA	NA	1 U	NA	4 U	NA
BIS(2-CHLOROETHOXY)METHANE	NA	NA	NA	NA	NA	NA	NA	5 U	NA
BIS(2-CHLOROETHYL)ETHER	NA	NA	NA	NA	NA	NA	NA	5 U	NA
BIS(2-ETHYLHEXYL)PHTHALATE	NA	NA	NA	NA	NA	NA	NA	5 U	NA
BUTYL BENZYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	5 U	NA
CARBAZOLE	NA	NA	NA	NA	NA	NA	NA	5 U	NA
CHRYSENE	NA	NA	1 U	NA	NA	1 U	NA	4 U	NA
DIBENZO(A,H)ANTHRACENE	NA	NA	1 U	NA	NA	1 U	NA	4 U	NA
DIBENZOFURAN	NA	NA	NA	NA	NA	NA	NA	5 U	NA
DIETHYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	5 U	NA
DIMETHYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	5 U	NA
DI-N-BUTYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	5 U	NA
DI-N-OCTYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	5 U	NA
FLUORANTHENE	NA	NA	1 U	NA	NA	1 U	NA	4 U	NA
FLUORENE	NA	NA	1 U	NA	NA	1 U	NA	4 U	NA
HEXACHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	5 U	NA
HEXACHLOROBUTADIENE	NA	NA	NA	NA	NA	NA	NA	5 U	NA
HEXACHLOROCYCLOPENTADIENE	NA	NA	NA	NA	NA	NA	NA	20 U	NA
HEXACHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	5 U	NA
INDENO(1,2,3-CD)PYRENE	NA	NA	1 U	NA	NA	1 U	NA	4 U	NA
ISOPHORONE	NA	NA	NA	NA	NA	NA	NA	5 U	NA
NAPHTHALENE	NA	5 U	1 U	NA	5 U	1 U	10 U	4 U	NA
NITROBENZENE	NA	NA	NA	NA	NA	NA	NA	5 U	NA
N-NITROSO-DI-N-PROPYLAMINE	NA	NA	NA	NA	NA	NA	NA	5 U	NA
N-NITROSODIPHENYLAMINE	NA	NA	NA	NA	NA	NA	NA	5 U	NA
PENTACHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	20 UJ	NA
PHENANTHRENE	NA	NA	1 U	NA	NA	1 U	NA	4 U	NA

SAMPLE ID	OGW6A-AA96712B-	OGW7A-AA96716	OGW7A-AA96716A	OGW7A-AA96716B	OGW8A-AA96717	OGW8A-AA96717A	B116GW08	B116GW08AA	OGW8A-AA96717B
LOCATION ID	B116-MW-06	B116-MW-07	B116-MW-07	B116-MW-07	B116-MW-08	B116-MW-08	B116-MW-08	B116-MW-08	B116-MW-08
SAMPLE DATE	02/03/98	02/03/98	02/03/98	02/03/98	02/03/98	02/03/98	07/08/99	07/08/99	01/01/99
SACODE	AVERAGE								
PHENOL	NA	NA	NA	NA	NA	NA	NA	5 U	NA
PYRENE	NA	NA	1 U	NA	NA	1 U	NA	4 U	NA
EPH MADEP (UG/L)									
C10-C22 AROMATICS	NA	NA	NA	NA	NA	NA	NA	NA	NA
C11-C22 AROMATICS	NA	NA	200 U	NA	NA	200 U	NA	100 U	NA
C11-C22 AROMATICS (WEIGHTED 1.0)	NA	NA	NA	NA	NA	NA	NA	NA	NA
C11-C22 AROMATICS-UNADJ	NA	NA	NA	NA	NA	NA	NA	NA	NA
C19-C36 ALIPHATICS	NA	NA	200 U	NA	NA	200 U	NA	NA	NA
C19-C36 ALIPHATICS (WEIGHTED 0.005)	NA	NA	NA	NA	NA	NA	NA	NA	NA
C9-C18 ALIPHATICS	NA	NA	200 U	NA	NA	200 U	NA	NA	NA
C9-C18 ALIPHATICS (WEIGHTED 0.05)	NA	NA	NA	NA	NA	NA	NA	NA	NA
EXTRACTABLE PETROLEUM HYDROCARBONS	NA	NA	NA	NA	NA	NA	NA	NA	NA
POLYCYCLIC AROMATIC HYDROCARBONS (UG/L)									
1,1-BIPHENYL	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-METHYLNAPHTHALENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-METHYLPHENANTHRENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,5-TRIMETHYLNAPHTHALENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6-DIMETHYLNAPHTHALENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(E)PYRENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIBENZOTHIOPHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
PERYLENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
TOTAL METHYLNAPHTHALENES	NA	NA	NA	NA	NA	NA	NA	NA	NA
PESTICIDES/PCBS (UG/L)									
4,4'-DDD	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDT	NA	NA	NA	NA	NA	NA	NA	NA	NA

SAMPLE ID	OGW6A-AA96712B-	OGW7A-AA96716	OGW7A-AA96716A	OGW7A-AA96716B	OGW8A-AA96717	OGW8A-AA96717A	B116GW08	B116GW08AA	OGW8A-AA96717B
LOCATION ID	B116-MW-06	B116-MW-07	B116-MW-07	B116-MW-07	B116-MW-08	B116-MW-08	B116-MW-08	B116-MW-08	B116-MW-08
SAMPLE DATE	02/03/98	02/03/98	02/03/98	02/03/98	02/03/98	02/03/98	07/08/99	07/08/99	01/01/99
SACODE	AVERAGE								
ALDRIN	NA	NA	NA	NA	NA	NA	NA	NA	NA
ALPHA-BHC	NA	NA	NA	NA	NA	NA	NA	NA	NA
ALPHA-CHLORDANE	NA	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1016	NA	NA	NA	NA	NA	NA	NA	0.5 U	NA
AROCLOR-1221	NA	NA	NA	NA	NA	NA	NA	0.5 U	NA
AROCLOR-1232	NA	NA	NA	NA	NA	NA	NA	0.5 U	NA
AROCLOR-1242	NA	NA	NA	NA	NA	NA	NA	0.5 U	NA
AROCLOR-1248	NA	NA	NA	NA	NA	NA	NA	0.5 U	NA
AROCLOR-1254	NA	NA	NA	NA	NA	NA	NA	0.5 U	NA
AROCLOR-1260	NA	NA	NA	NA	NA	NA	NA	0.5 U	NA
BETA-BHC	NA	NA	NA	NA	NA	NA	NA	NA	NA
DELTA-BHC	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIELDRIN	NA	NA	NA	NA	NA	NA	NA	NA	NA
ENDOSULFAN I	NA	NA	NA	NA	NA	NA	NA	NA	NA
ENDOSULFAN II	NA	NA	NA	NA	NA	NA	NA	NA	NA
ENDOSULFAN SULFATE	NA	NA	NA	NA	NA	NA	NA	NA	NA
ENDRIN	NA	NA	NA	NA	NA	NA	NA	NA	NA
ENDRIN ALDEHYDE	NA	NA	NA	NA	NA	NA	NA	NA	NA
ENDRIN KETONE	NA	NA	NA	NA	NA	NA	NA	NA	NA
GAMMA-BHC (LINDANE)	NA	NA	NA	NA	NA	NA	NA	NA	NA
GAMMA-CHLORDANE	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEPTACHLOR	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEPTACHLOR EPOXIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA
METHOXYCHLOR	NA	NA	NA	NA	NA	NA	NA	NA	NA
TOXAPHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
METALS (UG/L)									
ALUMINUM	NA	NA	NA	NA	NA	NA	NA	200 U	NA
ANTIMONY	NA	NA	NA	NA	NA	NA	NA	5 U	NA
ARSENIC	NA	NA	NA	NA	NA	NA	NA	5 U	NA

ATTACHMENT 2
ANALYTICAL RESULTS - GROUNDWATER
INDUSTRIAL OPERATIONS AREA
NAS SOUTH WEYMOUTH, WEYMOUTH, MASSACHUSETTS

SAMPLE ID	OGW6A-AA96712B-	OGW7A-AA96716	OGW7A-AA96716A	OGW7A-AA96716B	OGW8A-AA96717	OGW8A-AA96717A	B116GW08	B116GW08AA	OGW8A-AA96717B
LOCATION ID	B116-MW-06	B116-MW-07	B116-MW-07	B116-MW-07	B116-MW-08	B116-MW-08	B116-MW-08	B116-MW-08	B116-MW-08
SAMPLE DATE	02/03/98	02/03/98	02/03/98	02/03/98	02/03/98	02/03/98	07/08/99	07/08/99	01/01/99
SACODE	AVERAGE								
BARIUM	NA	NA	NA	NA	NA	NA	NA	200 U	NA
BERYLLIUM	NA	NA	NA	NA	NA	NA	NA	4 U	NA
CADMIUM	NA	NA	NA	NA	NA	NA	NA	4 U	NA
CALCIUM	NA	NA	NA	NA	NA	NA	NA	17200	NA
CHROMIUM	NA	NA	NA	NA	NA	NA	NA	10 U	NA
COBALT	NA	NA	NA	NA	NA	NA	NA	50 U	NA
COPPER	NA	NA	NA	NA	NA	NA	NA	25 U	NA
IRON	NA	NA	NA	NA	NA	NA	NA	100 UJ	NA
LEAD	NA	NA	NA	NA	NA	NA	NA	3 UJ	NA
MAGNESIUM	NA	NA	NA	NA	NA	NA	NA	5000 U	NA
MANGANESE	NA	NA	NA	NA	NA	NA	NA	1470 J	NA
MERCURY	NA	NA	NA	NA	NA	NA	NA	0.2 U	NA
NICKEL	NA	NA	NA	NA	NA	NA	NA	40 U	NA
POTASSIUM	NA	NA	NA	NA	NA	NA	NA	5000 U	NA
SELENIUM	NA	NA	NA	NA	NA	NA	NA	5 U	NA
SILVER	NA	NA	NA	NA	NA	NA	NA	10 U	NA
SODIUM	NA	NA	NA	NA	NA	NA	NA	26000	NA
THALLIUM	NA	NA	NA	NA	NA	NA	NA	2 U	NA
VANADIUM	NA	NA	NA	NA	NA	NA	NA	50 U	NA
ZINC	NA	NA	NA	NA	NA	NA	NA	20 U	NA
MISCELLANEOUS PARAMETERS (UG/L)									
CYANIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA
FIELD (C)									
TEMPERATURE	NA	NA	NA	NA	NA	NA	NA	NA	NA
FIELD (MG/L)									
DISSOLVED OXYGEN	NA	NA	NA	NA	NA	NA	NA	NA	NA
FIELD (MS/CM)									
CONDUCTIVITY	NA	NA	NA	NA	NA	NA	NA	NA	NA

LIGHT SHADING-DETECTED; U-NOT DETECTED; J-QUANTITATION APPROXIMATE; R-REJECTED; NA-NOT ANALYZED

SAMPLE ID	OGW6A-AA96712B-	OGW7A-AA96716	OGW7A-AA96716A	OGW7A-AA96716B	OGW8A-AA96717	OGW8A-AA96717A	B116GW08	B116GW08AA	OGW8A-AA96717B
LOCATION ID	B116-MW-06	B116-MW-07	B116-MW-07	B116-MW-07	B116-MW-08	B116-MW-08	B116-MW-08	B116-MW-08	B116-MW-08
SAMPLE DATE	02/03/98	02/03/98	02/03/98	02/03/98	02/03/98	02/03/98	07/08/99	07/08/99	01/01/99
SACODE	AVERAGE								
SPECIFIC CONDUCTANCE	NA	NA	NA	NA	NA	NA	NA	NA	NA
FIELD (MV)									
OXIDATION REDUCTION POTENTIAL	NA	NA	NA	NA	NA	NA	NA	NA	NA
FIELD (NTU)									
TURBIDITY	NA	NA	NA	NA	NA	NA	NA	NA	NA
FIELD (S.U.)									
PH	NA	NA	NA	NA	NA	NA	NA	NA	NA
TCLP VOLATILES (UG/L)									
BENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA

SAMPLE ID	B14W-MW01A	B14W-MW01A-D	B14W-MW01A-AVG	B14GW01AA	B14GW100AA	B8-8GW01A	B8-8GW02A	B8-8GW03A	B8-8GW04A
LOCATION ID	B14-MW-01	B14-MW-01	B14-MW-01	B14-MW-01	B14-MW-100	B8-MW-01	B8-MW-02	B8-MW-03	B8-MW-04
SAMPLE DATE	10/31/97	10/31/97	10/31/97	07/06/99	07/06/99	08/09/96	08/09/96	08/09/96	08/09/96
SACODE		DUPLICAT	AVERAGE						
VOLATILES (UG/L)									
1,1,1-TRICHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-TETRACHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-TRICHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-DICHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-DICHLOROETHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-DIBROMO-3-CHLOROPROPANE	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-DIBROMOETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-DICHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-DICHLOROPROPANE	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-BUTANONE	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-HEXANONE	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-METHYL-2-PENTANONE	NA	NA	NA	NA	NA	NA	NA	NA	NA
ACETONE	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZENE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
BROMODICHLOROMETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA
BROMOFORM	NA	NA	NA	NA	NA	NA	NA	NA	NA
BROMOMETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA
CARBON DISULFIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA
CARBON TETRACHLORIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHLORODIBROMOMETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHLOROFORM	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHLOROMETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA
CIS-1,2-DICHLOROETHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA

SAMPLE ID	B14W-MW01A	B14W-MW01A-D	B14W-MW01A-AVG	B14GW01AA	B14GW100AA	B8-8GW01A	B8-8GW02A	B8-8GW03A	B8-8GW04A
LOCATION ID	B14-MW-01	B14-MW-01	B14-MW-01	B14-MW-01	B14-MW-100	B8-MW-01	B8-MW-02	B8-MW-03	B8-MW-04
SAMPLE DATE	10/31/97	10/31/97	10/31/97	07/06/99	07/06/99	08/09/96	08/09/96	08/09/96	08/09/96
SACODE		DUPLICAT	AVERAGE						
CIS-1,3-DICHLOROPROPENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
ETHYLBENZENE	5 U	5 U	5 U	5 U	5 U	22	28	5 U	5 U
M+P-XYLENES	NA	NA	NA	20 U	20 U	NA	NA	NA	NA
METHYL TERT-BUTYL ETHER	15 U	15 U	15 U	15 U	15 U	15 U	15 U	15 U	15 U
METHYLENE CHLORIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA
O-XYLENE	5 U	5 U	5 U	10 U	10 U	10 U	10 U	10 U	10 U
STYRENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
TETRACHLOROETHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
TOLUENE	5 U	5 U	5 U	15 U	15 U	15 U	15 U	15 U	15 U
TOTAL 1,2-DICHLOROETHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
TOTAL XYLENES	5 U	5 U	5 U	20 U	20 U	20 U	20 U	20 U	20 U
TRANS-1,2-DICHLOROETHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
TRANS-1,3-DICHLOROPROPENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
TRICHLOROETHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
VINYL CHLORIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOLATILE PETROLEUM HYDROCARBONS	NA	NA	NA	20 U	20 U	NA	NA	NA	NA
VPH MADEP (UG/L)									
C5-C8 ALIPHATICS	75 U	75 U	75 U	20 U	20 U	44	41	8.5 U	6.5 U
C5-C8 ALIPHATICS (WEIGHTED 0.5)	NA	NA	NA	NA	NA	NA	NA	NA	NA
C5-C8 ALIPHATICS-UNADJ	NA	NA	NA	NA	NA	NA	NA	NA	NA
C9-C10 AROMATICS	20 U	20 U	20 U	20 U	20 U	94	74	10 U	10 U
C9-C10 AROMATICS (WEIGHTED 1.0)	NA	NA	NA	NA	NA	NA	NA	NA	NA
C9-C12 ALIPHATICS	65 U	65 U	65 U	20 U	20 U	9.5	7	0.5 U	0.5 U
C9-C12 ALIPHATICS (WEIGHTED 0.05)	NA	NA	NA	NA	NA	NA	NA	NA	NA
C9-C12 ALIPHATICS-UNADJ	NA	NA	NA	NA	NA	NA	NA	NA	NA
SEMIVOLATILES (UG/L)									
1,2,4-TRICHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,2'-OXYBIS(1-CHLOROPROPANE)	NA	NA	NA	NA	NA	NA	NA	NA	NA

LIGHT SHADING-DETECTED; U-NOT DETECTED; J-QUANTITATION APPROXIMATE; R-REJECTED; NA-NOT ANALYZED

ATTACHMENT 2
ANALYTICAL RESULTS - GROUNDWATER
INDUSTRIAL OPERATIONS AREA
NAS SOUTH WEYMOUTH, WEYMOUTH, MASSACHUSETTS

SAMPLE ID	B14W-MW01A	B14W-MW01A-D	B14W-MW01A-AVG	B14GW01AA	B14GW100AA	B8-8GW01A	B8-8GW02A	B8-8GW03A	B8-8GW04A
LOCATION ID	B14-MW-01	B14-MW-01	B14-MW-01	B14-MW-01	B14-MW-100	B8-MW-01	B8-MW-02	B8-MW-03	B8-MW-04
SAMPLE DATE	10/31/97	10/31/97	10/31/97	07/06/99	07/06/99	08/09/96	08/09/96	08/09/96	08/09/96
SACODE		DUPLICAT	AVERAGE						
2,4,5-TRICHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,6-TRICHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-DICHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-DIMETHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-DINITROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-DINITROTOLUENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6-DINITROTOLUENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-CHLORONAPHTHALENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-CHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-METHYLNAPHTHALENE	0.22 U	0.23 U	0.22 U	4.1 U	4.2 U	35 J	0.8	0.07 U	0.02 U
2-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-NITROANILINE	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-NITROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA
3&4-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,3'-DICHLOROBENZIDINE	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-NITROANILINE	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,6-DINITRO-2-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-BROMOPHENYL PHENYL ETHER	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-CHLORO-3-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-CHLOROANILINE	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-CHLOROPHENYL PHENYL ETHER	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-NITROANILINE	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-NITROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA
ACENAPHTHENE	0.22 U	0.23 U	0.22 U	4.1 U	4.2 U	9	1	3	0.02 U
ACENAPHTHYLENE	0.22 U	0.23 U	0.22 U	4.1 U	4.2 U	0.04 U	0.08	0.07 U	0.02 U
ANTHRACENE	0.22 U	0.23 U	0.22 U	4.1 U	4.2 U	2	0.2	0.3	0.02 U
BENZO(A)ANTHRACENE	0.22 U	0.23 U	0.22 U	4.1 U	4.2 U	0.07	0.08	0.03 J	0.02 U
BENZO(A)PYRENE	0.22 U	0.23 U	0.22 U	4.1 U	4.2 U	0.04 U	0.03 J	0.07 U	0.02 U

LIGHT SHADING-DETECTED; U-NOT DETECTED; J-QUANTITATION APPROXIMATE; R-REJECTED; NA-NOT ANALYZED

ATTACHMENT 2
ANALYTICAL RESULTS - GROUNDWATER
INDUSTRIAL OPERATIONS AREA
NAS SOUTH WEYMOUTH, WEYMOUTH, MASSACHUSETTS

SAMPLE ID	B14W-MW01A	B14W-MW01A-D	B14W-MW01A-AVG	B14GW01AA	B14GW100AA	B8-8GW01A	B8-8GW02A	B8-8GW03A	B8-8GW04A
LOCATION ID	B14-MW-01	B14-MW-01	B14-MW-01	B14-MW-01	B14-MW-100	B8-MW-01	B8-MW-02	B8-MW-03	B8-MW-04
SAMPLE DATE	10/31/97	10/31/97	10/31/97	07/06/99	07/06/99	08/09/96	08/09/96	08/09/96	08/09/96
SACODE		DUPLICAT	AVERAGE						
BENZO(B)FLUORANTHENE	0.22 U	0.23 U	0.22 U	4.1 U	4.2 U	0.04 U	0.03 J	0.07 U	0.02 U
BENZO(G,H,I)PERYLENE	0.22 U	0.23 U	0.22 U	4.1 U	4.2 U	0.04 U	0.07 U	0.07 U	0.02 U
BENZO(K)FLUORANTHENE	0.22 U	0.23 U	0.22 U	4.1 U	4.2 U	0.04 U	0.07 U	0.07 U	0.02 U
BIS(2-CHLOROETHOXY)METHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA
BIS(2-CHLOROETHYL)ETHER	NA	NA	NA	NA	NA	NA	NA	NA	NA
BIS(2-ETHYLHEXYL)PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA
BUTYL BENZYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA
CARBAZOLE	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHRYSENE	0.22 U	0.23 U	0.22 U	4.1 U	4.2 U	0.08	0.1	0.04 J	0.02 U
DIBENZO(A,H)ANTHRACENE	0.22 U	0.23 U	0.22 U	4.1 U	4.2 U	0.04 U	0.07 U	0.07 U	0.02 U
DIBENZOFURAN	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIETHYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIMETHYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA
DI-N-BUTYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA
DI-N-OCTYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA
FLUORANTHENE	0.22 U	0.23 U	0.22 U	4.1 U	4.2 U	1	0.4	3	0.02 U
FLUORENE	0.22 U	0.23 U	0.22 U	4.1 U	4.2 U	4	0.6	0.6	0.02 U
HEXACHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEXACHLOROBUTADIENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEXACHLOROCYCLOPENTADIENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEXACHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA
INDENO(1,2,3-CD)PYRENE	0.22 U	0.23 U	0.22 U	4.1 U	4.2 U	0.04 U	0.07 U	0.07 U	0.02 U
ISOPHORONE	NA	NA	NA	NA	NA	NA	NA	NA	NA
NAPHTHALENE	0.22 U	0.23 U	0.22 U	4.1 U	4.2 U	32 J	2	0.07 U	0.02 U
NITROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-NITROSO-DI-N-PROPYLAMINE	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-NITROSODIPHENYLAMINE	NA	NA	NA	NA	NA	NA	NA	NA	NA
PENTACHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA
PHENANTHRENE	0.22 U	0.23 U	0.22 U	4.1 U	4.2 U	6	0.3	0.07 U	0.02 U

LIGHT SHADING-DETECTED; U-NOT DETECTED; J-QUANTITATION APPROXIMATE; R-REJECTED; NA-NOT ANALYZED

SAMPLE ID	B14W-MW01A	B14W-MW01A-D	B14W-MW01A-AVG	B14GW01AA	B14GW100AA	B8-8GW01A	B8-8GW02A	B8-8GW03A	B8-8GW04A
LOCATION ID	B14-MW-01	B14-MW-01	B14-MW-01	B14-MW-01	B14-MW-100	B8-MW-01	B8-MW-02	B8-MW-03	B8-MW-04
SAMPLE DATE	10/31/97	10/31/97	10/31/97	07/06/99	07/06/99	08/09/96	08/09/96	08/09/96	08/09/96
SACODE		DUPLICAT	AVERAGE						
PHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA
PYRENE	0.22 U	0.23 U	0.22 U	4.1 U	4.2 U	0.9	0.5	2	0.02 U
EPH MADEP (UG/L)									
C10-C22 AROMATICS	110 U	94 U	110 U	NA	NA	NA	NA	NA	NA
C11-C22 AROMATICS	NA	NA	NA	100 U	100 U	180	88 U	87 U	88 U
C11-C22 AROMATICS (WEIGHTED 1.0)	NA	NA	NA	NA	NA	NA	NA	NA	NA
C11-C22 AROMATICS-UNADJ	NA	NA	NA	NA	NA	NA	NA	NA	NA
C19-C36 ALIPHATICS	50 U	44 U	50 U	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U
C19-C36 ALIPHATICS (WEIGHTED 0.005)	NA	NA	NA	NA	NA	NA	NA	NA	NA
C9-C18 ALIPHATICS	38 U	33 U	38 U	NA	NA	1.6 U	1.6 U	1.6 U	1.6 U
C9-C18 ALIPHATICS (WEIGHTED 0.05)	NA	NA	NA	NA	NA	NA	NA	NA	NA
EXTRACTABLE PETROLEUM HYDROCARBONS	NA	NA	NA	NA	NA	NA	NA	NA	NA
POLYCYCLIC AROMATIC HYDROCARBONS (UG/L)									
1,1-BIPHENYL	NA	NA	NA	NA	NA	0.2	0.07 U	0.07 U	0.02 U
1-METHYLNAPHTHALENE	NA	NA	NA	NA	NA	15	0.9	0.07 U	0.02 U
1-METHYLPHENANTHRENE	NA	NA	NA	NA	NA	0.3	0.2	0.07 U	0.02 U
2,3,5-TRIMETHYLNAPHTHALENE	NA	NA	NA	NA	NA	1	0.5	0.06 J	0.02 U
2,6-DIMETHYLNAPHTHALENE	NA	NA	NA	NA	NA	6	0.3	0.05 J	0.02 U
BENZO(E)PYRENE	NA	NA	NA	NA	NA	0.04 U	0.04 J	0.07 U	0.02 U
DIBENZOTHIOPHENE	NA	NA	NA	NA	NA	0.7	0.2	0.4	0.02 U
PERYLENE	NA	NA	NA	NA	NA	0.04 U	0.07 U	0.07 U	0.02 U
TOTAL METHYLNAPHTHALENES	NA	NA	NA	NA	NA	NA	NA	NA	NA
PESTICIDES/PCBS (UG/L)									
4,4'-DDD	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDT	NA	NA	NA	NA	NA	NA	NA	NA	NA

LIGHT SHADING-DETECTED; U-NOT DETECTED; J-QUANTITATION APPROXIMATE; R-REJECTED; NA-NOT ANALYZED

SAMPLE ID	B14W-MW01A	B14W-MW01A-D	B14W-MW01A-AVG	B14GW01AA	B14GW100AA	B8-8GW01A	B8-8GW02A	B8-8GW03A	B8-8GW04A
LOCATION ID	B14-MW-01	B14-MW-01	B14-MW-01	B14-MW-01	B14-MW-100	B8-MW-01	B8-MW-02	B8-MW-03	B8-MW-04
SAMPLE DATE	10/31/97	10/31/97	10/31/97	07/06/99	07/06/99	08/09/96	08/09/96	08/09/96	08/09/96
SACODE		DUPLICAT	AVERAGE						
ALDRIN	NA	NA	NA	NA	NA	NA	NA	NA	NA
ALPHA-BHC	NA	NA	NA	NA	NA	NA	NA	NA	NA
ALPHA-CHLORDANE	NA	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1016	NA	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1221	NA	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1232	NA	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1242	NA	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1248	NA	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1254	NA	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1260	NA	NA	NA	NA	NA	NA	NA	NA	NA
BETA-BHC	NA	NA	NA	NA	NA	NA	NA	NA	NA
DELTA-BHC	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIELDRIN	NA	NA	NA	NA	NA	NA	NA	NA	NA
ENDOSULFAN I	NA	NA	NA	NA	NA	NA	NA	NA	NA
ENDOSULFAN II	NA	NA	NA	NA	NA	NA	NA	NA	NA
ENDOSULFAN SULFATE	NA	NA	NA	NA	NA	NA	NA	NA	NA
ENDRIN	NA	NA	NA	NA	NA	NA	NA	NA	NA
ENDRIN ALDEHYDE	NA	NA	NA	NA	NA	NA	NA	NA	NA
ENDRIN KETONE	NA	NA	NA	NA	NA	NA	NA	NA	NA
GAMMA-BHC (LINDANE)	NA	NA	NA	NA	NA	NA	NA	NA	NA
GAMMA-CHLORDANE	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEPTACHLOR	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEPTACHLOR EPOXIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA
METHOXYCHLOR	NA	NA	NA	NA	NA	NA	NA	NA	NA
TOXAPHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
METALS (UG/L)									
ALUMINUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
ANTIMONY	NA	NA	NA	NA	NA	NA	NA	NA	NA
ARSENIC	NA	NA	NA	NA	NA	NA	NA	NA	NA

SAMPLE ID	B14W-MW01A	B14W-MW01A-D	B14W-MW01A-AVG	B14GW01AA	B14GW100AA	B8-8GW01A	B8-8GW02A	B8-8GW03A	B8-8GW04A
LOCATION ID	B14-MW-01	B14-MW-01	B14-MW-01	B14-MW-01	B14-MW-100	B8-MW-01	B8-MW-02	B8-MW-03	B8-MW-04
SAMPLE DATE	10/31/97	10/31/97	10/31/97	07/06/99	07/06/99	08/09/96	08/09/96	08/09/96	08/09/96
SACODE		DUPLICAT	AVERAGE						
BARIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
BERYLLIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
CADMIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
CALCIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHROMIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
COBALT	NA	NA	NA	NA	NA	NA	NA	NA	NA
COPPER	NA	NA	NA	NA	NA	NA	NA	NA	NA
IRON	NA	NA	NA	NA	NA	NA	NA	NA	NA
LEAD	NA	NA	NA	NA	NA	NA	NA	NA	NA
MAGNESIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
MANGANESE	NA	NA	NA	NA	NA	NA	NA	NA	NA
MERCURY	NA	NA	NA	NA	NA	NA	NA	NA	NA
NICKEL	NA	NA	NA	NA	NA	NA	NA	NA	NA
POTASSIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
SELENIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
SILVER	NA	NA	NA	NA	NA	NA	NA	NA	NA
SODIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
THALLIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
VANADIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
ZINC	NA	NA	NA	NA	NA	NA	NA	NA	NA
MISCELLANEOUS PARAMETERS (UG/L)									
CYANIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA
FIELD (C)									
TEMPERATURE	NA	NA	NA	NA	NA	NA	NA	NA	NA
FIELD (MG/L)									
DISSOLVED OXYGEN	NA	NA	NA	NA	NA	NA	NA	NA	NA
FIELD (MS/CM)									
CONDUCTIVITY	NA	NA	NA	NA	NA	NA	NA	NA	NA

LIGHT SHADING-DETECTED; U-NOT DETECTED; J-QUANTITATION APPROXIMATE; R-REJECTED; NA-NOT ANALYZED

SAMPLE ID	B14W-MW01A	B14W-MW01A-D	B14W-MW01A-AVG	B14GW01AA	B14GW100AA	B8-8GW01A	B8-8GW02A	B8-8GW03A	B8-8GW04A
LOCATION ID	B14-MW-01	B14-MW-01	B14-MW-01	B14-MW-01	B14-MW-100	B8-MW-01	B8-MW-02	B8-MW-03	B8-MW-04
SAMPLE DATE	10/31/97	10/31/97	10/31/97	07/06/99	07/06/99	08/09/96	08/09/96	08/09/96	08/09/96
SACODE		DUPLICAT	AVERAGE						
SPECIFIC CONDUCTANCE	NA	NA	NA	NA	NA	NA	NA	NA	NA
FIELD (MV)									
OXIDATION REDUCTION POTENTIAL	NA	NA	NA	NA	NA	NA	NA	NA	NA
FIELD (NTU)									
TURBIDITY	NA	NA	NA	NA	NA	NA	NA	NA	NA
FIELD (S.U.)									
PH	NA	NA	NA	NA	NA	NA	NA	NA	NA
TCLP VOLATILES (UG/L)									
BENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA

LIGHT SHADING-DETECTED; U-NOT DETECTED; J-QUANTITATION APPROXIMATE; R-REJECTED; NA-NOT ANALYZED

SAMPLE ID	B8-8GW05A	B8-8GW05A-D	B8-8GW05A-AVG	B8-8GW06A	B8SB07AB-40611-3	B8GW07A-40676-5	B8GW08A-40676-3	B8GW09A-40676-1	B8GW09B-40676-2	B8GW10AA
LOCATION ID	B8-MW-05	B8-MW-05	B8-MW-05	B8-MW-06	B8-MW-07	B8-MW-07	B8-MW-08	B8-MW-09	B8-MW-09	B8-MW-10
SAMPLE DATE	08/09/96	08/09/96	08/09/96	08/12/96	04/24/98	05/04/98	05/04/98	05/04/98	05/04/98	07/01/99
SACODE		DUPLICATE	AVERAGE							
VOLATILES (UG/L)										
1,1,1-TRICHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-TETRACHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-TRICHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-DICHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-DICHLOROETHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-DIBROMO-3-CHLOROPROPANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-DIBROMOETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-DICHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-DICHLOROPROPANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-BUTANONE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-HEXANONE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-METHYL-2-PENTANONE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ACETONE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZENE	5 U	5 U	5 U	5 U	5 UJ	5 U	5 U	5 U	5 U	5 U
BROMODICHLOROMETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BROMOFORM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BROMOMETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CARBON DISULFIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CARBON TETRACHLORIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHLORODIBROMOMETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHLOROFORM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHLOROMETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CIS-1,2-DICHLOROETHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

SAMPLE ID	B8-8GW05A	B8-8GW05A-D	B8-8GW05A-AVG	B8-8GW06A	B8SB07AB-40611-3	B8GW07A-40676-5	B8GW08A-40676-3	B8GW09A-40676-1	B8GW09B-40676-2	B8GW10AA
LOCATION ID	B8-MW-05	B8-MW-05	B8-MW-05	B8-MW-06	B8-MW-07	B8-MW-07	B8-MW-08	B8-MW-09	B8-MW-09	B8-MW-10
SAMPLE DATE	08/09/96	08/09/96	08/09/96	08/12/96	04/24/98	05/04/98	05/04/98	05/04/98	05/04/98	07/01/99
SACODE		DUPLICATE	AVERAGE							
CIS-1,3-DICHLOROPROPENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ETHYLBENZENE	5 U	5 U	5 U	5 U	5 UJ	5 U	5 U	5 U	5 U	5 U
M+P-XYLENES	NA	NA	NA	NA	10 UJ	10 U	10 U	10 U	10 U	20 U
METHYL TERT-BUTYL ETHER	15 U	15 U	15 U	15 U	15 UJ	15 U	15 U	9 J	9 J	15 U
METHYLENE CHLORIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
O-XYLENE	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U
STYRENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TETRACHLOROETHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TOLUENE	15 U	15 U	15 U	15 U	15 UJ	15 U	15 U	15 U	15 U	15 U
TOTAL 1,2-DICHLOROETHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TOTAL XYLENES	20 U	20 U	20 U	20 U	NA	NA	NA	NA	NA	20 U
TRANS-1,2-DICHLOROETHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TRANS-1,3-DICHLOROPROPENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TRICHLOROETHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VINYL CHLORIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOLATILE PETROLEUM HYDROCARBONS	NA	NA	NA	NA	NA	NA	NA	NA	NA	20 U
VPH MADEP (UG/L)										
C5-C8 ALIPHATICS	9.5 U	7 U	9.5 U	5 U	240 UJ	240 U	240 U	240 U	240 U	20 U
C5-C8 ALIPHATICS (WEIGHTED 0.5)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C5-C8 ALIPHATICS-UNADJ	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C9-C10 AROMATICS	10 U	10 U	10 U	10 U	70 UJ	70 U	70 U	70 U	70 U	20 U
C9-C10 AROMATICS (WEIGHTED 1.0)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C9-C12 ALIPHATICS	0.5 U	0.5 U	0.5 U	0.9 J	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	20 U
C9-C12 ALIPHATICS (WEIGHTED 0.05)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C9-C12 ALIPHATICS-UNADJ	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SEMIVOLATILES (UG/L)										
1,2,4-TRICHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,2'-OXYBIS(1-CHLOROPROPANE)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

LIGHT SHADING-DETECTED; U-NOT DETECTED; J-QUANTITATION APPROXIMATE; R-REJECTED; NA-NOT ANALYZED

ATTACHMENT 2
ANALYTICAL RESULTS - GROUNDWATER
INDUSTRIAL OPERATIONS AREA
NAS SOUTH WEYMOUTH, WEYMOUTH, MASSACHUSETTS

SAMPLE ID	B8-8GW05A	B8-8GW05A-D	B8-8GW05A-AVG	B8-8GW06A	B8SB07AB-40611-3	B8GW07A-40676-5	B8GW08A-40676-3	B8GW09A-40676-1	B8GW09B-40676-2	B8GW10AA
LOCATION ID	B8-MW-05	B8-MW-05	B8-MW-05	B8-MW-06	B8-MW-07	B8-MW-07	B8-MW-08	B8-MW-09	B8-MW-09	B8-MW-10
SAMPLE DATE	08/09/96	08/09/96	08/09/96	08/12/96	04/24/98	05/04/98	05/04/98	05/04/98	05/04/98	07/01/99
SACODE		DUPLICATE	AVERAGE							
2,4,5-TRICHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,6-TRICHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-DICHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-DIMETHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-DINITROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-DINITROTOLUENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6-DINITROTOLUENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-CHLORONAPHTHALENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-CHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-METHYLNAPHTHALENE	0.02 U	0.02 U	0.02 U	0.02	NA	5.9 U	5.3 U	5.9 U	6.1 U	4 U
2-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-NITROANILINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-NITROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3&4-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,3'-DICHLOROBENZIDINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-NITROANILINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,6-DINITRO-2-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-BROMOPHENYL PHENYL ETHER	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-CHLORO-3-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-CHLOROANILINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-CHLOROPHENYL PHENYL ETHER	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-NITROANILINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-NITROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ACENAPHTHENE	0.02 U	0.02 U	0.02 U	0.04	NA	5.9 U	5.3 U	5.9 U	6.1 U	4 U
ACENAPHTHYLENE	0.02 U	0.02 U	0.02 U	0.02 U	NA	5.9 U	5.3 U	5.9 U	6.1 U	4 U
ANTHRACENE	0.02 U	0.02 U	0.02 U	0.02 U	NA	5.9 U	5.3 U	5.9 U	6.1 U	4 U
BENZO(A)ANTHRACENE	0.02 U	0.02 UJ	0.02 U	0.02 U	NA	5.9 U	5.3 U	5.9 U	6.1 U	4 U
BENZO(A)PYRENE	0.02 U	0.02 U	0.02 U	0.02 U	NA	5.9 U	5.3 U	5.9 U	6.1 U	4 U

LIGHT SHADING-DETECTED; U-NOT DETECTED; J-QUANTITATION APPROXIMATE; R-REJECTED; NA-NOT ANALYZED

ATTACHMENT 2
ANALYTICAL RESULTS - GROUNDWATER
INDUSTRIAL OPERATIONS AREA
NAS SOUTH WEYMOUTH, WEYMOUTH, MASSACHUSETTS

SAMPLE ID	B8-8GW05A	B8-8GW05A-D	B8-8GW05A-AVG	B8-8GW06A	B8SB07AB-40611-3	B8GW07A-40676-5	B8GW08A-40676-3	B8GW09A-40676-1	B8GW09B-40676-2	B8GW10AA
LOCATION ID	B8-MW-05	B8-MW-05	B8-MW-05	B8-MW-06	B8-MW-07	B8-MW-07	B8-MW-08	B8-MW-09	B8-MW-09	B8-MW-10
SAMPLE DATE	08/09/96	08/09/96	08/09/96	08/12/96	04/24/98	05/04/98	05/04/98	05/04/98	05/04/98	07/01/99
SACODE		DUPLICATE	AVERAGE							
BENZO(B)FLUORANTHENE	0.02 U	0.02 U	0.02 U	0.02 U	NA	5.9 U	5.3 U	5.9 U	6.1 U	4 U
BENZO(G,H,I)PERYLENE	0.02 U	0.02 U	0.02 U	0.02 U	NA	5.9 U	5.3 U	5.9 U	6.1 U	4 U
BENZO(K)FLUORANTHENE	0.02 U	0.02 U	0.02 U	0.02 U	NA	5.9 U	5.3 U	5.9 U	6.1 U	4 U
BIS(2-CHLOROETHOXY)METHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BIS(2-CHLOROETHYL)ETHER	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BIS(2-ETHYLHEXYL)PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BUTYL BENZYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CARBAZOLE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHRYSENE	0.03 J	0.02 UJ	0.02	0.02 U	NA	5.9 U	5.3 U	5.9 U	6.1 U	4 U
DIBENZO(A,H)ANTHRACENE	0.02 U	0.02 U	0.02 U	0.02 U	NA	5.9 U	5.3 U	5.9 U	6.1 U	4 U
DIBENZOFURAN	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIETHYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIMETHYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DI-N-BUTYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DI-N-OCTYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FLUORANTHENE	0.02 U	0.02 U	0.02 U	0.02 U	NA	5.9 U	5.3 U	5.9 U	6.1 U	4 U
FLUORENE	0.02 U	0.02 U	0.02 U	0.03	NA	5.9 U	5.3 U	5.9 U	6.1 U	4 U
HEXACHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEXACHLOROBUTADIENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEXACHLOROCYCLOPENTADIENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEXACHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
INDENO(1,2,3-CD)PYRENE	0.02 U	0.02 U	0.02 U	0.02 U	NA	5.9 U	5.3 U	5.9 U	6.1 U	4 U
ISOPHORONE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NAPHTHALENE	0.02 U	0.02 U	0.02 U	0.1	10 UJ	5.9 U	5.3 U	5.9 U	6.1 U	4 U
NITROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-NITROSO-DI-N-PROPYLAMINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-NITROSODIPHENYLAMINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PENTACHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PHENANTHRENE	0.02 U	0.02 U	0.02 U	0.02 U	NA	5.9 U	5.3 U	5.9 U	6.1 U	4 U

LIGHT SHADING-DETECTED; U-NOT DETECTED; J-QUANTITATION APPROXIMATE; R-REJECTED; NA-NOT ANALYZED

SAMPLE ID	B8-8GW05A	B8-8GW05A-D	B8-8GW05A-AVG	B8-8GW06A	B8SB07AB-40611-3	B8GW07A-40676-5	B8GW08A-40676-3	B8GW09A-40676-1	B8GW09B-40676-2	B8GW10AA
LOCATION ID	B8-MW-05	B8-MW-05	B8-MW-05	B8-MW-06	B8-MW-07	B8-MW-07	B8-MW-08	B8-MW-09	B8-MW-09	B8-MW-10
SAMPLE DATE	08/09/96	08/09/96	08/09/96	08/12/96	04/24/98	05/04/98	05/04/98	05/04/98	05/04/98	07/01/99
SACODE		DUPLICATE	AVERAGE							
PHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PYRENE	0.1	0.1 J	0.1	0.04	NA	5.9 U	5.3 U	5.9 U	6.1 U	4 U
EPH MADEP (UG/L)										
C10-C22 AROMATICS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C11-C22 AROMATICS	88 U	88 U	88 U	88 U	NA	100 U	89 U	100 U	100 U	100 U
C11-C22 AROMATICS (WEIGHTED 1.0)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C11-C22 AROMATICS-UNADJ	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C19-C36 ALIPHATICS	0.2 U	0.2 U	0.2 U	0.2 U	NA	47 U	42 U	47 U	50 U	NA
C19-C36 ALIPHATICS (WEIGHTED 0.005)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C9-C18 ALIPHATICS	1.6 U	1.6 U	1.6 U	1.6 U	NA	35 U	32 U	35 U	37 U	NA
C9-C18 ALIPHATICS (WEIGHTED 0.05)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
EXTRACTABLE PETROLEUM HYDROCARBONS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
POLYCYCLIC AROMATIC HYDROCARBONS (UG/L)										
1,1-BIPHENYL	0.02 U	0.02 U	0.02 U	0.02 U	NA	NA	NA	NA	NA	NA
1-METHYLNAPHTHALENE	0.02 U	0.02 U	0.02 U	0.02 U	NA	NA	NA	NA	NA	NA
1-METHYLPHENANTHRENE	0.02 U	0.02 U	0.02 U	0.02 U	NA	NA	NA	NA	NA	NA
2,3,5-TRIMETHYLNAPHTHALENE	0.02 U	0.02 U	0.02 U	0.01 J	NA	NA	NA	NA	NA	NA
2,6-DIMETHYLNAPHTHALENE	0.02 U	0.02 U	0.02 U	0.02 U	NA	NA	NA	NA	NA	NA
BENZO(E)PYRENE	0.02 U	0.02 U	0.02 U	0.02 U	NA	NA	NA	NA	NA	NA
DIBENZOTHIOPHENE	0.02 U	0.02 U	0.02 U	0.2 U	NA	NA	NA	NA	NA	NA
PERYLENE	0.02 U	0.02 U	0.02 U	0.02 U	NA	NA	NA	NA	NA	NA
TOTAL METHYLNAPHTHALENES	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PESTICIDES/PCBS (UG/L)										
4,4'-DDD	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDT	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

SAMPLE ID	B8-8GW05A	B8-8GW05A-D	B8-8GW05A-AVG	B8-8GW06A	B8SB07AB-40611-3	B8GW07A-40676-5	B8GW08A-40676-3	B8GW09A-40676-1	B8GW09B-40676-2	B8GW10AA
LOCATION ID	B8-MW-05	B8-MW-05	B8-MW-05	B8-MW-06	B8-MW-07	B8-MW-07	B8-MW-08	B8-MW-09	B8-MW-09	B8-MW-10
SAMPLE DATE	08/09/96	08/09/96	08/09/96	08/12/96	04/24/98	05/04/98	05/04/98	05/04/98	05/04/98	07/01/99
SACODE		DUPLICATE	AVERAGE							
ALDRIN	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ALPHA-BHC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ALPHA-CHLORDANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1221	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1232	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1242	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1248	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1254	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1260	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BETA-BHC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DELTA-BHC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIELDRIN	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ENDOSULFAN I	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ENDOSULFAN II	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ENDOSULFAN SULFATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ENDRIN	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ENDRIN ALDEHYDE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ENDRIN KETONE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GAMMA-BHC (LINDANE)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GAMMA-CHLORDANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEPTACHLOR	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEPTACHLOR EPOXIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
METHOXYCHLOR	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TOXAPHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
METALS (UG/L)										
ALUMINUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ANTIMONY	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ARSENIC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

SAMPLE ID	B8-8GW05A	B8-8GW05A-D	B8-8GW05A-AVG	B8-8GW06A	B8SB07AB-40611-3	B8GW07A-40676-5	B8GW08A-40676-3	B8GW09A-40676-1	B8GW09B-40676-2	B8GW10AA
LOCATION ID	B8-MW-05	B8-MW-05	B8-MW-05	B8-MW-06	B8-MW-07	B8-MW-07	B8-MW-08	B8-MW-09	B8-MW-09	B8-MW-10
SAMPLE DATE	08/09/96	08/09/96	08/09/96	08/12/96	04/24/98	05/04/98	05/04/98	05/04/98	05/04/98	07/01/99
SACODE		DUPLICATE	AVERAGE							
BARIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BERYLLIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CADMIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CALCIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHROMIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COBALT	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COPPER	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
IRON	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LEAD	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MAGNESIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MANGANESE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MERCURY	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NICKEL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
POTASSIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SELENIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SILVER	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SODIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
THALLIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VANADIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ZINC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MISCELLANEOUS PARAMETERS (UG/L)										
CYANIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FIELD (C)										
TEMPERATURE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FIELD (MG/L)										
DISSOLVED OXYGEN	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FIELD (MS/CM)										
CONDUCTIVITY	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

SAMPLE ID	B8-8GW05A	B8-8GW05A-D	B8-8GW05A-AVG	B8-8GW06A	B8SB07AB-40611-3	B8GW07A-40676-5	B8GW08A-40676-3	B8GW09A-40676-1	B8GW09B-40676-2	B8GW10AA
LOCATION ID	B8-MW-05	B8-MW-05	B8-MW-05	B8-MW-06	B8-MW-07	B8-MW-07	B8-MW-08	B8-MW-09	B8-MW-09	B8-MW-10
SAMPLE DATE	08/09/96	08/09/96	08/09/96	08/12/96	04/24/98	05/04/98	05/04/98	05/04/98	05/04/98	07/01/99
SACODE		DUPLICATE	AVERAGE							
SPECIFIC CONDUCTANCE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FIELD (MV)										
OXIDATION REDUCTION POTENTIAL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FIELD (NTU)										
TURBIDITY	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FIELD (S.U.)										
PH	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TCLP VOLATILES (UG/L)										
BENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

LIGHT SHADING-DETECTED; U-NOT DETECTED; J-QUANTITATION APPROXIMATE; R-REJECTED; NA-NOT ANALYZED

ATTACHMENT 2
ANALYTICAL RESULTS - GROUNDWATER
INDUSTRIAL OPERATIONS AREA
NAS SOUTH WEYMOUTH, WEYMOUTH, MASSACHUSETTS

SAMPLE ID	B8GW11AA	B8GW11AA-D	B8GW11AA-AVG	MW06-003-NWG-	MW06-013-NWG-	MW06-017-NWG-	MW06-018-NWG-	MW06-019-NWG-	MW06-301-NGW-
LOCATION ID	B8-MW-11	B8-MW-11	B8-MW-11	MW06-003	MW06-013	MW06-017	MW06-018	MW06-019	MW06-301
SAMPLE DATE	07/06/99	07/06/99	07/06/99	01/20/99	01/20/99	02/02/99	01/19/99	01/19/99	11/18/02
SACODE		DUPLICATE	AVERAGE						
VOLATILES (UG/L)									
1,1,1-TRICHLOROETHANE	NA	NA	NA	1 U	1 UJ	1 U	1 UJ	1 UJ	1 U
1,1,2,2-TETRACHLOROETHANE	NA	NA	NA	1 U	1 UJ	1 U	1 UJ	1 UJ	1 U
1,1,2-TRICHLOROETHANE	NA	NA	NA	1 U	1 UJ	1 U	1 UJ	1 UJ	1 U
1,1-DICHLOROETHANE	NA	NA	NA	1 U	1 UJ	1 U	1 UJ	1 UJ	1 U
1,1-DICHLOROETHENE	NA	NA	NA	1 U	1 UJ	1 U	1 UJ	1 UJ	1 U
1,2-DIBROMO-3-CHLOROPROPANE	NA	NA	NA	NA	NA	NA	NA	NA	2 U
1,2-DIBROMOETHANE	NA	NA	NA	NA	NA	NA	NA	NA	1 U
1,2-DICHLOROBENZENE	NA	NA	NA	1 U	1 UJ	1 U	1 UJ	1 UJ	1 U
1,2-DICHLOROETHANE	NA	NA	NA	1 U	1 UJ	1 U	1 UJ	1 UJ	1 U
1,2-DICHLOROPROPANE	NA	NA	NA	1 U	1 UJ	1 U	1 UJ	1 UJ	1 U
1,3-DICHLOROBENZENE	NA	NA	NA	1 U	1 UJ	1 U	1 UJ	1 UJ	1 U
1,4-DICHLOROBENZENE	NA	NA	NA	1 U	1 UJ	1 U	1 UJ	1 UJ	1 U
2-BUTANONE	NA	NA	NA	5 R	5 R	5 R	5 R	5 R	5 R
2-HEXANONE	NA	NA	NA	5 U	5 UJ	5 U	5 UJ	5 UJ	5 U
4-METHYL-2-PENTANONE	NA	NA	NA	5 U	5 UJ	5 R	5 UJ	5 UJ	5 U
ACETONE	NA	NA	NA	10 R	10 R	10 R	10 R	10 R	5 U
BENZENE	5 U	5 U	5 U	1 U	1 UJ	1 U	1 UJ	1 UJ	1 U
BROMODICHLOROMETHANE	NA	NA	NA	1 U	1 UJ	1 U	1 UJ	1 UJ	1 U
BROMOFORM	NA	NA	NA	1 U	1 UJ	1 U	1 UJ	1 UJ	1 U
BROMOMETHANE	NA	NA	NA	2 UJ	2 UJ	2 U	2 UJ	2 UJ	2 U
CARBON DISULFIDE	NA	NA	NA	1 U	1 UJ	1 U	1 UJ	1 UJ	1 U
CARBON TETRACHLORIDE	NA	NA	NA	1 U	1 UJ	1 U	1 UJ	1 UJ	1 U
CHLOROBENZENE	NA	NA	NA	1 U	1 UJ	1 U	1 UJ	1 UJ	1 U
CHLORODIBROMOMETHANE	NA	NA	NA	1 U	1 UJ	1 U	1 UJ	1 UJ	1 U
CHLOROETHANE	NA	NA	NA	2 UJ	2 UJ	2 U	2 UJ	2 UJ	2 U
CHLOROFORM	NA	NA	NA	0.23 J	1 UJ	1 U	1 UJ	1 UJ	1 U
CHLOROMETHANE	NA	NA	NA	2 UJ	2 UJ	2 U	2 UJ	2 UJ	2 U
CIS-1,2-DICHLOROETHENE	NA	NA	NA	NA	NA	NA	NA	NA	1 U

LIGHT SHADING-DETECTED; U-NOT DETECTED; J-QUANTITATION APPROXIMATE; R-REJECTED; NA-NOT ANALYZED

SAMPLE ID	B8GW11AA	B8GW11AA-D	B8GW11AA-AVG	MW06-003-NWG-	MW06-013-NWG-	MW06-017-NWG-	MW06-018-NWG-	MW06-019-NWG-	MW06-301-NGW-
LOCATION ID	B8-MW-11	B8-MW-11	B8-MW-11	MW06-003	MW06-013	MW06-017	MW06-018	MW06-019	MW06-301
SAMPLE DATE	07/06/99	07/06/99	07/06/99	01/20/99	01/20/99	02/02/99	01/19/99	01/19/99	11/18/02
SACODE		DUPLICATE	AVERAGE						
CIS-1,3-DICHLOROPROPENE	NA	NA	NA	1 U	1 UJ	1 U	1 UJ	1 UJ	1 U
ETHYLBENZENE	5 U	5 U	5 U	1 U	1 UJ	1 U	1 UJ	1 UJ	1 U
M+P-XYLENES	20 U	20 U	20 U	NA	NA	NA	NA	NA	1 U
METHYL TERT-BUTYL ETHER	15 U	15 U	15 U	NA	NA	NA	NA	NA	NA
METHYLENE CHLORIDE	NA	NA	NA	2 U	2 UJ	2 U	2 UJ	2 UJ	2 U
O-XYLENE	10 U	10 U	10 U	1 U	1 UJ	1 U	1 UJ	1 UJ	1 U
STYRENE	NA	NA	NA	1 U	1 UJ	1 U	1 UJ	1 UJ	1 U
TETRACHLOROETHENE	NA	NA	NA	1 U	1 UJ	1 U	1 UJ	1 UJ	1 U
TOLUENE	15 U	15 U	15 U	1 U	1 UJ	1 U	1 UJ	1 UJ	1 U
TOTAL 1,2-DICHLOROETHENE	NA	NA	NA	1 U	1 UJ	1 U	1 UJ	1 UJ	1 U
TOTAL XYLENES	20 U	20 U	20 U	1 U	1 UJ	1 U	1 UJ	1 UJ	1 U
TRANS-1,2-DICHLOROETHENE	NA	NA	NA	NA	NA	NA	NA	NA	1 U
TRANS-1,3-DICHLOROPROPENE	NA	NA	NA	1 U	1 UJ	1 U	1 UJ	1 UJ	1 U
TRICHLOROETHENE	NA	NA	NA	1 U	1 UJ	1 U	1 UJ	1 UJ	1 U
VINYL CHLORIDE	NA	NA	NA	2 U	2 UJ	2 U	2 UJ	2 UJ	1 U
VOLATILE PETROLEUM HYDROCARBONS	20 U	20 U	20 U	NA	NA	NA	NA	NA	NA
VPH MADEP (UG/L)									
C5-C8 ALIPHATICS	20 U	20 U	20 U	NA	NA	NA	NA	NA	NA
C5-C8 ALIPHATICS (WEIGHTED 0.5)	NA	NA	NA	NA	NA	NA	NA	NA	NA
C5-C8 ALIPHATICS-UNADJ	NA	NA	NA	NA	NA	NA	NA	NA	NA
C9-C10 AROMATICS	20 U	20 U	20 U	NA	NA	NA	NA	NA	NA
C9-C10 AROMATICS (WEIGHTED 1.0)	NA	NA	NA	NA	NA	NA	NA	NA	NA
C9-C12 ALIPHATICS	20 U	20 U	20 U	NA	NA	NA	NA	NA	NA
C9-C12 ALIPHATICS (WEIGHTED 0.05)	NA	NA	NA	NA	NA	NA	NA	NA	NA
C9-C12 ALIPHATICS-UNADJ	NA	NA	NA	NA	NA	NA	NA	NA	NA
SEMIVOLATILES (UG/L)									
1,2,4-TRICHLOROBENZENE	NA	NA	NA	3 UJ	3 UJ	3 U	3 UJ	3 UJ	5.2 U
2,2'-OXYBIS(1-CHLOROPROPANE)	NA	NA	NA	4 U	4 U	4 U	4 U	4 U	5.2 U

LIGHT SHADING-DETECTED; U-NOT DETECTED; J-QUANTITATION APPROXIMATE; R-REJECTED; NA-NOT ANALYZED

SAMPLE ID	B8GW11AA	B8GW11AA-D	B8GW11AA-AVG	MW06-003-NWG-	MW06-013-NWG-	MW06-017-NWG-	MW06-018-NWG-	MW06-019-NWG-	MW06-301-NGW-
LOCATION ID	B8-MW-11	B8-MW-11	B8-MW-11	MW06-003	MW06-013	MW06-017	MW06-018	MW06-019	MW06-301
SAMPLE DATE	07/06/99	07/06/99	07/06/99	01/20/99	01/20/99	02/02/99	01/19/99	01/19/99	11/18/02
SACODE		DUPLICATE	AVERAGE						
2,4,5-TRICHLOROPHENOL	NA	NA	NA	3 U	3 U	3 U	3 U	3 U	5.2 U
2,4,6-TRICHLOROPHENOL	NA	NA	NA	3 U	3 U	3 U	3 U	3 U	5.2 U
2,4-DICHLOROPHENOL	NA	NA	NA	3 U	3 U	3 U	3 U	3 U	5.2 U
2,4-DIMETHYLPHENOL	NA	NA	NA	3 U	3 U	3 U	3 U	3 U	5.2 U
2,4-DINITROPHENOL	NA	NA	NA	6 U	6 U	6 UJ	6 U	6 U	10 U
2,4-DINITROTOLUENE	NA	NA	NA	4 U	4 U	4 U	4 U	4 U	5.2 U
2,6-DINITROTOLUENE	NA	NA	NA	4 U	4 U	4 U	4 U	4 U	5.2 U
2-CHLORONAPHTHALENE	NA	NA	NA	3 U	3 U	3 U	3 U	3 U	5.2 U
2-CHLOROPHENOL	NA	NA	NA	3 U	3 U	3 U	3 U	3 U	5.2 U
2-METHYLNAPHTHALENE	4.1 U	4 U	4.1 U	3 U	3 U	3 U	3 U	3 U	5.2 U
2-METHYLPHENOL	NA	NA	NA	4 U	4 U	4 U	4 U	4 U	5.2 U
2-NITROANILINE	NA	NA	NA	5 U	5 U	5 UJ	5 U	5 U	10 U
2-NITROPHENOL	NA	NA	NA	3 U	3 U	3 U	3 U	3 U	5.2 U
3&4-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,3'-DICHLOROBENZIDINE	NA	NA	NA	4 U	4 U	4 U	4 U	4 U	5.2 U
3-NITROANILINE	NA	NA	NA	4 U	4 U	4 UJ	4 U	4 U	10 U
4,6-DINITRO-2-METHYLPHENOL	NA	NA	NA	6 U	6 U	6 UJ	6 U	6 U	10 U
4-BROMOPHENYL PHENYL ETHER	NA	NA	NA	5 U	5 U	5 U	5 U	5 U	5.2 U
4-CHLORO-3-METHYLPHENOL	NA	NA	NA	4 U	4 U	4 U	4 U	4 U	10 U
4-CHLOROANILINE	NA	NA	NA	5 U	5 U	5 U	5 U	5 U	5.2 U
4-CHLOROPHENYL PHENYL ETHER	NA	NA	NA	4 U	4 U	4 U	4 U	4 U	5.2 U
4-METHYLPHENOL	NA	NA	NA	4 U	4 U	4 U	4 U	4 U	5.2 U
4-NITROANILINE	NA	NA	NA	4 U	4 U	4 UJ	4 U	4 U	10 U
4-NITROPHENOL	NA	NA	NA	5 U	5 U	5 UJ	5 U	5 U	10 U
ACENAPHTHENE	4.1 U	4 U	4.1 U	3 UJ	3 UJ	3 U	3 UJ	3 UJ	5.2 U
ACENAPHTHYLENE	4.1 U	4 U	4.1 U	4 U	4 U	4 U	4 U	4 U	5.2 U
ANTHRACENE	4.1 U	4 U	4.1 U	4 U	4 U	4 U	4 U	4 U	5.2 U
BENZO(A)ANTHRACENE	4.1 U	4 U	4.1 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.10 U
BENZO(A)PYRENE	4.1 U	4 U	4.1 U	0.02 UJ	0.02 UJ	0.02 U	0.02 U	0.02 U	0.10 U

LIGHT SHADING-DETECTED; U-NOT DETECTED; J-QUANTITATION APPROXIMATE; R-REJECTED; NA-NOT ANALYZED

ATTACHMENT 2
ANALYTICAL RESULTS - GROUNDWATER
INDUSTRIAL OPERATIONS AREA
NAS SOUTH WEYMOUTH, WEYMOUTH, MASSACHUSETTS

SAMPLE ID	B8GW11AA	B8GW11AA-D	B8GW11AA-AVG	MW06-003-NWG-	MW06-013-NWG-	MW06-017-NWG-	MW06-018-NWG-	MW06-019-NWG-	MW06-301-NGW-
LOCATION ID	B8-MW-11	B8-MW-11	B8-MW-11	MW06-003	MW06-013	MW06-017	MW06-018	MW06-019	MW06-301
SAMPLE DATE	07/06/99	07/06/99	07/06/99	01/20/99	01/20/99	02/02/99	01/19/99	01/19/99	11/18/02
SACODE		DUPLICATE	AVERAGE						
BENZO(B)FLUORANTHENE	4.1 U	4 U	4.1 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.10 U
BENZO(G,H,I)PERYLENE	4.1 U	4 U	4.1 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.10 U
BENZO(K)FLUORANTHENE	4.1 U	4 U	4.1 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.10 U
BIS(2-CHLOROETHOXY)METHANE	NA	NA	NA	4 U	4 U	4 U	4 U	4 U	5.2 U
BIS(2-CHLOROETHYL)ETHER	NA	NA	NA	4 U	4 U	4 U	4 U	4 U	5.2 U
BIS(2-ETHYLHEXYL)PHTHALATE	NA	NA	NA	7 U	7 U	2 J	7 U	7 U	5.2 U
BUTYL BENZYL PHTHALATE	NA	NA	NA	4 U	4 U	4 U	4 U	4 U	5.2 U
CARBAZOLE	NA	NA	NA	5 U	5 U	5 U	5 U	5 U	5.2 U
CHRYSENE	4.1 U	4 U	4.1 U	3 U	3 U	3 U	3 U	3 U	5.2 U
DIBENZO(A,H)ANTHRACENE	4.1 U	4 U	4.1 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.10 U
DIBENZOFURAN	NA	NA	NA	4 U	4 U	4 U	4 U	4 U	5.2 U
DIETHYL PHTHALATE	NA	NA	NA	3 U	3 U	3 U	3 U	3 U	5.2 U
DIMETHYL PHTHALATE	NA	NA	NA	3 U	3 U	3 U	3 U	3 U	5.2 U
DI-N-BUTYL PHTHALATE	NA	NA	NA	4 U	4 U	4 U	4 U	4 U	5.2 U
DI-N-OCTYL PHTHALATE	NA	NA	NA	4 U	4 U	4 U	4 U	4 U	5.2 U
FLUORANTHENE	4.1 U	4 U	4.1 U	5 U	5 U	5 U	5 U	5 U	5.2 U
FLUORENE	4.1 U	4 U	4.1 U	4 U	4 U	4 U	4 U	4 U	5.2 U
HEXACHLOROBENZENE	NA	NA	NA	6 U	6 U	6 U	6 U	6 U	5.2 U
HEXACHLOROBUTADIENE	NA	NA	NA	4 U	4 U	4 U	4 U	4 U	5.2 U
HEXACHLOROCYCLOPENTADIENE	NA	NA	NA	2 U	2 U	2 R	2 U	2 U	5.2 U
HEXACHLOROETHANE	NA	NA	NA	3 U	3 U	3 U	3 U	3 U	5.2 U
INDENO(1,2,3-CD)PYRENE	4.1 U	4 U	4.1 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.10 U
ISOPHORONE	NA	NA	NA	4 U	4 U	4 U	4 U	4 U	5.2 U
NAPHTHALENE	4.1 U	4 U	4.1 U	3 U	3 U	3 U	3 U	3 U	5.2 U
NITROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	5.2 U
N-NITROSO-DI-N-PROPYLAMINE	NA	NA	NA	4 U	4 U	4 U	4 U	4 U	5.2 U
N-NITROSODIPHENYLAMINE	NA	NA	NA	4 U	4 U	4 U	4 U	4 U	5.2 U
PENTACHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	10 UJ
PHENANTHRENE	4.1 U	4 U	4.1 U	5 U	5 U	5 U	5 U	5 U	5.2 U

LIGHT SHADING-DETECTED; U-NOT DETECTED; J-QUANTITATION APPROXIMATE; R-REJECTED; NA-NOT ANALYZED

SAMPLE ID	B8GW11AA	B8GW11AA-D	B8GW11AA-AVG	MW06-003-NWG-	MW06-013-NWG-	MW06-017-NWG-	MW06-018-NWG-	MW06-019-NWG-	MW06-301-NGW-
LOCATION ID	B8-MW-11	B8-MW-11	B8-MW-11	MW06-003	MW06-013	MW06-017	MW06-018	MW06-019	MW06-301
SAMPLE DATE	07/06/99	07/06/99	07/06/99	01/20/99	01/20/99	02/02/99	01/19/99	01/19/99	11/18/02
SACODE		DUPLICATE	AVERAGE						
PHENOL	NA	NA	NA	4 U	4 U	4 U	4 U	4 U	5.2 U
PYRENE	4.1 U	4 U	4.1 U	4 U	4 U	4 U	4 U	4 U	5.2 U
EPH MADEP (UG/L)									
C10-C22 AROMATICS	NA	NA	NA	NA	NA	NA	NA	NA	NA
C11-C22 AROMATICS	100 U	100 U	100 U	180 U	170 U	170 U	180 U	180 U	NA
C11-C22 AROMATICS (WEIGHTED 1.0)	NA	NA	NA	NA	NA	NA	NA	NA	NA
C11-C22 AROMATICS-UNADJ	NA	NA	NA	180 U	170 U	170 U	180 U	180 U	NA
C19-C36 ALIPHATICS	NA	NA	NA	82 UJ	82 UJ	80 UJ	84 UJ	85 UJ	NA
C19-C36 ALIPHATICS (WEIGHTED 0.005)	NA	NA	NA	NA	NA	NA	NA	NA	NA
C9-C18 ALIPHATICS	NA	NA	NA	62 UJ	61 UJ	60 UJ	63 U	64 U	NA
C9-C18 ALIPHATICS (WEIGHTED 0.05)	NA	NA	NA	NA	NA	NA	NA	NA	NA
EXTRACTABLE PETROLEUM HYDROCARBONS	NA	NA	NA	NA	NA	NA	NA	NA	NA
POLYCYCLIC AROMATIC HYDROCARBONS (UG/L)									
1,1-BIPHENYL	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-METHYLNAPHTHALENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-METHYLPHENANTHRENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,5-TRIMETHYLNAPHTHALENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6-DIMETHYLNAPHTHALENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(E)PYRENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIBENZOTHIOPHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
PERYLENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
TOTAL METHYLNAPHTHALENES	NA	NA	NA	NA	NA	NA	NA	NA	NA
PESTICIDES/PCBS (UG/L)									
4,4'-DDD	NA	NA	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	NA
4,4'-DDE	NA	NA	NA	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	NA
4,4'-DDT	NA	NA	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	NA

SAMPLE ID	B8GW11AA	B8GW11AA-D	B8GW11AA-AVG	MW06-003-NWG-	MW06-013-NWG-	MW06-017-NWG-	MW06-018-NWG-	MW06-019-NWG-	MW06-301-NGW-
LOCATION ID	B8-MW-11	B8-MW-11	B8-MW-11	MW06-003	MW06-013	MW06-017	MW06-018	MW06-019	MW06-301
SAMPLE DATE	07/06/99	07/06/99	07/06/99	01/20/99	01/20/99	02/02/99	01/19/99	01/19/99	11/18/02
SACODE		DUPLICATE	AVERAGE						
ALDRIN	NA	NA	NA	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	NA
ALPHA-BHC	NA	NA	NA	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	NA
ALPHA-CHLORDANE	NA	NA	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	NA
AROCLOR-1016	NA	NA	NA	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	NA
AROCLOR-1221	NA	NA	NA	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	NA
AROCLOR-1232	NA	NA	NA	0.76 U	0.76 U	0.76 U	0.76 U	0.76 U	NA
AROCLOR-1242	NA	NA	NA	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	NA
AROCLOR-1248	NA	NA	NA	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	NA
AROCLOR-1254	NA	NA	NA	0.68 U	0.68 U	0.68 U	0.68 U	0.68 U	NA
AROCLOR-1260	NA	NA	NA	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	NA
BETA-BHC	NA	NA	NA	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	NA
DELTA-BHC	NA	NA	NA	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	NA
DIELDRIN	NA	NA	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	NA
ENDOSULFAN I	NA	NA	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA
ENDOSULFAN II	NA	NA	NA	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	NA
ENDOSULFAN SULFATE	NA	NA	NA	NA	NA	NA	NA	NA	NA
ENDRIN	NA	NA	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	NA
ENDRIN ALDEHYDE	NA	NA	NA	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	NA
ENDRIN KETONE	NA	NA	NA	NA	NA	NA	NA	NA	NA
GAMMA-BHC (LINDANE)	NA	NA	NA	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	NA
GAMMA-CHLORDANE	NA	NA	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	NA
HEPTACHLOR	NA	NA	NA	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	NA
HEPTACHLOR EPOXIDE	NA	NA	NA	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	NA
METHOXYCHLOR	NA	NA	NA	NA	NA	NA	NA	NA	NA
TOXAPHENE	NA	NA	NA	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U	NA
METALS (UG/L)									
ALUMINUM	NA	NA	NA	272 J	19400 J	65 U	73.4 J	80.6 J	18 UJ
ANTIMONY	NA	NA	NA	1 U	1 U	1.1 U	1 U	1 U	10 U
ARSENIC	NA	NA	NA	2 U	2.9 J	2 U	4.1 J	2 U	5 U

LIGHT SHADING-DETECTED; U-NOT DETECTED; J-QUANTITATION APPROXIMATE; R-REJECTED; NA-NOT ANALYZED

ATTACHMENT 2
ANALYTICAL RESULTS - GROUNDWATER
INDUSTRIAL OPERATIONS AREA
NAS SOUTH WEYMOUTH, WEYMOUTH, MASSACHUSETTS

SAMPLE ID	B8GW11AA	B8GW11AA-D	B8GW11AA-AVG	MW06-003-NWG-	MW06-013-NWG-	MW06-017-NWG-	MW06-018-NWG-	MW06-019-NWG-	MW06-301-NGW-
LOCATION ID	B8-MW-11	B8-MW-11	B8-MW-11	MW06-003	MW06-013	MW06-017	MW06-018	MW06-019	MW06-301
SAMPLE DATE	07/06/99	07/06/99	07/06/99	01/20/99	01/20/99	02/02/99	01/19/99	01/19/99	11/18/02
SACODE		DUPLICATE	AVERAGE						
BARIUM	NA	NA	NA	8 U	660	6 U	18.2 J	10.9 J	57 U
BERYLLIUM	NA	NA	NA	0.20 U	6.9	0.60 U	0.20 U	0.20 U	5 U
CADMIUM	NA	NA	NA	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	5 U
CALCIUM	NA	NA	NA	1190	81400	2510	16800	15600	12000 J
CHROMIUM	NA	NA	NA	4 U	13	2.2 U	4 U	4 U	10 U
COBALT	NA	NA	NA	7 U	7 U	4 UJ	7 U	7 U	50 U
COPPER	NA	NA	NA	5 U	63.2	2.5 J	5 U	5 U	25 U
IRON	NA	NA	NA	332 U	1280 J	56.8 J	2040 J	53 U	100 UJ
LEAD	NA	NA	NA	1 U	18.1	8.8 U	3.4 U	1 U	5 U
MAGNESIUM	NA	NA	NA	173 J	2680	84.9 J	1240	1170	2900
MANGANESE	NA	NA	NA	8.8 J	130	2 U	91	8 U	180
MERCURY	NA	NA	NA	0.10 U	0.10 U	0.10 UJ	0.15 U	0.11 U	0.037 U
NICKEL	NA	NA	NA	5 U	5 U	2 U	5 U	5 U	40 U
POTASSIUM	NA	NA	NA	327 J	5940	347 J	1860	1420	3400 J
SELENIUM	NA	NA	NA	2 U	2 U	2.5 U	6.5	2 U	5 U
SILVER	NA	NA	NA	1.1 J	1 U	1 U	1.6 J	1 U	7 U
SODIUM	NA	NA	NA	8460	44300	3690	5910	3810	42000 J
THALLIUM	NA	NA	NA	1 U	1 U	1 U	1 UJ	1 UJ	5 U
VANADIUM	NA	NA	NA	3 U	175	3 UJ	3 U	3 U	0.46 U
ZINC	NA	NA	NA	12 U	87.5	12 U	12 U	12 U	2.9 U
MISCELLANEOUS PARAMETERS (UG/L)									
CYANIDE	NA	NA	NA	NA	10 UJ	10 UJ	10 U	10 U	10 U
FIELD (C)									
TEMPERATURE	NA	NA	NA	7.5	12.94	5.44	10.62	10.86	NA
FIELD (MG/L)									
DISSOLVED OXYGEN	NA	NA	NA	4.3	5.3	41	8.4	4.3	NA
FIELD (MS/CM)									
CONDUCTIVITY	NA	NA	NA	NA	NA	NA	NA	NA	NA

LIGHT SHADING-DETECTED; U-NOT DETECTED; J-QUANTITATION APPROXIMATE; R-REJECTED; NA-NOT ANALYZED

SAMPLE ID	B8GW11AA	B8GW11AA-D	B8GW11AA-AVG	MW06-003-NWG-	MW06-013-NWG-	MW06-017-NWG-	MW06-018-NWG-	MW06-019-NWG-	MW06-301-NGW-
LOCATION ID	B8-MW-11	B8-MW-11	B8-MW-11	MW06-003	MW06-013	MW06-017	MW06-018	MW06-019	MW06-301
SAMPLE DATE	07/06/99	07/06/99	07/06/99	01/20/99	01/20/99	02/02/99	01/19/99	01/19/99	11/18/02
SACODE		DUPLICATE	AVERAGE						
SPECIFIC CONDUCTANCE	NA	NA	NA	0.09	0.502	0.983	0.223	0.177	NA
FIELD (MV)									
OXIDATION REDUCTION POTENTIAL	NA	NA	NA	218.1	245.4	216	75	140.4	NA
FIELD (NTU)									
TURBIDITY	NA	NA	NA	28.5	NA	7.9	17.4	16.8	NA
FIELD (S.U.)									
PH	NA	NA	NA	5.71	6.12	5.94	6.98	7.09	NA
TCLP VOLATILES (UG/L)									
BENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA

LIGHT SHADING-DETECTED; U-NOT DETECTED; J-QUANTITATION APPROXIMATE; R-REJECTED; NA-NOT ANALYZED

ATTACHMENT 2
ANALYTICAL RESULTS - GROUNDWATER
INDUSTRIAL OPERATIONS AREA
NAS SOUTH WEYMOUTH, WEYMOUTH, MASSACHUSETTS

SAMPLE ID	MW06-302-NGW-	MW06-302-NGW-	MW06-302-NGW-	MW06-303-NGW-	MW06-304-NGW-	MW07-301-NGW-	MW09-010-NWG-	MW09-011-NWG-	MW09-012-NWG-
LOCATION ID	MW06-302	MW06-302	MW06-302	MW06-303	MW06-304	MW07-301	MW09-010	MW09-011	MW09-012
SAMPLE DATE	11/15/02	11/15/02	11/15/02	11/15/02	11/20/02	11/14/02	01/27/99	01/15/99	01/25/99
SACODE		DUPLICATE	AVERAGE						
VOLATILES (UG/L)									
1,1,1-TRICHLOROETHANE	1 U	0.12 J	0.31 J	1 U	1 U	1 U	1 UJ	1 UJ	1 U
1,1,2,2-TETRACHLOROETHANE	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 UJ	1 U
1,1,2-TRICHLOROETHANE	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 UJ	1 U
1,1-DICHLOROETHANE	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 UJ	1 U
1,1-DICHLOROETHENE	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 UJ	0.71 J
1,2-DIBROMO-3-CHLOROPROPANE	2 U	2 U	2 U	2 U	2 U	2 U	0.02 UJ	0.02 UJ	0.02 UJ
1,2-DIBROMOETHANE	1 U	1 U	1 U	1 U	1 U	1 U	0.02 UJ	0.02 UJ	0.02 UJ
1,2-DICHLOROBENZENE	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 UJ	1 U
1,2-DICHLOROETHANE	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 UJ	1 U
1,2-DICHLOROPROPANE	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 UJ	1 U
1,3-DICHLOROBENZENE	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 UJ	1 U
1,4-DICHLOROBENZENE	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 UJ	1 U
2-BUTANONE	5 R	5 R	5 R	5 R	5 R	5 R	5 R	5 R	5 R
2-HEXANONE	5 U	5 U	5 U	5 U	5 U	5 U	5 UJ	5 UJ	5 U
4-METHYL-2-PENTANONE	5 U	5 U	5 U	5 U	5 U	5 U	5 UJ	5 UJ	5 U
ACETONE	5 U	5 U	5 U	5 U	5 UJ	5 U	10 R	10 R	10 R
BENZENE	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 UJ	1 U
BROMODICHLOROMETHANE	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 UJ	1 UJ
BROMOFORM	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 UJ	1 U
BROMOMETHANE	2 U	2 U	2 U	2 U	2 U	2 U	2 UJ	2 UJ	2 UJ
CARBON DISULFIDE	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 UJ	1 U
CARBON TETRACHLORIDE	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 UJ	1 U
CHLOROBENZENE	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 UJ	1 U
CHLORODIBROMOMETHANE	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 UJ	1 U
CHLOROETHANE	2 U	2 U	2 U	2 U	2 U	2 U	2 UJ	2 UJ	2 UJ
CHLOROFORM	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 UJ	1 U
CHLOROMETHANE	2 U	2 U	2 U	2 U	2 U	2 U	2 UJ	2 UJ	2 UJ
CIS-1,2-DICHLOROETHENE	1 U	1 U	1 U	1 U	1 U	1 U	NA	NA	NA

LIGHT SHADING-DETECTED; U-NOT DETECTED; J-QUANTITATION APPROXIMATE; R-REJECTED; NA-NOT ANALYZED

SAMPLE ID	MW06-302-NGW-	MW06-302-NGW-	MW06-302-NGW-	MW06-303-NGW-	MW06-304-NGW-	MW07-301-NGW-	MW09-010-NWG-	MW09-011-NWG-	MW09-012-NWG-
LOCATION ID	MW06-302	MW06-302	MW06-302	MW06-303	MW06-304	MW07-301	MW09-010	MW09-011	MW09-012
SAMPLE DATE	11/15/02	11/15/02	11/15/02	11/15/02	11/20/02	11/14/02	01/27/99	01/15/99	01/25/99
SACODE		DUPLICATE	AVERAGE						
CIS-1,3-DICHLOROPROPENE	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 UJ	1 UJ
ETHYLBENZENE	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 UJ	10
M+P-XYLENES	1 U	1 U	1 U	1 U	1 U	1 U	NA	NA	NA
METHYL TERT-BUTYL ETHER	NA	NA	NA	NA	NA	NA	7	5 U	15 U
METHYLENE CHLORIDE	2 U	2 U	2 U	2 U	2 U	2 U	2 UJ	2 UJ	2 U
O-XYLENE	1 U	1 U	1 U	1 U	1 U	1 U	0.30 J	1 UJ	2.3
STYRENE	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 UJ	1 U
TETRACHLOROETHENE	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 UJ	1 U
TOLUENE	1 U	1 U	1 U	1 U	1 U	1 U	12.8	1 UJ	1 U
TOTAL 1,2-DICHLOROETHENE	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 UJ	1 U
TOTAL XYLENES	1 U	1 U	1 U	1 U	1 U	1 U	1.6 J	1 UJ	20
TRANS-1,2-DICHLOROETHENE	1 U	1 U	1 U	1 U	1 U	1 U	NA	NA	NA
TRANS-1,3-DICHLOROPROPENE	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 UJ	1 U
TRICHLOROETHENE	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 UJ	1 U
VINYL CHLORIDE	1 U	1 U	1 U	1 U	1 U	1 U	2 UJ	2 UJ	2 U
VOLATILE PETROLEUM HYDROCARBONS	NA	NA	NA	NA	NA	NA	NA	NA	1200
VPH MADEP (UG/L)									
C5-C8 ALIPHATICS	NA	NA	NA	NA	NA	NA	411	100 U	1100 J
C5-C8 ALIPHATICS (WEIGHTED 0.5)	NA	NA	NA	NA	NA	NA	NA	NA	NA
C5-C8 ALIPHATICS-UNADJ	NA	NA	NA	NA	NA	NA	431	100 U	NA
C9-C10 AROMATICS	NA	NA	NA	NA	NA	NA	100 U	100 U	32
C9-C10 AROMATICS (WEIGHTED 1.0)	NA	NA	NA	NA	NA	NA	NA	NA	NA
C9-C12 ALIPHATICS	NA	NA	NA	NA	NA	NA	100 U	100 U	51
C9-C12 ALIPHATICS (WEIGHTED 0.05)	NA	NA	NA	NA	NA	NA	NA	NA	NA
C9-C12 ALIPHATICS-UNADJ	NA	NA	NA	NA	NA	NA	100 U	100 U	NA
SEMIVOLATILES (UG/L)									
1,2,4-TRICHLOROBENZENE	5.1 U	NA	5.1 U	5.1 U	5.3 U	5.1 U	3 U	3 U	3 U
2,2'-OXYBIS(1-CHLOROPROPANE)	5.1 U	NA	5.1 U	5.1 U	5.3 U	5.1 U	4 U	4 U	4 U

LIGHT SHADING-DETECTED; U-NOT DETECTED; J-QUANTITATION APPROXIMATE; R-REJECTED; NA-NOT ANALYZED

ATTACHMENT 2
ANALYTICAL RESULTS - GROUNDWATER
INDUSTRIAL OPERATIONS AREA
NAS SOUTH WEYMOUTH, WEYMOUTH, MASSACHUSETTS

SAMPLE ID	MW06-302-NGW-	MW06-302-NGW-	MW06-302-NGW-	MW06-303-NGW-	MW06-304-NGW-	MW07-301-NGW-	MW09-010-NWG-	MW09-011-NWG-	MW09-012-NWG-
LOCATION ID	MW06-302	MW06-302	MW06-302	MW06-303	MW06-304	MW07-301	MW09-010	MW09-011	MW09-012
SAMPLE DATE	11/15/02	11/15/02	11/15/02	11/15/02	11/20/02	11/14/02	01/27/99	01/15/99	01/25/99
SACODE		DUPLICATE	AVERAGE						
2,4,5-TRICHLOROPHENOL	5.1 U	NA	5.1 U	5.1 U	5.3 U	5.1 U	3 U	3 U	3 U
2,4,6-TRICHLOROPHENOL	5.1 U	NA	5.1 U	5.1 U	5.3 U	5.1 U	3 U	3 U	3 U
2,4-DICHLOROPHENOL	5.1 U	NA	5.1 U	5.1 U	5.3 U	5.1 U	3 U	3 U	3 U
2,4-DIMETHYLPHENOL	5.1 U	NA	5.1 U	5.1 U	5.3 U	5.1 U	3 U	3 U	3 U
2,4-DINITROPHENOL	10 U	NA	10 U	10 U	11 U	10 U	6 UJ	6 U	6 UJ
2,4-DINITROTOLUENE	5.1 U	NA	5.1 U	5.1 U	5.3 U	5.1 U	4 U	4 U	4 U
2,6-DINITROTOLUENE	5.1 U	NA	5.1 U	5.1 U	5.3 U	5.1 U	4 U	4 U	4 U
2-CHLORONAPHTHALENE	5.1 U	NA	5.1 U	5.1 U	5.3 U	5.1 U	3 U	3 U	3 U
2-CHLOROPHENOL	5.1 U	NA	5.1 U	5.1 U	5.3 U	5.1 U	3 U	3 U	3 U
2-METHYLNAPHTHALENE	5.1 U	NA	5.1 U	5.1 U	5.3 U	5.1 U	3 U	3 U	3 U
2-METHYLPHENOL	5.1 U	NA	5.1 U	5.1 U	5.3 U	5.1 U	4 U	4 U	4 U
2-NITROANILINE	10 U	NA	10 U	10 U	11 U	10 U	5 UJ	5 U	5 UJ
2-NITROPHENOL	5.1 U	NA	5.1 U	5.1 U	5.3 U	5.1 U	3 U	3 U	3 U
3&4-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,3'-DICHLOROBENZIDINE	5.1 U	NA	5.1 U	5.1 U	5.3 U	5.1 U	4 U	4 U	4 U
3-NITROANILINE	10 U	NA	10 U	10 U	11 U	10 U	4 UJ	4 U	4 UJ
4,6-DINITRO-2-METHYLPHENOL	10 U	NA	10 U	10 U	11 U	10 U	6 UJ	6 U	6 UJ
4-BROMOPHENYL PHENYL ETHER	5.1 U	NA	5.1 U	5.1 U	5.3 U	5.1 U	5 U	5 U	5 U
4-CHLORO-3-METHYLPHENOL	10 U	NA	10 U	10 U	11 U	10 U	4 U	4 U	4 U
4-CHLOROANILINE	5.1 U	NA	5.1 U	5.1 U	5.3 U	5.1 U	5 U	5 U	5 U
4-CHLOROPHENYL PHENYL ETHER	5.1 U	NA	5.1 U	5.1 U	5.3 U	5.1 U	4 U	4 U	4 U
4-METHYLPHENOL	5.1 U	NA	5.1 U	5.1 U	5.3 U	5.1 U	4 U	4 U	4 U
4-NITROANILINE	10 U	NA	10 U	10 U	11 U	10 U	4 UJ	4 U	4 UJ
4-NITROPHENOL	10 U	NA	10 U	10 U	11 U	10 U	5 UJ	5 U	5 UJ
ACENAPHTHENE	5.1 U	NA	5.1 U	5.1 U	5.3 U	5.1 U	3 U	3 U	3 U
ACENAPHTHYLENE	5.1 U	NA	5.1 U	5.1 U	5.3 U	5.1 U	4 U	4 U	4 U
ANTHRACENE	5.1 U	NA	5.1 U	5.1 U	5.3 U	5.1 U	4 U	4 U	4 U
BENZO(A)ANTHRACENE	0.10 U	NA	0.10 U	0.10 U	0.10 U	5.1 U	0.01 U	0.01 U	0.01 U
BENZO(A)PYRENE	0.10 U	NA	0.10 U	0.10 U	0.10 U	5.1 U	0.02 U	0.02 UJ	0.02 U

LIGHT SHADING-DETECTED; U-NOT DETECTED; J-QUANTITATION APPROXIMATE; R-REJECTED; NA-NOT ANALYZED

SAMPLE ID	MW06-302-NGW-	MW06-302-NGW-	MW06-302-NGW-	MW06-303-NGW-	MW06-304-NGW-	MW07-301-NGW-	MW09-010-NWG-	MW09-011-NWG-	MW09-012-NWG-
LOCATION ID	MW06-302	MW06-302	MW06-302	MW06-303	MW06-304	MW07-301	MW09-010	MW09-011	MW09-012
SAMPLE DATE	11/15/02	11/15/02	11/15/02	11/15/02	11/20/02	11/14/02	01/27/99	01/15/99	01/25/99
SACODE		DUPLICATE	AVERAGE						
BENZO(B)FLUORANTHENE	0.10 U	NA	0.10 U	0.10 U	0.10 U	5.1 U	0.02 U	0.02 U	0.02 U
BENZO(G,H,I)PERYLENE	0.10 U	NA	0.10 U	0.10 U	0.10 U	5.1 U	0.02 U	0.02 U	0.02 U
BENZO(K)FLUORANTHENE	0.10 U	NA	0.10 U	0.10 U	0.10 U	5.1 U	0.008 U	0.008 U	0.008 U
BIS(2-CHLOROETHOXY)METHANE	5.1 U	NA	5.1 U	5.1 U	5.3 U	5.1 U	4 U	4 U	4 U
BIS(2-CHLOROETHYL)ETHER	5.1 U	NA	5.1 U	5.1 U	5.3 U	5.1 U	4 U	4 U	4 U
BIS(2-ETHYLHEXYL)PHTHALATE	5.1 U	NA	5.1 U	5.1 U	5.3 U	5.1 U	7 U	3 J	7 U
BUTYL BENZYL PHTHALATE	5.1 U	NA	5.1 U	5.1 U	5.3 U	5.1 U	4 U	4 U	4 U
CARBAZOLE	5.1 U	NA	5.1 U	5.1 U	5.3 U	5.1 U	5 U	5 U	5 U
CHRYSENE	5.1 U	NA	5.1 U	5.1 U	5.3 U	5.1 U	3 U	3 U	3 U
DIBENZO(A,H)ANTHRACENE	0.10 U	NA	0.10 U	0.10 U	0.10 U	5.1 U	0.02 U	0.02 U	0.02 U
DIBENZOFURAN	5.1 U	NA	5.1 U	5.1 U	5.3 U	5.1 U	4 U	4 U	4 U
DIETHYL PHTHALATE	5.1 U	NA	5.1 U	5.1 U	5.3 U	5.1 U	3 U	3 U	3 U
DIMETHYL PHTHALATE	5.1 U	NA	5.1 U	5.1 U	5.3 U	5.1 U	3 U	3 U	3 U
DI-N-BUTYL PHTHALATE	5.1 U	NA	5.1 U	5.1 U	5.3 U	5.1 U	4 U	4 U	4 U
DI-N-OCTYL PHTHALATE	5.1 U	NA	5.1 U	5.1 U	5.3 U	5.1 U	4 U	4 U	4 U
FLUORANTHENE	5.1 U	NA	5.1 U	5.1 U	5.3 U	5.1 U	5 U	5 U	5 U
FLUORENE	5.1 U	NA	5.1 U	5.1 U	5.3 U	5.1 U	4 U	4 U	4 U
HEXACHLOROBENZENE	5.1 U	NA	5.1 U	5.1 U	5.3 U	5.1 U	6 U	6 U	6 U
HEXACHLOROBUTADIENE	5.1 U	NA	5.1 U	5.1 U	5.3 U	5.1 U	4 U	4 U	4 U
HEXACHLOROCYCLOPENTADIENE	5.1 U	NA	5.1 U	5.1 U	5.3 U	5.1 U	2 R	2 U	2 R
HEXACHLOROETHANE	5.1 U	NA	5.1 U	5.1 U	5.3 U	5.1 U	3 U	3 U	3 U
INDENO(1,2,3-CD)PYRENE	0.10 U	NA	0.10 U	0.10 U	0.10 U	5.1 U	0.04 U	0.04 U	0.04 U
ISOPHORONE	5.1 U	NA	5.1 U	5.1 U	5.3 U	5.1 U	4 U	4 U	4 U
NAPHTHALENE	5.1 U	NA	5.1 U	5.1 U	5.3 U	5.1 U	3 U	3 U	3 U
NITROBENZENE	5.1 U	NA	5.1 U	5.1 U	5.3 U	5.1 U	NA	NA	NA
N-NITROSO-DI-N-PROPYLAMINE	5.1 U	NA	5.1 U	5.1 U	5.3 U	5.1 U	4 U	4 U	4 U
N-NITROSODIPHENYLAMINE	5.1 U	NA	5.1 U	5.1 U	5.3 U	5.1 U	4 U	4 U	4 U
PENTACHLOROPHENOL	10 UJ	NA	10 UJ	10 UJ	11 U	10 UJ	NA	NA	NA
PHENANTHRENE	5.1 U	NA	5.1 U	5.1 U	5.3 U	5.1 U	5 U	5 U	5 U

LIGHT SHADING-DETECTED; U-NOT DETECTED; J-QUANTITATION APPROXIMATE; R-REJECTED; NA-NOT ANALYZED

SAMPLE ID	MW06-302-NGW-	MW06-302-NGW-	MW06-302-NGW-	MW06-303-NGW-	MW06-304-NGW-	MW07-301-NGW-	MW09-010-NWG-	MW09-011-NWG-	MW09-012-NWG-
LOCATION ID	MW06-302	MW06-302	MW06-302	MW06-303	MW06-304	MW07-301	MW09-010	MW09-011	MW09-012
SAMPLE DATE	11/15/02	11/15/02	11/15/02	11/15/02	11/20/02	11/14/02	01/27/99	01/15/99	01/25/99
SACODE		DUPLICATE	AVERAGE						
PHENOL	5.1 U	NA	5.1 U	5.1 U	5.3 U	5.1 U	4 U	4 U	4 U
PYRENE	5.1 U	NA	5.1 U	5.1 U	5.3 U	5.1 U	4 U	4 U	4 U
EPH MADEP (UG/L)									
C10-C22 AROMATICS	NA	NA	NA	NA	NA	NA	NA	NA	NA
C11-C22 AROMATICS	NA	NA	NA	NA	NA	NA	170 U	180 U	160 U
C11-C22 AROMATICS (WEIGHTED 1.0)	NA	NA	NA	NA	NA	NA	NA	NA	NA
C11-C22 AROMATICS-UNADJ	NA	NA	NA	NA	NA	NA	170 U	180 U	NA
C19-C36 ALIPHATICS	NA	NA	NA	NA	NA	NA	80 UJ	84 UJ	60 U
C19-C36 ALIPHATICS (WEIGHTED 0.005)	NA	NA	NA	NA	NA	NA	NA	NA	NA
C9-C18 ALIPHATICS	NA	NA	NA	NA	NA	NA	60 UJ	63 U	60 U
C9-C18 ALIPHATICS (WEIGHTED 0.05)	NA	NA	NA	NA	NA	NA	NA	NA	NA
EXTRACTABLE PETROLEUM HYDROCARBONS	NA	NA	NA	NA	NA	NA	NA	NA	280 U
POLYCYCLIC AROMATIC HYDROCARBONS (UG/L)									
1,1-BIPHENYL	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-METHYLNAPHTHALENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-METHYLPHENANTHRENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,5-TRIMETHYLNAPHTHALENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6-DIMETHYLNAPHTHALENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(E)PYRENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIBENZOTHIOPHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
PERYLENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
TOTAL METHYLNAPHTHALENES	NA	NA	NA	NA	NA	NA	NA	NA	NA
PESTICIDES/PCBS (UG/L)									
4,4'-DDD	NA	NA	NA	NA	NA	0.013 UJ	NA	NA	NA
4,4'-DDE	NA	NA	NA	NA	NA	0.013 UJ	NA	NA	NA
4,4'-DDT	NA	NA	NA	NA	NA	0.013 UJ	NA	NA	NA

LIGHT SHADING-DETECTED; U-NOT DETECTED; J-QUANTITATION APPROXIMATE; R-REJECTED; NA-NOT ANALYZED

SAMPLE ID	MW06-302-NGW-	MW06-302-NGW-	MW06-302-NGW-	MW06-303-NGW-	MW06-304-NGW-	MW07-301-NGW-	MW09-010-NWG-	MW09-011-NWG-	MW09-012-NWG-
LOCATION ID	MW06-302	MW06-302	MW06-302	MW06-303	MW06-304	MW07-301	MW09-010	MW09-011	MW09-012
SAMPLE DATE	11/15/02	11/15/02	11/15/02	11/15/02	11/20/02	11/14/02	01/27/99	01/15/99	01/25/99
SACODE		DUPLICATE	AVERAGE						
ALDRIN	NA	NA	NA	NA	NA	0.0064 UJ	NA	NA	NA
ALPHA-BHC	NA	NA	NA	NA	NA	0.0064 UJ	NA	NA	NA
ALPHA-CHLORDANE	NA	NA	NA	NA	NA	0.0064 UJ	NA	NA	NA
AROCLOR-1016	NA	NA	NA	NA	NA	0.20 UJ	NA	NA	NA
AROCLOR-1221	NA	NA	NA	NA	NA	0.20 UJ	NA	NA	NA
AROCLOR-1232	NA	NA	NA	NA	NA	0.20 UJ	NA	NA	NA
AROCLOR-1242	NA	NA	NA	NA	NA	0.20 UJ	NA	NA	NA
AROCLOR-1248	NA	NA	NA	NA	NA	0.20 UJ	NA	NA	NA
AROCLOR-1254	NA	NA	NA	NA	NA	0.20 UJ	NA	NA	NA
AROCLOR-1260	NA	NA	NA	NA	NA	0.20 UJ	NA	NA	NA
BETA-BHC	NA	NA	NA	NA	NA	0.0064 UJ	NA	NA	NA
DELTA-BHC	NA	NA	NA	NA	NA	0.0064 UJ	NA	NA	NA
DIELDRIN	NA	NA	NA	NA	NA	0.013 UJ	NA	NA	NA
ENDOSULFAN I	NA	NA	NA	NA	NA	0.0064 UJ	NA	NA	NA
ENDOSULFAN II	NA	NA	NA	NA	NA	0.013 UJ	NA	NA	NA
ENDOSULFAN SULFATE	NA	NA	NA	NA	NA	0.013 UJ	NA	NA	NA
ENDRIN	NA	NA	NA	NA	NA	0.013 UJ	NA	NA	NA
ENDRIN ALDEHYDE	NA	NA	NA	NA	NA	0.013 UJ	NA	NA	NA
ENDRIN KETONE	NA	NA	NA	NA	NA	0.013 UJ	NA	NA	NA
GAMMA-BHC (LINDANE)	NA	NA	NA	NA	NA	0.0064 UJ	NA	NA	NA
GAMMA-CHLORDANE	NA	NA	NA	NA	NA	0.0064 UJ	NA	NA	NA
HEPTACHLOR	NA	NA	NA	NA	NA	0.0064 UJ	NA	NA	NA
HEPTACHLOR EPOXIDE	NA	NA	NA	NA	NA	0.0064 UJ	NA	NA	NA
METHOXYCHLOR	NA	NA	NA	NA	NA	0.064 UJ	NA	NA	NA
TOXAPHENE	NA	NA	NA	NA	NA	0.20 UJ	NA	NA	NA
METALS (UG/L)									
ALUMINUM	210 UJ	NA	210 UJ	140 UJ	70 UJ	1100 J	56 U	173 J	1490
ANTIMONY	10 U	NA	10 U	10 U	8.4 J	10 U	1 U	1 U	1.3 U
ARSENIC	5 U	NA	5 U	5 U	5 U	5 U	2 U	2 U	2 U

LIGHT SHADING-DETECTED; U-NOT DETECTED; J-QUANTITATION APPROXIMATE; R-REJECTED; NA-NOT ANALYZED

ATTACHMENT 2
ANALYTICAL RESULTS - GROUNDWATER
INDUSTRIAL OPERATIONS AREA
NAS SOUTH WEYMOUTH, WEYMOUTH, MASSACHUSETTS

SAMPLE ID	MW06-302-NGW-	MW06-302-NGW-	MW06-302-NGW-	MW06-303-NGW-	MW06-304-NGW-	MW07-301-NGW-	MW09-010-NWG-	MW09-011-NWG-	MW09-012-NWG-
LOCATION ID	MW06-302	MW06-302	MW06-302	MW06-303	MW06-304	MW07-301	MW09-010	MW09-011	MW09-012
SAMPLE DATE	11/15/02	11/15/02	11/15/02	11/15/02	11/20/02	11/14/02	01/27/99	01/15/99	01/25/99
SACODE		DUPLICATE	AVERAGE						
BARIUM	32 U	NA	32 U	37 U	40 U	25 U	14.4 J	9.2 J	23.3 J
BERYLLIUM	5 U	NA	5 U	5 U	5 U	5 U	0.20 UJ	0.23 J	0.20 UJ
CADMIUM	5 U	NA	5 U	5 U	5 U	5 U	0.60 U	0.60 U	0.60 U
CALCIUM	9000 J	NA	9000 J	20000 J	17000 J	4600 J	2890 J	2610	20000 J
CHROMIUM	10 U	NA	10 U	10 U	1.1 J	1.1 J	4 U	4 U	4 U
COBALT	50 U	NA	50 U	50 U	50 U	50 U	7 UJ	7 U	7 UJ
COPPER	25 U	NA	25 U	25 U	25 U	25 U	5 U	5 U	5 U
IRON	490 J	NA	490 J	150 UJ	390 J	900 J	52 UJ	232 U	1630
LEAD	5 U	NA	5 U	5 U	5 U	1.5 J	2.8 U	1 U	5.9 U
MAGNESIUM	710 J	NA	710 J	1700 J	2100 J	710 J	259 J	239 J	1210 J
MANGANESE	6.4 U	NA	6.4 U	7.7 U	46	250	223	8 U	70 J
MERCURY	0.011 U	NA	0.011 U	0.20 U	0.047 U	0.02 U	0.10 UJ	0.10 U	0.10 U
NICKEL	40 U	NA	40 U	40 U	8.5 J	40 U	5 UJ	5 U	5 UJ
POTASSIUM	4200 J	NA	4200 J	3500 J	4400 J	1900 J	624 J	671 J	1240 J
SELENIUM	5 U	NA	5 U	5 U	5 U	5 UJ	2 U	2 U	2.6 U
SILVER	7 U	NA	7 U	7 U	7 U	7 U	1 U	1 U	1 U
SODIUM	25000 J	NA	25000 J	27000 J	67000 J	37000 J	2560	2300	4450
THALLIUM	5 U	NA	5 U	5 U	5 U	5 U	1 UJ	1 U	1 UJ
VANADIUM	7.7 J	NA	7.7 J	5.1 J	1.5 U	1.9 U	3 U	3 U	3.7 J
ZINC	11 U	NA	11 U	7.3 U	32 U	23 U	12 U	12 U	12 U
MISCELLANEOUS PARAMETERS (UG/L)									
CYANIDE	10 U	NA	10 U	10 U	10 U	10 U	10 UJ	NA	NA
FIELD (C)									
TEMPERATURE	NA	NA	NA	NA	NA	NA	NA	9	8.45
FIELD (MG/L)									
DISSOLVED OXYGEN	NA	NA	NA	NA	NA	NA	NA	3.2	4.3
FIELD (MS/CM)									
CONDUCTIVITY	NA	NA	NA	NA	NA	NA	NA	NA	NA

LIGHT SHADING-DETECTED; U-NOT DETECTED; J-QUANTITATION APPROXIMATE; R-REJECTED; NA-NOT ANALYZED

ATTACHMENT 2
ANALYTICAL RESULTS - GROUNDWATER
INDUSTRIAL OPERATIONS AREA
NAS SOUTH WEYMOUTH, WEYMOUTH, MASSACHUSETTS

SAMPLE ID	MW06-302-NGW-	MW06-302-NGW-	MW06-302-NGW-	MW06-303-NGW-	MW06-304-NGW-	MW07-301-NGW-	MW09-010-NWG-	MW09-011-NWG-	MW09-012-NWG-
LOCATION ID	MW06-302	MW06-302	MW06-302	MW06-303	MW06-304	MW07-301	MW09-010	MW09-011	MW09-012
SAMPLE DATE	11/15/02	11/15/02	11/15/02	11/15/02	11/20/02	11/14/02	01/27/99	01/15/99	01/25/99
SACODE		DUPLICATE	AVERAGE						
SPECIFIC CONDUCTANCE	NA	NA	NA	NA	NA	NA	NA	0.062	0.142
FIELD (MV)									
OXIDATION REDUCTION POTENTIAL	NA	NA	NA	NA	NA	NA	NA	198	166.6
FIELD (NTU)									
TURBIDITY	NA	NA	NA	NA	NA	NA	NA	89	14.3
FIELD (S.U.)									
PH	NA	NA	NA	NA	NA	NA	NA	6.47	6.29
TCLP VOLATILES (UG/L)									
BENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA

LIGHT SHADING-DETECTED; U-NOT DETECTED; J-QUANTITATION APPROXIMATE; R-REJECTED; NA-NOT ANALYZED

SAMPLE ID	MW09-012-NWG-	MW09-012-NWG-	MW11-132-NWG-	MW11-201-NWG-	MW11-202-NWG-
LOCATION ID	MW09-012	MW09-012	MW11-132	MW11-201	MW11-202
SAMPLE DATE	01/25/99	01/25/99	01/28/99	05/30/01	05/30/01
SACODE	DUPLICATE	AVERAGE			
VOLATILES (UG/L)					
1,1,1-TRICHLOROETHANE	1 U	1 U	1 U	1 U	1 U
1,1,2,2-TETRACHLOROETHANE	1 U	1 U	1 U	1 U	1 U
1,1,2-TRICHLOROETHANE	1 U	1 U	1 U	1 U	1 U
1,1-DICHLOROETHANE	1 U	1 U	1 U	1 U	1 U
1,1-DICHLOROETHENE	1 U	0.605 J	1 U	1 U	1 U
1,2-DIBROMO-3-CHLOROPROPANE	0.02 UJ	0.02 UJ	0.02 UJ	NA	NA
1,2-DIBROMOETHANE	0.02 UJ	0.02 UJ	0.02 UJ	NA	NA
1,2-DICHLOROBENZENE	1 U	1 U	1 U	1 U	1 U
1,2-DICHLOROETHANE	1 U	1 U	1 U	1 U	1 U
1,2-DICHLOROPROPANE	1 U	1 U	1 U	1 U	1 U
1,3-DICHLOROBENZENE	1 U	1 U	1 U	1 U	1 U
1,4-DICHLOROBENZENE	1 U	1 U	1 U	1 U	1 U
2-BUTANONE	5 R	5 R	5 R	5 R	3 J
2-HEXANONE	5 U	5 U	5 U	5 U	5 U
4-METHYL-2-PENTANONE	5 U	5 U	5 U	5 R	5 R
ACETONE	10 R	10 R	10 R	5 R	5 R
BENZENE	1 U	1 U	1 U	1 U	1 U
BROMODICHLOROMETHANE	1 UJ	1 UJ	1 U	1 U	1 U
BROMOFORM	1 U	1 U	1 U	1 U	1 U
BROMOMETHANE	2 UJ	2 UJ	2 UJ	1 U	1 U
CARBON DISULFIDE	1 U	1 U	1 U	1 U	1 U
CARBON TETRACHLORIDE	1 U	1 U	1 U	1 U	1 U
CHLOROBENZENE	1 U	1 U	1 U	1 U	1 U
CHLORODIBROMOMETHANE	1 U	1 U	1 U	1 U	1 U
CHLOROETHANE	2 UJ	2 UJ	2 UJ	1 U	1 U
CHLOROFORM	1 U	1 U	1 U	1 U	1 U
CHLOROMETHANE	2 UJ	2 UJ	2 UJ	1 U	1 U
CIS-1,2-DICHLOROETHENE	NA	NA	NA	1 U	1 U

LIGHT SHADING-DETECTED; U-NOT DETECTED; J-QUANTITATION APPROXIMATE; R-REJECTED; NA-NOT ANALYZED

SAMPLE ID	MW09-012-NWG-	MW09-012-NWG-	MW11-132-NWG-	MW11-201-NWG-	MW11-202-NWG-
LOCATION ID	MW09-012	MW09-012	MW11-132	MW11-201	MW11-202
SAMPLE DATE	01/25/99	01/25/99	01/28/99	05/30/01	05/30/01
SACODE	DUPLICATE	AVERAGE			
CIS-1,3-DICHLOROPROPENE	1 UJ	1 UJ	1 U	1 U	1 U
ETHYLBENZENE	8.1	9.05	1 U	1 U	1 U
M+P-XYLENES	NA	NA	NA	1 U	1 U
METHYL TERT-BUTYL ETHER	15 U	15 U	NA	NA	NA
METHYLENE CHLORIDE	2 U	2 U	2 U	1 UJ	1 UJ
O-XYLENE	2.4	2.35	1 U	1 U	1 U
STYRENE	1 U	1 U	1 UJ	1 U	1 U
TETRACHLOROETHENE	1 U	1 U	1 U	1 U	1 U
TOLUENE	1 U	1 U	1 U	1 U	0.50 J
TOTAL 1,2-DICHLOROETHENE	1 U	1 U	1 U	1 U	1 U
TOTAL XYLENES	17	18.5	1 U	1 U	1 U
TRANS-1,2-DICHLOROETHENE	NA	NA	NA	1 U	1 U
TRANS-1,3-DICHLOROPROPENE	1 U	1 U	1 U	1 U	1 U
TRICHLOROETHENE	1 U	1 U	1 U	1 U	1 U
VINYL CHLORIDE	2 U	2 U	2 U	1 U	1 U
VOLATILE PETROLEUM HYDROCARBONS	920	1060	NA	NA	NA
VPH MADEP (UG/L)					
C5-C8 ALIPHATICS	850 J	975 J	NA	NA	NA
C5-C8 ALIPHATICS (WEIGHTED 0.5)	NA	NA	NA	NA	NA
C5-C8 ALIPHATICS-UNADJ	NA	NA	NA	NA	NA
C9-C10 AROMATICS	26	29	NA	NA	NA
C9-C10 AROMATICS (WEIGHTED 1.0)	NA	NA	NA	NA	NA
C9-C12 ALIPHATICS	44	47.5	NA	NA	NA
C9-C12 ALIPHATICS (WEIGHTED 0.05)	NA	NA	NA	NA	NA
C9-C12 ALIPHATICS-UNADJ	NA	NA	NA	NA	NA
SEMIVOLATILES (UG/L)					
1,2,4-TRICHLOROBENZENE	3 U	3 U	3 U	10 U	10 U
2,2'-OXYBIS(1-CHLOROPROPANE)	4 U	4 U	4 U	10 UJ	10 UJ

LIGHT SHADING-DETECTED; U-NOT DETECTED; J-QUANTITATION APPROXIMATE; R-REJECTED; NA-NOT ANALYZED

SAMPLE ID	MW09-012-NWG-	MW09-012-NWG-	MW11-132-NWG-	MW11-201-NWG-	MW11-202-NWG-
LOCATION ID	MW09-012	MW09-012	MW11-132	MW11-201	MW11-202
SAMPLE DATE	01/25/99	01/25/99	01/28/99	05/30/01	05/30/01
SACODE	DUPLICATE	AVERAGE			
2,4,5-TRICHLOROPHENOL	3 U	3 U	3 U	48 U	50 U
2,4,6-TRICHLOROPHENOL	3 U	3 U	3 U	10 U	10 U
2,4-DICHLOROPHENOL	3 U	3 U	3 U	10 U	10 U
2,4-DIMETHYLPHENOL	3 U	3 U	3 U	10 U	10 U
2,4-DINITROPHENOL	6 UJ	6 UJ	6 UJ	48 UJ	50 UJ
2,4-DINITROTOLUENE	4 U	4 U	4 U	10 U	10 U
2,6-DINITROTOLUENE	4 U	4 U	4 U	10 U	10 U
2-CHLORONAPHTHALENE	3 U	3 U	3 U	10 U	10 U
2-CHLOROPHENOL	3 U	3 U	3 U	10 U	10 U
2-METHYLNAPHTHALENE	3 U	3 U	3 U	10 U	10 U
2-METHYLPHENOL	4 U	4 U	4 U	10 U	10 U
2-NITROANILINE	5 UJ	5 UJ	5 UJ	48 U	50 U
2-NITROPHENOL	3 U	3 U	3 U	10 U	10 U
3&4-METHYLPHENOL	NA	NA	NA	NA	NA
3,3'-DICHLOROBENZIDINE	4 U	4 U	4 U	19 U	20 U
3-NITROANILINE	4 UJ	4 UJ	4 UJ	48 U	50 U
4,6-DINITRO-2-METHYLPHENOL	6 UJ	6 UJ	6 UJ	48 U	50 U
4-BROMOPHENYL PHENYL ETHER	5 U	5 U	5 U	10 U	10 U
4-CHLORO-3-METHYLPHENOL	4 U	4 U	4 U	10 U	10 U
4-CHLOROANILINE	5 U	5 U	5 U	19 U	20 U
4-CHLOROPHENYL PHENYL ETHER	4 U	4 U	4 U	10 U	10 U
4-METHYLPHENOL	4 U	4 U	4 U	10 U	10 U
4-NITROANILINE	4 UJ	4 UJ	4 UJ	48 UJ	50 UJ
4-NITROPHENOL	5 UJ	5 UJ	5 UJ	48 U	50 U
ACENAPHTHENE	3 U	3 U	3 U	10 U	10 U
ACENAPHTHYLENE	4 U	4 U	4 U	10 U	10 U
ANTHRACENE	4 U	4 U	4 U	10 U	10 U
BENZO(A)ANTHRACENE	0.01 U	0.01 U	0.01 U	10 U	10 U
BENZO(A)PYRENE	0.02 U	0.02 U	0.02 U	10 U	10 U

LIGHT SHADING-DETECTED; U-NOT DETECTED; J-QUANTITATION APPROXIMATE; R-REJECTED; NA-NOT ANALYZED

SAMPLE ID	MW09-012-NWG-	MW09-012-NWG-	MW11-132-NWG-	MW11-201-NWG-	MW11-202-NWG-
LOCATION ID	MW09-012	MW09-012	MW11-132	MW11-201	MW11-202
SAMPLE DATE	01/25/99	01/25/99	01/28/99	05/30/01	05/30/01
SACODE	DUPLICATE	AVERAGE			
BENZO(B)FLUORANTHENE	0.02 U	0.02 U	0.02 U	10 U	10 U
BENZO(G,H,I)PERYLENE	0.02 U	0.02 U	0.02 U	10 U	10 U
BENZO(K)FLUORANTHENE	0.008 U	0.008 U	0.008 U	10 U	10 U
BIS(2-CHLOROETHOXY)METHANE	4 U	4 U	4 U	10 U	10 U
BIS(2-CHLOROETHYL)ETHER	4 U	4 U	4 U	10 U	10 U
BIS(2-ETHYLHEXYL)PHTHALATE	7 U	7 U	7 U	1 J	10 U
BUTYL BENZYL PHTHALATE	4 U	4 U	4 U	10 U	10 U
CARBAZOLE	5 U	5 U	5 U	10 U	10 U
CHRYSENE	3 U	3 U	3 U	10 U	10 U
DIBENZO(A,H)ANTHRACENE	0.02 U	0.02 U	0.02 U	10 U	10 U
DIBENZOFURAN	4 U	4 U	4 U	10 U	10 U
DIETHYL PHTHALATE	3 U	3 U	3 U	10 UJ	10 UJ
DIMETHYL PHTHALATE	3 U	3 U	3 U	10 U	10 U
DI-N-BUTYL PHTHALATE	4 U	4 U	4 U	10 U	10 U
DI-N-OCTYL PHTHALATE	4 U	4 U	4 U	10 U	10 U
FLUORANTHENE	5 U	5 U	4.8 U	10 U	10 U
FLUORENE	4 U	4 U	4 U	10 U	10 U
HEXACHLOROBENZENE	6 U	6 U	6 U	10 U	10 U
HEXACHLOROBUTADIENE	4 U	4 U	4 U	10 U	10 U
HEXACHLOROCYCLOPENTADIENE	2 R	2 R	2 R	10 U	10 U
HEXACHLOROETHANE	3 U	3 U	3 U	10 U	10 U
INDENO(1,2,3-CD)PYRENE	0.04 U	0.04 U	0.04 U	10 U	10 U
ISOPHORONE	4 U	4 U	4 U	10 U	10 U
NAPHTHALENE	3 U	3 U	3 U	10 U	10 U
NITROBENZENE	NA	NA	NA	10 U	10 U
N-NITROSO-DI-N-PROPYLAMINE	4 U	4 U	4 U	10 U	10 U
N-NITROSODIPHENYLAMINE	4 U	4 U	4 U	10 U	10 U
PENTACHLOROPHENOL	NA	NA	NA	48 U	50 U
PHENANTHRENE	5 U	5 U	4.8 U	10 U	10 U

LIGHT SHADING-DETECTED; U-NOT DETECTED; J-QUANTITATION APPROXIMATE; R-REJECTED; NA-NOT ANALYZED

SAMPLE ID	MW09-012-NWG-	MW09-012-NWG-	MW11-132-NWG-	MW11-201-NWG-	MW11-202-NWG-
LOCATION ID	MW09-012	MW09-012	MW11-132	MW11-201	MW11-202
SAMPLE DATE	01/25/99	01/25/99	01/28/99	05/30/01	05/30/01
SACODE	DUPLICATE	AVERAGE			
PHENOL	4 U	4 U	4 U	10 U	10 U
PYRENE	4 U	4 U	4 U	10 U	10 U
EPH MADEP (UG/L)					
C10-C22 AROMATICS	NA	NA	NA	NA	NA
C11-C22 AROMATICS	160 U	160 U	160 U	NA	NA
C11-C22 AROMATICS (WEIGHTED 1.0)	NA	NA	NA	NA	NA
C11-C22 AROMATICS-UNADJ	NA	NA	160 U	NA	NA
C19-C36 ALIPHATICS	61 U	60.5 U	77 UJ	NA	NA
C19-C36 ALIPHATICS (WEIGHTED 0.005)	NA	NA	NA	NA	NA
C9-C18 ALIPHATICS	61 U	60.5 U	58 UJ	NA	NA
C9-C18 ALIPHATICS (WEIGHTED 0.05)	NA	NA	NA	NA	NA
EXTRACTABLE PETROLEUM HYDROCARBONS	280 U	280 U	NA	NA	NA
POLYCYCLIC AROMATIC HYDROCARBONS (UG/L)					
1,1-BIPHENYL	NA	NA	NA	NA	NA
1-METHYLNAPHTHALENE	NA	NA	NA	NA	NA
1-METHYLPHENANTHRENE	NA	NA	NA	NA	NA
2,3,5-TRIMETHYLNAPHTHALENE	NA	NA	NA	NA	NA
2,6-DIMETHYLNAPHTHALENE	NA	NA	NA	NA	NA
BENZO(E)PYRENE	NA	NA	NA	NA	NA
DIBENZOTHIOPHENE	NA	NA	NA	NA	NA
PERYLENE	NA	NA	NA	NA	NA
TOTAL METHYLNAPHTHALENES	NA	NA	NA	NA	NA
PESTICIDES/PCBS (UG/L)					
4,4'-DDD	NA	NA	0.01 U	0.09 U	0.09 U
4,4'-DDE	NA	NA	0.02 U	0.09 U	0.09 U
4,4'-DDT	NA	NA	0.01 U	0.09 U	0.09 U

LIGHT SHADING-DETECTED; U-NOT DETECTED; J-QUANTITATION APPROXIMATE; R-REJECTED; NA-NOT ANALYZED

SAMPLE ID	MW09-012-NWG-	MW09-012-NWG-	MW11-132-NWG-	MW11-201-NWG-	MW11-202-NWG-
LOCATION ID	MW09-012	MW09-012	MW11-132	MW11-201	MW11-202
SAMPLE DATE	01/25/99	01/25/99	01/28/99	05/30/01	05/30/01
SACODE	DUPLICATE	AVERAGE			
ALDRIN	NA	NA	0.04 U	0.04 U	0.04 U
ALPHA-BHC	NA	NA	0.008 U	0.04 U	0.04 U
ALPHA-CHLORDANE	NA	NA	0.01 U	0.04 U	0.04 U
AROCLOR-1016	NA	NA	0.62 U	0.96 U	0.96 U
AROCLOR-1221	NA	NA	0.61 U	1.9 U	1.9 U
AROCLOR-1232	NA	NA	0.76 U	0.96 U	0.96 U
AROCLOR-1242	NA	NA	0.54 U	0.96 U	0.96 U
AROCLOR-1248	NA	NA	0.54 U	0.96 U	0.96 U
AROCLOR-1254	NA	NA	0.68 U	0.96 U	0.96 U
AROCLOR-1260	NA	NA	0.14 U	0.96 U	0.96 U
BETA-BHC	NA	NA	0.008 U	0.04 U	0.04 U
DELTA-BHC	NA	NA	0.006 U	0.04 U	0.04 U
DIELDRIN	NA	NA	0.01 U	0.09 U	0.09 U
ENDOSULFAN I	NA	NA	0.005 U	0.04 U	0.04 U
ENDOSULFAN II	NA	NA	0.02 U	0.09 U	0.09 U
ENDOSULFAN SULFATE	NA	NA	NA	0.09 U	0.09 U
ENDRIN	NA	NA	0.01 U	0.09 U	0.09 U
ENDRIN ALDEHYDE	NA	NA	0.02 U	0.09 U	0.09 U
ENDRIN KETONE	NA	NA	NA	0.09 U	0.09 U
GAMMA-BHC (LINDANE)	NA	NA	0.004 U	0.04 U	0.04 U
GAMMA-CHLORDANE	NA	NA	0.01 U	0.04 U	0.04 U
HEPTACHLOR	NA	NA	0.03 U	0.04 U	0.04 U
HEPTACHLOR EPOXIDE	NA	NA	0.006 U	0.04 U	0.04 U
METHOXYCHLOR	NA	NA	NA	0.48 U	0.48 U
TOXAPHENE	NA	NA	2.4 U	4.8 U	4.8 U
METALS (UG/L)					
ALUMINUM	837	1160	616 J	550	130
ANTIMONY	1 U	1.15 U	1 U	50 U	50 U
ARSENIC	2 U	2 U	2 U	5 U	5 U

LIGHT SHADING-DETECTED; U-NOT DETECTED; J-QUANTITATION APPROXIMATE; R-REJECTED; NA-NOT ANALYZED

SAMPLE ID	MW09-012-NWG-	MW09-012-NWG-	MW11-132-NWG-	MW11-201-NWG-	MW11-202-NWG-
LOCATION ID	MW09-012	MW09-012	MW11-132	MW11-201	MW11-202
SAMPLE DATE	01/25/99	01/25/99	01/28/99	05/30/01	05/30/01
SACODE	DUPLICATE	AVERAGE			
BARIUM	20.1 J	21.7 J	14.6 J	10	40
BERYLLIUM	0.20 UJ	0.2 UJ	1 U	3 U	3 U
CADMIUM	0.60 U	0.6 U	0.60 U	5 U	5 U
CALCIUM	20900 J	20400 J	6090 J	13000	21000
CHROMIUM	4 U	4 U	3 U	5 U	5 U
COBALT	7 UJ	7 UJ	4 UJ	10 U	10 U
COPPER	5 U	5 U	2.6 J	10 U	10 U
IRON	986	1310	694 J	890	150
LEAD	5.7 U	5.8 U	8.2	5 UJ	5 UJ
MAGNESIUM	1080 J	1140 J	764 J	2900	3400
MANGANESE	62.1 J	66 J	110 J	60	240
MERCURY	0.14 U	0.12 U	0.10 U	0.2 U	0.2 U
NICKEL	5 UJ	5 UJ	5 UJ	5 U	5 U
POTASSIUM	1120 J	1180 J	957 J	1000 U	2200
SELENIUM	3.6 U	3.1 U	3 U	10 U	10 U
SILVER	1 U	1 U	1 U	5 U	5 U
SODIUM	4300	4380	2630	10000	7900
THALLIUM	1 UJ	1 UJ	1 U	10 U	10 U
VANADIUM	3 U	2.6 J	3 U	10 U	10 U
ZINC	12 U	12 U	12 U	20 U	20 U
MISCELLANEOUS PARAMETERS (UG/L)					
CYANIDE	NA	NA	10 UJ	5 U	5 U
FIELD (C)					
TEMPERATURE	NA	8.45	5.04	NA	NA
FIELD (MG/L)					
DISSOLVED OXYGEN	NA	4.3	41	NA	NA
FIELD (MS/CM)					
CONDUCTIVITY	NA	NA	24	NA	NA

LIGHT SHADING-DETECTED; U-NOT DETECTED; J-QUANTITATION APPROXIMATE; R-REJECTED; NA-NOT ANALYZED

ATTACHMENT 2
ANALYTICAL RESULTS - GROUNDWATER
INDUSTRIAL OPERATIONS AREA
NAS SOUTH WEYMOUTH, WEYMOUTH, MASSACHUSETTS

SAMPLE ID	MW09-012-NWG-	MW09-012-NWG-	MW11-132-NWG-	MW11-201-NWG-	MW11-202-NWG-
LOCATION ID	MW09-012	MW09-012	MW11-132	MW11-201	MW11-202
SAMPLE DATE	01/25/99	01/25/99	01/28/99	05/30/01	05/30/01
SACODE	DUPLICATE	AVERAGE			
SPECIFIC CONDUCTANCE	NA	0.142	0.039	NA	NA
FIELD (MV)					
OXIDATION REDUCTION POTENTIAL	NA	166.6	21.9	NA	NA
FIELD (NTU)					
TURBIDITY	NA	14.3	31	NA	NA
FIELD (S.U.)					
PH	NA	6.29	8.21	NA	NA
TCLP VOLATILES (UG/L)					
BENZENE	NA	NA	NA	NA	NA

LIGHT SHADING-DETECTED; U-NOT DETECTED; J-QUANTITATION APPROXIMATE; R-REJECTED; NA-NOT ANALYZED

ATTACHMENT 3
Industrial Operations Area Monitoring Well Information

Monitoring Well Location	Ground Surface Elevation (feet)	Top of Riser Elevation (feet)	Top of Casing Elevation (Feet)	Top of Screen elevation (feet)	Bottom of Screen Elevation (Feet)	Depth to Water (feet)	Water Table Elevation (Feet)	Date of Water Level Measurement
AVG-MW-1	153.76	156.31	156.46	148.76	138.76	9.41	146.9	Jun-00
AVG-MW-2	153.07	155.78	156.07	149.07	139.07	8.98	146.8	Jun-00
AVG-MW-3	153.01	155.41	155.71	149.01	139.01	9.15	146.26	Jun-00
AVG-MW-4	152.69	154.97	155.29	148.69	138.69	8.07	146.9	Jun-00
AVG-MW-5	152.13	154.56	154.83	148.13	138.13	7.82	146.74	Jun-00
AVG-MW-6	152.2	154.44	154.7	148.2	138.2	8.13	146.31	Jun-00
B116-MW-01	NA	NA	NA	NA	NA	NA	NA	NA
B116-MW-02	154.85	154.66	154.85	152.05	142.05	4.06	150.6	Mar-99
B116-MW-03	154.98	154.6	154.98	154.08	144.08	0	154.6	Jun-00
B116-MW-04	154.66	154.33	154.66	153.46	144.96	3.23	151.1	Mar-99
B116-MW-05	154.53	154.27	154.53	153.07	144.47	3.6	150.67	Mar-99
B116-MW-06	153.59	153.16	153.59	152.59	144.76	5.89	147.27	Mar-99
B116-MW-07	154.83	154.06	154.83	152.83	145	3.98	150.62	Mar-99
B116-MW-08	154.32	154.03	154.32	153.32	145.49	3.52	150.51	Mar-99
B14-MW-01	154.46	154.06	154.51	152.46	142.63	2.45	151.61	Mar-99
B14-MW-100[1]	157.05	154.55	154.91	152.05	142.05	2.16	152.39	Mar-99
B8-MW-01	152.43	152.2	152.43	148.43	139.43	NG	NG	NG
B8-MW-02	152.16	155.2	155.43	147.96	138.96	NG	NG	NG
B8-MW-03	152.26	152.08	152.26	148.26	139.26	NG	NG	NG
B8-MW-04	152.38	152.14	152.38	147.18	138.18	NG	NG	NG
B8-MW-05	153.12	152.85	153.12	148.32	139.32	NG	NG	NG
B8-MW-06	152.27	151.98	152.27	146.57	137.57	NG	NG	NG
B8-MW-07	153.42	153.22	153.42	149.22	139.39	7.4	145.82	Jun-00
B8-MW-08	153.46	153.26	153.46	149.26	139.43	7.65	145.61	Jun-00
B8-MW-09	153.64	153.44	153.64	149.44	139.61	7.81	145.63	Jun-00
B8-MW-10	154.66	154.46	154.66	151.46	141.63	7.15	147.31	Jun-00
B8-MW-11	154.41	154.21	154.41	151.21	141.38	8.88	145.33	Jun-00
MW06-003	153.34	152.96	153.34	152.34	142.34	5.29	147.67	Jun-00
MW06-013	153.84	153.44	153.84	149.34	139.34	8.53	144.91	Jun-00
MW06-017	152.72	152.28	152.72	150.72	140.72	5.37	146.91	Jun-00
MW06-018	153.3	156.84	156.96	149.8	139.8	11.33	145.51	Jun-00
MW06-019	153.2	156.94	157.02	149.2	139.2	12.38	144.56	Jun-00
MW06-301	153.9	153.67	153.9	148.9	138.9	7.65	146.02	Jan-03
MW06-302	154	153.71	154	149	139	7.76	145.95	Jan-03
MW06-303	153.9	153.63	153.9	150.9	142.9	6.95	146.68	Jan-03
MW06-304	153.7	153.33	153.7	150.7	140.7	5.8	147.53	Jan-03
MW07-006	154.99	154.59	154.99	153.49	143.49	5.75	148.8	Jun-00
MW07-301	154.3	154.07	154.25	151.8	141.8	3.8	150.27	Feb-10

ATTACHMENT 3
Industrial Operations Area Monitoring Well Information

MW09-010	152.8	155.79	156.07	150.8	140.8	9.23	146.56	Jun-00
MW09-011	153.6	156.4	157.56	150.6	140.6	9.68	146.72	Jun-00
MW09-012	153.09	152.99	153.09	150.59	140.59	7.38	145.61	Jun-00
MW11-131	153.7	157.46	NA	152.2	145.7	9.7	147.76	Jun-00
MW11-132	152.8	1574.9	155.66	149.8	144.3	8.83	146.07	Jun-00
MW11-133	153.34	153.07	153.34	151.34	143.34	6.96	146.11	Jun-00
MW11-201	153	156.59	NA	148	138	10.18	146.41	Jun-01
MW11-202	153	155.16	NA	149	139	8.91	146.25	Jun-01

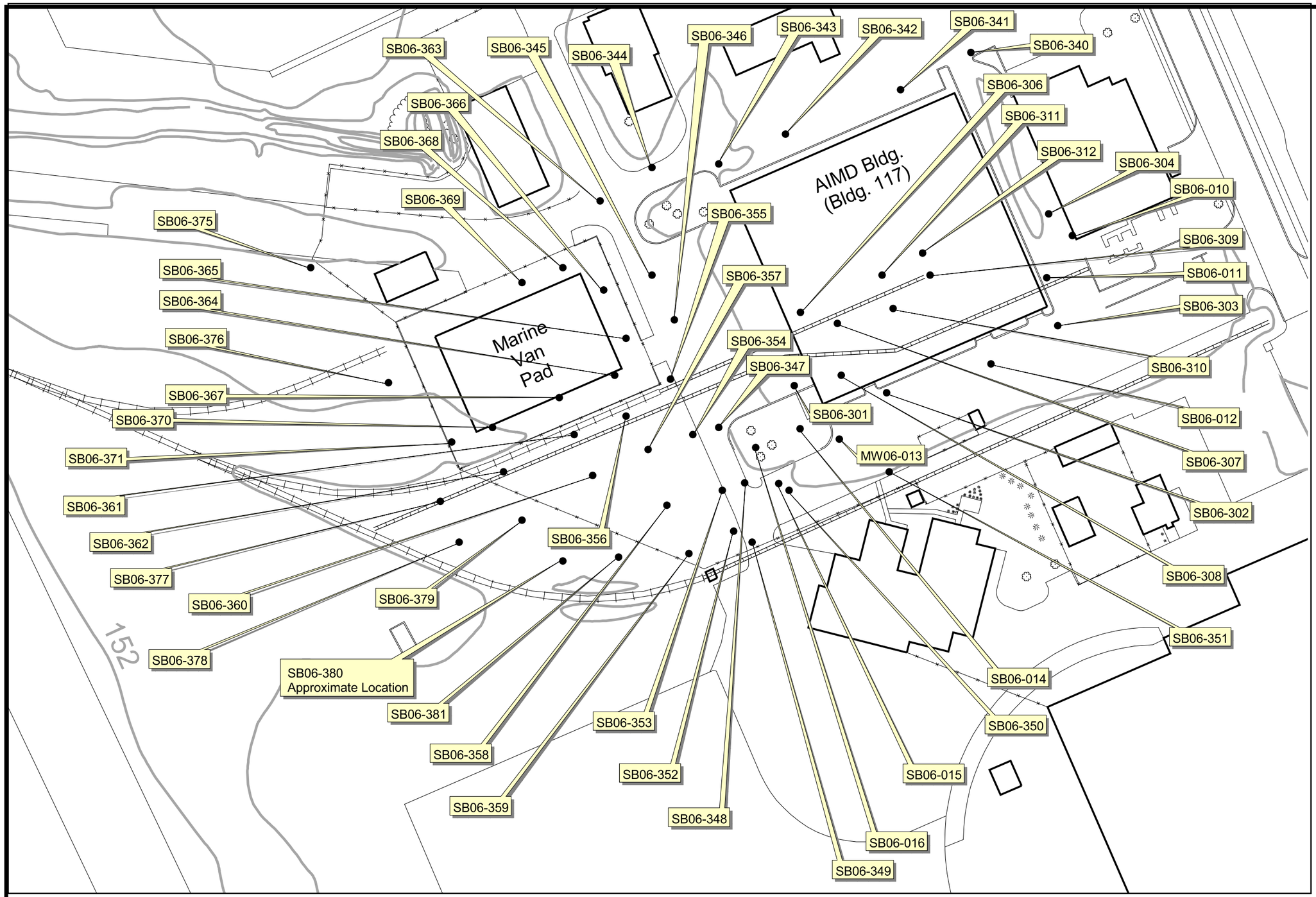
1)Estimated ground surface elevation

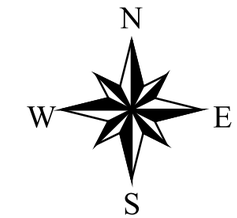
NA - not available

NG - not gauged

ATTACHMENT 4

RIA 33 Boring Logs – November 2002 and July 2003 (source: RIA 33 AIMD Building and Surrounding Shallow Soil Field Report)

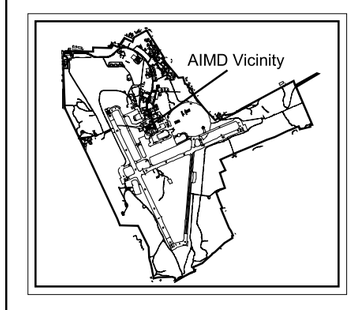




LEGEND:

= Surface Elevation Contour

= Boring Location



NAS SOUTH WEYMOUTH EBS PHASE II	Figure 1: Coal Delineation Borings Vicinity of AIMD	PROJECT MGR KCC	DESIGNED BY BSM	DRAWN BY BSM	CHECKED BY JJC	SCALE 0 50 100 150 Feet	DATE 04 NOV 04	PROJECT NO 29600.75	FILE No. sw_dd_1.apr

TEST BORING REPORT

BORING NUMBER: SB06-306

New Hampshire Boring

3 Liberty Drive
Londonderry NH 03053
Phone 603-437-1610

PROJECT: NAS Weymouth

LOCATION: Naval Air Station RIA 88

CONTRACTOR: New Hampshire Boring

JOB NUMBER: 42911650

CLIENT: Department of the Navy

DRILLER: Rick Dupont

FIELD REP: Pernilla Lindblom

	SAMPLER	CASING	CORE BARREL	DEPTH TO GROUNDWATER			
TYPE	Geoprobe	Acetate Liner	---	DATE		11/8/2002	
SIZE (ID)			---				
HAMMER WEIGHT	-	-	---	GROUNDWATER DEPTH		6 feet below grade	
HAMMER FALL	-	-	---				

SAMPLE DEPTH (feet)	No	DEPTH (feet)	PEN/REC (inches)	BLOWS/6"	DESCRIPTION OF MATERIALS	PID ppm
	S-1	0-5	60/48	NA	24 inches, dry, brown, medium Sand, with fine Gravel	ND
					cobble in tip of sampler	
					24 inches, dry, dark brown, medium to coarse Sand, with fine	
					Gravel with traces of coal	
	S-2	5-8	36/36	NA	18 inches, light brown, medium to coarse Sand and fine to	ND
					medium Gravel	
					9 inches, orange (iron staining) fine to medium Sand	
					9 inches, tan, fine Sand and Silt	
					Laboratory soil sample was collected below the coal layer	
					and at the groundwater depth 6-8 depth was collected.	

DRILLING RIG TYPE: Remote Control Geoprobe Rig

MONITORING WELL INSTALLED No

RISER FROM: TO: SCREEN FROM: TO:

SURFACE ELEVATION: N/A

START DATE: 11/8/2002

END DATE: 11/8/2002

NOTES:

NC - Not Collected; not enough quanity to collect sample for headspace
NA - Not Applicable
NR - Not Recorded
ND-non detect above background

TEST BORING REPORT

BORING NUMBER: SB06-307

New Hampshire Boring

3 Liberty Drive
Londonderry NH 03053
Phone 603-437-1610

PROJECT: NAS Weymouth

LOCATION: Naval Air Station RIA 88

CONTRACTOR: New Hampshire Boring

JOB NUMBER: 42911650

CLIENT: Department of the Navy

DRILLER: Rick Dupont

FIELD REP: Pernilla Lindblom

	SAMPLER	CASING	CORE BARREL	DEPTH TO GROUNDWATER	
TYPE	Geoprobe	Acetate Liner	---	DATE	11/7/2002
SIZE (ID)			---		
HAMMER WEIGHT	-	-	---	GROUNDWATER DEPTH	9 feet below grade
HAMMER FALL	-	-	---		

SAMPLE DEPTH (feet)	No	DEPTH (feet)	PEN/REC (inches)	BLOWS/6"	DESCRIPTION OF MATERIALS	PID ppm
	S-1	0-5	60/48	NA	dry, brown, medium to coarse Sand with some fine Gravel	ND
					Two coal layers were observed.	
					3 to 4 feet and 5 to 5.5 feet below grade	
	S-2	5-10	60/60	NA	12 inches, dry, brown, coarse Sand with fine Gravel	ND
					12 inches, dry, greyish brown, medium Sand	
					24 inches, grey, fine sand	
					12 inches, wet, brown, fine Sand	
					Laboratory soil sample was collected at the top of groundwater or 9-10 feet below grade	

DRILLING RIG TYPE: Remote Control Geoprobe Rig

MONITORING WELL INSTALLED No

RISER FROM: TO: SCREEN FROM: TO:

SURFACE ELEVATION: N/A

START DATE: 11/7/2002

END DATE: 11/7/2002

NOTES:

NC - Not Collected; not enough quanity to collect sample for headspace
NA - Not Applicable
NR - Not Recorded
ND-non detect above background

TEST BORING REPORT

BORING NUMBER: SB06-308

New Hampshire Boring

3 Liberty Drive
Londonderry NH 03053
Phone 603-437-1610

PROJECT: NAS Weymouth

LOCATION: Naval Air Station RIA 88

CONTRACTOR: New Hampshire Boring

JOB NUMBER: 42911650

CLIENT: Department of the Navy

DRILLER: Rick Dupont

FIELD REP: Pernilla Lindblom

	SAMPLER	CASING	CORE BARREL	DEPTH TO GROUNDWATER	
TYPE	Geoprobe	Acetate Liner	---	DATE	11/7/2002
SIZE (ID)			---		
HAMMER WEIGHT	-	-	---	GROUNDWATER DEPTH	9 feet below grade
HAMMER FALL	-	-	---		

SAMPLE DEPTH (feet)	No	DEPTH (feet)	PEN/REC (inches)	BLOWS/6"	DESCRIPTION OF MATERIALS	PID ppm
	S-1	0-5	60/36	NA	dry, brown, medium to coarse Sand and fine Gravel	ND
					12 to 18 inches below grade a black coal layer was observed.	
	S-2	5-10	60/60	NA	6 inches, dry, grey, fine Sand with fine Gravel	ND
					18 inches, dry, tan, fine to medium Sand	
					6 inches, dry, brown, coarse Sand	
					18 inches, dry, tan, medium to coarse Sand	
					12 inches, wet, redish (rust color) brown, fine Sand	
					Laboratory soil sample was collected at the top of groundwater or 9-10 feet below grade	

DRILLING RIG TYPE: Remote Control Geoprobe Rig

MONITORING WELL INSTALLED No

RISER FROM: TO: SCREEN FROM: TO:

SURFACE ELEVATION: N/A

START DATE: 11/7/2002

END DATE: 11/7/2002

NOTES:

NC - Not Collected; not enough quanity to collect sample for headspace
NA - Not Applicable
NR - Not Recorded
ND-non detect above background

TEST BORING REPORT

BORING NUMBER: SB06-309

New Hampshire Boring

3 Liberty Drive
Londonderry NH 03053
Phone 603-437-1610

PROJECT: NAS Weymouth

LOCATION: Naval Air Station RIA 88

CONTRACTOR: New Hampshire Boring

JOB NUMBER: 42911650

CLIENT: Department of the Navy

DRILLER: Rick Dupont

FIELD REP: Pernilla Lindblom

	SAMPLER	CASING	CORE BARREL	DEPTH TO GROUNDWATER			
TYPE	Geoprobe	Acetate Liner	---	DATE		11/8/2002	
SIZE (ID)			---				
HAMMER WEIGHT	-	-	---	GROUNDWATER DEPTH		6 feet below grade	
HAMMER FALL	-	-	---				

SAMPLE DEPTH (feet)	No	DEPTH (feet)	PEN/REC (inches)	BLOWS/6"	DESCRIPTION OF MATERIALS	PID ppm
	S-1	0-5	60/54	NA	8 inches,dry, light brown, fine to medium Sand,	ND
					little fine to medium Gravel	
					16 inches, dry, dark brown, fine to medium Sand,	
					some fine to medium Gravel	
					6 inches, dry, tan, fine Sand, little Silt	
					24 inches, dry, grey/light brown, medium to coarse Sand	
					with medium to coarse Gravel, fill material	
	S-2	5-10	60/54	NA	6 inches, dry, grey/light brown, medium to coarse Sand	ND
					with medium to coarse Gravel, fill material	
					48 inches, wet, tan/grey, medium to coarse Sand,	
					grading to fine Sand with the bottom 6 inches	
					There was no distinct coal layer as was the case with the other geoprobe borings at this RIA location.	
					Laboratory soil sample was collected at the top of groundwater depth 6-7 depth was collected.	

DRILLING RIG TYPE: Remote Control Geoprobe Rig

MONITORING WELL INSTALLED No

RISER FROM: TO: SCREEN FROM: TO:

SURFACE ELEVATION: N/A

START DATE: 11/8/2002

END DATE: 11/8/2002

NOTES:

NC - Not Collected; not enough quanity to collect sample for headspace
NA - Not Applicable
NR - Not Recorded
ND-non detect above background

TEST BORING REPORT

BORING NUMBER: SB06-310

New Hampshire Boring

3 Liberty Drive
Londonderry NH 03053
Phone 603-437-1610

PROJECT: NAS Weymouth

LOCATION: Naval Air Station RIA 88

CONTRACTOR: New Hampshire Boring

JOB NUMBER: 42911650

CLIENT: Department of the Navy

DRILLER: Rick Dupont

FIELD REP: Pernilla Lindblom

	SAMPLER	CASING	CORE BARREL	DEPTH TO GROUNDWATER	
TYPE	Geoprobe	Acetate Liner	---	DATE	11/8/2002
SIZE (ID)			---		
HAMMER WEIGHT	-	-	---	GROUNDWATER DEPTH	7 feet below grade
HAMMER FALL	-	-	---		

SAMPLE DEPTH (feet)	No	DEPTH (feet)	PEN/REC (inches)	BLOWS/6"	DESCRIPTION OF MATERIALS	PID ppm
	S-1	0-5	60/48	NA	12 inches, dry, tan, medium Sand and fine Gravel, fill material	ND
					18 inches, black/brown coarse Sand, medium Gravel,	
					pieces of coal in sample	
					18 inches, dry, tan, coarse Sand, some medium Gravel	
	S-2	5-10	60/48	NA	12 inches, same as above	ND
					12 inches, tan-orange, medium Sand	
					24 inches, wet, tan, medium Sand, trace Silt	
					Laboratory soil sample was collected	
					at the top of groundwater depth 6-7 depth was collected.	

DRILLING RIG TYPE: Remote Control Geoprobe Rig

MONITORING WELL INSTALLED No

RISER FROM: TO: SCREEN FROM: TO:

SURFACE ELEVATION: N/A

START DATE: 11/8/2002

END DATE: 11/8/2002

NOTES:

NC - Not Collected; not enough quanity to collect sample for headspace
NA - Not Applicable
NR - Not Recorded
ND-non detect above background

TEST BORING REPORT

BORING NUMBER: SB06-311

New Hampshire Boring

3 Liberty Drive
Londonderry NH 03053
Phone 603-437-1610

PROJECT: NAS Weymouth

LOCATION: Naval Air Station RIA 88

CONTRACTOR: New Hampshire Boring

JOB NUMBER: 42911650

CLIENT: Department of the Navy

DRILLER: Rick Dupont

FIELD REP: Pernilla Lindblom

	SAMPLER	CASING	CORE BARREL
TYPE	Geoprobe	Acetate Liner	---
SIZE (ID)			---
HAMMER WEIGHT	-	-	---
HAMMER FALL	-	-	---

DEPTH TO GROUNDWATER			
DATE		11/8/2002	
GROUNDWATER DEPTH		7 feet below grade	

SAMPLE DEPTH (feet)	No	DEPTH (feet)	PEN/REC (inches)	BLOWS/6"	DESCRIPTION OF MATERIALS	PID ppm
	S-1	0-5	60/36	NA	6 inches, dry, tan, medium Sand and fine Gravel, fill material	ND
					3 inch coal layer	
					27 inches, dry, tan, coarse Sand, some medium Gravel	
					fill material	
	S-2	5-10	60/42	NA	12 inches, same as above	ND
					12 inches, tan-orange, medium Sand	
					18 inches, wet, tan, medium Sand, trace Silt	
					Laboratory soil sample was collected	
					at the top of groundwater depth 6-7 depth was collected.	

DRILLING RIG TYPE: Remote Control Geoprobe Rig

MONITORING WELL INSTALLED No

RISER FROM: TO: SCREEN FROM: TO:

SURFACE ELEVATION: N/A

START DATE: 11/8/2002

END DATE: 11/8/2002

NOTES:

NC - Not Collected; not enough quanity to collect sample for headspace
NA - Not Applicable
NR - Not Recorded
ND-non detect above background

TEST BORING REPORT

BORING NUMBER: SB06-312

New Hampshire Boring

3 Liberty Drive
Londonderry NH 03053
Phone 603-437-1610

PROJECT: NAS Weymouth

LOCATION: Naval Air Station RIA 88

CONTRACTOR: New Hampshire Boring

JOB NUMBER: 42911650

CLIENT: Department of the Navy

DRILLER: Rick Dupont

FIELD REP: Pernilla Lindblom

	SAMPLER	CASING	CORE BARREL	DEPTH TO GROUNDWATER	
TYPE	Geoprobe	Acetate Liner	---	DATE	11/7/2002
SIZE (ID)			---		
HAMMER WEIGHT	-	-	---	GROUNDWATER DEPTH	7.5 feet below grade
HAMMER FALL	-	-	---		

SAMPLE DEPTH (feet)	No	DEPTH (feet)	PEN/REC (inches)	BLOWS/6"	DESCRIPTION OF MATERIALS	PID ppm
	S-1	0-5	60/48	NA	12 inches, concrete	ND
					12 inches, black coal pieces mixed with coarse Sand and Gravel	
					36 inches, brown coarse Sand with medium Gravel.	
					A one inch coal layer was observed at the 4 foot depth.	
	S-2	5-10	60/60	NA	30 inches, brown, medium Sand and fine Gravel	ND
					30 inches, tan, Silt, fine Sand	
					Laboratory soil sample was collected below the coal layer and above groundwater 5-6.5 depth was collected.	

DRILLING RIG TYPE: Remote Control Geoprobe Rig

MONITORING WELL INSTALLED: No

RISER FROM: TO: SCREEN FROM: TO:

SURFACE ELEVATION: N/A

START DATE: 11/7/2002

END DATE: 11/7/2002

NOTES:

NC - Not Collected; not enough quanity to collect sample for headspace
NA - Not Applicable
NR - Not Recorded
ND-non detect above background

BORING LOG

BORING NUMBER: SB06-340

New Hampshire Boring

3 Liberty Drive
Londonderry NH 03053
Phone 603-437-1610

PROJECT: South Weymouth Naval Air Base

LOCATION: RIA 33 - AIMD Building

CONTRACTOR: New Hampshire Boring

JOB NUMBER: 604291

CLIENT: EFANE

DRILLER: David Thompson

FIELD REP: Colleen Dill

	SAMPLER	CASING	CORE BARREL
TYPE		Geoprobe	---
SIZE (ID)		2.125"	---
HAMMER WEIGHT			---
HAMMER FALL		---	---

DEPTH TO GROUNDWATER/PRODUCT			
DATE	#		
PRODUCT DEPTH			
GROUNDWATER DEPTH			
CASING/MW			

SAMPLE DEPTH (feet)	No	DEPTH	PEN/REC	BLOWS/6"	DESCRIPTION OF MATERIALS	PID ppm
		0-5	60" / 48"	NA	0 to 0.3 ft - Asphalt Pavement	
					0.3 to 3.5 ft - tan/brown, m to c SAND, some f to c gravel, tr silt, moist	
1						
2						
3						
					3.5 to 4 ft - tan, f to c SAND, tr f gravel, moist	
4						
					Note: No eveidence of coal observed	
4						
6						

DRILLING RIG TYPE: Truck Geoprobe

MONITORING WELL INSTALLED: No

RISER FROM: TO: SCREEN FROM: TO:

SURFACE ELEVATION:

START DATE: 7/24/03

END DATE: 7/24/03

PROPORTIONS USED		COHESIONLESS DENSITY		COHESIVE DENSITY		SUMMARY
Trace	0-10%	0-4	Very Loose	0-2	Very Soft	
Little	10-20%	4-10	Loose	2-4	Soft	Overburden (feet):
Some	20-35%	10-30	Medium Dense	4-8	Medium Stiff	Rock Cored (feet):
And	35-50%	30-50	Dense	8-15	Stiff	# of samples:
		50+	Very Dense	15-30	Very Stiff	Well set (feet):
				30+	Hard	

BORING LOG

BORING NUMBER: SB06-341

New Hampshire Boring

3 Liberty Drive
Londonderry NH 03053
Phone 603-437-1610

PROJECT: South Weymouth Naval Air Base

LOCATION: RIA 33 - AIMD Building

CONTRACTOR: New Hampshire Boring

JOB NUMBER: 604291

CLIENT: EFANE

DRILLER: David Thompson

FIELD REP: Colleen Dill

	SAMPLER	CASING	CORE BARREL
TYPE		Geoprobe	---
SIZE (ID)		2.125"	---
HAMMER WEIGHT			---
HAMMER FALL		---	---

DEPTH TO GROUNDWATER/PRODUCT			
DATE	#		
PRODUCT DEPTH			
GROUNDWATER DEPTH			
CASING/MW			

SAMPLE DEPTH (feet)	No	DEPTH	PEN/REC	BLOWS/6"	DESCRIPTION OF MATERIALS	PID ppm
		0-5	60" / 48"	NA	0 to 0.3 ft - Asphalt Pavement	
					0.3 to 1.2 ft - brown f to m SAND and SILT, little f to m gravel, moist	
1						
					1.2 to 3.5 ft - tan mto c SAND, some m to c gravel, sl moist	
2						
					3.5 to 4 ft - grey c SAND	
3						
4						
					Note: No evidence of coal observed	
4						
6						

DRILLING RIG TYPE: Truck Geoprobe

MONITORING WELL INSTALLED: No

RISER FROM: TO: SCREEN FROM: TO:

SURFACE ELEVATION:

START DATE: 7/24/03

END DATE: 7/24/03

PROPORTIONS USED		COHESIONLESS DENSITY		COHESIVE DENSITY		SUMMARY
Trace	0-10%	0-4	Very Loose	0-2	Very Soft	
Little	10-20%	4-10	Loose	2-4	Soft	Overburden (feet):
Some	20-35%	10-30	Medium Dense	4-8	Medium Stiff	Rock Cored (feet):
And	35-50%	30-50	Dense	8-15	Stiff	# of samples:
		50+	Very Dense	15-30	Very Stiff	Well set (feet):
				30+	Hard	

BORING LOG

BORING NUMBER: SB06-342

New Hampshire Boring

3 Liberty Drive
Londonderry NH 03053
Phone 603-437-1610

PROJECT: South Weymouth Naval Air Base

LOCATION: RIA 33 - AIMD Building

CONTRACTOR: New Hampshire Boring

JOB NUMBER: 604291

CLIENT: EFANE

DRILLER: David Thompson

FIELD REP: Colleen Dill

	SAMPLER	CASING	CORE BARREL
TYPE		Geoprobe	---
SIZE (ID)		2.125"	---
HAMMER WEIGHT			---
HAMMER FALL		---	---

DEPTH TO GROUNDWATER/PRODUCT			
DATE	#		
PRODUCT DEPTH			
GROUNDWATER DEPTH			
CASING/MW			

SAMPLE DEPTH (feet)	No	DEPTH	PEN/REC	BLOWS/6"	DESCRIPTION OF MATERIALS	PID ppm
		0-5	60" / 48"	NA	0 to 0.3 ft - Asphalt Pavement	
					0.3 to 3.5 ft - tan-brown f to c SAND and f to c GRAVEL	
1						
2						
					3.5 to 4 ft - tan/grey c SAND	
3						
4						
					Note: No evidence of coal observed	
4						
6						

DRILLING RIG TYPE: Truck Geoprobe

MONITORING WELL INSTALLED: No

RISER FROM: TO: SCREEN FROM: TO:

SURFACE ELEVATION:

START DATE: 7/24/03

END DATE: 7/24/03

PROPORTIONS USED		COHESIONLESS DENSITY		COHESIVE DENSITY		SUMMARY
Trace	0-10%	0-4	Very Loose	0-2	Very Soft	
Little	10-20%	4-10	Loose	2-4	Soft	Overburden (feet):
Some	20-35%	10-30	Medium Dense	4-8	Medium Stiff	Rock Cored (feet):
And	35-50%	30-50	Dense	8-15	Stiff	# of samples:
		50+	Very Dense	15-30	Very Stiff	Well set (feet):
				30+	Hard	

BORING LOG

BORING NUMBER: SB06-343

New Hampshire Boring

3 Liberty Drive
Londonderry NH 03053
Phone 603-437-1610

PROJECT: South Weymouth Naval Air Base

LOCATION: RIA 33 - AIMD Building

CONTRACTOR: New Hampshire Boring

JOB NUMBER: 604291

CLIENT: EFANE

DRILLER: David Thompson

FIELD REP: Colleen Dill

	SAMPLER	CASING	CORE BARREL
TYPE		Geoprobe	---
SIZE (ID)		2.125"	---
HAMMER WEIGHT			---
HAMMER FALL		---	---

DEPTH TO GROUNDWATER/PRODUCT			
DATE	#		
PRODUCT DEPTH			
GROUNDWATER DEPTH			
CASING/MW			

SAMPLE DEPTH (feet)	No	DEPTH	PEN/REC	BLOWS/6"	DESCRIPTION OF MATERIALS	PID ppm
		0-5	60" / 48"	NA	0 to 0.3 ft - Asphalt Pavement	
					0.3 to 1.5 ft - brown/tan c SAND and GRAVEL, with silt.	
					Coal seam (0.5") at 0.5 ft	
1						
					1.5 to 4 ft - tan/grey c SAND, tr m gravel	
2						
3						
4						
					Note: 1/2" coal seam observed at 0.5 ft below grade surface	
4						
6						

DRILLING RIG TYPE: Truck Geoprobe

MONITORING WELL INSTALLED: No

RISER FROM: TO: SCREEN FROM: TO:

SURFACE ELEVATION:

START DATE: 7/24/03

END DATE: 7/24/03

PROPORTIONS USED		COHESIONLESS DENSITY		COHESIVE DENSITY		SUMMARY
Trace	0-10%	0-4	Very Loose	0-2	Very Soft	
Little	10-20%	4-10	Loose	2-4	Soft	Overburden (feet):
Some	20-35%	10-30	Medium Dense	4-8	Medium Stiff	Rock Cored (feet):
And	35-50%	30-50	Dense	8-15	Stiff	# of samples:
		50+	Very Dense	15-30	Very Stiff	Well set (feet):
				30+	Hard	

BORING LOG

BORING NUMBER: SB06-344

New Hampshire Boring

3 Liberty Drive
Londonderry NH 03053
Phone 603-437-1610

PROJECT: South Weymouth Naval Air Base

LOCATION: RIA 33 - AIMD Building

CONTRACTOR: New Hampshire Boring

JOB NUMBER: 604291

CLIENT: EFANE

DRILLER: David Thompson

FIELD REP: Colleen Dill

	SAMPLER	CASING	CORE BARREL
TYPE		Geoprobe	---
SIZE (ID)		2.125"	---
HAMMER WEIGHT			---
HAMMER FALL		---	---

DEPTH TO GROUNDWATER/PRODUCT			
DATE	#		
PRODUCT DEPTH			
GROUNDWATER DEPTH			
CASING/MW			

SAMPLE DEPTH (feet)	No	DEPTH	PEN/REC	BLOWS/6"	DESCRIPTION OF MATERIALS	PID ppm
		0-5	60" / 48"	NA	0 to 0.5 ft - Asphalt Pavement	
					0.5 to 1.5 ft - brown/tan c SAND and GRAVEL, with silt.	
1						
					1.5 to 4 ft - tan/grey c SAND, tr m gravel	
2						
3						
4						
					Note: No evidence of coal observed	
4						
6						

DRILLING RIG TYPE: Truck Geoprobe

MONITORING WELL INSTALLED: No

RISER FROM: TO: SCREEN FROM: TO:

SURFACE ELEVATION:

START DATE: 7/24/03

END DATE: 7/24/03

PROPORTIONS USED		COHESIONLESS DENSITY		COHESIVE DENSITY		SUMMARY
Trace	0-10%	0-4	Very Loose	0-2	Very Soft	
Little	10-20%	4-10	Loose	2-4	Soft	Overburden (feet):
Some	20-35%	10-30	Medium Dense	4-8	Medium Stiff	Rock Cored (feet):
And	35-50%	30-50	Dense	8-15	Stiff	# of samples:
		50+	Very Dense	15-30	Very Stiff	Well set (feet):
				30+	Hard	

BORING LOG

BORING NUMBER: SB06-345

New Hampshire Boring

3 Liberty Drive
Londonderry NH 03053
Phone 603-437-1610

PROJECT: South Weymouth Naval Air Base

LOCATION: RIA 33 - AIMD Building

CONTRACTOR: New Hampshire Boring

JOB NUMBER: 604291

CLIENT: EFANE

DRILLER: David Thompson

FIELD REP: Colleen Dill

	SAMPLER	CASING	CORE BARREL
TYPE		Geoprobe	---
SIZE (ID)		2.125"	---
HAMMER WEIGHT			---
HAMMER FALL		---	---

DEPTH TO GROUNDWATER/PRODUCT			
DATE	#		
PRODUCT DEPTH			
GROUNDWATER DEPTH			
CASING/MW			

SAMPLE DEPTH (feet)	No	DEPTH	PEN/REC	BLOWS/6"	DESCRIPTION OF MATERIALS	PID ppm
		0-5	60" / 36"	NA	0 to 0.1 ft - Asphalt Pavement	
					0.1 to 2.8 ft - brown/orange m to c SAND and f to c GRAVEL, tr silt at 2.6 ft, sl moist	
1						
					2.8 to 3 ft - tan c SAND, moist	
2						
3						
4						
					Note: No evidence of coal observed	
4						
6						

DRILLING RIG TYPE: Truck Geoprobe

MONITORING WELL INSTALLED: No

RISER FROM: TO: SCREEN FROM: TO:

SURFACE ELEVATION:

START DATE: 7/24/03

END DATE: 7/24/03

PROPORTIONS USED		COHESIONLESS DENSITY		COHESIVE DENSITY		SUMMARY
Trace	0-10%	0-4	Very Loose	0-2	Very Soft	
Little	10-20%	4-10	Loose	2-4	Soft	Overburden (feet):
Some	20-35%	10-30	Medium Dense	4-8	Medium Stiff	Rock Cored (feet):
And	35-50%	30-50	Dense	8-15	Stiff	# of samples:
		50+	Very Dense	15-30	Very Stiff	Well set (feet):
				30+	Hard	

BORING LOG

BORING NUMBER: SB06-346

New Hampshire Boring

3 Liberty Drive
Londonderry NH 03053
Phone 603-437-1610

PROJECT: South Weymouth Naval Air Base

LOCATION: RIA 33 - AIMD Building

CONTRACTOR: New Hampshire Boring

JOB NUMBER: 604291

CLIENT: EFANE

DRILLER: David Thompson

FIELD REP: Colleen Dill

	SAMPLER	CASING	CORE BARREL
TYPE		Geoprobe	---
SIZE (ID)		2.125"	---
HAMMER WEIGHT			---
HAMMER FALL		---	---

DEPTH TO GROUNDWATER/PRODUCT			
DATE	#		
PRODUCT DEPTH			
GROUNDWATER DEPTH			
CASING/MW			

SAMPLE DEPTH (feet)	No	DEPTH	PEN/REC	BLOWS/6"	DESCRIPTION OF MATERIALS	PID ppm
		0-5	60" / 42"	NA	0 to 0.3 ft - Asphalt Pavement	
					0.4 to 2.3 ft - brown/orange c SAND and f to c GRAVEL, moist	
1						
2						
					2.3 to 3 ft - brown/grey f SAND with silt, tr f gravel, v moist	
3						
4						
					Note: No evidence of coal observed	
4						
6						

DRILLING RIG TYPE: Truck Geoprobe

MONITORING WELL INSTALLED: No

RISER FROM: TO: SCREEN FROM: TO:

SURFACE ELEVATION:

START DATE: 7/24/03

END DATE: 7/24/03

PROPORTIONS USED		COHESIONLESS DENSITY		COHESIVE DENSITY		SUMMARY
Trace	0-10%	0-4	Very Loose	0-2	Very Soft	
Little	10-20%	4-10	Loose	2-4	Soft	Overburden (feet):
Some	20-35%	10-30	Medium Dense	4-8	Medium Stiff	Rock Cored (feet):
And	35-50%	30-50	Dense	8-15	Stiff	# of samples:
		50+	Very Dense	15-30	Very Stiff	Well set (feet):
				30+	Hard	

BORING LOG

BORING NUMBER: SB06-347

New Hampshire Boring

3 Liberty Drive
Londonderry NH 03053
Phone 603-437-1610

PROJECT: South Weymouth Naval Air Base

LOCATION: RIA 33 - AIMD Building

CONTRACTOR: New Hampshire Boring

JOB NUMBER: 604291

CLIENT: EFANE

DRILLER: David Thompson

FIELD REP: Colleen Dill

	SAMPLER	CASING	CORE BARREL
TYPE		Geoprobe	---
SIZE (ID)		2.125"	---
HAMMER WEIGHT			---
HAMMER FALL		---	---

DEPTH TO GROUNDWATER/PRODUCT			
DATE	#		
PRODUCT DEPTH			
GROUNDWATER DEPTH			
CASING/MW			

SAMPLE DEPTH (feet)	No	DEPTH	PEN/REC	BLOWS/6"	DESCRIPTION OF MATERIALS	PID ppm
		0-5	60" / 42"	NA	0.3 to 2.5 ft - brown/tan m to c SAND and f to c GRAVEL, moist	
1						
2						
3					2.5 to 3 ft - dk brown to orange-brown f to m SAND, some m to c GRAVEL, moist	
4					3 to 3.5 ft - grey, f SAND, little silt, dense, s moist, orange band through layer	
4					**Note: No evidence of coal observed**	
6						

DRILLING RIG TYPE: Truck Geoprobe

MONITORING WELL INSTALLED: No

RISER FROM: TO: SCREEN FROM: TO:

SURFACE ELEVATION:

START DATE: 7/24/03

END DATE: 7/24/03

PROPORTIONS USED		COHESIONLESS DENSITY		COHESIVE DENSITY		SUMMARY
Trace	0-10%	0-4	Very Loose	0-2	Very Soft	
Little	10-20%	4-10	Loose	2-4	Soft	Overburden (feet):
Some	20-35%	10-30	Medium Dense	4-8	Medium Stiff	Rock Cored (feet):
And	35-50%	30-50	Dense	8-15	Stiff	# of samples:
		50+	Very Dense	15-30	Very Stiff	Well set (feet):
				30+	Hard	

BORING LOG

BORING NUMBER: SB06-348

New Hampshire Boring

3 Liberty Drive
Londonderry NH 03053
Phone 603-437-1610

PROJECT: South Weymouth Naval Air Base

LOCATION: RIA 33 - AIMD Building

CONTRACTOR: New Hampshire Boring

JOB NUMBER: 604291

CLIENT: EFANE

DRILLER: David Thompson

FIELD REP: Colleen Dill

	SAMPLER	CASING	CORE BARREL
TYPE		Geoprobe	---
SIZE (ID)		2.125"	---
HAMMER WEIGHT			---
HAMMER FALL		---	---

DEPTH TO GROUNDWATER/PRODUCT			
DATE	#		
PRODUCT DEPTH			
GROUNDWATER DEPTH			
CASING/MW			

SAMPLE DEPTH (feet)	No	DEPTH	PEN/REC	BLOWS/6"	DESCRIPTION OF MATERIALS	PID ppm
		0-5	60" / 36"	NA	0 to 0.4 ft - Asphalt Pavement 0.4 to 3 ft - brown/tan m to c SAND and f to c GRAVEL, moist, band of dk brown to orange f sand at 2.5 ft	
1						
2						
3						
4						
4					**Note: No evidence of coal observed**	
6						

DRILLING RIG TYPE: Truck Geoprobe

MONITORING WELL INSTALLED: No

RISER FROM: TO: SCREEN FROM: TO:

SURFACE ELEVATION:

START DATE: 7/24/03

END DATE: 7/24/03

PROPORTIONS USED		COHESIONLESS DENSITY		COHESIVE DENSITY		SUMMARY
Trace	0-10%	0-4	Very Loose	0-2	Very Soft	
Little	10-20%	4-10	Loose	2-4	Soft	Overburden (feet):
Some	20-35%	10-30	Medium Dense	4-8	Medium Stiff	Rock Cored (feet):
And	35-50%	30-50	Dense	8-15	Stiff	# of samples:
		50+	Very Dense	15-30	Very Stiff	Well set (feet):
				30+	Hard	

BORING LOG

BORING NUMBER: SB06-349

New Hampshire Boring

3 Liberty Drive
Londonderry NH 03053
Phone 603-437-1610

PROJECT: South Weymouth Naval Air Base

LOCATION: RIA 33 - AIMD Building

CONTRACTOR: New Hampshire Boring

JOB NUMBER: 604291

CLIENT: EFANE

DRILLER: David Thompson

FIELD REP: Colleen Dill

	SAMPLER	CASING	CORE BARREL
TYPE		Geoprobe	---
SIZE (ID)		2.125"	---
HAMMER WEIGHT			---
HAMMER FALL		---	---

DEPTH TO GROUNDWATER/PRODUCT			
DATE	#		
PRODUCT DEPTH			
GROUNDWATER DEPTH			
CASING/MW			

SAMPLE DEPTH (feet)	No	DEPTH	PEN/REC	BLOWS/6"	DESCRIPTION OF MATERIALS	PID ppm
		0-5	60" / 24"	NA	0 to 0.1 ft - Asphalt Pavement	
					0.1 to 1.5 ft - Brown f to m SAND, little m gravel	
1						
					1.5 to 2 ft - c GRAVEL, dry	
2						
3						
4						
4					**Note: No evidence of coal observed**	
6						

DRILLING RIG TYPE: Truck Geoprobe

MONITORING WELL INSTALLED: No

RISER FROM: TO: SCREEN FROM: TO:

SURFACE ELEVATION:

START DATE: 7/24/03

END DATE: 7/24/03

PROPORTIONS USED		COHESIONLESS DENSITY		COHESIVE DENSITY		SUMMARY
Trace	0-10%	0-4	Very Loose	0-2	Very Soft	
Little	10-20%	4-10	Loose	2-4	Soft	Overburden (feet):
Some	20-35%	10-30	Medium Dense	4-8	Medium Stiff	Rock Cored (feet):
And	35-50%	30-50	Dense	8-15	Stiff	# of samples:
		50+	Very Dense	15-30	Very Stiff	Well set (feet):
				30+	Hard	

BORING LOG

BORING NUMBER: SB06-350

New Hampshire Boring

3 Liberty Drive
Londonderry NH 03053
Phone 603-437-1610

PROJECT: South Weymouth Naval Air Base

LOCATION: RIA 33 - AIMD Building

CONTRACTOR: New Hampshire Boring

JOB NUMBER: 604291

CLIENT: EFANE

DRILLER: David Thompson

FIELD REP: Colleen Dill

	SAMPLER	CASING	CORE BARREL
TYPE		Geoprobe	---
SIZE (ID)		2.125"	---
HAMMER WEIGHT			---
HAMMER FALL		---	---

DEPTH TO GROUNDWATER/PRODUCT			
DATE	#		
PRODUCT DEPTH			
GROUNDWATER DEPTH			
CASING/MW			

SAMPLE DEPTH (feet)	No	DEPTH	PEN/REC	BLOWS/6"	DESCRIPTION OF MATERIALS	PID ppm
		0-5	60" / 54"	NA	0 to 0.2 ft - Asphalt Pavement	
					0.2 to 3 ft - Brown/Tan f to m SAND, some f to c gravel	
1						
2						
3						
					3 to 3.1 ft - Grey silty SAND	
					3.1 to 4 ft - Orange/brown m to c SAND, f to m gravel, c gravel at 3.5 ft	
4						
					4 to 4.5 ft - grey f SAND, tr f GRAVEL, sl moist, dk brown silty SAND layer (0.5") at 4 ft	
4						
					Note: No evidence of coal observed	
6						

DRILLING RIG TYPE: Truck Geoprobe

MONITORING WELL INSTALLED: No

RISER FROM: TO: SCREEN FROM: TO:

SURFACE ELEVATION:

START DATE: 7/24/03

END DATE: 7/24/03

PROPORTIONS USED		COHESIONLESS DENSITY		COHESIVE DENSITY		SUMMARY
Trace	0-10%	0-4	Very Loose	0-2	Very Soft	
Little	10-20%	4-10	Loose	2-4	Soft	Overburden (feet):
Some	20-35%	10-30	Medium Dense	4-8	Medium Stiff	Rock Cored (feet):
And	35-50%	30-50	Dense	8-15	Stiff	# of samples:
		50+	Very Dense	15-30	Very Stiff	Well set (feet):
				30+	Hard	

BORING LOG

BORING NUMBER: SB06-351

New Hampshire Boring

3 Liberty Drive
Londonderry NH 03053
Phone 603-437-1610

PROJECT: South Weymouth Naval Air Base

LOCATION: RIA 33 - AIMD Building

CONTRACTOR: New Hampshire Boring

JOB NUMBER: 604291

CLIENT: EFANE

DRILLER: David Thompson

FIELD REP: Colleen Dill

	SAMPLER	CASING	CORE BARREL
TYPE		Geoprobe	---
SIZE (ID)		2.125"	---
HAMMER WEIGHT			---
HAMMER FALL		---	---

DEPTH TO GROUNDWATER/PRODUCT			
DATE	#		
PRODUCT DEPTH			
GROUNDWATER DEPTH			
CASING/MW			

SAMPLE DEPTH (feet)	No	DEPTH	PEN/REC	BLOWS/6"	DESCRIPTION OF MATERIALS	PID ppm
		0-5	60" / 36"	NA	0 to 0.5 ft - Asphalt pavement and fill	
					0.5 to 0.9 ft - Orange brown SAND	
1					Coal band at 1ft	
					1 to 3 ft - Grey/brown c SAND, little gravel	
2						
3						
4						
					Note: Coal band observed 1 foot below grade surface	
4						
6						

DRILLING RIG TYPE: Truck Geoprobe

MONITORING WELL INSTALLED: No

RISER FROM: TO: SCREEN FROM: TO:

SURFACE ELEVATION:

START DATE: 7/24/03

END DATE: 7/24/03

PROPORTIONS USED		COHESIONLESS DENSITY		COHESIVE DENSITY		SUMMARY
Trace	0-10%	0-4	Very Loose	0-2	Very Soft	
Little	10-20%	4-10	Loose	2-4	Soft	Overburden (feet):
Some	20-35%	10-30	Medium Dense	4-8	Medium Stiff	Rock Cored (feet):
And	35-50%	30-50	Dense	8-15	Stiff	# of samples:
		50+	Very Dense	15-30	Very Stiff	Well set (feet):
				30+	Hard	

BORING LOG

BORING NUMBER: SB06-352

New Hampshire Boring

3 Liberty Drive
Londonderry NH 03053
Phone 603-437-1610

PROJECT: South Weymouth Naval Air Base

LOCATION: RIA 33 - AIMD Building

CONTRACTOR: New Hampshire Boring

JOB NUMBER: 604291

CLIENT: EFANE

DRILLER: David Thompson

FIELD REP: Colleen Dill

	SAMPLER	CASING	CORE BARREL
TYPE		Geoprobe	---
SIZE (ID)		2.125"	---
HAMMER WEIGHT			---
HAMMER FALL		---	---

DEPTH TO GROUNDWATER/PRODUCT			
DATE	#		
PRODUCT DEPTH			
GROUNDWATER DEPTH			
CASING/MW			

SAMPLE DEPTH (feet)	No	DEPTH	PEN/REC	BLOWS/6"	DESCRIPTION OF MATERIALS	PID ppm
		0-5	60" / 42"	NA	0 to 0.2 ft - Organic material and f SAND	
					0.2 to 2.5 ft - Brown c SAND and f to c GRAVEL	
1						
2						
					2.5 to 3 ft - Brown silty SAND, tr f gravel, moist	
3						
					3 to 3.5 ft - Grey silty SAND, tr m gravel, moist	
4						
					Note: No evidence of coal observed	
4						
6						

DRILLING RIG TYPE: Truck Geoprobe

MONITORING WELL INSTALLED: No

RISER FROM: TO: SCREEN FROM: TO:

SURFACE ELEVATION:

START DATE: 7/24/03

END DATE: 7/24/03

PROPORTIONS USED		COHESIONLESS DENSITY		COHESIVE DENSITY		SUMMARY
Trace	0-10%	0-4	Very Loose	0-2	Very Soft	
Little	10-20%	4-10	Loose	2-4	Soft	Overburden (feet):
Some	20-35%	10-30	Medium Dense	4-8	Medium Stiff	Rock Cored (feet):
And	35-50%	30-50	Dense	8-15	Stiff	# of samples:
		50+	Very Dense	15-30	Very Stiff	Well set (feet):
				30+	Hard	

BORING LOG

BORING NUMBER: SB06-353

New Hampshire Boring

3 Liberty Drive
Londonderry NH 03053
Phone 603-437-1610

PROJECT: South Weymouth Naval Air Base

LOCATION: RIA 33 - AIMD Building

CONTRACTOR: New Hampshire Boring

JOB NUMBER: 604291

CLIENT: EFANE

DRILLER: David Thompson

FIELD REP: Colleen Dill

	SAMPLER	CASING	CORE BARREL
TYPE		Geoprobe	---
SIZE (ID)		2.125"	---
HAMMER WEIGHT			---
HAMMER FALL		---	---

DEPTH TO GROUNDWATER/PRODUCT			
DATE	#		
PRODUCT DEPTH			
GROUNDWATER DEPTH			
CASING/MW			

SAMPLE DEPTH (feet)	No	DEPTH	PEN/REC	BLOWS/6"	DESCRIPTION OF MATERIALS	PID ppm
		0-5	60" / 36"	NA	0 to 0.5 ft - Organic material and c GRAVEL	
					0.5 to 0.8 ft - Purple c GRAVEL, foliated	
					0.8 to 2.9 ft - Tan f to m SAND and c GRAVEL, dense	
1						
2						
3					2.9 to 3 ft - Silty SAND with some f gravel	
4						
4					**Note: No evidence of coal observed**	
6						

DRILLING RIG TYPE: Truck Geoprobe

MONITORING WELL INSTALLED: No

RISER FROM: TO: SCREEN FROM: TO:

SURFACE ELEVATION:

START DATE: 7/24/03

END DATE: 7/24/03

PROPORTIONS USED		COHESIONLESS DENSITY		COHESIVE DENSITY		SUMMARY
Trace	0-10%	0-4	Very Loose	0-2	Very Soft	
Little	10-20%	4-10	Loose	2-4	Soft	Overburden (feet):
Some	20-35%	10-30	Medium Dense	4-8	Medium Stiff	Rock Cored (feet):
And	35-50%	30-50	Dense	8-15	Stiff	# of samples:
		50+	Very Dense	15-30	Very Stiff	Well set (feet):
				30+	Hard	

BORING LOG

BORING NUMBER: SB06-354

New Hampshire Boring

3 Liberty Drive
Londonderry NH 03053
Phone 603-437-1610

PROJECT: South Weymouth Naval Air Base

LOCATION: RIA 33 - AIMD Building

CONTRACTOR: New Hampshire Boring

JOB NUMBER: 604291

CLIENT: EFANE

DRILLER: David Thompson

FIELD REP: Colleen Dill

	SAMPLER	CASING	CORE BARREL
TYPE		Geoprobe	---
SIZE (ID)		2.125"	---
HAMMER WEIGHT			---
HAMMER FALL		---	---

DEPTH TO GROUNDWATER/PRODUCT			
DATE	#		
PRODUCT DEPTH			
GROUNDWATER DEPTH			
CASING/MW			

SAMPLE DEPTH (feet)	No	DEPTH	PEN/REC	BLOWS/6"	DESCRIPTION OF MATERIALS	PID ppm
		0-5	60" / 36"	NA	0 to 0.2 ft - Organic material 0.2 to 2.5 ft - grey/brown f to m SAND, random c gravel, dark layer of coal and coal ash (2") at 2.2 ft	
1						
2						
3					2.5 to 3 ft - grey/brown f to m silty SAND, random c gravel	
4						
4					**Note: 2" coal layer observed at 2.2 feet below grade surface**	
6						

DRILLING RIG TYPE: Truck Geoprobe

MONITORING WELL INSTALLED: No

RISER FROM: TO: SCREEN FROM: TO:

SURFACE ELEVATION:

START DATE: 7/24/03

END DATE: 7/24/03

PROPORTIONS USED		COHESIONLESS DENSITY		COHESIVE DENSITY		SUMMARY
Trace	0-10%	0-4	Very Loose	0-2	Very Soft	
Little	10-20%	4-10	Loose	2-4	Soft	Overburden (feet):
Some	20-35%	10-30	Medium Dense	4-8	Medium Stiff	Rock Cored (feet):
And	35-50%	30-50	Dense	8-15	Stiff	# of samples:
		50+	Very Dense	15-30	Very Stiff	Well set (feet):
				30+	Hard	

BORING LOG

BORING NUMBER: SB06-355

New Hampshire Boring

3 Liberty Drive
Londonderry NH 03053
Phone 603-437-1610

PROJECT: South Weymouth Naval Air Base

LOCATION: RIA 33 - AIMD Building

CONTRACTOR: New Hampshire Boring

JOB NUMBER: 604291

CLIENT: EFANE

DRILLER: David Thompson

FIELD REP: Colleen Dill

	SAMPLER	CASING	CORE BARREL
TYPE		Geoprobe	---
SIZE (ID)		2.125"	---
HAMMER WEIGHT			---
HAMMER FALL		---	---

DEPTH TO GROUNDWATER/PRODUCT			
DATE	#		
PRODUCT DEPTH			
GROUNDWATER DEPTH			
CASING/MW			

SAMPLE DEPTH (feet)	No	DEPTH	PEN/REC	BLOWS/6"	DESCRIPTION OF MATERIALS	PID ppm
		0-5	60" / 36"	NA	0 to 0.2 ft - Organic material 0.2 to 2 ft - Orange/brown m SAND, some m to c gravel	
1						
2						
3					2 to 2.3 ft - Brown silty SAND with some m gravel 2.3 to 2.4 ft - Dark material similar to SB06-354, no coal fragments 2.4 to 3 ft - Grey/tan f to m SAND, little f to m gravel, tr silt, dense	
4						
4					**Note: No evidence of coal observed**	
6						

DRILLING RIG TYPE: Truck Geoprobe

MONITORING WELL INSTALLED: No

RISER FROM: TO: SCREEN FROM: TO:

SURFACE ELEVATION:

START DATE: 7/24/03

END DATE: 7/24/03

PROPORTIONS USED		COHESIONLESS DENSITY		COHESIVE DENSITY		SUMMARY
Trace	0-10%	0-4	Very Loose	0-2	Very Soft	
Little	10-20%	4-10	Loose	2-4	Soft	Overburden (feet):
Some	20-35%	10-30	Medium Dense	4-8	Medium Stiff	Rock Cored (feet):
And	35-50%	30-50	Dense	8-15	Stiff	# of samples:
		50+	Very Dense	15-30	Very Stiff	Well set (feet):
				30+	Hard	

BORING LOG

BORING NUMBER: SB06-356

New Hampshire Boring

3 Liberty Drive
Londonderry NH 03053
Phone 603-437-1610

PROJECT: South Weymouth Naval Air Base

LOCATION: RIA 33 - AIMD Building

CONTRACTOR: New Hampshire Boring

JOB NUMBER: 604291

CLIENT: EFANE

DRILLER: David Thompson

FIELD REP: Colleen Dill

	SAMPLER	CASING	CORE BARREL
TYPE		Geoprobe	---
SIZE (ID)		2.125"	---
HAMMER WEIGHT			---
HAMMER FALL		---	---

DEPTH TO GROUNDWATER/PRODUCT			
DATE	#		
PRODUCT DEPTH			
GROUNDWATER DEPTH			
CASING/MW			

SAMPLE DEPTH (feet)	No	DEPTH	PEN/REC	BLOWS/6"	DESCRIPTION OF MATERIALS	PID ppm
		0-5	60" / 36"	NA	0 to 0.4 ft - Organic material 0.4 to 3 ft - Brown/tan/orange, m to c SAND and m to c GRAVEL	
1						
2						
3						
4						
4					**Note: No evidence of coal observed**	
6						

DRILLING RIG TYPE: Truck Geoprobe

MONITORING WELL INSTALLED: No

RISER FROM: TO: SCREEN FROM: TO:

SURFACE ELEVATION:

START DATE: 7/24/03

END DATE: 7/24/03

PROPORTIONS USED		COHESIONLESS DENSITY		COHESIVE DENSITY		SUMMARY
Trace	0-10%	0-4	Very Loose	0-2	Very Soft	
Little	10-20%	4-10	Loose	2-4	Soft	Overburden (feet):
Some	20-35%	10-30	Medium Dense	4-8	Medium Stiff	Rock Cored (feet):
And	35-50%	30-50	Dense	8-15	Stiff	# of samples:
		50+	Very Dense	15-30	Very Stiff	Well set (feet):
				30+	Hard	

BORING LOG

BORING NUMBER: SB06-357

New Hampshire Boring

3 Liberty Drive
Londonderry NH 03053
Phone 603-437-1610

PROJECT: South Weymouth Naval Air Base

LOCATION: RIA 33 - AIMD Building

CONTRACTOR: New Hampshire Boring

JOB NUMBER: 604291

CLIENT: EFANE

DRILLER: David Thompson

FIELD REP: Colleen Dill

	SAMPLER	CASING	CORE BARREL
TYPE		Geoprobe	---
SIZE (ID)		2.125"	---
HAMMER WEIGHT			---
HAMMER FALL		---	---

DEPTH TO GROUNDWATER/PRODUCT			
DATE	#		
PRODUCT DEPTH			
GROUNDWATER DEPTH			
CASING/MW			

SAMPLE DEPTH (feet)	No	DEPTH	PEN/REC	BLOWS/6"	DESCRIPTION OF MATERIALS	PID ppm
		0-5	60" / 38"	NA	0 to 0.3 ft - Organic material 0.3 to 1 ft - Brown, f to m SAND, little m to c gravel	
1					1 to 3.5 ft - Tan/Brown m to c SAND, little f to m gravel, tr coal at 3 ft	
2						
3						
4						
4					**Note: Coal traces observed at 3 feet below gradce surface**	
6						

DRILLING RIG TYPE: Truck Geoprobe

MONITORING WELL INSTALLED: No

RISER FROM: TO: SCREEN FROM: TO:

SURFACE ELEVATION:

START DATE: 7/24/03

END DATE: 7/24/03

PROPORTIONS USED		COHESIONLESS DENSITY		COHESIVE DENSITY		SUMMARY
Trace	0-10%	0-4	Very Loose	0-2	Very Soft	
Little	10-20%	4-10	Loose	2-4	Soft	Overburden (feet):
Some	20-35%	10-30	Medium Dense	4-8	Medium Stiff	Rock Cored (feet):
And	35-50%	30-50	Dense	8-15	Stiff	# of samples:
		50+	Very Dense	15-30	Very Stiff	Well set (feet):
				30+	Hard	

BORING LOG

BORING NUMBER: SB06-358

New Hampshire Boring

3 Liberty Drive
Londonderry NH 03053
Phone 603-437-1610

PROJECT: South Weymouth Naval Air Base

LOCATION: RIA 33 - AIMD Building

CONTRACTOR: New Hampshire Boring

JOB NUMBER: 604291

CLIENT: EFANE

DRILLER: David Thompson

FIELD REP: Colleen Dill

	SAMPLER	CASING	CORE BARREL
TYPE		Geoprobe	---
SIZE (ID)		2.125"	---
HAMMER WEIGHT			---
HAMMER FALL		---	---

DEPTH TO GROUNDWATER/PRODUCT			
DATE	#		
PRODUCT DEPTH			
GROUNDWATER DEPTH			
CASING/MW			

SAMPLE DEPTH (feet)	No	DEPTH	PEN/REC	BLOWS/6"	DESCRIPTION OF MATERIALS	PID ppm
		0-5	60" / 42"	NA	0 to 0.3 ft - Organic material	
					0.3 to 3 ft - Tan f to m SAND, little f gravel, tr silt	
1						
2						
3						
					3 to 3.4 ft - White/grey foliated rock	
					3.4 to 3.5 ft - Tan silty SAND, some m to c gravel	
4						
					Note: No evidence of coal observed	
4						
6						

DRILLING RIG TYPE: Truck Geoprobe

MONITORING WELL INSTALLED: No

RISER FROM: TO: SCREEN FROM: TO:

SURFACE ELEVATION:

START DATE: 7/24/03

END DATE: 7/24/03

PROPORTIONS USED		COHESIONLESS DENSITY		COHESIVE DENSITY		SUMMARY
Trace	0-10%	0-4	Very Loose	0-2	Very Soft	
Little	10-20%	4-10	Loose	2-4	Soft	Overburden (feet):
Some	20-35%	10-30	Medium Dense	4-8	Medium Stiff	Rock Cored (feet):
And	35-50%	30-50	Dense	8-15	Stiff	# of samples:
		50+	Very Dense	15-30	Very Stiff	Well set (feet):
				30+	Hard	

BORING LOG

BORING NUMBER: SB06-359

New Hampshire Boring

3 Liberty Drive
Londonderry NH 03053
Phone 603-437-1610

PROJECT: South Weymouth Naval Air Base

LOCATION: RIA 33 - AIMD Building

CONTRACTOR: New Hampshire Boring

JOB NUMBER: 604291

CLIENT: EFANE

DRILLER: David Thompson

FIELD REP: Colleen Dill

	SAMPLER	CASING	CORE BARREL
TYPE		Geoprobe	---
SIZE (ID)		2.125"	---
HAMMER WEIGHT			---
HAMMER FALL		---	---

DEPTH TO GROUNDWATER/PRODUCT			
DATE	#		
PRODUCT DEPTH			
GROUNDWATER DEPTH			
CASING/MW			

SAMPLE DEPTH (feet)	No	DEPTH	PEN/REC	BLOWS/6"	DESCRIPTION OF MATERIALS	PID ppm
		0-5	60" / 42"	NA	0 to 0.4 ft - Organic material , Dk brown/black band of silty SAND (0.5") at 0.4 ft, possibly coal	
					0.4 to 2.8 ft - Grey silty SAND with little f to m GRAVEL, dense	
1						
2					2.8 to 3.5 ft - Dk Brown/brown f to m SAND, little f to m gravel, sl moist	
3						
4						
4					**Note: Suspected evidence of coal at 0.4 feet below grade surface**	
6						

DRILLING RIG TYPE: Truck Geoprobe

MONITORING WELL INSTALLED: No

RISER FROM: TO: SCREEN FROM: TO:

SURFACE ELEVATION:

START DATE: 7/24/03

END DATE: 7/24/03

PROPORTIONS USED		COHESIONLESS DENSITY		COHESIVE DENSITY		SUMMARY
Trace	0-10%	0-4	Very Loose	0-2	Very Soft	
Little	10-20%	4-10	Loose	2-4	Soft	Overburden (feet):
Some	20-35%	10-30	Medium Dense	4-8	Medium Stiff	Rock Cored (feet):
And	35-50%	30-50	Dense	8-15	Stiff	# of samples:
		50+	Very Dense	15-30	Very Stiff	Well set (feet):
				30+	Hard	

BORING LOG

BORING NUMBER: SB06-360

New Hampshire Boring

3 Liberty Drive
Londonderry NH 03053
Phone 603-437-1610

PROJECT: South Weymouth Naval Air Base

LOCATION: RIA 33 - AIMD Building

CONTRACTOR: New Hampshire Boring

JOB NUMBER: 604291

CLIENT: EFANE

DRILLER: David Thompson

FIELD REP: Colleen Dill

	SAMPLER	CASING	CORE BARREL
TYPE		Geoprobe	---
SIZE (ID)		2.125"	---
HAMMER WEIGHT			---
HAMMER FALL		---	---

DEPTH TO GROUNDWATER/PRODUCT			
DATE	#		
PRODUCT DEPTH			
GROUNDWATER DEPTH			
CASING/MW			

SAMPLE DEPTH (feet)	No	DEPTH	PEN/REC	BLOWS/6"	DESCRIPTION OF MATERIALS	PID ppm
		0-5	60" / 48"	NA	0 to 0.1 ft - Organic material	
					0.1 to 2.8 ft - Tan/orange m to c SAND, little f to c gravel	
1						
2						
3					2.8 to 3 ft - Dk Brown silty SAND with tr coal	
					3 to 4 ft - Grey/tan f SAND with orange bands	
4						
					Note: Coal traces observed 2.8 - 3 feet below grade surface	
4						
6						

DRILLING RIG TYPE: Truck Geoprobe

MONITORING WELL INSTALLED: No

RISER FROM: TO: SCREEN FROM: TO:

SURFACE ELEVATION:

START DATE: 7/24/03

END DATE: 7/24/03

PROPORTIONS USED		COHESIONLESS DENSITY		COHESIVE DENSITY		SUMMARY
Trace	0-10%	0-4	Very Loose	0-2	Very Soft	
Little	10-20%	4-10	Loose	2-4	Soft	Overburden (feet):
Some	20-35%	10-30	Medium Dense	4-8	Medium Stiff	Rock Cored (feet):
And	35-50%	30-50	Dense	8-15	Stiff	# of samples:
		50+	Very Dense	15-30	Very Stiff	Well set (feet):
				30+	Hard	

BORING LOG

BORING NUMBER: SB06-361

New Hampshire Boring

3 Liberty Drive
Londonderry NH 03053
Phone 603-437-1610

PROJECT: South Weymouth Naval Air Base

LOCATION: RIA 33 - AIMD Building

CONTRACTOR: New Hampshire Boring

JOB NUMBER: 604291

CLIENT: EFANE

DRILLER: David Thompson

FIELD REP: Colleen Dill

	SAMPLER	CASING	CORE BARREL
TYPE		Geoprobe	---
SIZE (ID)		2.125"	---
HAMMER WEIGHT			---
HAMMER FALL		---	---

DEPTH TO GROUNDWATER/PRODUCT			
DATE	#		
PRODUCT DEPTH			
GROUNDWATER DEPTH			
CASING/MW			

SAMPLE DEPTH (feet)	No	DEPTH	PEN/REC	BLOWS/6"	DESCRIPTION OF MATERIALS	PID ppm
		0-5	60" / 36"	NA	0 to 0.2 ft - Organic material	
					0.2 to 1 ft - Brown/orange f to m SAND and f to c GRAVEL	
1						
					1 to 1.5 ft - Grey/white c GRAVEL, dense	
					1.5 to 2.8 ft - Orange/brown c SAND to f GRAVEL, little m to c gravel	
2						
					2.8 to 2.9 ft - Tan silty SAND with tr coal	
3					2.9 to 3 ft - Tan silty SAND	
4						
					Note: Coal traces observed 2.8 - 2.9 feet below grade surface	
4						
6						

DRILLING RIG TYPE: Truck Geoprobe

MONITORING WELL INSTALLED: No

RISER FROM: TO: SCREEN FROM: TO:

SURFACE ELEVATION:

START DATE: 7/24/03

END DATE: 7/24/03

PROPORTIONS USED		COHESIONLESS DENSITY		COHESIVE DENSITY		SUMMARY
Trace	0-10%	0-4	Very Loose	0-2	Very Soft	
Little	10-20%	4-10	Loose	2-4	Soft	Overburden (feet):
Some	20-35%	10-30	Medium Dense	4-8	Medium Stiff	Rock Cored (feet):
And	35-50%	30-50	Dense	8-15	Stiff	# of samples:
		50+	Very Dense	15-30	Very Stiff	Well set (feet):
				30+	Hard	

BORING LOG

BORING NUMBER: SB06-362

New Hampshire Boring

3 Liberty Drive
Londonderry NH 03053
Phone 603-437-1610

PROJECT: South Weymouth Naval Air Base

LOCATION: RIA 33 - AIMD Building

CONTRACTOR: New Hampshire Boring

JOB NUMBER: 604291

CLIENT: EFANE

DRILLER: David Thompson

FIELD REP: Colleen Dill

	SAMPLER	CASING	CORE BARREL
TYPE		Geoprobe	---
SIZE (ID)		2.125"	---
HAMMER WEIGHT			---
HAMMER FALL		---	---

DEPTH TO GROUNDWATER/PRODUCT			
DATE	#		
PRODUCT DEPTH			
GROUNDWATER DEPTH			
CASING/MW			

SAMPLE DEPTH (feet)	No	DEPTH	PEN/REC	BLOWS/6"	DESCRIPTION OF MATERIALS	PID ppm
		0-5	60" / 36"	NA	0 to 0.3 ft - Organic material	
					0.3 to 0.8 ft - Organic material and m SAND, and f to m GRAVEL	
					0.8 to 1.5 ft - Tan f SAND, little silt, random c gravel	
1						
					1.5 to 3 ft - Orange/brown c SAND, little m to c gravel, sl moist	
2						
3						
4						
4					**Note: No evidence of coal observed**	
6						

DRILLING RIG TYPE: Truck Geoprobe

MONITORING WELL INSTALLED: No

RISER FROM: TO: SCREEN FROM: TO:

SURFACE ELEVATION:

START DATE: 7/24/03

END DATE: 7/24/03

PROPORTIONS USED		COHESIONLESS DENSITY		COHESIVE DENSITY		SUMMARY
Trace	0-10%	0-4	Very Loose	0-2	Very Soft	
Little	10-20%	4-10	Loose	2-4	Soft	Overburden (feet):
Some	20-35%	10-30	Medium Dense	4-8	Medium Stiff	Rock Cored (feet):
And	35-50%	30-50	Dense	8-15	Stiff	# of samples:
		50+	Very Dense	15-30	Very Stiff	Well set (feet):
				30+	Hard	

BORING LOG

BORING NUMBER: SB06-363

New Hampshire Boring

3 Liberty Drive
Londonderry NH 03053
Phone 603-437-1610

PROJECT: South Weymouth Naval Air Base

LOCATION: RIA 33 - AIMD Building

CONTRACTOR: New Hampshire Boring

JOB NUMBER: 604291

CLIENT: EFANE

DRILLER: David Thompson

FIELD REP: Colleen Dill

	SAMPLER	CASING	CORE BARREL
TYPE		Geoprobe	---
SIZE (ID)		2.125"	---
HAMMER WEIGHT			---
HAMMER FALL		---	---

DEPTH TO GROUNDWATER/PRODUCT			
DATE	#		
PRODUCT DEPTH			
GROUNDWATER DEPTH			
CASING/MW			

SAMPLE DEPTH (feet)	No	DEPTH	PEN/REC	BLOWS/6"	DESCRIPTION OF MATERIALS	PID ppm
		0-5	60" / 48"	NA	0 to 0.3 ft - Asphalt pavement	
					0.3 to 1.9 ft - Orange/brown m to c SAND, little m to c gravel, dry	
1						
2					1.9 to 2.1 ft - Brown silty SAND, little m gravel, tr coal	
					2.1 to 4 ft - Tan/brown f to c SAND with little f to m gravel, random c gravel	
3						
4						
					Note: Coal traces observed 1.9 - 2.1 feet below grade surface	
4						
6						

DRILLING RIG TYPE: Truck Geoprobe

MONITORING WELL INSTALLED: No

RISER FROM: TO: SCREEN FROM: TO:

SURFACE ELEVATION:

START DATE: 7/24/03

END DATE: 7/24/03

PROPORTIONS USED		COHESIONLESS DENSITY		COHESIVE DENSITY		SUMMARY
Trace	0-10%	0-4	Very Loose	0-2	Very Soft	
Little	10-20%	4-10	Loose	2-4	Soft	Overburden (feet):
Some	20-35%	10-30	Medium Dense	4-8	Medium Stiff	Rock Cored (feet):
And	35-50%	30-50	Dense	8-15	Stiff	# of samples:
		50+	Very Dense	15-30	Very Stiff	Well set (feet):
				30+	Hard	

BORING LOG

BORING NUMBER:
SB06- 364

New Hampshire Boring

3 Liberty Drive
Londonderry NH 03053
Phone 603-437-1610

PROJECT: South Weymouth Naval Air Base

LOCATION: RIA 33 - AIMD Building

CONTRACTOR: New Hampshire Boring

JOB NUMBER: 604291

CLIENT: EFANE

DRILLER: David Thompson

FIELD REP: Colleen Dill

	SAMPLER	CASING	CORE BARREL
TYPE		Geoprobe	---
SIZE (ID)		2.125"	---
HAMMER WEIGHT			---
HAMMER FALL		---	---

DEPTH TO GROUNDWATER/PRODUCT			
DATE	#		
PRODUCT DEPTH			
GROUNDWATER DEPTH			
CASING/MW			

SAMPLE DEPTH (feet)	No	DEPTH	PEN/REC	BLOWS/6"	DESCRIPTION OF MATERIALS	PID ppm
		0-5	60" / 42"	NA	0 to 0.3 ft - Asphalt pavement	
					0.3 to 0.4 ft - Orange/brown c SAND to f GRAVEL, little m gravel	
					0.4 to 1.2 ft - Brown/dk brown f to m SAND, little m to c gravel, coal veins and coal fragments present	
1						
					1.2 to 2 ft - Brown m SAND, little m to c gravel	
2						
					2 to 2.5 ft - Dk brown silty SAND and roots with traces of coal and coal fragments	
					2.5 to 3.5 ft - Grey/tan f SAND and SILT, little f to m gravel	
3						
4						
					Note: Coal veins and frangments observed between 0.4 - 1.2 ft and 2 - 2.5 ft	
4						
6						

DRILLING RIG TYPE: Truck Geoprobe

MONITORING WELL INSTALLED: No

RISER FROM: TO: SCREEN FROM: TO:

SURFACE ELEVATION:

START DATE: 7/24/03

END DATE: 7/24/03

PROPORTIONS USED		COHESIONLESS DENSITY		COHESIVE DENSITY		SUMMARY
Trace	0-10%	0-4	Very Loose	0-2	Very Soft	
Little	10-20%	4-10	Loose	2-4	Soft	Overburden (feet):
Some	20-35%	10-30	Medium Dense	4-8	Medium Stiff	Rock Cored (feet):
And	35-50%	30-50	Dense	8-15	Stiff	# of samples:
		50+	Very Dense	15-30	Very Stiff	Well set (feet):
				30+	Hard	

BORING LOG

BORING NUMBER:
SB06- 365

New Hampshire Boring

3 Liberty Drive
Londonderry NH 03053
Phone 603-437-1610

PROJECT: South Weymouth Naval Air Base

LOCATION: RIA 33 - AIMD Building

CONTRACTOR: New Hampshire Boring

JOB NUMBER: 604291

CLIENT: EFANE

DRILLER: David Thompson

FIELD REP: Colleen Dill

	SAMPLER	CASING	CORE BARREL
TYPE		Geoprobe	---
SIZE (ID)		2.125"	---
HAMMER WEIGHT			---
HAMMER FALL		---	---

DEPTH TO GROUNDWATER/PRODUCT			
DATE	#		
PRODUCT DEPTH			
GROUNDWATER DEPTH			
CASING/MW			

SAMPLE DEPTH (feet)	No	DEPTH	PEN/REC	BLOWS/6"	DESCRIPTION OF MATERIALS	PID ppm
		0-5	60" / 36"	NA	0 to 0.3 ft - Asphalt pavement	
					0.3 to 1 ft - Orange/brown c SAND, little f gravel	
1						
					1 to 3 ft - Grey f to m SAND, little f to m gravel, moist	
2						
3						
4						
4					**Note: No evidence of coal observed**	
6						

DRILLING RIG TYPE: Truck Geoprobe

MONITORING WELL INSTALLED: No

RISER FROM: TO: SCREEN FROM: TO:

SURFACE ELEVATION:

START DATE: 7/24/03

END DATE: 7/24/03

PROPORTIONS USED		COHESIONLESS DENSITY		COHESIVE DENSITY		SUMMARY
Trace	0-10%	0-4	Very Loose	0-2	Very Soft	
Little	10-20%	4-10	Loose	2-4	Soft	Overburden (feet):
Some	20-35%	10-30	Medium Dense	4-8	Medium Stiff	Rock Cored (feet):
And	35-50%	30-50	Dense	8-15	Stiff	# of samples:
		50+	Very Dense	15-30	Very Stiff	Well set (feet):
				30+	Hard	

BORING LOG

BORING NUMBER:
SB06- 366

New Hampshire Boring

3 Liberty Drive
Londonderry NH 03053
Phone 603-437-1610

PROJECT: South Weymouth Naval Air Base

LOCATION: RIA 33 - AIMD Building

CONTRACTOR: New Hampshire Boring

JOB NUMBER: 604291

CLIENT: EFANE

DRILLER: David Thompson

FIELD REP: Colleen Dill

	SAMPLER	CASING	CORE BARREL
TYPE		Geoprobe	---
SIZE (ID)		2.125"	---
HAMMER WEIGHT			---
HAMMER FALL		---	---

DEPTH TO GROUNDWATER/PRODUCT			
DATE	#		
PRODUCT DEPTH			
GROUNDWATER DEPTH			
CASING/MW			

SAMPLE DEPTH (feet)	No	DEPTH	PEN/REC	BLOWS/6"	DESCRIPTION OF MATERIALS	PID ppm
		0-5	60" / 48"	NA	0 to 0.2 ft - Asphalt pavement	
					0.2 to 0.3 ft - Dk brown, m to c SAND, some gravel	
					0.3 to 2 ft - Brown/grey m SAND	
1						
2						
					2 to 4 ft - Brown/grey f to m SAND, some m to c gravel, tr coal between 3 & 3.5 ft	
3						
4						
					Note: Coal traces between 3 - 3.5 feet below grade surface	
4						
6						

DRILLING RIG TYPE: Truck Geoprobe

MONITORING WELL INSTALLED: No

RISER FROM: TO: SCREEN FROM: TO:

SURFACE ELEVATION:

START DATE: 7/24/03

END DATE: 7/24/03

PROPORTIONS USED		COHESIONLESS DENSITY		COHESIVE DENSITY		SUMMARY
Trace	0-10%	0-4	Very Loose	0-2	Very Soft	
Little	10-20%	4-10	Loose	2-4	Soft	Overburden (feet):
Some	20-35%	10-30	Medium Dense	4-8	Medium Stiff	Rock Cored (feet):
And	35-50%	30-50	Dense	8-15	Stiff	# of samples:
		50+	Very Dense	15-30	Very Stiff	Well set (feet):
				30+	Hard	

BORING LOG

BORING NUMBER:
SB06- 367

New Hampshire Boring

3 Liberty Drive
Londonderry NH 03053
Phone 603-437-1610

PROJECT: South Weymouth Naval Air Base

LOCATION: RIA 33 - AIMD Building

CONTRACTOR: New Hampshire Boring

JOB NUMBER: 604291

CLIENT: EFANE

DRILLER: David Thompson

FIELD REP: Colleen Dill

	SAMPLER	CASING	CORE BARREL
TYPE		Geoprobe	---
SIZE (ID)		2.125"	---
HAMMER WEIGHT			---
HAMMER FALL		---	---

DEPTH TO GROUNDWATER/PRODUCT			
DATE	#		
PRODUCT DEPTH			
GROUNDWATER DEPTH			
CASING/MW			

SAMPLE DEPTH (feet)	No	DEPTH	PEN/REC	BLOWS/6"	DESCRIPTION OF MATERIALS	PID ppm
		0-5	60" / 42"	NA	0 to 0.3 ft - Asphalt pavement	
					0.3 to 0.4 ft - Orange/brown c SAND	
					0.4 to 0.6 ft - Brown silty SAND and GRAVEL	
					0.6 to 2 ft - Grey/tan f to m SAND, little f to m gravel, tr silt,	
1					iron staining	
2						
					2 to 2.2 ft - Dk brown f SAND and SILT orange/tan silty clay bands,	
					tr coal fragments	
					2.2 to 3.5 ft - Tan/brown f to c SAND, well graded, little f gravel	
3						
4						
					Note: Coal trace fragments observed between 2 - 2.2 feet	
					below grade surface	
4						
6						

DRILLING RIG TYPE: Truck Geoprobe

MONITORING WELL INSTALLED: No

RISER FROM: TO: SCREEN FROM: TO:

SURFACE ELEVATION:

START DATE: 7/24/03

END DATE: 7/24/03

PROPORTIONS USED		COHESIONLESS DENSITY		COHESIVE DENSITY		SUMMARY
Trace	0-10%	0-4	Very Loose	0-2	Very Soft	
Little	10-20%	4-10	Loose	2-4	Soft	Overburden (feet):
Some	20-35%	10-30	Medium Dense	4-8	Medium Stiff	Rock Cored (feet):
And	35-50%	30-50	Dense	8-15	Stiff	# of samples:
		50+	Very Dense	15-30	Very Stiff	Well set (feet):
				30+	Hard	

BORING LOG

BORING NUMBER:
SB06- 368

New Hampshire Boring

3 Liberty Drive
Londonderry NH 03053
Phone 603-437-1610

PROJECT: South Weymouth Naval Air Base

LOCATION: RIA 33 - AIMD Building

CONTRACTOR: New Hampshire Boring

JOB NUMBER: 604291

CLIENT: EFANE

DRILLER: David Thompson

FIELD REP: Colleen Dill

	SAMPLER	CASING	CORE BARREL	DEPTH TO GROUNDWATER/PRODUCT			
TYPE		Geoprobe	---	DATE	#		
SIZE (ID)		2.125"	---	PRODUCT DEPTH			
HAMMER WEIGHT			---	GROUNDWATER DEPTH			
HAMMER FALL		---	---	CASING/MW			

SAMPLE DEPTH (feet)	No	DEPTH	PEN/REC	BLOWS/6"	DESCRIPTION OF MATERIALS	PID ppm
		0-5	60" / 24"	NA	0 to 0.7 ft - Asphalt pavement with rock fill and coal	
					0.7 to 0.8 ft - Orange/brown c SAND	
					0.8 to 1.1 ft - Black/brown sand-sized coal with gravel and gravel-sized coal	
1						
					1.1 to 1.5 ft - Orange/brown c SAND	
					1.5 to 2 ft - Brown f SAND little f to m gravel, little silt, c gravel at top and bottom	
2						
3						
4						
4					**Note: Coal observed between 0 - 0.7 ft and 0.8 - 1.1 ft below grade surface**	
6						

DRILLING RIG TYPE: Truck Geoprobe

MONITORING WELL INSTALLED: No

RISER FROM: TO: SCREEN FROM: TO:

SURFACE ELEVATION:

START DATE: 7/24/03

END DATE: 7/24/03

PROPORTIONS USED		COHESIONLESS DENSITY		COHESIVE DENSITY		SUMMARY
Trace	0-10%	0-4	Very Loose	0-2	Very Soft	
Little	10-20%	4-10	Loose	2-4	Soft	Overburden (feet):
Some	20-35%	10-30	Medium Dense	4-8	Medium Stiff	Rock Cored (feet):
And	35-50%	30-50	Dense	8-15	Stiff	# of samples:
		50+	Very Dense	15-30	Very Stiff	Well set (feet):
				30+	Hard	

BORING LOG

BORING NUMBER:
SB06- 369

New Hampshire Boring

3 Liberty Drive
Londonderry NH 03053
Phone 603-437-1610

PROJECT: South Weymouth Naval Air Base

LOCATION: RIA 33 - AIMD Building

CONTRACTOR: New Hampshire Boring

JOB NUMBER: 604291

CLIENT: EFANE

DRILLER: David Thompson

FIELD REP: Colleen Dill

	SAMPLER	CASING	CORE BARREL
TYPE		Geoprobe	---
SIZE (ID)		2.125"	---
HAMMER WEIGHT			---
HAMMER FALL		---	---

DEPTH TO GROUNDWATER/PRODUCT			
DATE	#		
PRODUCT DEPTH			
GROUNDWATER DEPTH			
CASING/MW			

SAMPLE DEPTH (feet)	No	DEPTH	PEN/REC	BLOWS/6"	DESCRIPTION OF MATERIALS	PID ppm
		0-5	60" / 48"	NA	0 to 0.3 ft - Asphalt pavement, rock fill, and tr coal fragments 0.3 to 1 ft - Orange/brown c SAND, tr f gravel	
1						
					1 to 3 ft - Brown f SAND, little f to m gravel, organic material towards 3 ft	
2						
3						
					3 to 3.4 ft - Dk brown silty SAND, coal bands 3.4 to 4 ft - Grey brown f SAND, roots, tr f gravel	
4						
					Note: Trace coal fragments observed 0 - 0.3 feet bgs **Coal bands observed 3 - 3.4 feet bgs**	
4						
6						

DRILLING RIG TYPE: Truck Geoprobe

MONITORING WELL INSTALLED: No

RISER FROM: TO: SCREEN FROM: TO:

SURFACE ELEVATION:

START DATE: 7/24/03

END DATE: 7/24/03

PROPORTIONS USED		COHESIONLESS DENSITY		COHESIVE DENSITY		SUMMARY
Trace	0-10%	0-4	Very Loose	0-2	Very Soft	
Little	10-20%	4-10	Loose	2-4	Soft	Overburden (feet):
Some	20-35%	10-30	Medium Dense	4-8	Medium Stiff	Rock Cored (feet):
And	35-50%	30-50	Dense	8-15	Stiff	# of samples:
		50+	Very Dense	15-30	Very Stiff	Well set (feet):
				30+	Hard	

BORING LOG

BORING NUMBER:
SB06- 370

New Hampshire Boring

3 Liberty Drive
Londonderry NH 03053
Phone 603-437-1610

PROJECT: South Weymouth Naval Air Base

LOCATION: RIA 33 - AIMD Building

CONTRACTOR: New Hampshire Boring

JOB NUMBER: 604291

CLIENT: EFANE

DRILLER: David Thompson

FIELD REP: Colleen Dill

	SAMPLER	CASING	CORE BARREL
TYPE		Geoprobe	---
SIZE (ID)		2.125"	---
HAMMER WEIGHT			---
HAMMER FALL		---	---

DEPTH TO GROUNDWATER/PRODUCT			
DATE	#		
PRODUCT DEPTH			
GROUNDWATER DEPTH			
CASING/MW			

SAMPLE DEPTH (feet)	No	DEPTH	PEN/REC	BLOWS/6"	DESCRIPTION OF MATERIALS	PID ppm
		0-5	60" / 42"	NA	0 to 0.2 ft - Asphalt pavement	
					0.2 to 0.3 ft - Orange/brown c SAND, little m gravel	
					0.3 to 3.5 ft - Tan/brown f to m SAND	
1						
2						
3						
4						
4					**Note: No evidence of coal observed**	
6						

DRILLING RIG TYPE: Truck Geoprobe

MONITORING WELL INSTALLED: No

RISER FROM: TO: SCREEN FROM: TO:

SURFACE ELEVATION:

START DATE: 7/24/03

END DATE: 7/24/03

PROPORTIONS USED		COHESIONLESS DENSITY		COHESIVE DENSITY		SUMMARY
Trace	0-10%	0-4	Very Loose	0-2	Very Soft	
Little	10-20%	4-10	Loose	2-4	Soft	Overburden (feet):
Some	20-35%	10-30	Medium Dense	4-8	Medium Stiff	Rock Cored (feet):
And	35-50%	30-50	Dense	8-15	Stiff	# of samples:
		50+	Very Dense	15-30	Very Stiff	Well set (feet):
				30+	Hard	

BORING LOG

BORING NUMBER:
SB06- 371

New Hampshire Boring

3 Liberty Drive
Londonderry NH 03053
Phone 603-437-1610

PROJECT: South Weymouth Naval Air Base

LOCATION: RIA 33 - AIMD Building

CONTRACTOR: New Hampshire Boring

JOB NUMBER: 604291

CLIENT: EFANE

DRILLER: David Thompson

FIELD REP: Colleen Dill

	SAMPLER	CASING	CORE BARREL
TYPE		Geoprobe	---
SIZE (ID)		2.125"	---
HAMMER WEIGHT			---
HAMMER FALL		---	---

DEPTH TO GROUNDWATER/PRODUCT			
DATE	#		
PRODUCT DEPTH			
GROUNDWATER DEPTH			
CASING/MW			

SAMPLE DEPTH (feet)	No	DEPTH	PEN/REC	BLOWS/6"	DESCRIPTION OF MATERIALS	PID ppm
		0-5	60" / 36"	NA	0 to 0.1 ft - Asphalt pavement 0.1 to 1.5 ft - Orange/brown f to c SAND, well graded, little f to m gravel	
1						
2					1.5 to 3 ft - Brown/orange f to c SAND, f to m gavel, random c gravel, coal band at 1.5 ft, tr coal thoughout layer	
3						
4						
4					**Note: Coal band observed at 1.5 ft bgs, traces of coal observed 1.5 ft through 3 ft**	
6						

DRILLING RIG TYPE: Truck Geoprobe

MONITORING WELL INSTALLED: No

RISER FROM: TO: SCREEN FROM: TO:

SURFACE ELEVATION:

START DATE: 7/24/03

END DATE: 7/24/03

PROPORTIONS USED		COHESIONLESS DENSITY		COHESIVE DENSITY		SUMMARY
Trace	0-10%	0-4	Very Loose	0-2	Very Soft	
Little	10-20%	4-10	Loose	2-4	Soft	Overburden (feet):
Some	20-35%	10-30	Medium Dense	4-8	Medium Stiff	Rock Cored (feet):
And	35-50%	30-50	Dense	8-15	Stiff	# of samples:
		50+	Very Dense	15-30	Very Stiff	Well set (feet):
				30+	Hard	

BORING LOG

BORING NUMBER:
SB06- 375

New Hampshire Boring

3 Liberty Drive
Londonderry NH 03053
Phone 603-437-1610

PROJECT: South Weymouth Naval Air Base

LOCATION: RIA 33 - AIMD Building

CONTRACTOR: New Hampshire Boring

JOB NUMBER: 604291

CLIENT: EFANE

DRILLER: David Thompson

FIELD REP: Colleen Dill

	SAMPLER	CASING	CORE BARREL
TYPE		Geoprobe	---
SIZE (ID)		2.125"	---
HAMMER WEIGHT			---
HAMMER FALL		---	---

DEPTH TO GROUNDWATER/PRODUCT			
DATE	#		
PRODUCT DEPTH			
GROUNDWATER DEPTH			
CASING/MW			

SAMPLE DEPTH (feet)	No	DEPTH	PEN/REC	BLOWS/6"	DESCRIPTION OF MATERIALS	PID ppm
		0-5	60" / 34"	NA	0 to 0.2 ft - Organic material	
					0.2 to 2 ft - Brown f to m SAND, little f to g gravel	
1						
2						
					2 to 2.8 ft - Orange/tan c SAND, tr f gravel	
3						
4						
4					**Note: No evidence of coal observed**	
6						

DRILLING RIG TYPE: Truck Geoprobe

MONITORING WELL INSTALLED: No

RISER FROM: TO: SCREEN FROM: TO:

SURFACE ELEVATION:

START DATE: 7/24/03

END DATE: 7/24/03

PROPORTIONS USED		COHESIONLESS DENSITY		COHESIVE DENSITY		SUMMARY
Trace	0-10%	0-4	Very Loose	0-2	Very Soft	
Little	10-20%	4-10	Loose	2-4	Soft	Overburden (feet):
Some	20-35%	10-30	Medium Dense	4-8	Medium Stiff	Rock Cored (feet):
And	35-50%	30-50	Dense	8-15	Stiff	# of samples:
		50+	Very Dense	15-30	Very Stiff	Well set (feet):
				30+	Hard	

BORING LOG

BORING NUMBER:
SB06- 376

New Hampshire Boring

3 Liberty Drive
Londonderry NH 03053
Phone 603-437-1610

PROJECT: South Weymouth Naval Air Base

LOCATION: RIA 33 - AIMD Building

CONTRACTOR: New Hampshire Boring

JOB NUMBER: 604291

CLIENT: EFANE

DRILLER: David Thompson

FIELD REP: Colleen Dill

	SAMPLER	CASING	CORE BARREL
TYPE		Geoprobe	---
SIZE (ID)		2.125"	---
HAMMER WEIGHT			---
HAMMER FALL		---	---

DEPTH TO GROUNDWATER/PRODUCT			
DATE	#		
PRODUCT DEPTH			
GROUNDWATER DEPTH			
CASING/MW			

SAMPLE DEPTH (feet)	No	DEPTH	PEN/REC	BLOWS/6"	DESCRIPTION OF MATERIALS	PID ppm
		0-5	60" / 48"	NA	0 to 0.2 ft - Organic material 0.2 to 1 ft - Lt brown/tan f to m SAND, little m to c gravel, tr silt	
1						
					1 to 1.2 ft - Dk brown m SAND with tr coal 1.2 to 4 ft - Tan/brown f to c SAND, some f to c gravel	
2						
3						
4						
4					**Note: Traces of coal observed 1 - 1.2 ft bgs**	
6						

DRILLING RIG TYPE: Truck Geoprobe

MONITORING WELL INSTALLED: No

RISER FROM: TO: SCREEN FROM: TO:

SURFACE ELEVATION:

START DATE: 7/24/03

END DATE: 7/24/03

PROPORTIONS USED		COHESIONLESS DENSITY		COHESIVE DENSITY		SUMMARY
Trace	0-10%	0-4	Very Loose	0-2	Very Soft	
Little	10-20%	4-10	Loose	2-4	Soft	Overburden (feet):
Some	20-35%	10-30	Medium Dense	4-8	Medium Stiff	Rock Cored (feet):
And	35-50%	30-50	Dense	8-15	Stiff	# of samples:
		50+	Very Dense	15-30	Very Stiff	Well set (feet):
				30+	Hard	

BORING LOG

BORING NUMBER:
SB06- 377

New Hampshire Boring

3 Liberty Drive
Londonderry NH 03053
Phone 603-437-1610

PROJECT: South Weymouth Naval Air Base

LOCATION: RIA 33 - AIMD Building

CONTRACTOR: New Hampshire Boring

JOB NUMBER: 604291

CLIENT: EFANE

DRILLER: David Thompson

FIELD REP: Colleen Dill

	SAMPLER	CASING	CORE BARREL
TYPE		Geoprobe	---
SIZE (ID)		2.125"	---
HAMMER WEIGHT			---
HAMMER FALL		---	---

DEPTH TO GROUNDWATER/PRODUCT			
DATE	#		
PRODUCT DEPTH			
GROUNDWATER DEPTH			
CASING/MW			

SAMPLE DEPTH (feet)	No	DEPTH	PEN/REC	BLOWS/6"	DESCRIPTION OF MATERIALS	PID ppm
		0-5	60" / 48"	NA	0 to 0.2 ft - Organic material 0.2 to 1.5 ft - Brown f to m SAND, orange band at 0.7 ft, little f to c gravel, flecks of coal present	
1						
					1.5 to 3 ft - Orange f to c SAND	
2						
3						
					3 to 4 ft - Grey/tan m to c SAND, little f to m gravel	
4						
					Note: Coal flecks observed 0.2 - 1.5 ft bgs	
4						
6						

DRILLING RIG TYPE: Truck Geoprobe

MONITORING WELL INSTALLED: No

RISER FROM: TO: SCREEN FROM: TO:

SURFACE ELEVATION:

START DATE: 7/24/03

END DATE: 7/24/03

PROPORTIONS USED		COHESIONLESS DENSITY		COHESIVE DENSITY		SUMMARY
Trace	0-10%	0-4	Very Loose	0-2	Very Soft	
Little	10-20%	4-10	Loose	2-4	Soft	Overburden (feet):
Some	20-35%	10-30	Medium Dense	4-8	Medium Stiff	Rock Cored (feet):
And	35-50%	30-50	Dense	8-15	Stiff	# of samples:
		50+	Very Dense	15-30	Very Stiff	Well set (feet):
				30+	Hard	

BORING LOG

BORING NUMBER:
SB06- 378

New Hampshire Boring

3 Liberty Drive
Londonderry NH 03053
Phone 603-437-1610

PROJECT: South Weymouth Naval Air Base

LOCATION: RIA 33 - AIMD Building

CONTRACTOR: New Hampshire Boring

JOB NUMBER: 604291

CLIENT: EFANE

DRILLER: David Thompson

FIELD REP: Colleen Dill

	SAMPLER	CASING	CORE BARREL
TYPE		Geoprobe	---
SIZE (ID)		2.125"	---
HAMMER WEIGHT			---
HAMMER FALL		---	---

DEPTH TO GROUNDWATER/PRODUCT			
DATE	#		
PRODUCT DEPTH			
GROUNDWATER DEPTH			
CASING/MW			

SAMPLE DEPTH (feet)	No	DEPTH	PEN/REC	BLOWS/6"	DESCRIPTION OF MATERIALS	PID ppm
		0-5	60" / 36"	NA	0 to 0.2 ft - Organic material	
					0.2 to 1 ft - Brown f to m SAND, little f to c gravel	
1						
					1 to 3 ft - Orange/tan f to c SAND, tr gravel	
2						
3						
4						
4					**Note: No evidence of coal observed**	
6						

DRILLING RIG TYPE: Truck Geoprobe

MONITORING WELL INSTALLED: No

RISER FROM: TO: SCREEN FROM: TO:

SURFACE ELEVATION:

START DATE: 7/24/03

END DATE: 7/24/03

PROPORTIONS USED		COHESIONLESS DENSITY		COHESIVE DENSITY		SUMMARY
Trace	0-10%	0-4	Very Loose	0-2	Very Soft	
Little	10-20%	4-10	Loose	2-4	Soft	Overburden (feet):
Some	20-35%	10-30	Medium Dense	4-8	Medium Stiff	Rock Cored (feet):
And	35-50%	30-50	Dense	8-15	Stiff	# of samples:
		50+	Very Dense	15-30	Very Stiff	Well set (feet):
				30+	Hard	

BORING LOG

BORING NUMBER:
SB06- 379

New Hampshire Boring

3 Liberty Drive
Londonderry NH 03053
Phone 603-437-1610

PROJECT: South Weymouth Naval Air Base

LOCATION: RIA 33 - AIMD Building

CONTRACTOR: New Hampshire Boring

JOB NUMBER: 604291

CLIENT: EFANE

DRILLER: David Thompson

FIELD REP: Colleen Dill

	SAMPLER	CASING	CORE BARREL
TYPE		Geoprobe	---
SIZE (ID)		2.125"	---
HAMMER WEIGHT			---
HAMMER FALL		---	---

DEPTH TO GROUNDWATER/PRODUCT			
DATE	#		
PRODUCT DEPTH			
GROUNDWATER DEPTH			
CASING/MW			

SAMPLE DEPTH (feet)	No	DEPTH	PEN/REC	BLOWS/6"	DESCRIPTION OF MATERIALS	PID ppm
		0-5	60" / 30"	NA	0 to 0.2 ft - Organic material and c gravel	
					0.2 to 0.5 ft - Tan f silty SAND, tr gravel	
					0.5 to 0.7 ft - Coal with f SAND	
					0.7 to 2.5 ft - Brown/tan f to c SAND and GRAVEL, silt in bottom 0.2 ft	
1						
2						
3						
4						
4					**Note: Coal observed 0.5 - 0.7 ft bgs**	
6						

DRILLING RIG TYPE: Truck Geoprobe

MONITORING WELL INSTALLED: No

RISER FROM: TO: SCREEN FROM: TO:

SURFACE ELEVATION:

START DATE: 7/24/03

END DATE: 7/24/03

PROPORTIONS USED		COHESIONLESS DENSITY		COHESIVE DENSITY		SUMMARY
Trace	0-10%	0-4	Very Loose	0-2	Very Soft	
Little	10-20%	4-10	Loose	2-4	Soft	Overburden (feet):
Some	20-35%	10-30	Medium Dense	4-8	Medium Stiff	Rock Cored (feet):
And	35-50%	30-50	Dense	8-15	Stiff	# of samples:
		50+	Very Dense	15-30	Very Stiff	Well set (feet):
				30+	Hard	

BORING LOG

BORING NUMBER:
SB06- 380

New Hampshire Boring

3 Liberty Drive
Londonderry NH 03053
Phone 603-437-1610

PROJECT: South Weymouth Naval Air Base

LOCATION: RIA 33 - AIMD Building

CONTRACTOR: New Hampshire Boring

JOB NUMBER: 604291

CLIENT: EFANE

DRILLER: David Thompson

FIELD REP: Colleen Dill

	SAMPLER	CASING	CORE BARREL
TYPE		Geoprobe	---
SIZE (ID)		2.125"	---
HAMMER WEIGHT			---
HAMMER FALL		---	---

DEPTH TO GROUNDWATER/PRODUCT			
DATE	#		
PRODUCT DEPTH			
GROUNDWATER DEPTH			
CASING/MW			

SAMPLE DEPTH (feet)	No	DEPTH	PEN/REC	BLOWS/6"	DESCRIPTION OF MATERIALS	PID ppm
		0-5	60" / 30"	NA	0 to 0.2 ft - Organic material 0.2 to 0.4 ft - Grey silty SAND 0.4 to 1 ft - Tan c SAND, tr f gravel with coal layer (0.3")	
1					1 to 2.5 ft - Tan/grey f to m SAND, some f to m gravel, tr silt	
2						
3						
4						
4					**Note: 0.3" coal layer observed between 0.4 to 1 ft bgs**	
6						

DRILLING RIG TYPE: Truck Geoprobe

MONITORING WELL INSTALLED: No

RISER FROM: TO: SCREEN FROM: TO:

SURFACE ELEVATION:

START DATE: 7/24/03

END DATE: 7/24/03

PROPORTIONS USED		COHESIONLESS DENSITY		COHESIVE DENSITY		SUMMARY
Trace	0-10%	0-4	Very Loose	0-2	Very Soft	
Little	10-20%	4-10	Loose	2-4	Soft	Overburden (feet):
Some	20-35%	10-30	Medium Dense	4-8	Medium Stiff	Rock Cored (feet):
And	35-50%	30-50	Dense	8-15	Stiff	# of samples:
		50+	Very Dense	15-30	Very Stiff	Well set (feet):
				30+	Hard	

BORING LOG

BORING NUMBER:
SB06- 381

New Hampshire Boring

3 Liberty Drive
Londonderry NH 03053
Phone 603-437-1610

PROJECT: South Weymouth Naval Air Base

LOCATION: RIA 33 - AIMD Building

CONTRACTOR: New Hampshire Boring

JOB NUMBER: 604291

CLIENT: EFANE

DRILLER: David Thompson

FIELD REP: Colleen Dill

	SAMPLER	CASING	CORE BARREL
TYPE		Geoprobe	---
SIZE (ID)		2.125"	---
HAMMER WEIGHT			---
HAMMER FALL		---	---

DEPTH TO GROUNDWATER/PRODUCT			
DATE	#		
PRODUCT DEPTH			
GROUNDWATER DEPTH			
CASING/MW			

SAMPLE DEPTH (feet)	No	DEPTH	PEN/REC	BLOWS/6"	DESCRIPTION OF MATERIALS	PID ppm
		0-5	60" / 42"	NA	0 to 0.1 ft - Organic material 0.1 to 3.5 ft - Tan/brown f to c SAND, little f to c gravel, coal band (1") at 3.1 ft	
1						
2						
3						
4						
4					**Note: 1" coal band observed at 3.1 feet bgs**	
6						

DRILLING RIG TYPE: Truck Geoprobe

MONITORING WELL INSTALLED: No

RISER FROM: TO: SCREEN FROM: TO:

SURFACE ELEVATION:

START DATE: 7/24/03

END DATE: 7/24/03

PROPORTIONS USED		COHESIONLESS DENSITY		COHESIVE DENSITY		SUMMARY
Trace	0-10%	0-4	Very Loose	0-2	Very Soft	
Little	10-20%	4-10	Loose	2-4	Soft	Overburden (feet):
Some	20-35%	10-30	Medium Dense	4-8	Medium Stiff	Rock Cored (feet):
And	35-50%	30-50	Dense	8-15	Stiff	# of samples:
		50+	Very Dense	15-30	Very Stiff	Well set (feet):
				30+	Hard	