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RCRA Corrective Action
Environmental Indicator (EI) RCRIS code (CA725)

Attachment No. 6

Summary of Surface Water and Sediment Analytical Data
and
Constituents Detected in Surface Water and Sediment
Environmental Indicator Determination
For
Pratt & Whitney Rocky Hill Facility

SURFACE WATER AND SEDIMENT SAMPLING IN SUPPORT OF VCAP RISK ASSESSMENT

Pratt & Whitney
Rocky Hill, Connecticut

September 1999

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1. SUMMARY

Surface water monitoring was performed at the Pratt & Whitney, Rocky Hill facility in Rocky Hill, Connecticut, in support of the Voluntary Corrective Action Program (VCAP) Risk Assessment. The surface water samples collected were analyzed for metals (antimony, arsenic, barium, beryllium, cadmium, chromium [total and hexavalent], cobalt, copper, lead, mercury, nickel, selenium, silver, thallium, tin, vanadium, and zinc), and volatile organic compounds (VOCs). The sediment samples collected were analyzed for metals (antimony, arsenic, barium, beryllium, cadmium, chromium [total and hexavalent], cobalt, copper, lead, mercury, nickel, selenium, silver, thallium, tin, vanadium, and zinc), total petroleum hydrocarbons (TPH), VOCs, semivolatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs) and total organic carbon (TOC).

2. FACILITY INFORMATION

The Rocky Hill facility is located at 60 Belamose Avenue, Rocky Hill, Connecticut. The facility is located between Belamose Avenue to the west and the Connecticut River to the east. The facility consists of a main factory building, a separate power house, and several auxiliary buildings on 51.5 acres of land.

The site includes two hazardous waste storage buildings located on the east side of the main building, a NPDES-permitted wastewater treatment system located on the south side of the main building, and general flammable materials storage areas. The facilities are located on the northern portion of the site. The southern portion of the site is the location of a former landfill and is not presently used.

3. METHODOLOGY

Surface water and sediment samples were collected by LEA personnel on May 11, 1999. Three surface water and sediment samples were collected at the Pratt & Whitney Rocky Hill facility.

Prior to all sampling, polyethylene sheeting was laid on the ground in the vicinity of the sample collection location. All sediment sampling devices were placed on the polyethylene sheeting. Sediment sampling locations were chosen to minimize physical agitation of sediments. Utilizing dedicated spatulas, sediment was transferred directly into prelabeled sampling containers. The rim of each sample container was wiped with a clean paper towel to remove excess solids and permit adequate sealing of the sample container.

Surface water samples were collected directly into the sampling jars, carefully orienting the jars in an upright position to prevent loss of preservative. Surface water samples to be analyzed for dissolved metals were collected by pumping in the field at low speeds using a peristaltic pump and filtering through dedicated polyethylene tubing and 0.45-micron in-line filter assembly.

The containers were sealed, placed in a cooler and shipped to Lancaster Laboratories under chain-of-custody procedures for analysis for metals (as listed above with the exception of chromium), TPH, VOCs, and SVOCs, TOC and PCBs. Surface water and sediment samples were also sent to Averill Laboratories to be tested for hexavalent and total chromium using the same procedures as for the samples sent to Lancaster.

In addition, one trip blank, one equipment blank, and one duplicate/replicate sample for the surface water and one for the sediment were collected. Also two performance evaluation samples of the surface water were submitted for analysis for quality assurance/quality control (QA/QC) purposes.

4. RESULTS

4.1 Surface Water Sampling

The analytical results for surface water sampling are summarized in the following paragraphs and are presented in tabular form in Tables 1 through 4. Table 1 presents a summary of sampling and analytical information; Table 2 presents a list of detected constituents; and Table 3 summarizes all analytical results obtained for the surface water sampling. Table 4 presents a list of exceedances over applicable VCAP screening levels. A list of qualifiers is attached at the end of the Table section in this report. All sampling locations are shown on the Site Plan provided as Attachment No. 2 of the *Documentation of Environmental Indicator Determination for Current Human Exposures Under Control.*

Low concentrations of metals were detected in some of the samples. The highest metal concentrations included arsenic at 0.0011 mg/l; barium at 0.0919 mg/l; lead at 0.0042 mg/l; thallium at 0.0028 mg/l; and zinc at 0.0096 mg/l. Hexavalent chromium remained undetected in all samples analyzed. No VOCs were detected in any of the surface water samples analyzed.

Comparison of the surface water against applicable VCAP screening levels identified one exceedance. Specifically, the surface water data were compared to the numeric criteria published in Table 3-6 of the *Conceptual Site Models and Screening Levels for Pratt & Whitney's VCAP Connecticut Facilities*, prepared by Gradient Corporation, issued on December 19, 1997 revised on September 18, 1998 and finalized on September 15, 1999. Table 3-6 is

titled, *Generic P&W Surface Water Screening Levels (SLs), P&W VCAP, Connecticut Facilities.* The single exceedance over surface water screening levels was for lead (0.0042 mg/l) at sample location RH-RSK-SD-03. The surface water screening level for lead is 0.003 mg/l. The exceedance is outlined in Table 4. It should be noted that the screening levels listed in the conceptual site model (CSM) were developed based on readily available published criteria. Modified generic Pratt & Whitney screening levels were subsequently developed by Gradient Corporation for the compounds listed above. More specifically, the treatment standard was used as the generic P&W surface water screening level for lead (0.015 mg/l). Comparison with these criteria did not indicate any exceedances in surface water. A letter from Lancaster Laboratories regarding the detection limits achieved has been provided to EPA in the *Pratt & Whitney Voluntary Corrective Action Plan Progress Report for Third Quarter 1999.* According to the letter, instrument sensitivity and purging characteristics limit the detection limits achieved for some of the compounds listed in Table 4.

A comparison of the results for replicates generally indicated reasonable agreement. The relative percent differences observed ranged up to 80%, with the greatest difference noted for zinc (0.0096 mg/l and 0.0041 mg/l). Such relative percent differences, however, are to be expected at the low concentration levels reported. It should be noted that thallium (0.0025 mg/l) was detected in only one of the duplicate samples collected from location RH-RSK-SD-02.

Trace levels of metals were detected in the equipment blank collected for surface water sampling. The concentrations included lead (0.0023 mg/l), thallium (0.0028 mg/l), and zinc (0.0030 mg/l). There were no detectable concentrations of VOCs reported in the trip blank sample collected.

4.2 Sediment Sampling

The analytical results for sediment sampling are summarized in the following paragraphs and are presented in tabular form in Tables 5 through 7. Table 5 presents a summary of sampling and analytical information; Table 6 presents a list of detected constituents; and Table 7 summarizes all analytical results obtained. All sampling locations are shown on Attachment No. 2 of the *Documentation of Environmental Indicator Determination for Current Human Exposures Under Control.*

The sediment samples also contained low concentrations of metals. The highest metal concentrations in the sediment samples were: arsenic at 1.4 mg/kg; barium at 39.5 mg/kg; beryllium at 0.250 mg/kg; cadmium at 0.640 mg/kg; cobalt at 4.7 mg/kg; total chromium at 7.33 mg/kg; copper at 23 mg/kg; lead at 141 mg/kg; mercury at 0.43 mg/kg; nickel at 9.8 mg/kg; tin at

4.3 Performance Evaluation Samples

Two performance evaluation samples were submitted for analysis. The first one (1839264) was submitted for analysis for SVOCs, metals, TOC, and TPH on May 11, 1999. The metals were within acceptance limits, with the exception of lead (0.0597 mg/l) which was slightly lower than the acceptance limits (0.0603 mg/l to 0.0867 mg/l). Lancaster conducted an investigation of the analytical results and indicated that the slight deviation observed for lead may be attributed to inaccuracies with the dilutions. The result was accepted as part of the data validation based on rounding to the one hundredth decimal place. The SVOCs were also within acceptance limits with the exception of fluorene. Lancaster indicated that the result reported for fluorene was biased high due to the curve fit chosen based on the requirements of the method. Fluorene was detected in one sample (1839263) besides the performance evaluation sample. This result was already estimated by the laboratory because the reported concentration was below the practical quantitation limit. As a result no additional qualification was necessary. False positives were also reported for 2,3,4,6-tetrachlorophenol, and 2,4,5-trichlorophenol. Lancaster indicated that the presence of 2,3,4,6-tetrachlorophenol may be attributed to the sample extraction. Further it indicated that 2,4,5-trichlorophenol was erroneously reported instead of 2,4,6-trichlorophenol. Neither of these compounds were detected in any of the associated samples, therefore the issue had no impact on data usability. Total petroleum hydrocarbons (29 mg/l) were also reported outside the acceptable limits (30.4 mg/l to 63.2 mg/l). Lancaster did not identify any problems with the TPH analysis. All TPH results were estimated and may be biased low.

The second performance evaluation sample (1839265) was submitted for analysis for PCBs and VOCs on May 11, 1999. The VOCs were reported within vendor-specified acceptance limits, with the exception of ethylbenzene. Lancaster's investigation did not detect any problems with the analysis of ethylbenzene. Ethylbenzene was not detected in any of the associated field samples. The non-detect results were accepted as reported. PCB-1016 was reported at 3.9 μg/l, which is within vendor-specified acceptance limits (2.13 to 5.42 μg/l).

Table 1
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION - SURFACE WATER SAMPLING
Pratt & Whitney, Rocky Hill, Connecticut

Sample Information					Analysis Information								
Location ID	Sample ID	Sample Date	From (ft) To (ft)	Class	Portable GC	Volatile Organics	Semivolatile Organics	Herbicides	Pesticides	PCBs	Metals	Extraction	Miscellaneous
RH-RSK-SD-01	1839247	05/11/1999		SW		x					X		
RH-RSK-SD-02	1839245	05/11/1999		SW		x					X		
RH-RSK-SD-02	1839246	05/11/1999		SW		x					X		
RH-RSK-SD-03	1839244	05/11/1999		SW		x					X		

Notes: 1. Legend: X - Analysed; at least one analyte over the detection limit; x - Analysed, no analytes in group over the detection limit
2. Printed on 10/06/1999

Table 2
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SURFACE WATER SAMPLING
Pratt & Whitney, Rocky Hill, Connecticut

	Location ID	RH-RSK-SD-01	RH-RSK-SD-02	RH-RSK-SD-02	RH-RSK-SD-03			
	Sample ID	1839247	1839245	1839246	1839244			
	Sample Date	05/11/1999	05/11/1999	05/11/1999	05/11/1999			
	Sample Time	13:00	12:00	12:00	10:35			
	Laboratory	LANC	LANC	LANC	LANC			
	Lab. Number	3150394	3150390	3150391	3150386			
Constituent	Units							
Date Metals Analyzed	-	05/18/1999	05/18/1999	05/18/1999	05/18/1999			
Arsenic	mg/L	0.0011 B						
Barium	mg/L	0.0919 B	0.0900 B	0.0876 B	0.0898 B			
Lead	mg/L		0.0019 B	0.0019 B	0.0042			
Thallium	mg/L	0.0014 B	0.0025 B		0.0026 B			
Zinc	mg/L	0.0038 B	0.0096 B	0.0041 B	0.0055 B			

Notes: 1. Only Detects Shown
2. Printed on 10/06/1999

Table 3
SUMMARY OF ANALYTICAL RESULTS - SURFACE WATER SAMPLING
Pratt & Whitney, Rocky Hill, Connecticut

	Location ID	RH-RSK-SD-01	RH-RSK-SD-01	RH-RSK-SD-02	RH-RSK-SD-02	RH-RSK-SD-02	RH-RSK-SD-02	RH-RSK-SD-03
	Sample ID	1839247	1839247	1839245	1839245	1839246	1839246	1839244
	Sample Date	05/11/1999	05/11/1999	05/11/1999	05/11/1999	05/11/1999	05/11/1999	05/11/1999
	Sample Time	13:00	13:00	12:00	12:00	12:00	12:00	10:35
	Laboratory	AEL	LANC	AEL	LANC	AEL	LANC	AEL
	Lab. Number	AEL99004610	3150394	AEL99004608	3150390	AEL99004609	3150391	AEL99004607
Constituent	Units							
Date Metals Analyzed	-	05/14/1999	05/18/1999	05/14/1999	05/18/1999	05/14/1999	05/18/1999	05/14/1999
Date Organics Analyzed	-		05/19/1999		05/19/1999		05/19/1999	
Antimony	mg/L		<0.0100 U		<0.0100 U		<0.0100 U	
Arsenic	mg/L		0.0011 B		<0.0100 U		<0.0100 U	
Barium	mg/L		0.0919 B		0.0900 B		0.0876 B	
Beryllium	mg/L		<0.0100 U		<0.0100 U		<0.0100 U	
Cadmium	mg/L		<0.0015 U		<0.0015 U		<0.0015 U	
Chromium (Total)	mg/L	<0.010		<0.010		<0.010		<0.010
Chromium (Hexavalent)	mg/L	<0.010		<0.010		<0.010		<0.010
Cobalt	mg/L		<0.0500 U		<0.0500 U		<0.0500 U	
Copper	mg/L		<0.0250 U		<0.0250 U		<0.0250 U	
Lead	mg/L		<0.0030 U		0.0019 B		0.0019 B	
Mercury	mg/L		<0.00020 U		<0.00020 U		<0.00020 U	
Nickel	mg/L		<0.0500 U		<0.0500 U		<0.0500 U	
Selenium	mg/L		<0.0050 U		<0.0050 U		<0.0050 U	
Silver	mg/L		<0.0200 U		<0.0200 U		<0.0200 U	
Thallium	mg/L		0.0014 B		0.0025 B		<0.0100 U	
Tin	mg/L		<0.3 U		<0.3 U		<0.3 U	
Vanadium	mg/L		<0.0200 U		<0.0200 U		<0.0200 U	
Zinc	mg/L		0.0038 B		0.0096 B		0.0041 B	
Dibromo-3-chloropropane,1,2-	µg/l		<5 U		<5 U		<5 U	
Dichloro-2-butylene,1,4-trans-	µg/l		<50 U		<50 U		<50 U	
Acetone	µg/l		<20 U		<20 U		<20 U	
Acetonitrile	µg/l		<100 U R		<100 U R		<100 U R	
Acrolein	µg/l		<100 U R		<100 U R		<100 U R	
Acrylonitrile	µg/l		<50 U		<50 U		<50 U	
Allyl Chloride	µg/l		<5 U		<5 U		<5 U	
Benzene	µg/l		<5 U		<5 U		<5 U	
Bromoform	µg/l		<5 U		<5 U		<5 U	

Notes: 1. Printed on 10/06/1999

Table 3
SUMMARY OF ANALYTICAL RESULTS - SURFACE WATER SAMPLING
Pratt & Whitney, Rocky Hill, Connecticut

	Location ID	RH-RSK-SD-01	RH-RSK-SD-01	RH-RSK-SD-02	RH-RSK-SD-02	RH-RSK-SD-02	RH-RSK-SD-02	RH-RSK-SD-03
	Sample ID	1839247	1839247	1839245	1839245	1839246	1839246	1839244
	Sample Date	05/11/1999	05/11/1999	05/11/1999	05/11/1999	05/11/1999	05/11/1999	05/11/1999
	Sample Time	13:00	13:00	12:00	12:00	12:00	12:00	10:35
	Laboratory	AEL	LANC	AEL	LANC	AEL	LANC	AEL
	Lab. Number	AEL99004610	3150394	AEL99004608	3150390	AEL99004609	3150391	AEL99004607
Constituent	Units							
Carbon Disulfide	µg/l		<5 U		<5 U		<5 U	
Carbon Tetrachloride	µg/l		<5 U		<5 U		<5 U	
Chlorobenzene	µg/l		<5 U		<5 U		<5 U	
Chlorodibromomethane	µg/l		<5 U		<5 U		<5 U	
Chloroethane	µg/l		<5 U		<5 U		<5 U	
Chloroform	µg/l		<5 U		<5 U		<5 U	
Chloroprene,beta-	µg/l		<5 U		<5 U		<5 U	
Dibromomethane	µg/l		<5 U		<5 U		<5 U	
Dichlorobromomethane	µg/l		<5 U		<5 U		<5 U	
Dichlorodifluoromethane	µg/l		<5 U		<5 U		<5 U	
Dichloroethane,1,1-	µg/l		<5 U		<5 U		<5 U	
Dichloroethane,1,2-	µg/l		<5 U		<5 U		<5 U	
Dichloroethylene,1,1-	µg/l		<5 U		<5 U		<5 U	
Dichloroethylene,1,2-cis-	µg/l		<5 U		<5 U		<5 U	
Dichloroethylene,1,2-trans-	µg/l		<5 U		<5 U		<5 U	
Dichloropropane,1,2-	µg/l		<5 U		<5 U		<5 U	
Dichloropropylene,1,3-cis-	µg/l		<5 U		<5 U		<5 U	
Dichloropropylene,1,3-trans-	µg/l		<5 U		<5 U		<5 U	
Dioxane,1,4-	µg/l		<250 U R		<250 U		<250 U R	
Ethylbenzene	µg/l		<5 U		<5 U		<5 U	
Ethylene Dibromide	µg/l		<5 U		<5 U		<5 U	
Ethylmethacrylate	µg/l		<5 U		<5 U		<5 U	
Hexanone,2-	µg/l		<10 U		<10 U		<10 U	
Iodomethane	µg/l		<5 U		<5 U		<5 U	
Isobutyl Alcohol	µg/l		<250 U R		<250 U R		<250 U R	
Methacrylonitrile	µg/l		<50 U		<50 U		<50 U	
Methyl Bromide	µg/l		<5 U		<5 U		<5 U	
Methyl Chloride	µg/l		<5 U		<5 U		<5 U	
Methyl Ethyl Ketone	µg/l		<10 U		<10 U		<10 U	

Notes: 1. Printed on 10/06/1999

Table 3
SUMMARY OF ANALYTICAL RESULTS - SURFACE WATER SAMPLING
Pratt & Whitney, Rocky Hill, Connecticut

	Location ID	RH-RSK-SD-01	RH-RSK-SD-01	RH-RSK-SD-02	RH-RSK-SD-02	RH-RSK-SD-02	RH-RSK-SD-02	RH-RSK-SD-03
	Sample ID	1839247	1839247	1839245	1839245	1839246	1839246	1839244
	Sample Date	05/11/1999	05/11/1999	05/11/1999	05/11/1999	05/11/1999	05/11/1999	05/11/1999
	Sample Time	13:00	13:00	12:00	12:00	12:00	12:00	10:35
	Laboratory	AEL	LANC	AEL	LANC	AEL	LANC	AEL
	Lab. Number	AEL99004610	3150394	AEL99004608	3150390	AEL99004609	3150391	AEL99004607
Constituent	Units							
Methyl Methacrylate	µg/l		<5 U		<5 U		<5 U	
Methyl-2-pentanone,4-	µg/l		<10 U		<10 U		<10 U	
Methyl-tert-butyl Ether	µg/l		<5 U		<5 U		<5 U	
Methylene Chloride	µg/l		<5 U		<5 U		<5 U	
Propionitrile	µg/l		<100 U R		<100 U R		<100 U R	
Styrene	µg/l		<5 U		<5 U		<5 U	
Tetrachloroethane,1,1,1,2-	µg/l		<5 U		<5 U		<5 U	
Tetrachloroethane,1,1,2,2-	µg/l		<5 U		<5 U		<5 U	
Tetrachloroethylene	µg/l		<5 U		<5 U		<5 U	
Toluene	µg/l		<5 U		<5 U		<5 U	
Trichloroethane,1,1,1-	µg/l		<5 U		<5 U		<5 U	
Trichloroethane,1,1,2-	µg/l		<5 U		<5 U		<5 U	
Trichloroethylene	µg/l		<5 U		<5 U		<5 U	
Trichloromonofluoromethane	µg/l		<5 U		<5 U		<5 U	
Trichloropropane,1,2,3-	µg/l		<5 U		<5 U		<5 U	
Vinyl Acetate	µg/l		<10 U		<10 U		<10 U	
Vinyl Chloride	µg/l		<5 U		<5 U		<5 U	
Xylenes (Total)	µg/l		<5 U		<5 U		<5 U	

Notes: 1. Printed on 10/06/1999

Table 3
SUMMARY OF ANALYTICAL RESULTS - SURFACE WATER SAMPLING
Pratt & Whitney, Rocky Hill, Connecticut

	Location ID	RH-RSK-SD-03						
	Sample ID	1839244						
	Sample Date	05/11/1999						
	Sample Time	10:35						
	Laboratory	LANC						
	Lab. Number	3150386						
Constituent	Units							
Date Metals Analyzed	-	05/18/1999						
Date Organics Analyzed	-	05/19/1999						
Antimony	mg/L	<0.0100 U						
Arsenic	mg/L	<0.0100 U						
Barium	mg/L	0.0898 B						
Beryllium	mg/L	<0.0100 U						
Cadmium	mg/L	<0.0015 U						
Chromium (Total)	mg/L							
Chromium (Hexavalent)	mg/L							
Cobalt	mg/L	<0.0500 U						
Copper	mg/L	<0.0250 U						
Lead	mg/L	0.0042						
Mercury	mg/L	<0.00020 U						
Nickel	mg/L	<0.0500 U						
Selenium	mg/L	<0.0050 U						
Silver	mg/L	<0.0200 U						
Thallium	mg/L	0.0026 B						
Tin	mg/L	<0.3 U						
Vanadium	mg/L	<0.0200 U						
Zinc	mg/L	0.0055 B						
Dibromo-3-chloropropane,1,2-	µg/l	<5 U						
Dichloro-2-butylene,1,4-trans-	µg/l	<50 U						
Acetone	µg/l	<20 U						
Acetonitrile	µg/l	<100 U R						
Acrolein	µg/l	<100 U R						
Acrylonitrile	µg/l	<50 U						
Allyl Chloride	µg/l	<5 U						
Benzene	µg/l	<5 U						
Bromoform	µg/l	<5 U						

Notes: 1. Printed on 10/06/1999

Table 3
SUMMARY OF ANALYTICAL RESULTS - SURFACE WATER SAMPLING
Pratt & Whitney, Rocky Hill, Connecticut

	Location ID	RH-RSK-SD-03						
	Sample ID	1839244						
	Sample Date	05/11/1999						
	Sample Time	10:35						
	Laboratory	LANC						
	Lab. Number	3150386						
Constituent	Units							
Carbon Disulfide	µg/l	<5 U						
Carbon Tetrachloride	µg/l	<5 U						
Chlorobenzene	µg/l	<5 U						
Chlorodibromomethane	µg/l	<5 U						
Chloroethane	µg/l	<5 U						
Chloroform	µg/l	<5 U						
Chloroprene,beta-	µg/l	<5 U						
Dibromomethane	µg/l	<5 U						
Dichlorobromomethane	µg/l	<5 U						
Dichlorodifluoromethane	µg/l	<5 U						
Dichloroethane,1,1-	µg/l	<5 U						
Dichloroethane,1,2-	µg/l	<5 U						
Dichloroethylene,1,1-	µg/l	<5 U						
Dichloroethylene,1,2-cis-	µg/l	<5 U						
Dichloroethylene,1,2-trans-	µg/l	<5 U						
Dichloropropane,1,2-	µg/l	<5 U						
Dichloropropylene,1,3-cis-	µg/l	<5 U						
Dichloropropylene,1,3-trans-	µg/l	<5 U						
Dioxane,1,4-	µg/l	<250 U R						
Ethylbenzene	µg/l	<5 U						
Ethylene Dibromide	µg/l	<5 U						
Ethylmethacrylate	µg/l	<5 U						
Hexanone,2-	µg/l	<10 U						
Iodomethane	µg/l	<5 U						
Isobutyl Alcohol	µg/l	<250 U R						
Methacrylonitrile	µg/l	<50 U						
Methyl Bromide	µg/l	<5 U						
Methyl Chloride	µg/l	<5 U						
Methyl Ethyl Ketone	µg/l	<10 U						

Notes: 1. Printed on 10/06/1999

Table 3
SUMMARY OF ANALYTICAL RESULTS - SURFACE WATER SAMPLING
Pratt & Whitney, Rocky Hill, Connecticut

	Location ID	RH-RSK-SD-03						
	Sample ID	1839244						
	Sample Date	05/11/1999						
	Sample Time	10:35						
	Laboratory	LANC						
	Lab. Number	3150386						
Constituent	Units							
Methyl Methacrylate	µg/l	<5 U						
Methyl-2-pentanone,4-	µg/l	<10 U						
Methyl-tert-butyl Ether	µg/l	<5 U						
Methylene Chloride	µg/l	<5 U						
Propionitrile	µg/l	<100 U R						
Styrene	µg/l	<5 U						
Tetrachloroethane,1,1,1,2-	µg/l	<5 U						
Tetrachloroethane,1,1,2,2-	µg/l	<5 U						
Tetrachloroethylene	µg/l	<5 U						
Toluene	µg/l	<5 U						
Trichloroethane,1,1,1-	µg/l	<5 U						
Trichloroethane,1,1,2-	µg/l	<5 U						
Trichloroethylene	µg/l	<5 U						
Trichloromonofluoromethane	µg/l	<5 U						
Trichloropropane,1,2,3-	µg/l	<5 U						
Vinyl Acetate	µg/l	<10 U						
Vinyl Chloride	µg/l	<5 U						
Xylenes (Total)	µg/l	<5 U						

Notes: 1. Printed on 10/06/1999

Table 4
EXCEEDANCES OF P&W VCAP RISK-BASED SURFACE WATER SCREENING LEVELS - SURFACE WATER SAMPLING
Pratt & Whitney, Rocky Hill, Connecticut

	Location ID	RH-RSK-SD-03						
	Sample ID	1839244						
	Sample Date	05/11/1999						
	Sample Time	10:35						
	Laboratory	LANC						
	Lab. Number	3150386						
Constituent	Units							
Date Metals Analyzed	-	05/19/1999						
Lead	mg/L	0.0042						

Notes: 1. Only Exceedances Shown
2. Printed on 10/06/1999

Table 5
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION - SEDIMENT SAMPLES
Pratt & Whitney, Rocky Hill, Connecticut

Sample Information						Analysis Information								
Location ID	Sample ID	Sample Date	From (ft)	To (ft)	Class	Portable GC	Volatile Organics	Semivolatile Organics	Herbicides	Pesticides	PCBs	Metals	Extraction	Miscellaneous
RH-RSK-SD-01	1839263	05/11/1999	0.0	0.3	SD		x	X			X	X		X
RH-RSK-SD-02	1839261	05/11/1999	0.0	0.3	SD		x	X			X	X		X
RH-RSK-SD-02	1839262	05/11/1999	0.0	0.3	SD		x	X			X	X		X
RH-RSK-SD-03	1839260	05/11/1999	0.0	0.3	SD		x	X			X	X		X

Notes: 1. Legend: X - Analysed; at least one analyte over the detection limit; x - Analysed, no analytes in group over the detection limit
2. Printed on 10/06/1999

Table 6
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SEDIMENT SAMPLES
Pratt & Whitney, Rocky Hill, Connecticut

	Location ID	RH-RSK-SD-01	RH-RSK-SD-01	RH-RSK-SD-02	RH-RSK-SD-02	RH-RSK-SD-02	RH-RSK-SD-02	RH-RSK-SD-03
	Sample ID	1839263	1839263	1839261	1839261	1839262	1839262	1839260
	Sample Date	05/11/1999	05/11/1999	05/11/1999	05/11/1999	05/11/1999	05/11/1999	05/11/1999
	Sample Time	13:00	13:00	12:00	12:00	12:00	12:00	10:35
	Sample Depth	0.0' - 0.3'	0.0' - 0.3'	0.0' - 0.3'	0.0' - 0.3'	0.0' - 0.3'	0.0' - 0.3'	0.0' - 0.3'
	Laboratory	AEL	LANC	AEL	LANC	AEL	LANC	AEL
	Lab. Number	AEL99004616	3150395	AEL99004614	3150392	AEL99004615	3150393	AEL99004613
Constituent	Units							
Date Metals Analyzed	-	05/14/1999	05/19/1999	05/14/1999	05/19/1999	05/14/1999	05/19/1999	05/14/1999
Date PCBs Analyzed	-		05/15/1999		05/15/1999		05/17/1999	
Date Physical Analyzed	-		05/21/1999		05/21/1999		05/21/1999	
Date Semi-volatile Organics Analyzed	-		05/18/1999		05/18/1999		05/18/1999	
Arsenic	mg/kg		0.97 B NFJ		0.79 B NFJ		0.99 B NFJ	
Barium	mg/kg		34.6		39.5		34.8	
Beryllium	mg/kg		0.20 B		0.25 B		0.20 B	
Cadmium	mg/kg		0.64		0.56		0.46	
Chromium (Total)	mg/kg	5.45		7.26		4.78		7.33
Cobalt	mg/kg		4.1 B		4.7 B		3.6 B	
Copper	mg/kg		17.6		18.6		10.4	
Lead	mg/kg		7.9		9.5		6.9	
Mercury	mg/kg				0.016 B		0.014 B	
Nickel	mg/kg		7.1		9.8		6.6	
Tin	mg/kg							
Vanadium	mg/kg		18.1		18.5		17.4	
Zinc	mg/kg		31.6		47.7		34.9	
PCB 1260	µg/kg		31 J		24 J		28 J	
Total Organic Carbon	mg/kg		1540		1070		900	
Total Petroleum Hydrocarbons	mg/kg		207		120		152	
Acenaphthylene	µg/kg		64 J				51 J	
Anthracene	µg/kg		140 J		88 J		120 J	
Benzo[a]anthracene	µg/kg		460		320 J		450	
Benzo[a]pyrene	µg/kg		550		390 J		510	
Benzo[b]fluoranthene	µg/kg		790		560		730	
Benzo[ghi]perylene	µg/kg		450		260 J		330 J	
Benzo[k]fluoranthene	µg/kg		240 J		210 J		220 J	
Bis(2-ethylhexyl)phthalate	µg/kg		270 J		260 J		270 J	

Notes: 1. Only Detects Shown
2. Printed on 10/06/1999

Table 6
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SEDIMENT SAMPLES
Pratt & Whitney, Rocky Hill, Connecticut

	Location ID	RH-RSK-SD-01	RH-RSK-SD-01	RH-RSK-SD-02	RH-RSK-SD-02	RH-RSK-SD-02	RH-RSK-SD-02	RH-RSK-SD-03
	Sample ID	1839263	1839263	1839261	1839261	1839262	1839262	1839260
	Sample Date	05/11/1999	05/11/1999	05/11/1999	05/11/1999	05/11/1999	05/11/1999	05/11/1999
	Sample Time	13:00	13:00	12:00	12:00	12:00	12:00	10:35
	Sample Depth	0.0' - 0.3'	0.0' - 0.3'	0.0' - 0.3'	0.0' - 0.3'	0.0' - 0.3'	0.0' - 0.3'	0.0' - 0.3'
	Laboratory	AEL	LANC	AEL	LANC	AEL	LANC	AEL
	Lab. Number	AEL99004616	3150395	AEL99004614	3150392	AEL99004615	3150393	AEL99004613
Constituent	Units							
Butyl Benzyl Phthalate	µg/kg		280 J					
Chrysene	µg/kg		530		440		500	
Dibenzo[a,h]anthracene	µg/kg		120 J		76 J		92 J	
Dibenzofuran	µg/kg		48 J					
Fluoranthene	µg/kg		1100		910		1100	
Fluorene	µg/kg		200 J					
Indeno(1,2,3-cd)pyrene	µg/kg		490		300 J		380 J	
Phenanthrene	µg/kg		840		640		540	
Pyrene	µg/kg		1000		780		900	

Notes: 1. Only Detects Shown
2. Printed on 10/06/1999

Table 6
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SEDIMENT SAMPLES
Pratt & Whitney, Rocky Hill, Connecticut

	Location ID	RH-RSK-SD-03						
	Sample ID	1839260						
	Sample Date	05/11/1999						
	Sample Time	10:35						
	Sample Depth	0.0' - 0.3'						
	Laboratory	LANC						
	Lab. Number	3150387						
Constituent	Units							
Date Metals Analyzed	-	05/19/1999						
Date PCBs Analyzed	-	05/17/1999						
Date Physical Analyzed	-	05/21/1999						
Date Semi-volatile Organics Analyzed	-	05/18/1999						
Arsenic	mg/kg	1.4 B NFJ						
Barium	mg/kg	31.4						
Beryllium	mg/kg	0.12 B						
Cadmium	mg/kg	0.48						
Chromium (Total)	mg/kg							
Cobalt	mg/kg	2.4 B						
Copper	mg/kg	23.0						
Lead	mg/kg	141						
Mercury	mg/kg	0.43						
Nickel	mg/kg	6.1						
Tin	mg/kg	5.9 B						
Vanadium	mg/kg	9.4						
Zinc	mg/kg	1790						
PCB 1260	µg/kg	47						
Total Organic Carbon	mg/kg	1070						
Total Petroleum Hydrocarbons	mg/kg	227						
Acenaphthylene	µg/kg							
Anthracene	µg/kg							
Benzo[a]anthracene	µg/kg	200 J						
Benzo[a]pyrene	µg/kg	260 J						
Benzo[b]fluoranthene	µg/kg	390						
Benzo[ghi]perylene	µg/kg	200 J						
Benzo[k]fluoranthene	µg/kg	110 J						
Bis(2-ethylhexyl)phthalate	µg/kg	250 J						

Notes: 1. Only Detects Shown
2. Printed on 10/06/1999

Table 6
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SEDIMENT SAMPLES
Pratt & Whitney, Rocky Hill, Connecticut

	Location ID	RH-RSK-SD-03						
	Sample ID	1839260						
	Sample Date	05/11/1999						
	Sample Time	10:35						
	Sample Depth	0.0' - 0.3'						
	Laboratory	LANC						
	Lab. Number	3150387						
Constituent	Units							
Butyl Benzyl Phthalate	µg/kg							
Chrysene	µg/kg	240 J						
Dibenzo[a,h]anthracene	µg/kg	52 J						
Dibenzofuran	µg/kg							
Fluoranthene	µg/kg	350 J						
Fluorene	µg/kg							
Indeno(1,2,3-cd)pyrene	µg/kg	230 J						
Phenanthrene	µg/kg	130 J						
Pyrene	µg/kg	350 J						

Notes: 1. Only Detects Shown
2. Printed on 10/06/1999

Table 7
SUMMARY OF ANALYTICAL RESULTS - SEDIMENT SAMPLES
Pratt & Whitney, Rocky Hill, Connecticut

	Location ID	RH-RSK-SD-01	RH-RSK-SD-01	RH-RSK-SD-02	RH-RSK-SD-02	RH-RSK-SD-02	RH-RSK-SD-02	RH-RSK-SD-03
	Sample ID	1839263	1839263	1839261	1839261	1839262	1839262	1839260
	Sample Date	05/11/1999	05/11/1999	05/11/1999	05/11/1999	05/11/1999	05/11/1999	05/11/1999
	Sample Time	13:00	13:00	12:00	12:00	12:00	12:00	10:35
	Sample Depth	0.0' - 0.3'	0.0' - 0.3'	0.0' - 0.3'	0.0' - 0.3'	0.0' - 0.3'	0.0' - 0.3'	0.0' - 0.3'
	Laboratory	AEL	LANC	AEL	LANC	AEL	LANC	AEL
	Lab. Number	AEL99004616	3150395	AEL99004614	3150392	AEL99004615	3150393	AEL99004613
Constituent	Units							
Date Metals Analyzed	-	05/14/1999	05/19/1999	05/14/1999	05/19/1999	05/14/1999	05/19/1999	05/14/1999
Date Organics Analyzed	-		05/14/1999		05/14/1999		05/14/1999	
Date PCBs Analyzed	-		05/15/1999		05/15/1999		05/17/1999	
Date Physical Analyzed	-		05/21/1999		05/21/1999		05/21/1999	
Date Semi-volatile Organics Analyzed	-		05/18/1999		05/18/1999		05/18/1999	
Diallate	µg/kg		<390 U		<400 U		<400 U	
Antimony	mg/kg		<23.6 U J		<23.8 U J		<24.2 U J	
Arsenic	mg/kg		0.97 B NFJ		0.79 B NFJ		0.99 B NFJ	
Barium	mg/kg		34.6		39.5		34.8	
Beryllium	mg/kg		0.20 B		0.25 B		0.20 B	
Cadmium	mg/kg		0.64		0.56		0.46	
Chromium (Total)	mg/kg	5.45		7.26		4.78		7.33
Chromium (Hexavalent)	mg/kg	<0.500		<0.498		<0.505		<0.517
Cobalt	mg/kg		4.1 B		4.7 B		3.6 B	
Copper	mg/kg		17.6		18.6		10.4	
Lead	mg/kg		7.9		9.5		6.9	
Mercury	mg/kg		<0.12 U		0.016 B		0.014 B	
Nickel	mg/kg		7.1		9.8		6.6	
Selenium	mg/kg		<1.2 U NFJ		<1.2 U NFJ		<1.2 U NFJ	
Silver	mg/kg		<2.4 U		<2.4 U		<2.4 U	
Thallium	mg/kg		<2.4 U		<2.4 U		<2.4 U	
Tin	mg/kg		<29.4 U		<29.7 U		<30.3 U	
Vanadium	mg/kg		18.1		18.5		17.4	
Zinc	mg/kg		31.6		47.7		34.9	
PCB 1016	µg/kg		<3.9 U		<4 U		<4 U	
PCB 1221	µg/kg		<3.9 U		<4 U		<4 U	
PCB 1232	µg/kg		<3.9 U		<4 U		<4 U	
PCB 1242	µg/kg		<3.9 U		<4 U		<4 U	

Notes: 1. Printed on 10/06/1999

Table 7
SUMMARY OF ANALYTICAL RESULTS - SEDIMENT SAMPLES
Pratt & Whitney, Rocky Hill, Connecticut

	Location ID	RH-RSK-SD-01	RH-RSK-SD-01	RH-RSK-SD-02	RH-RSK-SD-02	RH-RSK-SD-02	RH-RSK-SD-02	RH-RSK-SD-03
	Sample ID	1839263	1839263	1839261	1839261	1839262	1839262	1839260
	Sample Date	05/11/1999	05/11/1999	05/11/1999	05/11/1999	05/11/1999	05/11/1999	05/11/1999
	Sample Time	13:00	13:00	12:00	12:00	12:00	12:00	10:35
	Sample Depth	0.0' - 0.3'	0.0' - 0.3'	0.0' - 0.3'	0.0' - 0.3'	0.0' - 0.3'	0.0' - 0.3'	0.0' - 0.3'
	Laboratory	AEL	LANC	AEL	LANC	AEL	LANC	AEL
	Lab. Number	AEL99004616	3150395	AEL99004614	3150392	AEL99004615	3150393	AEL99004613
Constituent	Units							
PCB 1248	µg/kg		<3.9 U		<4 U		<4 U	
PCB 1254	µg/kg		<3.9 U		<4 U		<4 U	
PCB 1260	µg/kg		31 J		24 J		28 J	
Acetylaminofluorene,2-	µg/kg		<390 U		<400 U		<400 U	
Chlorobenzilate	µg/kg		<390 U		<400 U		<400 U	
Dibromo-3-chloropropane,1,2-	µg/kg		<6 U		<6 U		<6 U	
Dimethoate	µg/kg		<390 U		<400 U		<400 U	
Hexachlorobenzene	µg/kg		<390 U		<400 U		<400 U	
Hexachlorocyclopentadiene	µg/kg		<790 U		<810 U		<810 U	
Isodrin	µg/kg		<790 U		<810 U		<810 U	
Tetraethyl Dithiopyrophosphate	µg/kg		<390 U		<400 U		<400 U	
Thionazin	µg/kg		<790 U		<810 U		<810 U	
Total Organic Carbon	mg/kg		1540		1070		900	
Total Petroleum Hydrocarbons	mg/kg		207		120		152	
Acenaphthene	µg/kg		<390 U		<400 U		<400 U	
Acenaphthylene	µg/kg		64 J		<400 U		51 J	
Acetophenone	µg/kg		<390 U		<400 U		<400 U	
Aminobiphenyl,4-	µg/kg		<980 U		<1000 U		<1000 U	
Aniline	µg/kg		<390 U		<400 U		<400 U	
Anthracene	µg/kg		140 J		88 J		120 J	
Benzo[a]anthracene	µg/kg		460		320 J		450	
Benzo[a]pyrene	µg/kg		550		390 J		510	
Benzo[b]fluoranthene	µg/kg		790		560		730	
Benzo[ghi]perylene	µg/kg		450		260 J		330 J	
Benzo[k]fluoranthene	µg/kg		240 J		210 J		220 J	
Benzyl Alcohol	µg/kg		<980 U		<1000 U		<1000 U	
Bis(2-chloroethoxy)methane	µg/kg		<390 U		<400 U		<400 U	
Bis(2-chloroethyl)ether	µg/kg		<390 U		<400 U		<400 U	

Notes: 1. Printed on 10/06/1999

Table 7
SUMMARY OF ANALYTICAL RESULTS - SEDIMENT SAMPLES
Pratt & Whitney, Rocky Hill, Connecticut

	Location ID	RH-RSK-SD-01	RH-RSK-SD-01	RH-RSK-SD-02	RH-RSK-SD-02	RH-RSK-SD-02	RH-RSK-SD-02	RH-RSK-SD-03
	Sample ID	1839263	1839263	1839261	1839261	1839262	1839262	1839260
	Sample Date	05/11/1999	05/11/1999	05/11/1999	05/11/1999	05/11/1999	05/11/1999	05/11/1999
	Sample Time	13:00	13:00	12:00	12:00	12:00	12:00	10:35
	Sample Depth	0.0' - 0.3'	0.0' - 0.3'	0.0' - 0.3'	0.0' - 0.3'	0.0' - 0.3'	0.0' - 0.3'	0.0' - 0.3'
	Laboratory	AEL	LANC	AEL	LANC	AEL	LANC	AEL
	Lab. Number	AEL99004616	3150395	AEL99004614	3150392	AEL99004615	3150393	AEL99004613
Constituent	Units							
Bis(2-chloroisopropyl)ether	µg/kg		<390 U		<400 U		<400 U	
Bis(2-ethylhexyl)phthalate	µg/kg		270 J		260 J		270 J	
Bromophenyl Phenyl Ether,4-	µg/kg		<390 U		<400 U		<400 U	
Butyl Benzyl Phthalate	µg/kg		280 J		<400 U		<400 U	
Chloro-m-cresol,p-	µg/kg		<390 U		<400 U		<400 U	
Chloroaniline,4-	µg/kg		<390 U		<400 U		<400 U	
Chloronaphthalene,2-	µg/kg		<390 U		<400 U		<400 U	
Chlorophenol,2-	µg/kg		<390 U		<400 U		<400 U	
Chlorophenyl Phenyl Ether,4-	µg/kg		<390 U		<400 U		<400 U	
Chrysene	µg/kg		530		440		500	
Cresol,2-	µg/kg		<390 U		<400 U		<400 U	
Cresol,4-	µg/kg		<390 U		<400 U		<400 U	
Di-n-butyl Phthalate	µg/kg		<390 U		<400 U		<400 U	
Di-n-octyl Phthalate	µg/kg		<390 U		<400 U		<400 U	
Dibenzo[a,h]anthracene	µg/kg		120 J		76 J		92 J	
Dibenzofuran	µg/kg		48 J		<400 U		<400 U	
Dichloro-2-butylene,1,4-trans-	µg/kg		<59 U		<61 U		<61 U	
Dichlorobenzidine,3,3'-	µg/kg		<790 U		<810 U		<810 U	
Dichlorophenol,2,4-	µg/kg		<390 U		<400 U		<400 U	
Dichlorophenol,2,6-	µg/kg		<390 U		<400 U		<400 U	
Diethyl Phthalate	µg/kg		<390 U		<400 U		<400 U	
Dimethyl Phthalate	µg/kg		<390 U		<400 U		<400 U	
Dimethylaminoazobenzene,4-	µg/kg		<390 U		<400 U		<400 U	
Dimethylbenzidine,3,3'-	µg/kg		<980 U		<1000 U		<1000 U	
Dimethylbenzo[a]anthracene,7,12-	µg/kg		<390 U		<400 U		<400 U	
Dimethylphenol,2,4-	µg/kg		<390 U		<400 U		<400 U	
Dinitro-o-cresol,4,6-	µg/kg		<980 U		<1000 U		<1000 U	
Dinitrobenzene,1,3-	µg/kg		<390 U		<400 U		<400 U	

Notes: 1. Printed on 10/06/1999

Table 7
SUMMARY OF ANALYTICAL RESULTS - SEDIMENT SAMPLES
Pratt & Whitney, Rocky Hill, Connecticut

	Location ID	RH-RSK-SD-01	RH-RSK-SD-01	RH-RSK-SD-02	RH-RSK-SD-02	RH-RSK-SD-02	RH-RSK-SD-02	RH-RSK-SD-03
	Sample ID	1839263	1839263	1839261	1839261	1839262	1839262	1839260
	Sample Date	05/11/1999	05/11/1999	05/11/1999	05/11/1999	05/11/1999	05/11/1999	05/11/1999
	Sample Time	13:00	13:00	12:00	12:00	12:00	12:00	10:35
	Sample Depth	0.0' - 0.3'	0.0' - 0.3'	0.0' - 0.3'	0.0' - 0.3'	0.0' - 0.3'	0.0' - 0.3'	0.0' - 0.3'
	Laboratory	AEL	LANC	AEL	LANC	AEL	LANC	AEL
	Lab. Number	AEL99004616	3150395	AEL99004614	3150392	AEL99004615	3150393	AEL99004613
Constituent	Units							
Dinitrophenol,2,4-	µg/kg		<980 U		<1000 U		<1000 U	
Dinitrotoluene,2,4-	µg/kg		<390 U		<400 U		<400 U	
Dinitrotoluene,2,6-	µg/kg		<390 U		<400 U		<400 U	
Ethylmethanesulfonate	µg/kg		<390 U		<400 U		<400 U	
Fluoranthene	µg/kg		1100		910		1100	
Fluorene	µg/kg		200 J		<400 U		<400 U	
Hexachlorobutadiene	µg/kg		<390 U		<400 U		<400 U	
Hexachloroethane	µg/kg		<390 U		<400 U		<400 U	
Hexachloropropylene	µg/kg		<390 U		<400 U		<400 U	
Indeno(1,2,3-cd)pyrene	µg/kg		490		300 J		380 J	
Isophorone	µg/kg		<390 U		<400 U		<400 U	
Isosafrole	µg/kg		<390 U		<400 U		<400 U	
Methapyrilene	µg/kg		<390 U		<400 U		<400 U	
Methyl Methanesulfonate	µg/kg		<390 U		<400 U		<400 U	
Methylcholanthrene,3-	µg/kg		<390 U		<400 U		<400 U	
Methylnaphthalene,2-	µg/kg		<390 U		<400 U		<400 U	
Naphthalene	µg/kg		<390 U		<400 U		<400 U	
Naphthoquinone,1,4-	µg/kg		<790 U R		<810 U R		<810 U R	
Naphthylamine,alpha-	µg/kg		<390 U		<400 U		<400 U	
Naphthylamine,beta-	µg/kg		<980 U		<1000 U		<1000 U	
Nitro-o-toluidine,5-	µg/kg		<980 U R		<1000 U R		<1000 U R	
Nitroaniline,2-	µg/kg		<390 U		<400 U		<400 U	
Nitroaniline,3-	µg/kg		<390 U		<400 U		<400 U	
Nitroaniline,4-	µg/kg		<390 U		<400 U		<400 U	
Nitrobenzene	µg/kg		<390 U		<400 U		<400 U	
Nitrophenol,2-	µg/kg		<390 U		<400 U		<400 U	
Nitrophenol,4-	µg/kg		<980 U		<1000 U		<1000 U	
Nitroquinoline-1-oxide,4-	µg/kg		<980 U		<1000 U		<1000 U	

Notes: 1. Printed on 10/06/1999

Table 7
SUMMARY OF ANALYTICAL RESULTS - SEDIMENT SAMPLES
Pratt & Whitney, Rocky Hill, Connecticut

	Location ID	RH-RSK-SD-01	RH-RSK-SD-01	RH-RSK-SD-02	RH-RSK-SD-02	RH-RSK-SD-02	RH-RSK-SD-02	RH-RSK-SD-03
	Sample ID	1839263	1839263	1839261	1839261	1839262	1839262	1839260
	Sample Date	05/11/1999	05/11/1999	05/11/1999	05/11/1999	05/11/1999	05/11/1999	05/11/1999
	Sample Time	13:00	13:00	12:00	12:00	12:00	12:00	10:35
	Sample Depth	0.0' - 0.3'	0.0' - 0.3'	0.0' - 0.3'	0.0' - 0.3'	0.0' - 0.3'	0.0' - 0.3'	0.0' - 0.3'
	Laboratory	AEL	LANC	AEL	LANC	AEL	LANC	AEL
	Lab. Number	AEL99004616	3150395	AEL99004614	3150392	AEL99004615	3150393	AEL99004613
Constituent	Units							
Nitroso-di-n-butylamine,n-	µg/kg		<390 U		<400 U		<400 U	
Nitroso-n-propylamine,n-	µg/kg		<390 U		<400 U		<400 U	
Nitrosodiethylamine,n-	µg/kg		<390 U		<400 U		<400 U	
Nitrosodimethylamine,n-	µg/kg		<390 U		<400 U		<400 U	
Nitrosodiphenylamine,n-	µg/kg		<390 U		<400 U		<400 U	
Nitrosomethylethylamine,n-	µg/kg		<390 U		<400 U		<400 U	
Nitrosomorpholine,n-	µg/kg		<390 U		<400 U		<400 U	
Nitrosopiperidine,n-	µg/kg		<390 U		<400 U		<400 U	
Nitrosopyrrolidine,n-	µg/kg		<390 U		<400 U		<400 U	
Pentachlorophenol	µg/kg		<980 U		<1000 U		<1000 U	
Phenacetin	µg/kg		<390 U		<400 U		<400 U	
Phenanthrene	µg/kg		840		640		540	
Phenol	µg/kg		<390 U		<400 U		<400 U	
Phenylenediamine,1,4-	µg/kg		<7900 U R		<8100 U R		<8100 U R	
Picoline,2-	µg/kg		<390 U		<400 U		<400 U	
Pronamide	µg/kg		<980 U		<1000 U		<1000 U	
Pyrene	µg/kg		1000		780		900	
Pyridine	µg/kg		<390 U		<400 U		<400 U	
Safrole	µg/kg		<390 U		<400 U		<400 U	
Tetrachlorobenzene,1,2,4,5-	µg/kg		<390 U		<400 U		<400 U	
Tetrachlorophenol,2,3,4,6-	µg/kg		<390 U		<400 U		<400 U	
Toluidine,o-	µg/kg		<390 U		<400 U		<400 U	
Trichlorophenol,2,4,5-	µg/kg		<390 U		<400 U		<400 U	
Trichlorophenol,2,4,6-	µg/kg		<390 U		<400 U		<400 U	
Triethyl Phosphorothioate,o,o,o-	µg/kg		<390 U		<400 U		<400 U	
Trinitrobenzene,1,3,5-	µg/kg		<790 U		<810 U		<810 U	
Acetone	µg/kg		<24 U		<24 U		<24 U	
Acetonitrile	µg/kg		<120 U R		<120 U R		<120 U R	

Notes: 1. Printed on 10/06/1999

Table 7
SUMMARY OF ANALYTICAL RESULTS - SEDIMENT SAMPLES
Pratt & Whitney, Rocky Hill, Connecticut

	Location ID	RH-RSK-SD-01	RH-RSK-SD-01	RH-RSK-SD-02	RH-RSK-SD-02	RH-RSK-SD-02	RH-RSK-SD-02	RH-RSK-SD-03
	Sample ID	1839263	1839263	1839261	1839261	1839262	1839262	1839260
	Sample Date	05/11/1999	05/11/1999	05/11/1999	05/11/1999	05/11/1999	05/11/1999	05/11/1999
	Sample Time	13:00	13:00	12:00	12:00	12:00	12:00	10:35
	Sample Depth	0.0' - 0.3'	0.0' - 0.3'	0.0' - 0.3'	0.0' - 0.3'	0.0' - 0.3'	0.0' - 0.3'	0.0' - 0.3'
	Laboratory	AEL	LANC	AEL	LANC	AEL	LANC	AEL
	Lab. Number	AEL99004616	3150395	AEL99004614	3150392	AEL99004615	3150393	AEL99004613
Constituent	Units							
Acrolein	µg/kg		<120 U		<120 U		<120 U	
Acrylonitrile	µg/kg		<59 U		<61 U		<61 U	
Allyl Chloride	µg/kg		<6 U		<6 U		<6 U	
Benzene	µg/kg		<6 U		<6 U		<6 U	
Bromoform	µg/kg		<6 U		<6 U		<6 U	
Carbon Disulfide	µg/kg		<6 U		<6 U		<6 U	
Carbon Tetrachloride	µg/kg		<6 U		<6 U		<6 U	
Chlorobenzene	µg/kg		<6 U		<6 U		<6 U	
Chlorodibromomethane	µg/kg		<6 U		<6 U		<6 U	
Chloroethane	µg/kg		<6 U		<6 U		<6 U	
Chloroform	µg/kg		<6 U		<6 U		<6 U	
Chloroprene,beta-	µg/kg		<6 U		<6 U		<6 U	
Dibromomethane	µg/kg		<6 U		<6 U		<6 U	
Dichlorobenzene,1,2-	µg/kg		<390 U		<400 U		<400 U	
Dichlorobenzene,1,3-	µg/kg		<390 U		<400 U		<400 U	
Dichlorobenzene,1,4-	µg/kg		<390 U		<400 U		<400 U	
Dichlorobromomethane	µg/kg		<6 U		<6 U		<6 U	
Dichlorodifluoromethane	µg/kg		<6 U		<6 U		<6 U	
Dichloroethane,1,1-	µg/kg		<6 U		<6 U		<6 U	
Dichloroethane,1,2-	µg/kg		<6 U		<6 U		<6 U	
Dichloroethylene,1,1-	µg/kg		<6 U		<6 U		<6 U	
Dichloroethylene,1,2-cis-	µg/kg		<6 U		<6 U		<6 U	
Dichloroethylene,1,2-trans-	µg/kg		<6 U		<6 U		<6 U	
Dichloropropane,1,2-	µg/kg		<6 U		<6 U		<6 U	
Dichloropropylene,1,3-cis-	µg/kg		<6 U		<6 U		<6 U	
Dichloropropylene,1,3-trans-	µg/kg		<6 U		<6 U		<6 U	
Dioxane,1,4-	µg/kg		<290 U R		<300 U R		<300 U R	
Ethylbenzene	µg/kg		<6 U		<6 U		<6 U	

Notes: 1. Printed on 10/06/1999

Table 7
SUMMARY OF ANALYTICAL RESULTS - SEDIMENT SAMPLES
Pratt & Whitney, Rocky Hill, Connecticut

	Location ID	RH-RSK-SD-01	RH-RSK-SD-01	RH-RSK-SD-02	RH-RSK-SD-02	RH-RSK-SD-02	RH-RSK-SD-02	RH-RSK-SD-03
	Sample ID	1839263	1839263	1839261	1839261	1839262	1839262	1839260
	Sample Date	05/11/1999	05/11/1999	05/11/1999	05/11/1999	05/11/1999	05/11/1999	05/11/1999
	Sample Time	13:00	13:00	12:00	12:00	12:00	12:00	10:35
	Sample Depth	0.0' - 0.3'	0.0' - 0.3'	0.0' - 0.3'	0.0' - 0.3'	0.0' - 0.3'	0.0' - 0.3'	0.0' - 0.3'
	Laboratory	AEL	LANC	AEL	LANC	AEL	LANC	AEL
	Lab. Number	AEL99004616	3150395	AEL99004614	3150392	AEL99004615	3150393	AEL99004613
Constituent	Units							
Ethylene Dibromide	µg/kg		<6 U		<6 U		<6 U	
Ethylmethacrylate	µg/kg		<6 U RJ		<6 U J		<6 U J	
Hexanone,2-	µg/kg		<12 U		<12 U		<12 U	
Iodomethane	µg/kg		<6 U		<6 U		<6 U	
Isobutyl Alcohol	µg/kg		<290 U R		<300 U R		<300 U R	
Methacrylonitrile	µg/kg		<59 U		<61 U		<61 U	
Methyl Bromide	µg/kg		<6 U		<6 U		<6 U	
Methyl Chloride	µg/kg		<6 U		<6 U		<6 U	
Methyl Ethyl Ketone	µg/kg		<12 U		<12 U		<12 U	
Methyl Methacrylate	µg/kg		<6 U		<6 U		<6 U	
Methyl-2-pentanone,4-	µg/kg		<12 U		<12 U		<12 U	
Methyl-tert-butyl Ether	µg/kg		<6 U		<6 U		<5 U	
Methylene Chloride	µg/kg		<6 U		<6 U		<6 U	
Pentachlorobenzene	µg/kg		<390 U		<400 U		<400 U	
Pentachloronitrobenzene	µg/kg		<390 U		<400 U		<400 U	
Propionitrile	µg/kg		<120 U R		<120 U R		<120 U R	
Styrene	µg/kg		<6 U		<6 U		<6 U	
Tetrachloroethane,1,1,1,2-	µg/kg		<6 U		<6 U		<6 U	
Tetrachloroethane,1,1,2,2-	µg/kg		<6 U		<6 U		<6 U	
Tetrachloroethylene	µg/kg		<6 U		<6 U		<6 U	
Toluene	µg/kg		<6 U		<6 U		<6 U	
Trichlorobenzene,1,2,4-	µg/kg		<390 U		<400 U		<400 U	
Trichloroethane,1,1,1-	µg/kg		<6 U		<6 U		<6 U	
Trichloroethane,1,1,2-	µg/kg		<6 U		<6 U		<6 U	
Trichloroethylene	µg/kg		<6 U		<6 U		<6 U	
Trichloromonofluoromethane	µg/kg		<6 U		<6 U		<6 U	
Trichloropropane,1,2,3-	µg/kg		<6 U		<6 U		<6 U	
Vinyl Acetate	µg/kg		<12 U		<12 U		<12 U	

Notes: 1. Printed on 10/06/1999

Table 7
SUMMARY OF ANALYTICAL RESULTS - SEDIMENT SAMPLES
Pratt & Whitney, Rocky Hill, Connecticut

	Location ID	RH-RSK-SD-01	RH-RSK-SD-01	RH-RSK-SD-02	RH-RSK-SD-02	RH-RSK-SD-02	RH-RSK-SD-02	RH-RSK-SD-03
	Sample ID	1839263	1839263	1839261	1839261	1839262	1839262	1839260
	Sample Date	05/11/1999	05/11/1999	05/11/1999	05/11/1999	05/11/1999	05/11/1999	05/11/1999
	Sample Time	13:00	13:00	12:00	12:00	12:00	12:00	10:35
	Sample Depth	0.0' - 0.3'	0.0' - 0.3'	0.0' - 0.3'	0.0' - 0.3'	0.0' - 0.3'	0.0' - 0.3'	0.0' - 0.3'
	Laboratory	AEL	LANC	AEL	LANC	AEL	LANC	AEL
	Lab. Number	AEL99004616	3150395	AEL99004614	3150392	AEL99004615	3150393	AEL99004613
Constituent	Units							
Vinyl Chloride	µg/kg		<6 U		<6 U		<6 U	
Xylenes (Total)	µg/kg		<6 U		<6 U		<6 U	

Notes: 1. Printed on 10/06/1999

Table 7
SUMMARY OF ANALYTICAL RESULTS - SEDIMENT SAMPLES
Pratt & Whitney, Rocky Hill, Connecticut

	Location ID	RH-RSK-SD-03						
	Sample ID	1839260						
	Sample Date	05/11/1999						
	Sample Time	10:35						
	Sample Depth	0.0' - 0.3'						
	Laboratory	LANC						
	Lab. Number	3150387						
Constituent	Units							
Date Metals Analyzed	-	05/19/1999						
Date Organics Analyzed	-	05/14/1999						
Date PCBs Analyzed	-	05/17/1999						
Date Physical Analyzed	-	05/21/1999						
Date Semi-volatile Organics Analyzed	-	05/18/1999						
Diallate	µg/kg	<390 U						
Antimony	mg/kg	<22.8 U J						
Arsenic	mg/kg	1.4 B NFJ						
Barium	mg/kg	31.4						
Beryllium	mg/kg	0.12 B						
Cadmium	mg/kg	0.48						
Chromium (Total)	mg/kg							
Chromium (Hexavalent)	mg/kg							
Cobalt	mg/kg	2.4 B						
Copper	mg/kg	23.0						
Lead	mg/kg	141						
Mercury	mg/kg	0.43						
Nickel	mg/kg	6.1						
Selenium	mg/kg	<1.2 U NFJ						
Silver	mg/kg	<2.3 U						
Thallium	mg/kg	<2.3 U						
Tin	mg/kg	5.9 B						
Vanadium	mg/kg	9.4						
Zinc	mg/kg	1790						
PCB 1016	µg/kg	<3.8 U						
PCB 1221	µg/kg	<3.8 U						
PCB 1232	µg/kg	<3.8 U						
PCB 1242	µg/kg	<3.8 U						

Notes: 1. Printed on 10/06/1999

Table 7
SUMMARY OF ANALYTICAL RESULTS - SEDIMENT SAMPLES
Pratt & Whitney, Rocky Hill, Connecticut

	Location ID	RH-RSK-SD-03						
	Sample ID	1839260						
	Sample Date	05/11/1999						
	Sample Time	10:35						
	Sample Depth	0.0' - 0.3'						
	Laboratory	LANC						
	Lab. Number	3150387						
Constituent	Units							
PCB 1248	µg/kg	<3.8 U						
PCB 1254	µg/kg	<3.8 U						
PCB 1260	µg/kg	47						
Acetylaminofluorene,2-	µg/kg	<390 U						
Chlorobenzilate	µg/kg	<390 U						
Dibromo-3-chloropropane,1,2-	µg/kg	<6 U						
Dimethoate	µg/kg	<390 U						
Hexachlorobenzene	µg/kg	<390 U						
Hexachlorocyclopentadiene	µg/kg	<780 U						
Isodrin	µg/kg	<780 U						
Tetraethyl Dithiopyrophosphate	µg/kg	<390 U						
Thionazin	µg/kg	<780 U						
Total Organic Carbon	mg/kg	1070						
Total Petroleum Hydrocarbons	mg/kg	227						
Acenaphthene	µg/kg	<390 U						
Acenaphthylene	µg/kg	<390 U						
Acetophenone	µg/kg	<390 U						
Aminobiphenyl,4-	µg/kg	<970 U						
Aniline	µg/kg	<390 U						
Anthracene	µg/kg	<390 U						
Benzo[a]anthracene	µg/kg	200 J						
Benzo[a]pyrene	µg/kg	260 J						
Benzo[b]fluoranthene	µg/kg	390						
Benzo[ghi]perylene	µg/kg	200 J						
Benzo[k]fluoranthene	µg/kg	110 J						
Benzyl Alcohol	µg/kg	<970 U						
Bis(2-chloroethoxy)methane	µg/kg	<390 U						
Bis(2-chloroethyl)ether	µg/kg	<390 U						

Notes: 1. Printed on 10/06/1999

Table 7
SUMMARY OF ANALYTICAL RESULTS - SEDIMENT SAMPLES
Pratt & Whitney, Rocky Hill, Connecticut

	Location ID	RH-RSK-SD-03						
	Sample ID	1839260						
	Sample Date	05/11/1999						
	Sample Time	10:35						
	Sample Depth	0.0' - 0.3'						
	Laboratory	LANC						
	Lab. Number	3150387						
Constituent	Units							
Bis(2-chloroisopropyl)ether	µg/kg	<390 U						
Bis(2-ethylhexyl)phthalate	µg/kg	250 J						
Bromophenyl Phenyl Ether,4-	µg/kg	<390 U						
Butyl Benzyl Phthalate	µg/kg	<390 U						
Chloro-m-cresol,p-	µg/kg	<390 U						
Chloroaniline,4-	µg/kg	<390 U						
Chloronaphthalene,2-	µg/kg	<390 U						
Chlorophenol,2-	µg/kg	<390 U						
Chlorophenyl Phenyl Ether,4-	µg/kg	<390 U						
Chrysene	µg/kg	240 J						
Cresol,2-	µg/kg	<390 U						
Cresol,4-	µg/kg	<390 U						
Di-n-butyl Phthalate	µg/kg	<390 U						
Di-n-octyl Phthalate	µg/kg	<390 U						
Dibenzo[a,h]anthracene	µg/kg	52 J						
Dibenzofuran	µg/kg	<390 U						
Dichloro-2-butylene,1,4-trans-	µg/kg	<58 U						
Dichlorobenzidine,3,3'-	µg/kg	<780 U						
Dichlorophenol,2,4-	µg/kg	<390 U						
Dichlorophenol,2,6-	µg/kg	<390 U						
Diethyl Phthalate	µg/kg	<390 U						
Dimethyl Phthalate	µg/kg	<390 U						
Dimethylaminoazobenzene,4-	µg/kg	<390 U						
Dimethylbenzidine,3,3'-	µg/kg	<970 U						
Dimethylbenzo[a]anthracene,7,12-	µg/kg	<390 U						
Dimethylphenol,2,4-	µg/kg	<390 U						
Dinitro-o-cresol,4,6-	µg/kg	<970 U						
Dinitrobenzene,1,3-	µg/kg	<390 U						

Notes: 1. Printed on 10/06/1999

Table 7
SUMMARY OF ANALYTICAL RESULTS - SEDIMENT SAMPLES
Pratt & Whitney, Rocky Hill, Connecticut

	Location ID	RH-RSK-SD-03						
	Sample ID	1839260						
	Sample Date	05/11/1999						
	Sample Time	10:35						
	Sample Depth	0.0' - 0.3'						
	Laboratory	LANC						
	Lab. Number	3150387						
Constituent	Units							
Dinitrophenol,2,4-	µg/kg	<970 U						
Dinitrotoluene,2,4-	µg/kg	<390 U						
Dinitrotoluene,2,6-	µg/kg	<390 U						
Ethylmethanesulfonate	µg/kg	<390 U						
Fluoranthene	µg/kg	350 J						
Fluorene	µg/kg	<390 U						
Hexachlorobutadiene	µg/kg	<390 U						
Hexachloroethane	µg/kg	<390 U						
Hexachloropropylene	µg/kg	<390 U						
Indeno(1,2,3-cd)pyrene	µg/kg	230 J						
Isophorone	µg/kg	<390 U						
Isosafrole	µg/kg	<390 U						
Methapyrilene	µg/kg	<390 U						
Methyl Methanesulfonate	µg/kg	<390 U						
Methylcholanthrene,3-	µg/kg	<390 U						
Methylnaphthalene,2-	µg/kg	<390 U						
Naphthalene	µg/kg	<390 U						
Naphthoquinone,1,4-	µg/kg	<780 U R						
Naphthylamine,alpha-	µg/kg	<390 U						
Naphthylamine,beta-	µg/kg	<970 U						
Nitro-o-toluidine,5-	µg/kg	<970 U R						
Nitroaniline,2-	µg/kg	<390 U						
Nitroaniline,3-	µg/kg	<390 U						
Nitroaniline,4-	µg/kg	<390 U						
Nitrobenzene	µg/kg	<390 U						
Nitrophenol,2-	µg/kg	<390 U						
Nitrophenol,4-	µg/kg	<970 U						
Nitroquinoline-1-oxide,4-	µg/kg	<970 U						

Notes: 1. Printed on 10/06/1999

Table 7
SUMMARY OF ANALYTICAL RESULTS - SEDIMENT SAMPLES
Pratt & Whitney, Rocky Hill, Connecticut

	Location ID	RH-RSK-SD-03						
	Sample ID	1839260						
	Sample Date	05/11/1999						
	Sample Time	10:35						
	Sample Depth	0.0' - 0.3'						
	Laboratory	LANC						
	Lab. Number	3150387						
Constituent	Units							
Nitroso-di-n-butylamine,n-	µg/kg	<390 U						
Nitroso-n-propylamine,n-	µg/kg	<390 U						
Nitrosodiethylamine,n-	µg/kg	<390 U						
Nitrosodimethylamine,n-	µg/kg	<390 U						
Nitrosodiphenylamine,n-	µg/kg	<390 U						
Nitrosomethylethylamine,n-	µg/kg	<390 U						
Nitrosomorpholine,n-	µg/kg	<390 U						
Nitrosopiperidine,n-	µg/kg	<390 U						
Nitrosopyrrolidine,n-	µg/kg	<390 U						
Pentachlorophenol	µg/kg	<970 U						
Phenacetin	µg/kg	<390 U						
Phenanthrene	µg/kg	130 J						
Phenol	µg/kg	<390 U						
Phenylenediamine,1,4-	µg/kg	<7800 U R						
Picoline,2-	µg/kg	<390 U						
Pronamide	µg/kg	<970 U						
Pyrene	µg/kg	350 J						
Pyridine	µg/kg	<390 U						
Safrole	µg/kg	<390 U						
Tetrachlorobenzene,1,2,4,5-	µg/kg	<390 U						
Tetrachlorophenol,2,3,4,6-	µg/kg	<390 U						
Toluidine,o-	µg/kg	<390 U						
Trichlorophenol,2,4,5-	µg/kg	<390 U						
Trichlorophenol,2,4,6-	µg/kg	<390 U						
Triethyl Phosphorothioate,o,o,o-	µg/kg	<390 U						
Trinitrobenzene,1,3,5-	µg/kg	<780 U						
Acetone	µg/kg	<23 U						
Acetonitrile	µg/kg	<120 U R						

Notes: 1. Printed on 10/06/1999

Table 7
SUMMARY OF ANALYTICAL RESULTS - SEDIMENT SAMPLES
Pratt & Whitney, Rocky Hill, Connecticut

	Location ID	RH-RSK-SD-03						
	Sample ID	1839260						
	Sample Date	05/11/1999						
	Sample Time	10:35						
	Sample Depth	0.0' - 0.3'						
	Laboratory	LANC						
	Lab. Number	3150387						
Constituent	Units							
Acrolein	µg/kg	<120 U						
Acrylonitrile	µg/kg	<58 U						
Allyl Chloride	µg/kg	<6 U						
Benzene	µg/kg	<6 U						
Bromoform	µg/kg	<6 U						
Carbon Disulfide	µg/kg	<6 U						
Carbon Tetrachloride	µg/kg	<6 U						
Chlorobenzene	µg/kg	<6 U						
Chlorodibromomethane	µg/kg	<6 U						
Chloroethane	µg/kg	<6 U						
Chloroform	µg/kg	<6 U						
Chloroprene,beta-	µg/kg	<6 U						
Dibromomethane	µg/kg	<6 U						
Dichlorobenzene,1,2-	µg/kg	<390 U						
Dichlorobenzene,1,3-	µg/kg	<390 U						
Dichlorobenzene,1,4-	µg/kg	<390 U						
Dichlorobromomethane	µg/kg	<6 U						
Dichlorodifluoromethane	µg/kg	<6 U						
Dichloroethane,1,1-	µg/kg	<6 U						
Dichloroethane,1,2-	µg/kg	<6 U						
Dichloroethylene,1,1-	µg/kg	<6 U						
Dichloroethylene,1,2-cis-	µg/kg	<6 U						
Dichloroethylene,1,2-trans-	µg/kg	<6 U						
Dichloropropane,1,2-	µg/kg	<6 U						
Dichloropropylene,1,3-cis-	µg/kg	<6 U						
Dichloropropylene,1,3-trans-	µg/kg	<6 U						
Dioxane,1,4-	µg/kg	<290 U R						
Ethylbenzene	µg/kg	<6 U						

Notes: 1. Printed on 10/06/1999

Table 7
SUMMARY OF ANALYTICAL RESULTS - SEDIMENT SAMPLES
Pratt & Whitney, Rocky Hill, Connecticut

	Location ID	RH-RSK-SD-03						
	Sample ID	1839260						
	Sample Date	05/11/1999						
	Sample Time	10:35						
	Sample Depth	0.0' - 0.3'						
	Laboratory	LANC						
	Lab. Number	3150387						
Constituent	Units							
Ethylene Dibromide	µg/kg	<6 U						
Ethylmethacrylate	µg/kg	<6 U J						
Hexanone,2-	µg/kg	<12 U						
Iodomethane	µg/kg	<6 U						
Isobutyl Alcohol	µg/kg	<290 U R						
Methacrylonitrile	µg/kg	<58 U						
Methyl Bromide	µg/kg	<6 U						
Methyl Chloride	µg/kg	<6 U						
Methyl Ethyl Ketone	µg/kg	<12 U						
Methyl Methacrylate	µg/kg	<6 U						
Methyl-2-pentanone,4-	µg/kg	<12 U						
Methyl-tert-butyl Ether	µg/kg	<6 U						
Methylene Chloride	µg/kg	<6 U						
Pentachlorobenzene	µg/kg	<390 U						
Pentachloronitrobenzene	µg/kg	<390 U						
Propionitrile	µg/kg	<120 U R						
Styrene	µg/kg	<6 U						
Tetrachloroethane,1,1,1,2-	µg/kg	<6 U						
Tetrachloroethane,1,1,2,2-	µg/kg	<6 U						
Tetrachloroethylene	µg/kg	<6 U						
Toluene	µg/kg	<6 U						
Trichlorobenzene,1,2,4-	µg/kg	<390 U						
Trichloroethane,1,1,1-	µg/kg	<6 U						
Trichloroethane,1,1,2-	µg/kg	<6 U						
Trichloroethylene	µg/kg	<6 U						
Trichloromonofluoromethane	µg/kg	<6 U						
Trichloropropane,1,2,3-	µg/kg	<6 U						
Vinyl Acetate	µg/kg	<12 U						

Notes: 1. Printed on 10/06/1999

Table 7
SUMMARY OF ANALYTICAL RESULTS - SEDIMENT SAMPLES
Pratt & Whitney, Rocky Hill, Connecticut

	Location ID	RH-RSK-SD-03
	Sample ID	1839260
	Sample Date	05/11/1999
	Sample Time	10:35
	Sample Depth	0.0' - 0.3'
	Laboratory	LANC
	Lab. Number	3150387
Constituent	Units	
Vinyl Chloride	µg/kg	<6 U
Xylenes (Total)	µg/kg	<6 U

Notes: 1. Printed on 10/06/1999

LIST OF QUALIFIERS

Organic Qualifiers

A	Tentatively Identified Compound (TIC) is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quantitated on a diluted sample
E	Concentation exceeds the calibration range of the instrument
J	Estimated value
N	Presumptive evidence of a compound (TOCs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is < contract required detection limit CRDL, but > instrument detection limit II
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike sample not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995