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

Attachment No. 6

Summary of Surface Water Analytical Data
and
Constituents Detected in Surface Water
Environmental Indicator Determination
For
Pratt & Whitney Colt Street Facility

SURFACE WATER SAMPLING
IN SUPPORT OF
VCAP RISK ASSESSMENT

Pratt & Whitney
Colt Street
East Hartford, CT

February 1999
Revised September 1999

Prepared for

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1. SUMMARY

Surface water sampling was performed at the Pratt & Whitney, Colt Street facility in East Hartford, Connecticut in support of the Voluntary Corrective Action Plan (VCAP) Risk Assessment. The samples collected were analyzed for volatile organic compounds (VOCs), Appendix IX metals, and hexavalent chromium. Samples were analyzed for Appendix IX metals as no previous analytical data for metals was available for surface water samples which would support a more abbreviated analysis.

2. FACILITY INFORMATION

The Colt Street facility is located in East Hartford, Connecticut. The facility occupies approximately 12 acres and lies to the west of the Main Street facility and east of the Connecticut River. The Colt Street facility maintains an industrial wastewater treatment system, which receives wastewater via a pipeline from the Main Street facility in East Hartford, and discharges treated wastewater to the Connecticut River.

3. METHODOLOGY

Four surface water samples from two locations were collected during these investigations from the site. Specifically the surface water samples were collected on February 17 and February 25, 1999. The samples were collected using disposable sampling equipment and placed into laboratory-supplied glassware. The samples were collected in a downstream to upstream progression to eliminate the potential for sediment disruption to impact the surface water samples.

The sample collection equipment was disposed of after each sampling location. The samples collected were placed in an ice-filled cooler and submitted to Lancaster Laboratories, Lancaster, PA for analysis under chain-of-custody procedures. The collected samples were analyzed for VOCs, Appendix IX metals (Sb, As, Ba, Be, Cd, Cr, Co, Cu, Pb, Hg, Ni, Se, Ag, Th, Sn, V, and Zn) and hexavalent chromium. All sample locations are shown on the Site Plan in Attachment No. 2.

4. RESULTS

A summary of all analytical results is provided in Table 1. A summary of the constituents detected is provided in Table 2. The metals detected in at least one sample and the maximum concentration detected are as follows: arsenic (0.0017 mg/l); barium (0.0254 mg/l); cadmium

(0.0021 mg/l); chromium (0.010 mg/l); hexavalent chromium (0.031 mg/l); copper (0.0089 mg/l); mercury (0.000049 mg/l); nickel (0.0111 mg/l); and zinc (0.055 mg/l).

The VOCs detected in at least one sample and the maximum concentration detected are as follows: chloroform (2J μg/l); 1,1-dichloroethylene (3J μg/l); cis 1,2-dichloroethylene (18 μg/l); methyl-tert-butyl ether (2J μg/l); tetrachloroethylene (5J μg/l); 1,1,1-trichloroethane (12 μg/l); trichloroethylene (26 μg/l). The qualifier J denotes an estimated concentration below the detection limit.

With the exception of those constituents noted below, constituents were not detected in surface water at concentrations above the numeric criteria published in the Gradient Report.

The exceptions are for zinc, hexavalent chromium, 1,1-dichloroethylene, cis-1,2-dichloroethylene, 1,1,1-trichloroethane, and trichloroethylene. With regard to zinc, a single sample collected at CS-RSK-SW-01 contained this constituent at a concentration of 0.055 mg/l in comparison to the screening level value of 0.020 mg/l in Table 3-6 of the Gradient Report. The screening level value in Table 3-6 of the Gradient Report is the higher of the project-specific practical quantitation limit and the aquatic life criteria protective of chronic health effects. However, in 1997, the DEP revised the aquatic life criteria for surface waters. As a result, the current aquatic life criteria protective of chronic health effects is 0.0582 mg/l, above the 0.020 practical quantitation limit and the 0.055 mg/l concentration detected in CS-RSK-SW-01. As the aquatic life criteria protective of chronic health effects is currently 0.0582 mg/l, this is the standard to which the surface water data has been compared. As the concentration of zinc detected in CS-RSK-SW-01 does not exceed the current aquatic life criteria protective of chronic health effects, additional evaluation of the data is not necessary with regard to assessing potential exposures to offsite recreators at the Colt Street facility.

With regard to hexavalent chromium, the sample collected at CS-RSK-SW-01 contained this constituent at a concentration of 0.020 mg/l in comparison to the screening level value of 0.010 mg/l in Table 3-6 of the Gradient Report. The sample collected at CS-RSK-SW-02, upstream of CS-RSK-SW-01, contained this constituent at a concentration of 0.031 mg/l. It should be noted that hexavalent chromium has been detected in samples collected at points located on the Pratt & Whitney Main Plant facility which discharge to Willow Brook at points upstream of the Colt Street facility. As the sample collected in the upstream portion of Willow Brook (CS-RSK-SW-02) contained a higher concentration of hexavalent chromium and hexavalent chromium has been detected in samples collected at points located on the Pratt & Whitney Main Plant facility which discharge to Willow Brook, it is concluded that the likely source of hexavalent chromium is

upstream of the Colt Street facility and additional evaluation of the data relative to the Colt Street facility is not necessary.

With regard to the volatile organic compounds detected (1,1-dichloroethylene, cis-1,2-dichloroethylene, 1,1,1-trichloroethane, and trichloroethylene), each of the compounds was detected at nearly the same concentration in both surface water samples (Attachment No. 6). Groundwater analytical data for the Colt Street facility indicates the presence of only cis-1,2-dichloroethylene, but at concentrations below that detected in surface water. None of the other volatile organic compounds detected in surface water have been detected in groundwater samples from the Colt Street facility during the previous four years. From the data, it is concluded that the likely source of the VOCs is upstream of the Colt Street facility. Additionally, site specific criteria based on the assumptions provided in Attachment No. 6 have been developed. A review of the data for VOCs indicate no exceedances of these site-specific criteria and therefore, no further evaluation of the data relative to the Colt Street Facility is necessary.

TABLES

Table 1
SUMMARY OF ANALYTICAL RESULTS FOR SURFACE WATER
P&W East Hartford Colt Street

	Location ID	CS-RSK-SW-01	CS-RSK-SW-01	CS-RSK-SW-02	CS-RSK-SW-02			
	Sample ID	1835340	1835579	1835341	1835580			
	Sample Date	02/17/1999	02/25/1999	02/17/1999	02/25/1999			
	Sample Time	14:10	10:55	14:35	11:05			
	Laboratory	LANC	AEL	LANC	AEL			
	Lab. Number	3093457	AEL99001796	3093458	AEL99001797			
Constituent	Units							
Date Metals Analyzed	-		02/25/1999		02/25/1999			
Antimony	mg/l	<0.0053		<0.0053				
Arsenic	mg/l	<0.0010		0.0017 J				
Barium	mg/l	0.0254 J		0.0251 J				
Beryllium	mg/l	<0.0017		<0.0017				
Cadmium	mg/l	0.0021		<0.00063				
Chromium	mg/l	0.040		0.040				
Chromium (Hexavalent)	mg/L		0.020		0.031			
Cobalt	mg/l	<0.0055		<0.0055				
Copper	mg/l	0.0089 J		0.0086 J				
Lead	mg/l	<0.0019		<0.0019				
Mercury	mg/l	0.000049 J		<0.00004				
Nickel	mg/l	0.0099 J		0.0111 J				
Selenium	mg/l	<0.0016		<0.0016				
Silver	mg/l	<0.0057		<0.0057				
Thallium	mg/l	<0.0012		<0.0012				
Tin	mg/l	<0.032		<0.032				
Vanadium	mg/l	<0.0028		<0.0028				
Zinc	mg/l	0.055		0.0198 J				
Dibromo-3-chloropropane,1,2-	µg/l	<3 U		<3 U				
Dichloro-2-butylene,1,4-trans-	µg/l	<15 U		<15 U				
Acetone	µg/l	<6 U		<6 U				
Acetonitrile	µg/l	<25 U		<25 U				
Acrolein	µg/l	<40 U		<40 U				
Acrylonitrile	µg/l	<10 U		<10 U				
Allyl Chloride	µg/l	<1 U		<1 U				
Benzene	µg/l	<1 U		<1 U				
Bromoform	µg/l	<1 U		<1 U				
Carbon Disulfide	µg/l	<3 U		<3 U				

Notes: 1. Printed on 02/26/99

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Table 1
SUMMARY OF ANALYTICAL RESULTS FOR SURFACE WATER
P&W East Hartford Colt Street

	Location ID	CS-RSK-SW-01	CS-RSK-SW-01	CS-RSK-SW-02	CS-RSK-SW-02			
	Sample ID	1835340	1835579	1835341	1835580			
	Sample Date	02/17/1999	02/25/1999	02/17/1999	02/25/1999			
	Sample Time	14:10	10:55	14:35	11:05			
	Laboratory	LANC	AEL	LANC	AEL			
	Lab. Number	3093457	AEL99001796	3093458	AEL99001797			
Constituent	Units							
Carbon Tetrachloride	µg/l	<1 U		<1 U				
Chlorobenzene	µg/l	<1 U		<1 U				
Chlorodibromomethane	µg/l	<2 U		<2 U				
Chloroethane	µg/l	<3 U		<3 U				
Chloroform	µg/l	2 J		2 J				
Dibromomethane	µg/l	<1 U		<1 U				
Dichlorobromomethane	µg/l	<1 U		<1 U				
Dichloroethane,1,1-	µg/l	<2 U		<2 U				
Dichloroethane,1,2-	µg/l	<2 U		<2 U				
Dichloroethylene,1,1-	µg/l	2 J		3 J				
Dichloroethylene,1,2-cis-	µg/l	15		18				
Dichloroethylene,1,2-trans-	µg/l	<2 U		<2 U				
Dichlorofluoromethane.	µg/l	<2 U		<2 U				
Dichloropropane,1,2-	µg/l	<1 U		<1 U				
Dichloropropylene,1,3-cis-	µg/l	<1 U		<1 U				
Dichloropropylene,1,3-trans-	µg/l	<1 U		<1 U				
Dioxane,1,4-	µg/l	<70 U		<70 U				
Ethyl Methacrylate	µg/l	<1 U		<1 U				
Ethylbenzene	µg/l	<2 U		<2 U				
Ethylene Dibromide	µg/l	<1 U		<1 U				
Hexanone,2-	µg/l	<7 U		<7 U				
Iodomethane	µg/l	<1 U		<1 U				
Isobutyl Alcohol	µg/l	<100 U		<100 U				
Methacrylonitrile	µg/l	<10 U		<10 U				
Methyl Bromide	µg/l	<3 U		<3 U				
Methyl Chloride	µg/l	<3 U		<3 U				
Methyl Ethyl Ketone	µg/l	<3 U		<3 U				
Methyl Methacrylate	µg/l	<1 U		<1 U				
Methyl-2-pentanone,4-	µg/l	<5 U		<5 U				

Notes: 1. Printed on 02/26/99

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Table 1
SUMMARY OF ANALYTICAL RESULTS FOR SURFACE WATER
P&W East Hartford Colt Street

	Location ID	CS-RSK-SW-01	CS-RSK-SW-01	CS-RSK-SW-02	CS-RSK-SW-02			
	Sample ID	1835340	1835579	1835341	1835580			
	Sample Date	02/17/1999	02/25/1999	02/17/1999	02/25/1999			
	Sample Time	14:10	10:55	14:35	11:05			
	Laboratory	LANC	AEL	LANC	AEL			
	Lab. Number	3093457	AEL99001796	3093458	AEL99001797			
Constituent	Units							
Methyl-tert-butyl Ether	µg/l	<2 U		2 J				
Methylene Chloride	µg/l	<2 U		<2 U				
Propionitrile	µg/l	<30 U		<30 U				
Styrene	µg/l	<1 U		<1 U				
Tetrachloroethane,1,1,1,2-	µg/l	<1 U		<1 U				
Tetrachloroethane,1,1,2,2-	µg/l	<2 U		<2 U				
Tetrachloroethylene	µg/l	4 J		5 J				
Toluene	µg/l	<2 U		<2 U				
Trichloroethane,1,1,1-	µg/l	10		12				
Trichloroethane,1,1,2-	µg/l	<2 U		<2 U				
Trichloroethylene	µg/l	21		26				
Trichloromonofluoromethane	µg/l	<2 U		<2 U				
Trichloropropane,1,2,3-	µg/l	<1 U		<1 U				
Vinyl Acetate	µg/l	<2 U		<2 U				
Vinyl Chloride	µg/l	<2 U		<2 U				
Xylenes (Total)	µg/l	<1 U		<1 U				

Notes: 1. Printed on 02/26/99

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Table 2
SUMMARY OF CONSTITUENTS DETECTED IN SURFACE WATER
P&W East Hartford Colt Street

	Location ID	CS-RSK-SW-01	CS-RSK-SW-01	CS-RSK-SW-02	CS-RSK-SW-02			
	Sample ID	1835340	1835579	1835341	1835580			
	Sample Date	02/17/1999	02/25/1999	02/17/1999	02/25/1999			
	Sample Time	14:10	10:55	14:35	11:05			
	Laboratory	LANC	AEL	LANC	AEL			
	Lab. Number	3093457	AEL99001796	3093458	AEL99001797			
Constituent	Units							
Date Metals Analyzed	-		02/25/1999		02/25/1999			
Arsenic	mg/l			0.0017 J				
Barium	mg/l	0.0254 J		0.0251 J				
Cadmium	mg/l	0.0021						
Chromium	mg/l	0.040		0.040				
Chromium (Hexavalent)	mg/L		0.020		0.031			
Copper	mg/l	0.0089 J		0.0086 J				
Mercury	mg/l	0.000049 J						
Nickel	mg/l	0.0099 J		0.0111 J				
Zinc	mg/l	0.055		0.0198 J				
Chloroform	µg/l	2 J		2 J				
Dichloroethylene,1,1-	µg/l	2 J		3 J				
Dichloroethylene,1,2-cis-	µg/l	15		18				
Methyl-tert-butyl Ether	µg/l			2 J				
Tetrachloroethylene	µg/l	4 J		5 J				
Trichloroethane,1,1,1-	µg/l	10		12				
Trichloroethylene	µg/l	21		26				

Notes: 1. Only Detects Shown
2. Printed on 02/26/99

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Attachment No. 7

Summary of Sediment Analytical Data
and
Constituents Detected in Sediment
Environmental Indicator Determination
For
Pratt & Whitney Colt Street Facility

SEDIMENT SAMPLING
IN SUPPORT OF
VCAP RISK ASSESSMENT

Pratt & Whitney
Colt Street
East Hartford, CT

February 1999
Revised September 1999

Prepared for

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1. SUMMARY

Sediment sampling was performed at the Pratt & Whitney, Colt Street facility in East Hartford, Connecticut in support of the Voluntary Corrective Action Plan (VCAP) Risk Assessment. The samples collected were analyzed for one or a combination of volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), Appendix IX metals, total petroleum hydrocarbons (TPH) and polychlorinated biphenyls (PCBs). Samples were analyzed for Appendix IX metals as no previous analytical data for metals was available for sediment samples which would support a more abbreviated analysis.

2. FACILITY INFORMATION

The Colt Street facility is located in East Hartford, Connecticut. The facility occupies approximately 12 acres and lies to the west of the Main Street facility and east of the Connecticut River. The Colt Street facility maintains an industrial wastewater treatment system, which receives wastewater via a pipeline from the Main Street facility in East Hartford, and discharges treated wastewater to the Connecticut River.

3. METHODOLOGY

As part of the comprehensive risk assessment sampling activities, a total of 15 sediment samples have been collected. These samples were collected from 10 locations (1 a duplicate pair) within Willow Brook and four locations along the bank northwest of the former impoundments. The four sediment samples collected along the bank of Willow Brook were selected to assess sediment quality in the area likely to have been impacted by a breach of the former impoundments which reportedly occurred in June 1984. The location of each sampling point is provided on the Site Plan in Attachment No. 2. The 15 sediment samples, identified as CS-SD-60 through CS-SD-66, CS-RSK-SD-01 through CS-RSK-SD-04, and CS-RSK-SS-11 through CS-RSK-SS-14 were collected in two separate sampling events. Specifically, CS-SD-60 through CS-SD-66 were collected on January 15, 1998. Sediment samples CS-RSK-SD-01 through CS-RSK-SD-04 and CS-RSK-SS-11 through CS-RSK-SS-14 were collected on February 2, 1999.

The samples were collected from the upper 6-inches of sediment using a hand-driven piston sampler containing a disposable plastic liner. The new plastic liner was used for each sampling location. Samples were placed directly into laboratory-supplied glassware. Sampling was performed at an adequate number of locations throughout Willow Brook and along the bank of Willow Brook to assess off-site recreator exposure areas.

The samples collected were placed in an ice-filled cooler and submitted to Lancaster Laboratories, Lancaster, PA for analysis under chain-of-custody procedures. The collected samples were analyzed for VOCs, SVOCs, Appendix IX metals, TPH and PCBs. In addition, one trip blank, and one performance evaluation sample were collected for quality assurance/quality control (QA/QC) purposes during the February 1999 sampling event.

4. RESULTS

A summary of all analytical results is provided in Table 1. A summary of the constituents detected is provided in Table 2. The metals detected in at least one sample and the maximum concentration detected for each metal analyzed were as follows: arsenic (6.6 mg/kg); barium (294 mg/kg); beryllium (1.6 mg/kg), cadmium (4.0 mg/kg); chromium (360 mg/kg); cobalt (19.8 mg/kg), copper (123 mg/kg); lead (0.166 mg/kg); mercury (0.11 mg/kg); nickel (142 mg/kg); selenium (2.2 mg/kg); silver (3.1 mg/kg); thallium (0.69 mg/kg), tin (one sample at 11.9 mg/kg), vanadium (83.7 mg/kg), and zinc (169 mg/kg).

PCB concentrations ranged from non detectable levels up to 7,700 μg/kg. The highest total PCB concentration (7,700 μg/kg) was observed at location CS-RSK-SD-03. The TPH concentrations ranged from non-detectable levels to 256 mg/kg. The SVOCs detected in at least one sample and the maximum concentration detected for each were as follows: acenapthene (a single sample at 120J μg/kg); acenapthylene (in a single sample at 160J μg/kg), anthracene (in a single sample at 310 μg/kg), benzo(a)anthracene (1,200 μg/kg); benzo(a)pyrene (1,400 μg/kg); benzo(b)fluoranthene (2,000 μg/kg); benzo(ghi)perylene (900 μg/kg), benzo(k)fluoranthene (680 μg/kg); bis(2-chloroethyl)ether (830 μg/kg), bis(2-ethylhexyl)phthalate (710 μg/kg), chrysene (1,600 μg/kg); di-n-butyl phthalate (in a single sample at 130J μg/kg), dibenzo(a,h)anthracene (in a single sample at 280 μg/kg), dibenzofuran (in a single sample at 71 μg/kg), fluoranthene (2,200 μg/kg); fluorene (in a single sample at 83J μg/kg), indeno(1,2,3-cd)pyrene (1,100 μg/kg), 2-methlnaphthalene (in a single sample at 56J μg/kg), naphthalene (in a a single sample at 76J μg kg), phenanthrene (1,400 μg/kg); pyrene (2,400 μg/kg).

Volatile organic compounds which were detected in at least one sample and the maximum concentration detected are as follows: dichlorodifluoromethane (10 μg/kg), and ethylbenzene (in a single sample at 2J μg/kg). The qualifier J denotes an estimated concentration below the detection limit.

The trip blank sample was submitted for analysis with this data set. No volatile organic compounds were detected in the trip blank sample.

One performance evaluation sample for each suite of compounds was also submitted for analysis along with the soil samples collected. With regard to VOCs, six compounds (acetone, benzene, dichlorobromomethane, 1,1-dichloroethylene, methylene chloride, and 1,1,1-trichloroethane) were reported outside the vendor-specified acceptance limits. None of these compounds were detected in any of the sediment samples analyzed. With regard to metals, five (antimony, arsenic, beryllium, silver, and tin) were reported outside the vendor-specified acceptance limits. Of these five compounds, four (arsenic, beryllium, tin and silver) were detected in at least on sediment sample. As a result, the data for those compounds will be qualified as estimated concentrations. The results for SVOCs, PCBs and TPH were reported within the vendor specified ranges.

The sediment data have been compared to the numeric criteria published in Table 3-10 of the Gradient report. The table is titled *Generic P&W Soil Screening Levels (SSLs) based on Soil Ingestion and Dermal Contact (mg/kg) P&W VCAP, Connecticut Facilities.* The sampling is determined adequate to assess the quality of sediment in those areas likely to be encountered by an offsite recreator and constituents were not detected in sediment in Willow Brook or in the four samples collected from the bank northwest of the former impoundments at concentrations above the numeric criteria published in the above referenced table.

TABLES

Table 1
SUMMARY OF ANALYTICAL RESULTS FOR SEDIMENT
P&W East Hartford Colt Street

	Location ID	CS-RSK-SD-01	CS-RSK-SD-02	CS-RSK-SD-03	CS-RSK-SD-04	CS-RSK-SS-11	CS-RSK-SS-12	CS-RSK-SS-13
	Sample ID	1834646	1834649	1834653	1834652	1834647	1834648	1834650
	Sample Date	02/03/1999	02/03/1999	02/03/1999	02/03/1999	02/03/1999	02/03/1999	02/03/1999
	Sample Time	12:45	13:30	14:45	15:30	13:05	13:15	13:40
	Laboratory	LANC	LANC	LANC	LANC	LANC	LANC	LANC
	Lab. Number	3085607	3085610	3085614	3085613	3085608	3085609	3085611
Constituent	Units							
Date Metals Analyzed	-	02/09/1999	02/09/1999	02/09/1999	02/09/1999	02/09/1999	02/09/1999	02/09/1999
Date Organics Analyzed	-	02/05/1999	02/05/1999	02/05/1999	02/05/1999	02/05/1999	02/05/1999	02/05/1999
Date PCBs Analyzed	-	02/11/1999	02/12/1999	02/12/1999	02/12/1999	02/12/1999	02/12/1999	02/12/1999
Date Physical Analyzed	-	02/11/1999	02/12/1999	02/12/1999	02/12/1999	02/11/1999	02/12/1999	02/12/1999
Date Semi-volatile Organics Analyzed	-	02/09/1999	02/10/1999	02/10/1999	02/10/1999	02/09/1999	02/10/1999	02/10/1999
Diallate	µg/kg	<500 U	<550 U	<520 U	<500 U	<470 U	<400 U	<370 U
Antimony	mg/kg	<29.5 U	<32.3 U	<30.7 U	<28.9 U	<28.3 U	<23.7 U	<22.2 U
Arsenic	mg/kg	1.9 B	6.6 F	3.8 F	2.5 B	2.7 B	2.4 F	1.9 B
Barium	mg/kg	33.6 P	294 P	88.7 P	81.0 P	43.1 P	31.9 P	21.9 P
Beryllium	mg/kg	0.33 B	1.6 P	0.56 P	0.77 P	0.33 B	0.37 P	0.26 B
Cadmium	mg/kg	1.0 P	<0.16 U	4.0 P	3.4 P	<0.14 U	<0.12 U	<0.11 U
Chromium	mg/kg	46.7 P	60.1 P	360 P	44.3 P	12.2 P	19.5 P	8.8 P
Cobalt	mg/kg	5.8 B	26.5 P	19.8 P	11.6 P	6.7 B	6.6 P	4.6 B
Copper	mg/kg	36.7 P	54.2 P	123 P	28.4 P	11.9 P	15.4 P	10.7 P
Lead	mg/kg	0.0277 S	0.0171 S	0.166 S	0.0115 S	0.0103 S	0.0120 S	0.0053 S
Mercury	mg/kg	0.16 C	<0.16 U	0.97 C	0.043 B	0.058 B	0.11 B	0.011 B
Nickel	mg/kg	32.2 *	59.1 *	142 *	48.9 *	13.2 *	19.2 *	10.6 *
Selenium	mg/kg	0.76 B	2.2 B	1.6 S	2.3 S	0.71 B	1.0 B	0.68 B
Silver	mg/kg	3.1 P	<3.2 U	15.6 P	<2.9 U	<2.8 U	<2.4 U	<2.2 U
Thallium	mg/kg	<3.0 U	0.69 B	<3.0 U	0.28 B	<2.8 U	<2.4 U	<2.2 U
Tin	mg/kg	<36.9 U	<40.4 U	11.9 B	<36.1 U	<35.4 U	<29.6 U	<27.7 U
Vanadium	mg/kg	21.8 P	83.7 P	42.4 P	38.6 P	17.5 P	21.3 P	13.0 P
Zinc	mg/kg	52.4 P	133 P	169 P	79.1 P	31.9 P	39.4 P	25.9 P
PCB 1016	µg/kg	<250 U	<55 U	<5100 U	<49 U	<47 U	<40 U	<37 U
PCB 1221	µg/kg	<500 U	<110 U	<10000 U	<100 U	<95 U	<81 U	<75 U
PCB 1232	µg/kg	<250 U	<55 U	<5100 U	<49 U	<47 U	<40 U	<37 U
PCB 1242	µg/kg	<250 U	<55 U	<5100 U	<49 U	<47 U	<40 U	<37 U
PCB 1248	µg/kg	<250 U	<55 U	<5100 U	<49 U	<47 U	<40 U	<37 U
PCB 1254	µg/kg	640	<55 U	3800 J	<49 U	<47 U	<40 U	<37 U

Notes: 1. Printed on 02/26/99

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Table 1
SUMMARY OF ANALYTICAL RESULTS FOR SEDIMENT
P&W East Hartford Colt Street

	Location ID	CS-RSK-SD-01	CS-RSK-SD-02	CS-RSK-SD-03	CS-RSK-SD-04	CS-RSK-SS-11	CS-RSK-SS-12	CS-RSK-SS-13
	Sample ID	1834646	1834649	1834653	1834652	1834647	1834648	1834650
	Sample Date	02/03/1999	02/03/1999	02/03/1999	02/03/1999	02/03/1999	02/03/1999	02/03/1999
	Sample Time	12:45	13:30	14:45	15:30	13:05	13:15	13:40
	Laboratory	LANC	LANC	LANC	LANC	LANC	LANC	LANC
	Lab. Number	3085607	3085610	3085614	3085613	3085608	3085609	3085611
Constituent	Units							
PCB 1260	µg/kg	<250 U	20 J	3900 J	86 P	19 J	50 P	<37 U
Acetylaminofluorene,2-	µg/kg	<500 U	<550 U	<520 U	<500 U	<470 U	<400 U	<370 U
Chlorobenzilate	µg/kg	<500 U	<550 U	<520 U	<500 U	<470 U	<400 U	<370 U
Dibromo-3-chloropropane,1,2-	µg/kg	<8 U	<8 U	<8 U	<7 U	<7 U	<6 U	<6 U
Dimethoate	µg/kg	<500 U	<550 U	<520 U	<500 U	<470 U	<400 U	<370 U
Hexachlorobenzene	µg/kg	<500 U	<550 U	<520 U	<500 U	<470 U	<400 U	<370 U
Hexachlorocyclopentadiene	µg/kg	<1000 U	<1100 U	<1000 U	<990 U	<940 U	<810 U	<750 U
Isodrin	µg/kg	<1000 U	<1100 U	<1000 U	<990 U	<940 U	<810 U	<750 U
Tetraethyl Dithiopyrophosphate	µg/kg	<500 U	<550 U	<520 U	<500 U	<470 U	<400 U	<370 U
Thionazin	µg/kg	<1000 U	<1100 U	<1000 U	<990 U	<940 U	<810 U	<750 U
Total Petroleum Hydrocarbons	mg/kg	40 J	<67 U	256	<59 U	24 J	<48 U	<45 U
Acenaphthene	µg/kg	<500 U	<550 U	120 J	<500 U	<470 U	<400 U	<370 U
Acenaphthylene	µg/kg	<500 U	<550 U	160 J	<500 U	<470 U	<400 U	<370 U
Acetophenone	µg/kg	<500 U	<550 U	<520 U	<500 U	<470 U	<400 U	<370 U
Aminobiphenyl,4-	µg/kg	<1300 U	<1400 U	<1300 U	<1200 U	<1200 U	<1000 U	<930 U
Aniline	µg/kg	<500 U	<550 U	<520 U	<500 U	<470 U	<400 U	<370 U
Anthracene	µg/kg	63 J	<550 U	310 J	<500 U	<470 U	<400 U	<370 U
Benzo[a]anthracene	µg/kg	300 J	<550 U	1200	<500 U	<470 U	<400 U	<370 U
Benzo[a]pyrene	µg/kg	370 J	<550 U	1400	<500 U	<470 U	41 J	<370 U
Benzo[b]fluoranthene	µg/kg	640	<550 U	2000	100 J	72 J	72 J	<370 U
Benzo[ghi]perylene	µg/kg	370 J	<550 U	900	<500 U	<470 U	<400 U	<370 U
Benzo[k]fluoranthene	µg/kg	210 J	<550 U	680	<500 U	<470 U	<400 U	<370 U
Benzyl Alcohol	µg/kg	<1300 U	<1400 U	<1300 U	<1200 U	<1200 U	<1000 U	<930 U
Bis(2-chloroethoxy)methane	µg/kg	<500 U	<550 U	<520 U	<500 U	<470 U	<400 U	<370 U
Bis(2-chloroethyl) Ether	µg/kg	<500 U	<550 U	<520 U	<500 U	830	<400 U	<370 U
Bis(2-chloroisopropyl) Ether	µg/kg	<500 U	<550 U	<520 U	<500 U	<470 U	<400 U	<370 U
Bis(2-ethylhexyl) Phthalate	µg/kg	220 J	150 J	710	<500 U	<470 U	<400 U	<370 U
Bromophenyl Phenyl Ether,4-	µg/kg	<500 U	<550 U	<520 U	<500 U	<470 U	<400 U	<370 U
Butyl Benzyl Phthalate	µg/kg	<500 U	<550 U	<520 U	<500 U	<470 U	<400 U	<370 U

Notes: 1. Printed on 02/26/99

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Table 1
SUMMARY OF ANALYTICAL RESULTS FOR SEDIMENT
P&W East Hartford Colt Street

	Location ID	CS-RSK-SD-01	CS-RSK-SD-02	CS-RSK-SD-03	CS-RSK-SD-04	CS-RSK-SS-11	CS-RSK-SS-12	CS-RSK-SS-13
	Sample ID	1834646	1834649	1834653	1834652	1834647	1834648	1834650
	Sample Date	02/03/1999	02/03/1999	02/03/1999	02/03/1999	02/03/1999	02/03/1999	02/03/1999
	Sample Time	12:45	13:30	14:45	15:30	13:05	13:15	13:40
	Laboratory	LANC	LANC	LANC	LANC	LANC	LANC	LANC
	Lab. Number	3085607	3085610	3085614	3085613	3085608	3085609	3085611
Constituent	Units							
Chloro-m-cresol,p-	µg/kg	<500 U	<550 U	<520 U	<500 U	<470 U	<400 U	<370 U
Chloroaniline,4-	µg/kg	<500 U	<550 U	<520 U	<500 U	<470 U	<400 U	<370 U
Chloronaphthalene,2-	µg/kg	<500 U	<550 U	<520 U	<500 U	<470 U	<400 U	<370 U
Chlorophenol,2-	µg/kg	<500 U	<550 U	<520 U	<500 U	<470 U	<400 U	<370 U
Chlorophenyl Phenyl Ether,4-	µg/kg	<500 U	<550 U	<520 U	<500 U	<470 U	<400 U	<370 U
Chrysene	µg/kg	510	<550 U	1600	66 J	58 J	55 J	<370 U
Cresol,2-	µg/kg	<500 U	<550 U	<520 U	<500 U	<470 U	<400 U	<370 U
Cresol,4-	µg/kg	<500 U	<550 U	<520 U	<500 U	<470 U	<400 U	<370 U
Di-n-butyl Phthalate	µg/kg	<500 U	<550 U	130 J	<500 U	<470 U	<400 U	<370 U
Di-n-octyl Phthalate	µg/kg	<500 U	<550 U	<520 U	<500 U	<470 U	<400 U	<370 U
Dibenzo[a,h]anthracene	µg/kg	86 J	<550 U	280 J	<500 U	<470 U	<400 U	<370 U
Dibenzofuran	µg/kg	<500 U	<550 U	71 J	<500 U	<470 U	<400 U	<370 U
Dichloro-2-butylene,1,4-trans-	µg/kg	<75 U	<83 U	<78 U	<74 U	<7 U	<60 U	<56 U
Dichlorobenzidine,3,3'-	µg/kg	<1000 U	<1100 U	<1000 U	<990 U	<940 U	<810 U	<750 U
Dichlorophenol,2,4-	µg/kg	<500 U	<550 U	<520 U	<500 U	<470 U	<400 U	<370 U
Dichlorophenol,2,6-	µg/kg	<500 U	<550 U	<520 U	<500 U	<470 U	<400 U	<370 U
Diethyl Phthalate	µg/kg	<500 U	<550 U	<520 U	<500 U	<470 U	<400 U	<370 U
Dimethyl Phthalate	µg/kg	<500 U	<550 U	<520 U	<500 U	<470 U	<400 U	<370 U
Dimethylaminoazobenzene,4-	µg/kg	<500 U	<550 U	<520 U	<500 U	<470 U	<400 U	<370 U
Dimethylbenzidine,3,3'-	µg/kg	<1300 U	<1400 U	<1300 U	<1200 U	<1200 U	<1000 U	<930 U
Dimethylbenzo[a]anthracene,7,12-	µg/kg	<500 U	<550 U	<520 U	<500 U	<470 U	<400 U	<370 U
Dimethylphenol,2,4-	µg/kg	<500 U	<550 U	<520 U	<500 U	<470 U	<400 U	<370 U
Dinitro-o-cresol,4,6-	µg/kg	<1300 U	<1400 U	<1300 U	<1200 U	<1200 U	<1000 U	<930 U
Dinitrobenzene,1,3-	µg/kg	<500 U	<550 U	<520 U	<500 U	<470 U	<400 U	<370 U
Dinitrophenol,2,4-	µg/kg	<1300 U	<1400 U	<1300 U	<1200 U	<1200 U	<1000 U	<930 U
Dinitrotoluene,2,4-	µg/kg	<500 U	<550 U	<520 U	<500 U	<470 U	<400 U	<370 U
Dinitrotoluene,2,6-	µg/kg	<500 U	<550 U	<520 U	<500 U	<470 U	<400 U	<370 U
Ethyl Methanesulfonate	µg/kg	<500 U	<550 U	<520 U	<500 U	<470 U	<400 U	<370 U
Fluoranthene	µg/kg	740	<550 U	2200	94 J	98 J	75 J	<370 U

Notes: 1. Printed on 02/26/99

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Table 1
SUMMARY OF ANALYTICAL RESULTS FOR SEDIMENT
P&W East Hartford Colt Street

	Location ID	CS-RSK-SD-01	CS-RSK-SD-02	CS-RSK-SD-03	CS-RSK-SD-04	CS-RSK-SS-11	CS-RSK-SS-12	CS-RSK-SS-13
	Sample ID	1834646	1834649	1834653	1834652	1834647	1834648	1834650
	Sample Date	02/03/1999	02/03/1999	02/03/1999	02/03/1999	02/03/1999	02/03/1999	02/03/1999
	Sample Time	12:45	13:30	14:45	15:30	13:05	13:15	13:40
	Laboratory	LANC	LANC	LANC	LANC	LANC	LANC	LANC
	Lab. Number	3085607	3085610	3085614	3085613	3085608	3085609	3085611
Constituent	Units							
Fluorene	µg/kg	<500 U	<550 U	83 J	<500 U	<470 U	<400 U	<370 U
Hexachlorobutadiene	µg/kg	<500 U	<550 U	<520 U	<500 U	<470 U	<400 U	<370 U
Hexachloroethane	µg/kg	<500 U	<550 U	<520 U	<500 U	<470 U	<400 U	<370 U
Hexachloropropylene	µg/kg	<500 U	<550 U	<520 U	<500 U	<470 U	<400 U	<370 U
Indeno(1,2,3-cd)pyrene	µg/kg	400 J	<550 U	1100	58 J	<470 U	<400 U	<370 U
Isophorone	µg/kg	<500 U	<550 U	<520 U	<500 U	<470 U	<400 U	<370 U
Isosafrole	µg/kg	<500 U	<550 U	<520 U	<500 U	<470 U	<400 U	<370 U
Methapyrilene	µg/kg	<500 U	<550 U	<520 U	<500 U	<470 U	<400 U	<370 U
Methyl Methanesulfonate	µg/kg	<500 U	<550 U	<520 U	<500 U	<470 U	<400 U	<370 U
Methylcholanthrene,3-	µg/kg	<500 U	<550 U	<520 U	<500 U	<470 U	<400 U	<370 U
Methylnaphthalene,2-	µg/kg	<500 U	<550 U	56 J	<500 U	<470 U	<400 U	<370 U
N-nitroso-di-n-butylamine	µg/kg	<500 U	<550 U	<520 U	<500 U	<470 U	<400 U	<370 U
N-nitroso-n-propylamine	µg/kg	<500 U	<550 U	<520 U	<500 U	<470 U	<400 U	<370 U
N-nitrosodiethylamine	µg/kg	<500 U	<550 U	<520 U	<500 U	<470 U	<400 U	<370 U
N-nitrosodimethylamine	µg/kg	<500 U	<550 U	<520 U	<500 U	<470 U	<400 U	<370 U
N-nitrosodiphenylamine	µg/kg	<500 U	<550 U	<520 U	<500 U	<470 U	<400 U	<370 U
N-nitrosomethylethylamine	µg/kg	<500 U	<550 U	<520 U	<500 U	<470 U	<400 U	<370 U
N-nitrosomorpholine	µg/kg	<500 U	<550 U	<520 U	<500 U	<470 U	<400 U	<370 U
N-nitrosopiperidine	µg/kg	<500 U	<550 U	<520 U	<500 U	<470 U	<400 U	<370 U
Naphthalene	µg/kg	<500 U	<550 U	76 J	<500 U	<470 U	<400 U	<370 U
Naphthoquinone,1,4-	µg/kg	<1000 U	<1100 U	<1000 U	<990 U	<940 U	<810 U	<750 U
Naphthylamine,alpha-	µg/kg	<500 U	<550 U	<520 U	<500 U	<470 U	<400 U	<370 U
Naphthylamine,beta-	µg/kg	<1300 U	<1400 U	<1300 U	<1200 U	<1200 U	<1000 U	<930 U
Nitro-o-toluidine,5-	µg/kg	<1300 U	<1400 U	<1300 U	<1200 U	<1200 U	<1000 U	<930 U
Nitroaniline,2-	µg/kg	<500 U	<550 U	<520 U	<500 U	<470 U	<400 U	<370 U
Nitroaniline,3-	µg/kg	<500 U	<550 U	<520 U	<500 U	<470 U	<400 U	<370 U
Nitroaniline,4-	µg/kg	<500 U	<550 U	<520 U	<500 U	<470 U	<400 U	<370 U
Nitrobenzene	µg/kg	<500 U	<550 U	<520 U	<500 U	<470 U	<400 U	<370 U
Nitrophenol,2-	µg/kg	<500 U	<550 U	<520 U	<500 U	<470 U	<400 U	<370 U

Notes: 1. Printed on 02/26/99

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Table 1
SUMMARY OF ANALYTICAL RESULTS FOR SEDIMENT
P&W East Hartford Colt Street

	Location ID	CS-RSK-SD-01	CS-RSK-SD-02	CS-RSK-SD-03	CS-RSK-SD-04	CS-RSK-SS-11	CS-RSK-SS-12	CS-RSK-SS-13
	Sample ID	1834646	1834649	1834653	1834652	1834647	1834648	1834650
	Sample Date	02/03/1999	02/03/1999	02/03/1999	02/03/1999	02/03/1999	02/03/1999	02/03/1999
	Sample Time	12:45	13:30	14:45	15:30	13:05	13:15	13:40
	Laboratory	LANC	LANC	LANC	LANC	LANC	LANC	LANC
	Lab. Number	3085607	3085610	3085614	3085613	3085608	3085609	3085611
Constituent	Units							
Nitrophenol,4-	µg/kg	<1300 U	<1400 U	<1300 U	<1200 U	<1200 U	<1000 U	<930 U
Nitroquinoline-1-oxide,4-	µg/kg	<1300 U	<1400 U	<1300 U	<1200 U	<1200 U	<1000 U	<930 U
Nitrosopyrrolidine,n-	µg/kg	<500 U	<550 U	<520 U	<500 U	<470 U	<400 U	<370 U
Pentachlorophenol	µg/kg	<1300 U	<1400 U	<1300 U	<1200 U	<1200 U	<1000 U	<930 U
Phenacetin	µg/kg	<500 U	<550 U	<520 U	<500 U	<470 U	<400 U	<370 U
Phenanthrene	µg/kg	360 J	<550 U	1400	<500 U	<470 U	<400 U	<370 U
Phenol	µg/kg	<500 U	<550 U	<520 U	<500 U	<470 U	<400 U	<370 U
Phenylenediamine,1,4-	µg/kg	<10000 U	<11000 U	<10000 U	<9900 U	<9400 U	<8100 U	<7500 U
Picoline,2-	µg/kg	<500 U	<550 U	<520 U	<500 U	<470 U	<400 U	<370 U
Pronamide	µg/kg	<1300 U	<1400 U	<1300 U	<1200 U	<1200 U	<1000 U	<930 U
Pyrene	µg/kg	700	<550 U	2400	97 J	90 J	85 J	<370 U
Pyridine	µg/kg	<500 U	<550 U	<520 U	<500 U	<470 U	<400 U	<370 U
Safrole	µg/kg	<500 U	<550 U	<520 U	<500 U	<470 U	<400 U	<370 U
Tetrachlorobenzene,1,2,4,5-	µg/kg	<500 U	<550 U	<520 U	<500 U	<470 U	<400 U	<370 U
Tetrachlorophenol,2,3,4,6-	µg/kg	<500 U	<550 U	<520 U	<500 U	<470 U	<400 U	<370 U
Toluidine,o-	µg/kg	<500 U	<550 U	<520 U	<500 U	<470 U	<400 U	<370 U
Trichlorophenol,2,4,5-	µg/kg	<500 U	<550 U	<520 U	<500 U	<470 U	<400 U	<370 U
Trichlorophenol,2,4,6-	µg/kg	<500 U	<550 U	<520 U	<500 U	<470 U	<400 U	<370 U
Triethyl Phosphorothioate,o,o,o-	µg/kg	<500 U	<550 U	<520 U	<500 U	<470 U	<400 U	<370 U
Trinitrobenzene,1,3,5-	µg/kg	<1000 U	<1100 U	<1000 U	<990 U	<940 U	<810 U	<750 U
Acetone	µg/kg	<8 U	<33 U	<31 U	<30 U	<7 U	<24 U	<22 U
Acetonitrile	µg/kg	<8 U	<170 U	<160 U	<150 U	<7 U	<120 U	<110 U
Acrolein	µg/kg	<8 U	<170 U	<160 U	<150 U	<7 U	<120 U	<110 U
Acrylonitrile	µg/kg	<8 U	<83 U	<78 U	<74 U	<7 U	<60 U	<56 U
Allyl Chloride	µg/kg	<8 U	<8 U	<8 U	<7 U	<7 U	<6 U	<6 U
Benzene	µg/kg	<8 U	<8 U	<8 U	<7 U	<7 U	<6 U	<6 U
Bromoform	µg/kg	<8 U	<8 U	<8 U	<7 U	<7 U	<6 U	<6 U
Carbon Disulfide	µg/kg	<8 U	<8 U	<8 U	<7 U	<7 U	<6 U	<6 U
Carbon Tetrachloride	µg/kg	<8 U	<8 U	<8 U	<7 U	<7 U	<6 U	<6 U

Notes: 1. Printed on 02/26/99

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Table 1
SUMMARY OF ANALYTICAL RESULTS FOR SEDIMENT
P&W East Hartford Colt Street

	Location ID	CS-RSK-SD-01	CS-RSK-SD-02	CS-RSK-SD-03	CS-RSK-SD-04	CS-RSK-SS-11	CS-RSK-SS-12	CS-RSK-SS-13
	Sample ID	1834646	1834649	1834653	1834652	1834647	1834648	1834650
	Sample Date	02/03/1999	02/03/1999	02/03/1999	02/03/1999	02/03/1999	02/03/1999	02/03/1999
	Sample Time	12:45	13:30	14:45	15:30	13:05	13:15	13:40
	Laboratory	LANC	LANC	LANC	LANC	LANC	LANC	LANC
	Lab. Number	3085607	3085610	3085614	3085613	3085608	3085609	3085611
Constituent	Units							
Chlorobenzene	µg/kg	<8 U	<8 U	<8 U	<7 U	<7 U	<6 U	<6 U
Chlorodibromomethane	µg/kg	<8 U	<8 U	<8 U	<7 U	<7 U	<6 U	<6 U
Chloroethane	µg/kg	<8 U	<8 U	<8 U	<7 U	<7 U	<6 U	<6 U
Chloroform	µg/kg	<8 U	<8 U	<8 U	<7 U	<7 U	<6 U	<6 U
Chloroprene,beta-	µg/kg	<8 U	<8 U	<8 U	<7 U	<7 U	<6 U	<6 U
Dibromomethane	µg/kg	<8 U	<8 U	<8 U	<7 U	<7 U	<6 U	<6 U
Dichlorobenzene,1,2-	µg/kg	<500 U	<550 U	<520 U	<500 U	<470 U	<400 U	<370 U
Dichlorobenzene,1,3-	µg/kg	<500 U	<550 U	<520 U	<500 U	<470 U	<400 U	<370 U
Dichlorobenzene,1,4-	µg/kg	<500 U	<550 U	<520 U	<500 U	<470 U	<400 U	<370 U
Dichlorobromomethane	µg/kg	<8 U	<8 U	<8 U	<7 U	<7 U	<6 U	<6 U
Dichlorodifluoromethane	µg/kg	4 J	<8 U	<8 U	<7 U	10	<6 U	<6 U
Dichloroethane,1,1-	µg/kg	<8 U	<8 U	<8 U	<7 U	<7 U	<6 U	<6 U
Dichloroethane,1,2-	µg/kg	<8 U	<8 U	<8 U	<7 U	<7 U	<6 U	<6 U
Dichloroethylene,1,1-	µg/kg	<8 U	<8 U	<8 U	<7 U	<7 U	<6 U	<6 U
Dichloroethylene,1,2-cis-	µg/kg	<8 U	<8 U	<8 U	<7 U	<7 U	<6 U	<6 U
Dichloroethylene,1,2-trans-	µg/kg	<8 U	<8 U	<8 U	<7 U	<7 U	<6 U	<6 U
Dichloropropane,1,2-	µg/kg	<8 U	<8 U	<8 U	<7 U	<7 U	<6 U	<6 U
Dichloropropylene,1,3-cis-	µg/kg	<8 U	<8 U	<8 U	<7 U	<7 U	<6 U	<6 U
Dichloropropylene,1,3-trans-	µg/kg	<8 U	<8 U	<8 U	<7 U	<7 U	<6 U	<6 U
Dioxane,1,4-	µg/kg	<380 U	<420 U	<390 U	<370 U	<7 U	<300 U	<280 U
Ethyl Methacrylate	µg/kg	<8 U	<8 U	<8 U	<7 U	<7 U	<6 U	<6 U
Ethylbenzene	µg/kg	<8 U	<8 U	<8 U	<7 U	2 J	<6 U	<6 U
Ethylene Dibromide	µg/kg	<8 U	<8 U	<8 U	<7 U	<7 U	<6 U	<6 U
Hexanone,2-	µg/kg	<15 U	<17 U	<16 U	<15 U	<7 U	<12 U	<11 U
Iodomethane	µg/kg	<8 U	<8 U	<8 U	<7 U	<7 U	<6 U	<6 U
Isobutyl Alcohol	µg/kg	<8 U	<420 U	<390 U	<370 U	<7 U	<300 U	<280 U
Methacrylonitrile	µg/kg	<8 U	<83 U	<78 U	<74 U	<7 U	<60 U	<56 U
Methyl Bromide	µg/kg	<8 U	<8 U	<8 U	<7 U	<7 U	<6 U	<6 U
Methyl Chloride	µg/kg	<8 U	<8 U	<8 U	<7 U	<7 U	<6 U	<6 U

Notes: 1. Printed on 02/26/99

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Table 1
SUMMARY OF ANALYTICAL RESULTS FOR SEDIMENT
P&W East Hartford Colt Street

	Location ID	CS-RSK-SD-01	CS-RSK-SD-02	CS-RSK-SD-03	CS-RSK-SD-04	CS-RSK-SS-11	CS-RSK-SS-12	CS-RSK-SS-13
	Sample ID	1834646	1834649	1834653	1834652	1834647	1834648	1834650
	Sample Date	02/03/1999	02/03/1999	02/03/1999	02/03/1999	02/03/1999	02/03/1999	02/03/1999
	Sample Time	12:45	13:30	14:45	15:30	13:05	13:15	13:40
	Laboratory	LANC	LANC	LANC	LANC	LANC	LANC	LANC
	Lab. Number	3085607	3085610	3085614	3085613	3085608	3085609	3085611
Constituent	Units							
Methyl Ethyl Ketone	µg/kg	<8 U	<17 U	<16 U	<15 U	<7 U	<12 U	<11 U
Methyl Methacrylate	µg/kg	<8 U	<8 U	<8 U	<7 U	<7 U	<6 U	<6 U
Methyl-2-pentanone,4-	µg/kg	<15 U	<17 U	<16 U	<15 U	<7 U	<12 U	<11 U
Methyl-tert-butyl Ether	µg/kg	<8 U	<8 U	<8 U	<7 U	<7 U	<6 U	<6 U
Methylene Chloride	µg/kg	<8 U	<8 U	<8 U	<7 U	<7 U	<6 U	<6 U
Pentachlorobenzene	µg/kg	<500 U	<550 U	<520 U	<500 U	<470 U	<400 U	<370 U
Pentachloroethane	µg/kg							
Pentachloronitrobenzene	µg/kg	<500 U	<550 U	<520 U	<500 U	<470 U	<400 U	<370 U
Propionitrile	µg/kg	<8 U	<170 U	<160 U	<150 U	<7 U	<120 U	<110 U
Styrene	µg/kg	<8 U	<8 U	<8 U	<7 U	<7 U	<6 U	<6 U
Tetrachloroethane,1,1,1,2-	µg/kg	<8 U	<8 U	<8 U	<7 U	<7 U	<6 U	<6 U
Tetrachloroethane,1,1,2,2-	µg/kg	<8 U	<8 U	<8 U	<7 U	<7 U	<6 U	<6 U
Tetrachloroethylene	µg/kg	<8 U	<8 U	<8 U	<7 U	<7 U	<6 U	<6 U
Toluene	µg/kg	<8 U	<8 U	<8 U	<7 U	<7 U	<6 U	<6 U
Trichlorobenzene,1,2,4-	µg/kg	<500 U	<550 U	<520 U	<500 U	<470 U	<400 U	<370 U
Trichloroethane,1,1,1-	µg/kg	<8 U	<8 U	<8 U	<7 U	<7 U	<6 U	<6 U
Trichloroethane,1,1,2-	µg/kg	<8 U	<8 U	<8 U	<7 U	<7 U	<6 U	<6 U
Trichloroethylene	µg/kg	<8 U	<8 U	<8 U	<7 U	<7 U	<6 U	<6 U
Trichloromonofluoromethane	µg/kg	<8 U	<8 U	<8 U	<7 U	<7 U	<6 U	<6 U
Trichloropropane,1,2,3-	µg/kg	<8 U	<8 U	<8 U	<7 U	<7 U	<6 U	<6 U
Vinyl Acetate	µg/kg	<8 U	<17 U	<16 U	<15 U	<7 U	<12 U	<11 U
Vinyl Chloride	µg/kg	<8 U	<8 U	<8 U	<7 U	<7 U	<6 U	<6 U
Xylenes (Total)	µg/kg	<8 U	<8 U	<8 U	<7 U	<7 U	<6 U	<6 U

Notes: 1. Printed on 02/26/99

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Table 1
SUMMARY OF ANALYTICAL RESULTS FOR SEDIMENT
P&W East Hartford Colt Street

	Location ID	CS-RSK-SS-14	CS-SD-60	CS-SD-61	CS-SD-62	CS-SD-63	CS-SD-64	CS-SD-65
	Sample ID	1834651	1653137	1653138	1653140	1653139	1653141	1653142
	Sample Date	02/03/1999	01/15/1998	01/15/1998	01/15/1998	01/15/1998	01/15/1998	01/15/1998
	Sample Time	13:50	:	11:25	11:45	11:59	12:15	12:25
	Laboratory	LANC	accu	accu	accu	accu	accu	accu
	Lab. Number	3085612	E29892-1	E29892-2	E29892-4	E29892-3	E29892-5	E29892-6
Constituent	Units							
Date Metals Analyzed	-	02/09/1999						
Date Organics Analyzed	-	02/05/1999				01/21/1998		
Date PCBs Analyzed	-	02/12/1999	01/21/1998	01/21/1998	01/21/1998	01/21/1998	01/21/1998	01/21/1998
Date Physical Analyzed	-	02/12/1999						
Date Semi-volatile Organics Analyzed	-	02/10/1999						
Diallate	µg/kg	<430 U						
Antimony	mg/kg	<25.2 U						
Arsenic	mg/kg	2.7 F						
Barium	mg/kg	43.7 P						
Beryllium	mg/kg	0.49 P						
Cadmium	mg/kg	0.19 P						
Chromium	mg/kg	28.0 P						
Cobalt	mg/kg	7.5 P						
Copper	mg/kg	29.2 P						
Lead	mg/kg	0.0344 S						
Mercury	mg/kg	0.11 B						
Nickel	mg/kg	35.4 *						
Selenium	mg/kg	1.5 S						
Silver	mg/kg	0.99 B						
Thallium	mg/kg	<2.5 U						
Tin	mg/kg	<31.5 U						
Vanadium	mg/kg	26.2 P						
Zinc	mg/kg	49.7 P						
PCB 1016	µg/kg	<42 U	<21 U	<22 U	<20 U	<22 U	<20 U	<38 U
PCB 1221	µg/kg	<86 U	<14 U	<14 U	<13 U	<14 U	<13 U	<24 U
PCB 1232	µg/kg	<42 U	<19 U	<20 U	<18 U	<20 U	<18 U	<34 U
PCB 1242	µg/kg	<42 U	<4.5 U	<4.8 U	<4.3 U	<4.7 U	<4.3 U	<8 U
PCB 1248	µg/kg	<42 U	<3.5 U	<3.7 U	<3.3 U	<3.6 U	<3.3 U	<6.2 U
PCB 1254	µg/kg	<42 U	418	509	514	722	503	127

Notes: 1. Printed on 02/26/99

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Table 1
SUMMARY OF ANALYTICAL RESULTS FOR SEDIMENT
P&W East Hartford Colt Street

	Location ID	CS-RSK-SS-14	CS-SD-60	CS-SD-61	CS-SD-62	CS-SD-63	CS-SD-64	CS-SD-65
	Sample ID	1834651	1653137	1653138	1653140	1653139	1653141	1653142
	Sample Date	02/03/1999	01/15/1998	01/15/1998	01/15/1998	01/15/1998	01/15/1998	01/15/1998
	Sample Time	13:50	:	11:25	11:45	11:59	12:15	12:25
	Laboratory	LANC	accu	accu	accu	accu	accu	accu
	Lab. Number	3085612	E29892-1	E29892-2	E29892-4	E29892-3	E29892-5	E29892-6
Constituent	Units							
PCB 1260	µg/kg	200 P	141	252	193	222	248	56.1
Acetylaminofluorene,2-	µg/kg	<430 U						
Chlorobenzilate	µg/kg	<430 U						
Dibromo-3-chloropropane,1,2-	µg/kg	<6 U				<7.2 U		
Dimethoate	µg/kg	<430 U						
Hexachlorobenzene	µg/kg	<430 U						
Hexachlorocyclopentadiene	µg/kg	<860 U						
Isodrin	µg/kg	<860 U						
Tetraethyl Dithiopyrophosphate	µg/kg	<430 U						
Thionazin	µg/kg	<860 U						
Total Petroleum Hydrocarbons	mg/kg	21 J						
Acenaphthene	µg/kg	<430 U						
Acenaphthylene	µg/kg	<430 U						
Acetophenone	µg/kg	<430 U						
Aminobiphenyl,4-	µg/kg	<1100 U						
Aniline	µg/kg	<430 U						
Anthracene	µg/kg	<430 U						
Benzo[a]anthracene	µg/kg	96 J						
Benzo[a]pyrene	µg/kg	130 J						
Benzo[b]fluoranthene	µg/kg	210 J						
Benzo[ghi]perylene	µg/kg	120 J						
Benzo[k]fluoranthene	µg/kg	51 J						
Benzyl Alcohol	µg/kg	<1100 U						
Bis(2-chloroethoxy)methane	µg/kg	<430 U						
Bis(2-chloroethyl) Ether	µg/kg	<430 U						
Bis(2-chloroisopropyl) Ether	µg/kg	<430 U						
Bis(2-ethylhexyl) Phthalate	µg/kg	110 J						
Bromophenyl Phenyl Ether,4-	µg/kg	<430 U						
Butyl Benzyl Phthalate	µg/kg	<430 U						

Notes: 1. Printed on 02/26/99

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Table 1
SUMMARY OF ANALYTICAL RESULTS FOR SEDIMENT
P&W East Hartford Colt Street

	Location ID	CS-RSK-SS-14	CS-SD-60	CS-SD-61	CS-SD-62	CS-SD-63	CS-SD-64	CS-SD-65
	Sample ID	1834651	1653137	1653138	1653140	1653139	1653141	1653142
	Sample Date	02/03/1999	01/15/1998	01/15/1998	01/15/1998	01/15/1998	01/15/1998	01/15/1998
	Sample Time	13:50	:	11:25	11:45	11:59	12:15	12:25
	Laboratory	LANC	accu	accu	accu	accu	accu	accu
	Lab. Number	3085612	E29892-1	E29892-2	E29892-4	E29892-3	E29892-5	E29892-6
Constituent	Units							
Chloro-m-cresol,p-	µg/kg	<430 U						
Chloroaniline,4-	µg/kg	<430 U						
Chloronaphthalene,2-	µg/kg	<430 U						
Chlorophenol,2-	µg/kg	<430 U						
Chlorophenyl Phenyl Ether,4-	µg/kg	<430 U						
Chrysene	µg/kg	140 J						
Cresol,2-	µg/kg	<430 U						
Cresol,4-	µg/kg	<430 U						
Di-n-butyl Phthalate	µg/kg	<430 U						
Di-n-octyl Phthalate	µg/kg	<430 U						
Dibenzo[a,h]anthracene	µg/kg	<430 U						
Dibenzofuran	µg/kg	<430 U						
Dichloro-2-butylene,1,4-trans-	µg/kg	<64 U				<7.2 U		
Dichlorobenzidine,3,3'-	µg/kg	<860 U						
Dichlorophenol,2,4-	µg/kg	<430 U						
Dichlorophenol,2,6-	µg/kg	<430 U						
Diethyl Phthalate	µg/kg	<430 U						
Dimethyl Phthalate	µg/kg	<430 U						
Dimethylaminoazobenzene,4-	µg/kg	<430 U						
Dimethylbenzidine,3,3'-	µg/kg	<1100 U						
Dimethylbenzo[a]anthracene,7,12-	µg/kg	<430 U						
Dimethylphenol,2,4-	µg/kg	<430 U						
Dinitro-o-cresol,4,6-	µg/kg	<1100 U						
Dinitrobenzene,1,3-	µg/kg	<430 U						
Dinitrophenol,2,4-	µg/kg	<1100 U						
Dinitrotoluene,2,4-	µg/kg	<430 U						
Dinitrotoluene,2,6-	µg/kg	<430 U						
Ethyl Methanesulfonate	µg/kg	<430 U						
Fluoranthene	µg/kg	210 J						

Notes: 1. Printed on 02/26/99

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Table 1
SUMMARY OF ANALYTICAL RESULTS FOR SEDIMENT
P&W East Hartford Colt Street

	Location ID	CS-RSK-SS-14	CS-SD-60	CS-SD-61	CS-SD-62	CS-SD-63	CS-SD-64	CS-SD-65
	Sample ID	1834651	1653137	1653138	1653140	1653139	1653141	1653142
	Sample Date	02/03/1999	01/15/1998	01/15/1998	01/15/1998	01/15/1998	01/15/1998	01/15/1998
	Sample Time	13:50	:	11:25	11:45	11:59	12:15	12:25
	Laboratory	LANC	accu	accu	accu	accu	accu	accu
	Lab. Number	3085612	E29892-1	E29892-2	E29892-4	E29892-3	E29892-5	E29892-6
Constituent	Units							
Fluorene	µg/kg	<430 U						
Hexachlorobutadiene	µg/kg	<430 U						
Hexachloroethane	µg/kg	<430 U						
Hexachloropropylene	µg/kg	<430 U						
Indeno(1,2,3-cd)pyrene	µg/kg	120 J						
Isophorone	µg/kg	<430 U						
Isosafrole	µg/kg	<430 U						
Methapyrilene	µg/kg	<430 U						
Methyl Methanesulfonate	µg/kg	<430 U						
Methylcholanthrene,3-	µg/kg	<430 U						
Methylnaphthalene,2-	µg/kg	<430 U						
N-nitroso-di-n-butylamine	µg/kg	<430 U						
N-nitroso-n-propylamine	µg/kg	<430 U						
N-nitrosodiethylamine	µg/kg	<430 U						
N-nitrosodimethylamine	µg/kg	<430 U						
N-nitrosodiphenylamine	µg/kg	<430 U						
N-nitrosomethylethylamine	µg/kg	<430 U						
N-nitrosomorpholine	µg/kg	<430 U						
N-nitrosopiperidine	µg/kg	<430 U						
Naphthalene	µg/kg	<430 U						
Naphthoquinone,1,4-	µg/kg	<860 U						
Naphthylamine,alpha-	µg/kg	<430 U						
Naphthylamine,beta-	µg/kg	<1100 U						
Nitro-o-toluidine,5-	µg/kg	<1100 U						
Nitroaniline,2-	µg/kg	<430 U						
Nitroaniline,3-	µg/kg	<430 U						
Nitroaniline,4-	µg/kg	<430 U						
Nitrobenzene	µg/kg	<430 U						
Nitrophenol,2-	µg/kg	<430 U						

Notes: 1. Printed on 02/26/99

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Table 1
SUMMARY OF ANALYTICAL RESULTS FOR SEDIMENT
P&W East Hartford Colt Street

	Location ID	CS-RSK-SS-14	CS-SD-60	CS-SD-61	CS-SD-62	CS-SD-63	CS-SD-64	CS-SD-65
	Sample ID	1834651	1653137	1653138	1653140	1653139	1653141	1653142
	Sample Date	02/03/1999	01/15/1998	01/15/1998	01/15/1998	01/15/1998	01/15/1998	01/15/1998
	Sample Time	13:50	:	11:25	11:45	11:59	12:15	12:25
	Laboratory	LANC	accu	accu	accu	accu	accu	accu
	Lab. Number	3085612	E29892-1	E29892-2	E29892-4	E29892-3	E29892-5	E29892-6
Constituent	Units							
Nitrophenol,4-	µg/kg	<1100 U						
Nitroquinoline-1-oxide,4-	µg/kg	<1100 U						
Nitrosopyrrolidine,n-	µg/kg	<430 U						
Pentachlorophenol	µg/kg	<1100 U						
Phenacetin	µg/kg	<430 U						
Phenanthrene	µg/kg	110 J						
Phenol	µg/kg	<430 U						
Phenylenediamine,1,4-	µg/kg	<8600 U						
Picoline,2-	µg/kg	<430 U						
Pronamide	µg/kg	<1100 U						
Pyrene	µg/kg	220 J						
Pyridine	µg/kg	<430 U						
Safrole	µg/kg	<430 U						
Tetrachlorobenzene,1,2,4,5-	µg/kg	<430 U						
Tetrachlorophenol,2,3,4,6-	µg/kg	<430 U						
Toluidine,o-	µg/kg	<430 U						
Trichlorophenol,2,4,5-	µg/kg	<430 U						
Trichlorophenol,2,4,6-	µg/kg	<430 U						
Triethyl Phosphorothioate,o,o,o-	µg/kg	<430 U						
Trinitrobenzene,1,3,5-	µg/kg	<860 U						
Acetone	µg/kg	<26 U				<14 U		
Acetonitrile	µg/kg	<130 U				<36 U		
Acrolein	µg/kg	<130 U				<7.2 U		
Acrylonitrile	µg/kg	<64 U				<7.2 U		
Allyl Chloride	µg/kg	<6 U				<7.2 U		
Benzene	µg/kg	<6 U				<7.2 U		
Bromoform	µg/kg	<6 U				<7.2 U		
Carbon Disulfide	µg/kg	<6 U				<7.2 U		
Carbon Tetrachloride	µg/kg	<6 U				<7.2 U		

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Table 1
SUMMARY OF ANALYTICAL RESULTS FOR SEDIMENT
P&W East Hartford Colt Street

	Location ID	CS-RSK-SS-14	CS-SD-60	CS-SD-61	CS-SD-62	CS-SD-63	CS-SD-64	CS-SD-65
	Sample ID	1834651	1653137	1653138	1653140	1653139	1653141	1653142
	Sample Date	02/03/1999	01/15/1998	01/15/1998	01/15/1998	01/15/1998	01/15/1998	01/15/1998
	Sample Time	13:50	:	11:25	11:45	11:59	12:15	12:25
	Laboratory	LANC	accu	accu	accu	accu	accu	accu
	Lab. Number	3085612	E29892-1	E29892-2	E29892-4	E29892-3	E29892-5	E29892-6
Constituent	Units							
Chlorobenzene	µg/kg	<6 U				<7.2 U		
Chlorodibromomethane	µg/kg	<6 U				<7.2 U		
Chloroethane	µg/kg	<6 U				<7.2 U		
Chloroform	µg/kg	<6 U				<7.2 U		
Chloroprene,beta-	µg/kg	<6 U				<7.2 U		
Dibromomethane	µg/kg	<6 U				<7.2 U		
Dichlorobenzene,1,2-	µg/kg	<430 U						
Dichlorobenzene,1,3-	µg/kg	<430 U						
Dichlorobenzene,1,4-	µg/kg	<430 U						
Dichlorobromomethane	µg/kg	<6 U				<7.2 U		
Dichlorodifluoromethane	µg/kg	<6 U				<7.2 U		
Dichloroethane,1,1-	µg/kg	<6 U				<7.2 U		
Dichloroethane,1,2-	µg/kg	<6 U				<7.2 U		
Dichloroethylene,1,1-	µg/kg	<6 U				<7.2 U		
Dichloroethylene,1,2-cis-	µg/kg	<6 U						
Dichloroethylene,1,2-trans-	µg/kg	<6 U				<7.2 U		
Dichloropropane,1,2-	µg/kg	<6 U				<7.2 U		
Dichloropropylene,1,3-cis-	µg/kg	<6 U				<7.2 U		
Dichloropropylene,1,3-trans-	µg/kg	<6 U				<7.2 U		
Dioxane,1,4-	µg/kg	<320 U				<7.2 U		
Ethyl Methacrylate	µg/kg	<6 U				<7.2 U		
Ethylbenzene	µg/kg	<6 U				<7.2 U		
Ethylene Dibromide	µg/kg	<6 U				<7.2 U		
Hexanone,2-	µg/kg	<13 U				<14 U		
Iodomethane	µg/kg	<6 U				<7.2 U		
Isobutyl Alcohol	µg/kg	<320 U				<7.2 U		
Methacrylonitrile	µg/kg	<64 U				<7.2 U		
Methyl Bromide	µg/kg	<6 U				<7.2 U		
Methyl Chloride	µg/kg	<6 U				<7.2 U		

Notes: 1. Printed on 02/26/99

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Table 1
SUMMARY OF ANALYTICAL RESULTS FOR SEDIMENT
P&W East Hartford Colt Street

	Location ID	CS-RSK-SS-14	CS-SD-60	CS-SD-61	CS-SD-62	CS-SD-63	CS-SD-64	CS-SD-65
	Sample ID	1834651	1653137	1653138	1653140	1653139	1653141	1653142
	Sample Date	02/03/1999	01/15/1998	01/15/1998	01/15/1998	01/15/1998	01/15/1998	01/15/1998
	Sample Time	13:50	:	11:25	11:45	11:59	12:15	12:25
	Laboratory	LANC	accu	accu	accu	accu	accu	accu
	Lab. Number	3085612	E29892-1	E29892-2	E29892-4	E29892-3	E29892-5	E29892-6
Constituent	Units							
Methyl Ethyl Ketone	µg/kg	<13 U				<14 U		
Methyl Methacrylate	µg/kg	<6 U				<7.2 U		
Methyl-2-pentanone,4-	µg/kg	<13 U				<14 U		
Methyl-tert-butyl Ether	µg/kg	<6 U						
Methylene Chloride	µg/kg	<6 U				21.4		
Pentachlorobenzene	µg/kg	<430 U						
Pentachloroethane	µg/kg					<7.2 U		
Pentachloronitrobenzene	µg/kg	<430 U						
Propionitrile	µg/kg	<130 U				<7.2 U		
Styrene	µg/kg	<6 U				<7.2 U		
Tetrachloroethane,1,1,1,2-	µg/kg	<6 U				<7.2 U		
Tetrachloroethane,1,1,2,2-	µg/kg	6 U				7.2 U		
Tetrachloroethylene	µg/kg	6 U				3.4 J		
Toluene	µg/kg	<6 U				<7.2 U		
Trichlorobenzene,1,2,4-	µg/kg	<430 U						
Trichloroethane,1,1,1-	µg/kg	6 U				<7.2 U		
Trichloroethane,1,1,2-	µg/kg	<6 U				<7.2 U		
Trichloroethylene	µg/kg	<6 U				4.9 J		
Trichloromonofluoromethane	µg/kg	<6 U				<7.2 U		
Trichloropropane,1,2,3-	µg/kg	<6 U				<7.2 U		
Vinyl Acetate	µg/kg	<13 U				<7.2 U		
Vinyl Chloride	µg/kg	<6 U				<7.2 U		
Xylenes (Total)	µg/kg	<6 U				<7.2 U		

Notes: 1. Printed on 02/26/99

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Table 1
SUMMARY OF ANALYTICAL RESULTS FOR SEDIMENT
P&W East Hartford Colt Street

	Location ID	CS-SD-66	CS-SD-66					
	Sample ID	1653143	1653144					
	Sample Date	01/15/1998	01/15/1998					
	Sample Time	12:35	12:50					
	Laboratory	accu	accu					
	Lab. Number	E29892-7	E29892-8					
Constituent	Units							
Date Metals Analyzed	-							
Date Organics Analyzed	-							
Date PCBs Analyzed	-	01/21/1998	01/21/1998					
Date Physical Analyzed	-							
Date Semi-volatile Organics Analyzed	-							
Diallate	µg/kg							
Antimony	mg/kg							
Arsenic	mg/kg							
Barium	mg/kg							
Beryllium	mg/kg							
Cadmium	mg/kg							
Chromium	mg/kg							
Cobalt	mg/kg							
Copper	mg/kg							
Lead	mg/kg							
Mercury	mg/kg							
Nickel	mg/kg							
Selenium	mg/kg							
Silver	mg/kg							
Thallium	mg/kg							
Tin	mg/kg							
Vanadium	mg/kg							
Zinc	mg/kg							
PCB 1016	µg/kg	<24 U	<26 U					
PCB 1221	µg/kg	<15 U	<17 U					
PCB 1232	µg/kg	<21 U	<23 U					
PCB 1242	µg/kg	<5 U	<5.6 U					
PCB 1248	µg/kg	<3.9 U	<4.3 U					
PCB 1254	µg/kg	423	576					

Notes: 1. Printed on 02/26/99

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Table 1
SUMMARY OF ANALYTICAL RESULTS FOR SEDIMENT
P&W East Hartford Colt Street

	Location ID	CS-SD-66	CS-SD-66					
	Sample ID	1653143	1653144					
	Sample Date	01/15/1998	01/15/1998					
	Sample Time	12:35	12:50					
	Laboratory	accu	accu					
	Lab. Number	E29892-7	E29892-8					
Constituent	Units							
PCB 1260	µg/kg	178	217					
Acetylaminofluorene,2-	µg/kg							
Chlorobenzilate	µg/kg							
Dibromo-3-chloropropane,1,2-	µg/kg							
Dimethoate	µg/kg							
Hexachlorobenzene	µg/kg							
Hexachlorocyclopentadiene	µg/kg							
Isodrin	µg/kg							
Tetraethyl Dithiopyrophosphate	µg/kg							
Thionazin	µg/kg							
Total Petroleum Hydrocarbons	mg/kg							
Acenaphthene	µg/kg							
Acenaphthylene	µg/kg							
Acetophenone	µg/kg							
Aminobiphenyl,4-	µg/kg							
Aniline	µg/kg							
Anthracene	µg/kg							
Benzo[a]anthracene	µg/kg							
Benzo[a]pyrene	µg/kg							
Benzo[b]fluoranthene	µg/kg							
Benzo[ghi]perylene	µg/kg							
Benzo[k]fluoranthene	µg/kg							
Benzyl Alcohol	µg/kg							
Bis(2-chloroethoxy)methane	µg/kg							
Bis(2-chloroethyl) Ether	µg/kg							
Bis(2-chloroisopropyl) Ether	µg/kg							
Bis(2-ethylhexyl) Phthalate	µg/kg							
Bromophenyl Phenyl Ether,4-	µg/kg							
Butyl Benzyl Phthalate	µg/kg							

Notes: 1. Printed on 02/26/99

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Table 1
SUMMARY OF ANALYTICAL RESULTS FOR SEDIMENT
P&W East Hartford Colt Street

	Location ID	CS-SD-66	CS-SD-66					
	Sample ID	1653143	1653144					
	Sample Date	01/15/1998	01/15/1998					
	Sample Time	12:35	12:50					
	Laboratory	accu	accu					
	Lab. Number	E29892-7	E29892-8					
Constituent	Units							
Chloro-m-cresol,p-	µg/kg							
Chloroaniline,4-	µg/kg							
Chloronaphthalene,2-	µg/kg							
Chlorophenol,2-	µg/kg							
Chlorophenyl Phenyl Ether,4-	µg/kg							
Chrysene	µg/kg							
Cresol,2-	µg/kg							
Cresol,4-	µg/kg							
Di-n-butyl Phthalate	µg/kg							
Di-n-octyl Phthalate	µg/kg							
Dibenzo[a,h]anthracene	µg/kg							
Dibenzofuran	µg/kg							
Dichloro-2-butylene,1,4-trans-	µg/kg							
Dichlorobenzidine,3,3'-	µg/kg							
Dichlorophenol,2,4-	µg/kg							
Dichlorophenol,2,6-	µg/kg							
Diethyl Phthalate	µg/kg							
Dimethyl Phthalate	µg/kg							
Dimethylaminoazobenzene,4-	µg/kg							
Dimethylbenzidine,3,3'-	µg/kg							
Dimethylbenzo[a]anthracene,7,12-	µg/kg							
Dimethylphenol,2,4-	µg/kg							
Dinitro-o-cresol,4,6-	µg/kg							
Dinitrobenzene,1,3-	µg/kg							
Dinitrophenol,2,4-	µg/kg							
Dinitrotoluene,2,4-	µg/kg							
Dinitrotoluene,2,6-	µg/kg							
Ethyl Methanesulfonate	µg/kg							
Fluoranthene	µg/kg							

Notes: 1. Printed on 02/26/99

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Table 1
SUMMARY OF ANALYTICAL RESULTS FOR SEDIMENT
P&W East Hartford Colt Street

	Location ID	CS-SD-66	CS-SD-66					
	Sample ID	1653143	1653144					
	Sample Date	01/15/1998	01/15/1998					
	Sample Time	12:35	12:50					
	Laboratory	accu	accu					
	Lab. Number	E29892-7	E29892-8					
Constituent	Units							
Fluorene	µg/kg							
Hexachlorobutadiene	µg/kg							
Hexachloroethane	µg/kg							
Hexachloropropylene	µg/kg							
Indeno(1,2,3-cd)pyrene	µg/kg							
Isophorone	µg/kg							
Isosafrole	µg/kg							
Methapyrilene	µg/kg							
Methyl Methanesulfonate	µg/kg							
Methylcholanthrene,3-	µg/kg							
Methylnaphthalene,2-	µg/kg							
N-nitroso-di-n-butylamine	µg/kg							
N-nitroso-n-propylamine	µg/kg							
N-nitrosodiethylamine	µg/kg							
N-nitrosodimethylamine	µg/kg							
N-nitrosodiphenylamine	µg/kg							
N-nitrosomethylethylamine	µg/kg							
N-nitrosomorpholine	µg/kg							
N-nitrosopiperidine	µg/kg							
Naphthalene	µg/kg							
Naphthoquinone,1,4-	µg/kg							
Naphthylamine,alpha-	µg/kg							
Naphthylamine,beta-	µg/kg							
Nitro-o-toluidine,5-	µg/kg							
Nitroaniline,2-	µg/kg							
Nitroaniline,3-	µg/kg							
Nitroaniline,4-	µg/kg							
Nitrobenzene	µg/kg							
Nitrophenol,2-	µg/kg							

Notes: 1. Printed on 02/26/99

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Table 1
SUMMARY OF ANALYTICAL RESULTS FOR SEDIMENT
P&W East Hartford Colt Street

	Location ID	CS-SD-66	CS-SD-66					
	Sample ID	1653143	1653144					
	Sample Date	01/15/1998	01/15/1998					
	Sample Time	12:35	12:50					
	Laboratory	accu	accu					
	Lab. Number	E29892-7	E29892-8					
Constituent	Units							
Nitrophenol,4-	µg/kg							
Nitroquinoline-1-oxide,4-	µg/kg							
Nitrosopyrrolidine,n-	µg/kg							
Pentachlorophenol	µg/kg							
Phenacetin	µg/kg							
Phenanthrene	µg/kg							
Phenol	µg/kg							
Phenylenediamine,1,4-	µg/kg							
Picoline,2-	µg/kg							
Pronamide	µg/kg							
Pyrene	µg/kg							
Pyridine	µg/kg							
Safrole	µg/kg							
Tetrachlorobenzene,1,2,4,5-	µg/kg							
Tetrachlorophenol,2,3,4,6-	µg/kg							
Toluidine,o-	µg/kg							
Trichlorophenol,2,4,5-	µg/kg							
Trichlorophenol,2,4,6-	µg/kg							
Triethyl Phosphorothioate,o,o,o-	µg/kg							
Trinitrobenzene,1,3,5-	µg/kg							
Acetone	µg/kg							
Acetonitrile	µg/kg							
Acrolein	µg/kg							
Acrylonitrile	µg/kg							
Allyl Chloride	µg/kg							
Benzene	µg/kg							
Bromoform	µg/kg							
Carbon Disulfide	µg/kg							
Carbon Tetrachloride	µg/kg							

Notes: 1. Printed on 02/26/99

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Table 1
SUMMARY OF ANALYTICAL RESULTS FOR SEDIMENT
P&W East Hartford Colt Street

	Location ID	CS-SD-66	CS-SD-66					
	Sample ID	1653143	1653144					
	Sample Date	01/15/1998	01/15/1998					
	Sample Time	12:35	12:50					
	Laboratory	accu	accu					
	Lab. Number	E29892-7	E29892-8					
Constituent	Units							
Chlorobenzene	µg/kg							
Chlorodibromomethane	µg/kg							
Chloroethane	µg/kg							
Chloroform	µg/kg							
Chloroprene,beta-	µg/kg							
Dibromomethane	µg/kg							
Dichlorobenzene,1,2-	µg/kg							
Dichlorobenzene,1,3-	µg/kg							
Dichlorobenzene,1,4-	µg/kg							
Dichlorobromomethane	µg/kg							
Dichlorodifluoromethane	µg/kg							
Dichloroethane,1,1-	µg/kg							
Dichloroethane,1,2-	µg/kg							
Dichloroethylene,1,1-	µg/kg							
Dichloroethylene,1,2-cis-	µg/kg							
Dichloroethylene,1,2-trans-	µg/kg							
Dichloropropane,1,2-	µg/kg							
Dichloropropylene,1,3-cis-	µg/kg							
Dichloropropylene,1,3-trans-	µg/kg							
Dioxane,1,4-	µg/kg							
Ethyl Methacrylate	µg/kg							
Ethylbenzene	µg/kg							
Ethylene Dibromide	µg/kg							
Hexanone,2-	µg/kg							
Iodomethane	µg/kg							
Isobutyl Alcohol	µg/kg							
Methacrylonitrile	µg/kg							
Methyl Bromide	µg/kg							
Methyl Chloride	µg/kg							

Notes: 1. Printed on 02/26/99

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Table 1
SUMMARY OF ANALYTICAL RESULTS FOR SEDIMENT
P&W East Hartford Colt Street

	Location ID	CS-SD-66	CS-SD-66					
	Sample ID	1653143	1653144					
	Sample Date	01/15/1998	01/15/1998					
	Sample Time	12:35	12:50					
	Laboratory	accu	accu					
	Lab. Number	E29892-7	E29892-8					
Constituent	Units							
Methyl Ethyl Ketone	µg/kg							
Methyl Methacrylate	µg/kg							
Methyl-2-pentanone,4-	µg/kg							
Methyl-tert-butyl Ether	µg/kg							
Methylene Chloride	µg/kg							
Pentachlorobenzene	µg/kg							
Pentachloroethane	µg/kg							
Pentachloronitrobenzene	µg/kg							
Propionitrile	µg/kg							
Styrene	µg/kg							
Tetrachloroethane,1,1,1,2-	µg/kg							
Tetrachloroethane,1,1,2,2-	µg/kg							
Tetrachloroethylene	µg/kg							
Toluene	µg/kg							
Trichlorobenzene,1,2,4-	µg/kg							
Trichloroethane,1,1,1-	µg/kg							
Trichloroethane,1,1,2-	µg/kg							
Trichloroethylene	µg/kg							
Trichloromonofluoromethane	µg/kg							
Trichloropropane,1,2,3-	µg/kg							
Vinyl Acetate	µg/kg							
Vinyl Chloride	µg/kg							
Xylenes (Total)	µg/kg							

Notes: 1. Printed on 02/26/99

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Table 2
SUMMARY OF CONSTITUENTS DETECTED IN SEDIMENT
P&W East Hartford Colt Street

	Location ID	CS-RSK-SD-01	CS-RSK-SD-02	CS-RSK-SD-03	CS-RSK-SD-04	CS-RSK-SS-11	CS-RSK-SS-12	CS-RSK-SS-13
	Sample ID	1834646	1834649	1834653	1834652	1834647	1834648	1834650
	Sample Date	02/03/1999	02/03/1999	02/03/1999	02/03/1999	02/03/1999	02/03/1999	02/03/1999
	Sample Time	12:45	13:30	14:45	15:30	13:05	13:15	13:40
	Laboratory	LANC	LANC	LANC	LANC	LANC	LANC	LANC
	Lab. Number	3085607	3085610	3085614	3085613	3085608	3085609	3085611
Constituent	Units							
Date Metals Analyzed	-	02/09/1999	02/09/1999	02/09/1999	02/09/1999	02/09/1999	02/09/1999	02/09/1999
Date Organics Analyzed	-	02/05/1999				02/05/1999		
Date PCBs Analyzed	-	02/11/1999	02/12/1999	02/12/1999	02/12/1999	02/12/1999	02/12/1999	
Date Physical Analyzed	-	02/11/1999		02/12/1999		02/11/1999		
Date Semi-volatile Organics Analyzed	-	02/09/1999	02/10/1999	02/10/1999	02/10/1999	02/09/1999	02/10/1999	
Arsenic	mg/kg	1.9 B	6.6 F	3.8 F	2.5 B	2.7 B	2.4 F	1.9 B
Barium	mg/kg	33.6 P	294 P	88.7 P	81.0 P	43.1 P	31.9 P	21.9 P
Beryllium	mg/kg	0.33 B	1.6 P	0.56 P	0.77 P	0.33 B	0.37 P	0.26 B
Cadmium	mg/kg	1.0 P		4.0 P	3.4 P			
Chromium	mg/kg	46.7 P	60.1 P	360 P	44.3 P	12.2 P	19.5 P	8.8 P
Cobalt	mg/kg	5.8 B	26.5 P	19.8 P	11.6 P	6.7 B	6.6 P	4.6 B
Copper	mg/kg	36.7 P	54.2 P	123 P	28.4 P	11.9 P	15.4 P	10.7 P
Lead	mg/kg	0.0277 S	0.0171 S	0.166 S	0.0115 S	0.0103 S	0.0120 S	0.0053 S
Mercury	mg/kg	0.16 C		0.97 C	0.043 B	0.058 B	0.11 B	0.011 B
Nickel	mg/kg	32.2 *	59.1 *	142 *	48.9 *	13.2 *	19.2 *	10.6 *
Selenium	mg/kg	0.76 B	2.2 B	1.6 S	2.3 S	0.71 B	1.0 B	0.68 B
Silver	mg/kg	3.1 P		15.6 P				
Thallium	mg/kg		0.69 B		0.28 B			
Tin	mg/kg			11.9 B				
Vanadium	mg/kg	21.8 P	83.7 P	42.4 P	38.6 P	17.5 P	21.3 P	13.0 P
Zinc	mg/kg	52.4 P	133 P	169 P	79.1 P	31.9 P	39.4 P	25.9 P
PCB 1254	µg/kg	640		3800 J				
PCB 1260	µg/kg		20 J	3900 J	86 P	19 J	50 P	
Total Petroleum Hydrocarbons	mg/kg	40 J		256		24 J		
Acenaphthene	µg/kg			120 J				
Acenaphthylene	µg/kg			160 J				
Anthracene	µg/kg	63 J		310 J				
Benzo[a]anthracene	µg/kg	300 J		1200				
Benzo[a]pyrene	µg/kg	370 J		1400			41 J	

Notes: 1. Only Detects Shown
2. Printed on 02/26/99

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Table 2
SUMMARY OF CONSTITUENTS DETECTED IN SEDIMENT
P&W East Hartford Colt Street

	Location ID	CS-RSK-SD-01	CS-RSK-SD-02	CS-RSK-SD-03	CS-RSK-SD-04	CS-RSK-SS-11	CS-RSK-SS-12	CS-RSK-SS-13
	Sample ID	1834646	1834649	1834653	1834652	1834647	1834648	1834650
	Sample Date	02/03/1999	02/03/1999	02/03/1999	02/03/1999	02/03/1999	02/03/1999	02/03/1999
	Sample Time	12:45	13:30	14:45	15:30	13:05	13:15	13:40
	Laboratory	LANC	LANC	LANC	LANC	LANC	LANC	LANC
	Lab. Number	3085607	3085610	3085614	3085613	3085608	3085609	3085611
Constituent	Units							
Benzo[b]fluoranthene	µg/kg	640		2000	100 J	72 J	72 J	
Benzo[ghi]perylene	µg/kg	370 J		900				
Benzo[k]fluoranthene	µg/kg	210 J		680				
Bis(2-chloroethyl) Ether	µg/kg					830		
Bis(2-ethylhexyl) Phthalate	µg/kg	220 J	150 J	710				
Chrysene	µg/kg	510		1600	66 J	58 J	55 J	
Di-n-butyl Phthalate	µg/kg			130 J				
Dibenzo[a,h]anthracene	µg/kg	86 J		280 J				
Dibenzofuran	µg/kg			71 J				
Fluoranthene	µg/kg	740		2200	94 J	98 J	75 J	
Fluorene	µg/kg			83 J				
Indeno(1,2,3-cd)pyrene	µg/kg	400 J		1100	58 J			
Methylnaphthalene,2-	µg/kg			56 J				
Naphthalene	µg/kg			76 J				
Phenanthrene	µg/kg	360 J		1400				
Pyrene	µg/kg	700		2400	97 J	90 J	85 J	
Dichlorodifluoromethane	µg/kg	4 J				10		
Ethylbenzene	µg/kg					2 J		
Methylene Chloride	µg/kg							
Tetrachloroethylene	µg/kg							
Trichloroethylene	µg/kg							

Notes: 1. Only Detects Shown
2. Printed on 02/26/99

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Table 2
SUMMARY OF CONSTITUENTS DETECTED IN SEDIMENT
P&W East Hartford Colt Street

	Location ID	CS-RSK-SS-14	CS-SD-60	CS-SD-61	CS-SD-62	CS-SD-63	CS-SD-64	CS-SD-65
	Sample ID	1834651	1653137	1653138	1653140	1653139	1653141	1653142
	Sample Date	02/03/1999	01/15/1998	01/15/1998	01/15/1998	01/15/1998	01/15/1998	01/15/1998
	Sample Time	13:50	:	11:25	11:45	11:59	12:15	12:25
	Laboratory	LANC	accu	accu	accu	accu	accu	accu
	Lab. Number	3085612	E29892-1	E29892-2	E29892-4	E29892-3	E29892-5	E29892-6
Constituent	Units							
Date Metals Analyzed	-	02/09/1999						
Date Organics Analyzed	-					01/21/1998		
Date PCBs Analyzed	-	02/12/1999	01/21/1998	01/21/1998	01/21/1998	01/21/1998	01/21/1998	01/21/1998
Date Physical Analyzed	-	02/12/1999						
Date Semi-volatile Organics Analyzed	-	02/10/1999						
Arsenic	mg/kg	2.7 F						
Barium	mg/kg	43.7 P						
Beryllium	mg/kg	0.49 P						
Cadmium	mg/kg	0.19 P						
Chromium	mg/kg	28.0 P						
Cobalt	mg/kg	7.5 P						
Copper	mg/kg	29.2 P						
Lead	mg/kg	0.0344 S						
Mercury	mg/kg	0.11 B						
Nickel	mg/kg	35.4 *						
Selenium	mg/kg	1.5 S						
Silver	mg/kg	0.99 B						
Thallium	mg/kg							
Tin	mg/kg							
Vanadium	mg/kg	26.2 P						
Zinc	mg/kg	49.7 P						
PCB 1254	µg/kg		418	509	514	722	503	127
PCB 1260	µg/kg	200 P	141	252	193	222	248	56.1
Total Petroleum Hydrocarbons	mg/kg	21 J						
Acenaphthene	µg/kg							
Acenaphthylene	µg/kg							
Anthracene	µg/kg							
Benzo[a]anthracene	µg/kg	96 J						
Benzo[a]pyrene	µg/kg	130 J						

Notes: 1. Only Detects Shown
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Table 2
SUMMARY OF CONSTITUENTS DETECTED IN SEDIMENT
P&W East Hartford Colt Street

	Location ID	CS-RSK-SS-14	CS-SD-60	CS-SD-61	CS-SD-62	CS-SD-63	CS-SD-64	CS-SD-65
	Sample ID	1834651	1653137	1653138	1653140	1653139	1653141	1653142
	Sample Date	02/03/1999	01/15/1998	01/15/1998	01/15/1998	01/15/1998	01/15/1998	01/15/1998
	Sample Time	13:50	:	11:25	11:45	11:59	12:15	12:25
	Laboratory	LANC	accu	accu	accu	accu	accu	accu
	Lab. Number	3085612	E29892-1	E29892-2	E29892-4	E29892-3	E29892-5	E29892-6
Constituent	Units							
Benzo[b]fluoranthene	µg/kg	210 J						
Benzo[ghi]perylene	µg/kg	120 J						
Benzo[k]fluoranthene	µg/kg	51 J						
Bis(2-chloroethyl) Ether	µg/kg							
Bis(2-ethylhexyl) Phthalate	µg/kg	110 J						
Chrysene	µg/kg	140 J						
Di-n-butyl Phthalate	µg/kg							
Dibenzo[a,h]anthracene	µg/kg							
Dibenzofuran	µg/kg							
Fluoranthene	µg/kg	210 J						
Fluorene	µg/kg							
Indeno(1,2,3-cd)pyrene	µg/kg	120 J						
Methylnaphthalene,2-	µg/kg							
Naphthalene	µg/kg							
Phenanthrene	µg/kg	110 J						
Pyrene	µg/kg	220 J						
Dichlorodifluoromethane	µg/kg							
Ethylbenzene	µg/kg							
Methylene Chloride	µg/kg					21.4		
Tetrachloroethylene	µg/kg					3.4 J		
Trichloroethylene	µg/kg					4.9 J		

Notes: 1. Only Detects Shown
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Table 2
SUMMARY OF CONSTITUENTS DETECTED IN SEDIMENT
P&W East Hartford Colt Street

	Location ID	CS-SD-66	CS-SD-66					
	Sample ID	1653143	1653144					
	Sample Date	01/15/1998	01/15/1998					
	Sample Time	12:35	12:50					
	Laboratory	accu	accu					
	Lab. Number	E29892-7	E29892-8					
Constituent	Units							
Date Metals Analyzed	-							
Date Organics Analyzed	-							
Date PCBs Analyzed	-	01/21/1998	01/21/1998					
Date Physical Analyzed	-							
Date Semi-volatile Organics Analyzed	-							
Arsenic	mg/kg							
Barium	mg/kg							
Beryllium	mg/kg							
Cadmium	mg/kg							
Chromium	mg/kg							
Cobalt	mg/kg							
Copper	mg/kg							
Lead	mg/kg							
Mercury	mg/kg							
Nickel	mg/kg							
Selenium	mg/kg							
Silver	mg/kg							
Thallium	mg/kg							
Tin	mg/kg							
Vanadium	mg/kg							
Zinc	mg/kg							
PCB 1254	µg/kg	423	576					
PCB 1260	µg/kg	178	217					
Total Petroleum Hydrocarbons	mg/kg							
Acenaphthene	µg/kg							
Acenaphthylene	µg/kg							
Anthracene	µg/kg							
Benzo[a]anthracene	µg/kg							
Benzo[a]pyrene	µg/kg							

Notes: 1. Only Detects Shown
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Table 2
SUMMARY OF CONSTITUENTS DETECTED IN SEDIMENT
P&W East Hartford Colt Street

	Location ID	CS-SD-66	CS-SD-66					
	Sample ID	1653143	1653144					
	Sample Date	01/15/1998	01/15/1998					
	Sample Time	12:35	12:50					
	Laboratory	accu	accu					
	Lab. Number	E29892-7	E29892-8					
Constituent	Units							
Benzo[b]fluoranthene	µg/kg							
Benzo[ghi]perylene	µg/kg							
Benzo[k]fluoranthene	µg/kg							
Bis(2-chloroethyl) Ether	µg/kg							
Bis(2-ethylhexyl) Phthalate	µg/kg							
Chrysene	µg/kg							
Di-n-butyl Phthalate	µg/kg							
Dibenzo[a,h]anthracene	µg/kg							
Dibenzofuran	µg/kg							
Fluoranthene	µg/kg							
Fluorene	µg/kg							
Indeno(1,2,3-cd)pyrene	µg/kg							
Methylnaphthalene,2-	µg/kg							
Naphthalene	µg/kg							
Phenanthrene	µg/kg							
Pyrene	µg/kg							
Dichlorodifluoromethane	µg/kg							
Ethylbenzene	µg/kg							
Methylene Chloride	µg/kg							
Tetrachloroethylene	µg/kg							
Trichloroethylene	µg/kg							

Notes: 1. Only Detects Shown
2. Printed on 02/26/99

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