









**Table E11**  
**SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION**  
**Pratt & Whitney, Pent Road, East Hartford, CT (Willgoos) - historic groundwater sampling**

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	Miscellaneous
EQUIPMENT	1656390	3/19/98			BKE		x		x			x	x
NW-MW-01	09011060992	6/10/92	0.0		GW		x					X	
NW-MW-01	09012060992	6/10/92	0.0		GW		x					X	
NW-MW-01I	09012111991	11/19/91	20.50	30.5	GW		x					X	
NW-MW-01S	09011111991	11/19/91	8.10	18.10	GW		x					X	
NW-MW-01S	1009539	12/21/95	8.10	18.10	GW		x						
NW-MW-02	09021111991	11/19/91	7.20	17.20	GW		X					X	
NW-MW-02	09021060992	6/10/92	7.20	17.20	GW		X					X	
NW-MW-03	09031111991	11/19/91	7.50	17.50	GW		x					X	
NW-MW-03	09031060992	6/10/92	7.50	17.50	GW		X					X	
NW-MW-04	09041111991	11/19/91	8.10	18.10	GW		x					x	
NW-MW-04	09041060992	6/10/92	8.10	18.10	GW		x					X	
NW-MW-04	NW-MW-04	5/31/95	8.10	18.10	GW		x						
NW-MW-04	1009544	12/21/95	8.10	18.10	GW		x						
NW-MW-05	09051111991	11/19/91	14.40	24.40	GW		X					X	
NW-MW-05	09051060992	6/10/92	14.40	24.40	GW		X					X	
NW-MW-05	NW-MW-05	5/31/95	14.40	24.40	GW		x						
NW-MW-05	1009545	12/21/95	14.40	24.40	GW		X						
NW-MW-06	1004998	12/23/94	0.0		GW		X						X
NW-MW-06	1009547	12/21/95	0.0		GW		X						
NW-MW-06	1009548	12/21/95	0.0		GW		X						
NW-MW-07	NW-MW-07	5/31/95	0.0		GW		X						
NW-MW-07	1009546	12/21/95	0.0		GW		X						
NW-MW-08	NW-MW-08	5/31/95	9.0		GW		X						
NW-MW-08	1009541	12/21/95	9.0		GW		X						
NW-MW-09	NW-MW-09	5/31/95	12.0	22.0	GW		X						
NW-MW-09	1009542	12/21/95	12.0	22.0	GW		x						
NW-MW-10	NW-MW-10	5/31/95	12.0	22.0	GW		X						
NW-MW-10	1009543	12/21/95	12.0	22.0	GW		X						
SW-MW-01	31390083139	8/31/90	3.0	18.0	GW		X						X
SW-MW-01	31390112650	11/26/90	3.0	18.0	GW		X						X

Notes: 1. Legend: x - mass, t - TCLP, s - SPLP, e - EPTOX, z - ZHE; Capitalized - at least one analyte detected  
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Location ID	Sample ID	Sample Date	From (ft)	To (ft)	Class	Portable GC	Volatile Organics	Semivolatile Organics	Herbicides	Pesticides	PCBs	Metals	Miscellaneous
SW-MW-01	31391022648	2/26/91	3.0	18.0	GW		x						X
SW-MW-01	30291053015	5/30/91	3.0	18.0	GW		x						X
SW-MW-02	31390083138	8/31/90	3.00	18.00	GW		X	x					X
SW-MW-02	31390112649	11/26/90	3.00	18.00	GW		X	x					X
SW-MW-02	31391022647	2/26/91	3.00	18.00	GW		X						X
SW-MW-02	30291053018	5/30/91	3.00	18.00	GW		x						X
SW-MW-03	31390083136	8/31/90	3.00	18.00	GW		x	x					X
SW-MW-03	31390112647	11/26/90	3.00	18.00	GW		x	x					X
SW-MW-03	31391022645	2/26/91	3.00	18.00	GW		x						X
SW-MW-03	30291053017	5/30/91	3.00	18.00	GW		X						X
SW-MW-04	31390083137	8/31/90	3.00	18.00	GW		x	x					X
SW-MW-04	31390112648	11/26/90	3.00	18.00	GW		x	x					X
SW-MW-04	31391022646	2/26/91	3.00	18.00	GW		x						X
SW-MW-05	31390083135	8/31/90	3.00	18.00	GW		x	x					X
SW-MW-05	31390112646	11/26/90	3.00	18.00	GW		x	x					X
SW-MW-05	31391022644	2/26/91	3.00	18.00	GW		x						X
SW-MW-05	30291053016	5/30/91	3.00	18.00	GW		x						X
SW-MW-06	31390083134	8/31/90	3.00	18.00	GW		x	x					X
SW-MW-06	31390112645	11/26/90	3.00	18.00	GW		x	x					X
SW-MW-06	31391022643	2/26/91	3.00	18.00	GW		x						X
SW-MW-10	08101111991	11/19/91	4.50	14.50	GW		X					X	
SW-MW-10	08101060992	6/10/92	4.50	14.50	GW		X					X	
SW-MW-801	31390090565	9/5/90	1.8	11.6	GW		x	x					X
SW-MW-801	31390112761	11/27/90	1.8	11.6	GW		X	x					X
SW-MW-801	31391022761	2/27/91	1.8	11.6	GW		X						X
SW-MW-9	08091111991	11/19/91	5.00	15.00	GW		x					x	
SW-MW-9	08091060992	6/10/92	5.00	15.00	GW							X	
SW-MW-A2	31390083142	8/31/90	0.7	10.6	GW		X	x					X
SW-MW-A2	31390112651	11/26/90	0.7	10.6	GW		X	x					X
SW-MW-A2	31391022757	2/27/91	0.7	10.6	GW		X						X
SW-MW-B2	31390083147	8/31/90	2.50	12.50	GW		x	x					X
SW-MW-B2	31390112759	11/27/90	2.50	12.50	GW		X	x					X

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Location ID	Sample ID	Sample Date	From (ft)	To (ft)	Class	Portable GC	Volatile Organics	Semivolatiles Organics	Herbicides	Pesticides	PCBs	Metals	Miscellaneous
SW-MW-B2	31391022754	2/27/91	2.50	12.50	GW		X						X
SW-MW-B2	30291053021	5/30/91	2.50	12.50	GW		x						X
SW-MW-C4	31390083143	8/31/90	-0.5	9.5	GW		X	x					X
SW-MW-C4	31390112652	11/26/90	-0.5	9.5	GW		X	x					X
SW-MW-C4	31391022752	2/27/91	-0.5	9.5	GW		X						X
SW-MW-D2	31390083146	8/31/90	1.0	10.0	GW		x	x					X
SW-MW-D2	31390112653	11/26/90	1.0	10.0	GW		X	x					X
SW-MW-D2	31391022753	2/27/91	1.0	10.0	GW		x						X
SW-MW-D2	30291053020	5/30/91	1.0	10.0	GW		X						X
SW-MW-D4	31390083145	8/31/90	2.50	12.50	GW		x	x					X
SW-MW-E01	31390090562	9/ 5/90	-1.0	9.00	GW		X	x					X
SW-MW-E05	31390090563	9/ 5/90	2.00	12.00	GW		X	x					X
SW-MW-E08	31390090564	9/ 5/90	-0.5	9.50	GW		X	x					X
SW-MW-E08	31390112654	11/26/90	-0.5	9.50	GW		x	x					X
SW-MW-E08	31391022760	2/27/91	-0.5	9.50	GW		X						X
SW-MW-F3	31390083149	8/31/90	6.00	16.00	GW		X	x					X
SW-MW-F3	31390112655	11/26/90	6.00	16.00	GW		x	x					X
SW-MW-F3	31391022759	2/27/91	6.00	16.00	GW		x						X
SW-MW-F5	31390083148	8/31/90	2.5	12.4	GW		x	x					X
SW-MW-G2	31390083140	8/31/90	2.00	12.00	GW		X	x					X
SW-MW-G2	31390112656	11/26/90	2.00	12.00	GW		X	x					X
SW-MW-G2	31391022758	2/27/91	2.00	12.00	GW		X						X
SW-MW-G4	31390083166	8/31/90	-2.0	8.00	GW		x	x					X
SW-MW-H4	31390083141	8/31/90	-1.0	9.00	GW		X	x					X
SW-MW-H4	31390112657	11/26/90	-1.0	9.00	GW		X	x					X
SW-MW-H4	31391022756	2/27/91	-1.0	9.00	GW		X						X
SW-MW-I2	31390083144	8/31/90	0.0	10.00	GW		X	x					X
SW-MW-I2	31390112658	11/26/90	0.0	10.00	GW		X	x					X
SW-MW-I2	31391022755	2/27/91	0.0	10.00	GW		X						X
SW-MW-I2	30291053019	5/30/91	0.0	10.00	GW		x						X
TRIP BLANK	1009540	12/21/95			BKT		x						
TRIP BLANK	1644141	10/10/97			BKT		x						

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Location ID	Sample ID	Sample Date	From (ft)	To (ft)	Class	Portable GC	Volatile Organics	Semivolatile Organics	Herbicides	Pesticides	PCBs	Metals	Miscellaneous
TRIP BLANK	1656372	3/18/98			BKT		x						
TRIP BLANK	1656385	3/19/98			BKT		x						
TRIP BLANK	1656389	3/19/98			BKT		x						

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**Table E12**  
**SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS)**  
**Pratt & Whitney, Pent Road, East Hartford, CT (Willgoos) - historic groundwater sampling**

	Location ID	NW-MW-01	NW-MW-01	NW-MW-011	NW-MW-01S	NW-MW-02	NW-MW-02	NW-MW-03
Sample ID		09011060992	09012060992	09012111991	09011111991	09021111991	09021060992	09031111991
Sample Date		06/10/1992	06/10/1992	11/19/1991	11/19/1991	11/19/1991	06/10/1992	11/19/1991
Sample Time								
Sample Depth		0.0'	0.0'	20.50' - 30.5	8.10' - 18.10	7.20' - 17.20	7.20' - 17.20	7.50' - 17.50
Laboratory		CEIM	CEIM	CEIM	CEIM	CEIM	CEIM	CEIM
Lab. Number		920297-14	920297-13	910646-11	910646-12	910646-13	920297-15	910646-14
Constituent	Units							
Depth to Water	foot							
Temperature	c deg							
Water Elevation	FT							
Date Organics Analyzed	-							
Date Physical Analyzed	-							
Barium	mg/l	.02	.09	.07	0.01	0.03	.05	0.02
Lead	mg/l							
Zinc	mg/l	.01	.01	0.01		0.01	.01	
Specific Conductivity	µmhos							
TPH	mg/L							
pH	SU							
Benzene	µg/l							
Ethyl Benzene	µg/l							
2-Butanone	µg/l							
1,1,1-Trichloroethane	µg/l					17	46	
1,1,2,2-Tetrachloroethane	µg/l							
1,1-Dichloroethane	µg/L							
1,1-Dichloroethylene	µg/L					5	18	
Dichloroethylene,1,2-, NOS	µg/l							
Vinyl Chloride	µg/L							
cis-1,2-Dichloroethylene	µg/L							
Tetrachloroethylene	µg/l							
trans-1,2-Dichloroethylene	µg/l							
Trichloroethylene	µg/L					17	35	
Chloroform	µg/l							
Methyl Isobutyl Ketone	µg/l							
Toluene	µg/l							
m-Xylene	µg/l							

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**Pratt & Whitney, Pent Road, East Hartford, CT (Willgoos) - historic groundwater sampling**

	Location ID	NW-MW-03	NW-MW-04	NW-MW-05	NW-MW-05	NW-MW-05	NW-MW-06	NW-MW-06
Sample ID		09031060992	09041060992	09051111991	09051060992	1009545	1004998	1009547
Sample Date		06/10/1992	06/10/1992	11/19/1991	06/10/1992	12/21/1995	12/23/1994	12/21/1995
Sample Time						16:30	10:10	16:50
Sample Depth		7.50' - 17.50	8.10' - 18.10	14.40' - 24.4	14.40' - 24.4	14.40' - 24.4	0.0'	0.0'
Laboratory		CEIM	CEIM	CEIM	CEIM	AEL	AEL	AEL
Lab. Number		920297-16	920297-17	910646-16	920297-18	AEL95014161	AEL94011703	AEL95014163
Constituent	Units							
Depth to Water	foot					15.85	12.00	11.02
Temperature	c deg							
Water Elevation	FT					22.88	-12.00	-11.02
Date Organics Analyzed	-					12/26/1995	01/04/1995	12/29/1995
Date Physical Analyzed	-						01/04/1995	
Barium	mg/l	.04	.03	0.02	.05			
Lead	mg/l			0.006				
Zinc	mg/l		.03		.01			
Specific Conductivity	µmhos							
TPH	mg/L						2550	
pH	SU							
Benzene	µg/l							
Ethyl Benzene	µg/l						1000	55
2-Butanone	µg/l							
1,1,1-Trichloroethane	µg/l	5		9		4.0		
1,1,2,2-Tetrachloroethane	µg/l							
1,1-Dichloroethane	µg/L							
1,1-Dichloroethylene	µg/L			5		1.3		
Dichloroethylene,1,2-, NOS	µg/l	46			18			
Vinyl Chloride	µg/L							
cis-1,2-Dichloroethylene	µg/L					17		
Tetrachloroethylene	µg/l							
trans-1,2-Dichloroethylene	µg/l			54				
Trichloroethylene	µg/L			51	24	26		
Chloroform	µg/l					2.4		
Methyl Isobutyl Ketone	µg/l							
Toluene	µg/l						1600	
m-Xylene	µg/l							

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	Location ID	NW-MW-06	NW-MW-07	NW-MW-07	NW-MW-08	NW-MW-08	NW-MW-09	NW-MW-10
	Sample ID	1009548	NW-MW-07	1009546	NW-MW-08	1009541	NW-MW-09	NW-MW-10
	Sample Date	12/21/1995	05/31/1995	12/21/1995	05/31/1995	12/21/1995	05/31/1995	05/31/1995
	Sample Time	16:55	:	16:25	:	15:20	:	:
	Sample Depth	0.0'	0.0'	0.0'	9.0'	9.0'	12.0' - 22.0'	12.0' - 22.0'
	Laboratory	AEL	AEL	AEL	AEL	AEL	AEL	AEL
	Lab. Number	AEL95014164	AEL95005895	AEL95014162	AEL95005896	AEL95014157	AEL95005897	AEL95005898
Constituent	Units							
Depth to Water	foot	11.02		7.5		13.58		
Temperature	c deg							
Water Elevation	FT	-11.02		-7.50		21.51		
Date Organics Analyzed	-	12/28/1995	06/12/1995	12/26/1995	06/13/1995	12/26/1995	06/12/1995	06/12/1995
Date Physical Analyzed	-							
Barium	mg/l							
Lead	mg/l							
Zinc	mg/l							
Specific Conductivity	µmhos							
TPH	mg/L							
pH	SU							
Benzene	µg/l		7.1		530	10	30	26
Ethyl Benzene	µg/l	75			22		81	40
2-Butanone	µg/l							
1,1,1-Trichloroethane	µg/l							
1,1,2,2-Tetrachloroethane	µg/l							
1,1-Dichloroethane	µg/L					1.3		
1,1-Dichloroethylene	µg/L			50				
Dichloroethylene,1,2-, NOS	µg/l							
Vinyl Chloride	µg/L			130				
cis-1,2-Dichloroethylene	µg/L			700		19		
Tetrachloroethylene	µg/l							
trans-1,2-Dichloroethylene	µg/l							
Trichloroethylene	µg/L			600				
Chloroform	µg/l							
Methyl Isobutyl Ketone	µg/l							
Toluene	µg/l				9.6			3.9
m-Xylene	µg/l							

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	Location ID	NW-MW-10	SW-MW-01	SW-MW-01	SW-MW-01	SW-MW-01	SW-MW-02	SW-MW-02
	Sample ID	1009543	31390083139	31390112650	31391022648	30291053015	31390083138	31390112649
	Sample Date	12/21/1995	08/31/1990	11/26/1990	02/26/1991	05/30/1991	08/31/1990	11/26/1990
	Sample Time	15:50	11:05	12:25	14:25	09:41	10:15	12:15
	Sample Depth	12.0' - 22.0'	3.0' - 18.0'	3.0' - 18.0'	3.0' - 18.0'	3.0' - 18.0'	3.00' - 18.00	3.00' - 18.00
	Laboratory	AEL	M&E?	M&E?	M&E?	AEL	M&E?	M&E?
	Lab. Number	AEL95014159	31390083139	31390112650	28928508	289-28-1366	31390083138	31390112649
Constituent	Units							
Depth to Water	foot	17.64	1.67	1.29	1.00	1.80	14.42	2.50
Temperature	c deg		19.9	10.7	4.1	16.0	12.3	12.1
Water Elevation	FT	20.57	16.79	17.17	17.46	16.66	2.65	14.57
Date Organics Analyzed	-	12/26/1995						
Date Physical Analyzed	-							
Barium	mg/l							
Lead	mg/l							
Zinc	mg/l							
Specific Conductivity	µmhos		541	574	571	465	238	220
TPH	mg/L							
pH	SU		6.02	6.60	6.52	6.50	5.15	5.95
Benzene	µg/l		2.0				5.0	3
Ethyl Benzene	µg/l							
2-Butanone	µg/l							
1,1,1-Trichloroethane	µg/l	1.6						
1,1,2,2-Tetrachloroethane	µg/l							
1,1-Dichloroethane	µg/L							
1,1-Dichloroethylene	µg/L							
Dichloroethylene,1,2-, NOS	µg/l							
Vinyl Chloride	µg/L							
cis-1,2-Dichloroethylene	µg/L							
Tetrachloroethylene	µg/l	2.3						
trans-1,2-Dichloroethylene	µg/l							
Trichloroethylene	µg/L	1.0						
Chloroform	µg/l							14
Methyl Isobutyl Ketone	µg/l							
Toluene	µg/l		2.0					
m-Xylene	µg/l		37.0				1.0	

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	Location ID	SW-MW-02	SW-MW-02	SW-MW-03	SW-MW-03	SW-MW-03	SW-MW-03	SW-MW-04
Sample ID	31391022647	30291053018	31390083136	31390112647	31391022645	30291053017	31390083137	
Sample Date	02/26/1991	05/30/1991	08/31/1990	11/26/1990	02/26/1991	05/30/1991	08/31/1990	
Sample Time	14:12	09:32	10:37	11:50	13:50	09:17	10:01	
Sample Depth	3.00' - 18.00	3.00' - 18.00	3.00' - 18.00	3.00' - 18.00	3.00' - 18.00	3.00' - 18.00	3.00' - 18.00	3.00' - 18.00
Laboratory	M&E?	AEL	M&E?	M&E?	M&E?	AEL	M&E?	
Lab. Number	28928505	289-28-1370	31390083136	31390112647	28928503	289-28-1368	31390083137	
Constituent	Units							
Depth to Water	foot	13.35	15.09	17.15	15.23	15.83	18.01	14.51
Temperature	c deg	8.7	11.0	12.8	13.4	9.0	11.1	11.7
Water Elevation	FT	3.72	1.98	4.43	6.35	5.75	3.57	1.85
Date Organics Analyzed	-							
Date Physical Analyzed	-							
Barium	mg/l							
Lead	mg/l							
Zinc	mg/l							
Specific Conductivity	µmhos	219	250	324	202	218	313	162
TPH	mg/L							
pH	SU	6.15	6.15	5.91	6.14	6.65	6.62	4.83
Benzene	µg/l	5.4						
Ethyl Benzene	µg/l						2.4	
2-Butanone	µg/l							
1,1,1-Trichloroethane	µg/l							
1,1,2,2-Tetrachloroethane	µg/l							
1,1-Dichloroethane	µg/L							
1,1-Dichloroethylene	µg/L							
Dichloroethylene,1,2-, NOS	µg/l							
Vinyl Chloride	µg/L							
cis-1,2-Dichloroethylene	µg/L							
Tetrachloroethylene	µg/l							
trans-1,2-Dichloroethylene	µg/l							
Trichloroethylene	µg/L							
Chloroform	µg/l							
Methyl Isobutyl Ketone	µg/l						1.5	
Toluene	µg/l							
m-Xylene	µg/l							

Notes: 1. Only Detects Shown  
2. Printed on 09/05/01





**Table E12**  
**SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS)**  
**Pratt & Whitney, Pent Road, East Hartford, CT (Willgoos) - historic groundwater sampling**

	Location ID	SW-MW-04	SW-MW-04	SW-MW-05	SW-MW-05	SW-MW-05	SW-MW-05	SW-MW-06
	Sample ID	31390112648	31391022646	31390083135	31390112646	31391022644	30291053016	31390083134
	Sample Date	11/26/1990	02/26/1991	08/31/1990	11/26/1990	02/26/1991	05/30/1991	08/31/1990
	Sample Time	11:54	14:00	10:25	11:27	13:32		09:55
	Sample Depth	3.00' - 18.00	3.00' - 18.00	3.00' - 18.00	3.00' - 18.00	3.00' - 18.00	3.00' - 18.00	3.00' - 18.00
	Laboratory	M&E?	M&E?	M&E?	M&E?	M&E?	AEL	M&E?
	Lab. Number	31390112648	28928504	31390083135	31390112646	28928502	289-28-1367	31390083134
Constituent	Units							
Depth to Water	foot	12.55	13.56	16.66	14.83	15.83	17.63	13.51
Temperature	c deg	12.0	8.4	13.5	13.3	10.0	12.2	12.9
Water Elevation	FT	3.81	2.80	4.49	6.32	5.32	3.52	1.80
Date Organics Analyzed	-							
Date Physical Analyzed	-							
Barium	mg/l							
Lead	mg/l							
Zinc	mg/l							
Specific Conductivity	µmhos	170	165	190	134	155	228	145
TPH	mg/L							
pH	SU	5.56	6.23	5.66	6.02	6.27	6.58	5.11
Benzene	µg/l							
Ethyl Benzene	µg/l							
2-Butanone	µg/l							
1,1,1-Trichloroethane	µg/l							
1,1,2,2-Tetrachloroethane	µg/l							
1,1-Dichloroethane	µg/L							
1,1-Dichloroethylene	µg/L							
Dichloroethylene,1,2-, NOS	µg/l							
Vinyl Chloride	µg/L							
cis-1,2-Dichloroethylene	µg/L							
Tetrachloroethylene	µg/l							
trans-1,2-Dichloroethylene	µg/l							
Trichloroethylene	µg/L							
Chloroform	µg/l							
Methyl Isobutyl Ketone	µg/l							
Toluene	µg/l							
m-Xylene	µg/l							

Notes: 1. Only Detects Shown  
2. Printed on 09/05/01





**Table E12**  
**SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS)**  
**Pratt & Whitney, Pent Road, East Hartford, CT (Willgoos) - historic groundwater sampling**

	Location ID	SW-MW-06	SW-MW-06	SW-MW-10	SW-MW-10	SW-MW-801	SW-MW-801	SW-MW-801
	Sample ID	31390112645	31391022643	08101111991	08101060992	31390090565	31390112761	31391022761
	Sample Date	11/26/1990	02/26/1991	11/19/1991	06/10/1992	09/05/1990	11/27/1990	02/27/1991
	Sample Time	11:10	13:25			14:55	11:10	13:30
	Sample Depth	3.00' - 18.00	3.00' - 18.00	4.50' - 14.50	4.50' - 14.50	1.8' - 11.6'	1.8' - 11.6'	1.8' - 11.6'
	Laboratory	M&E?	M&E?	CEIM	CEIM	M&E?	M&E?	M&E?
	Lab. Number	31390112645	28928501	910646-20	920297-27	31390090565	31390112761	28928520
Constituent	Units							
Depth to Water	foot	11.60	12.59			13.35	13.59	13.88
Temperature	c deg	12.2	8.0			17.6	15.0	9.4
Water Elevation	FT	3.71	2.72			24.31	24.07	23.78
Date Organics Analyzed	-							
Date Physical Analyzed	-							
Barium	mg/l				.2			
Lead	mg/l			0.008				
Zinc	mg/l				.02			
Specific Conductivity	µmhos	175	162			133	131	147
TPH	mg/L							
pH	SU	5.06	5.87			5.72	6.24	6.62
Benzene	µg/l						2	1.7
Ethyl Benzene	µg/l							
2-Butanone	µg/l							
1,1,1-Trichloroethane	µg/l			8	7		1	
1,1,2,2-Tetrachloroethane	µg/l							
1,1-Dichloroethane	µg/L							
1,1-Dichloroethylene	µg/L							
Dichloroethylene,1,2-, NOS	µg/l							
Vinyl Chloride	µg/L							
cis-1,2-Dichloroethylene	µg/L							
Tetrachloroethylene	µg/l							
trans-1,2-Dichloroethylene	µg/l							
Trichloroethylene	µg/L							
Chloroform	µg/l							
Methyl Isobutyl Ketone	µg/l							
Toluene	µg/l							
m-Xylene	µg/l							

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**Table E12**  
**SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS)**  
**Pratt & Whitney, Pent Road, East Hartford, CT (Willgoos) - historic groundwater sampling**

	Location ID	SW-MW-9	SW-MW-A2	SW-MW-A2	SW-MW-A2	SW-MW-B2	SW-MW-B2	SW-MW-B2
	Sample ID	08091060992	31390083142	31390112651	31391022757	31390083147	31390112759	31391022754
	Sample Date	06/10/1992	08/31/1990	11/26/1990	02/27/1991	08/31/1990	11/27/1990	02/27/1991
	Sample Time		13:28	13:58	12:25	14:25	10:40	11:30
	Sample Depth	5.00' - 15.00	0.7' - 10.6'	0.7' - 10.6'	0.7' - 10.6'	2.50' - 12.50	2.50' - 12.50	2.50' - 12.50
	Laboratory	CEIM	M&E?	M&E?	M&E?	M&E?	M&E?	M&E?
	Lab. Number	920297-26	31390083142	31390112651	28928516	31390083147	31390112759	28928513
Constituent	Units							
Depth to Water	foot		5.60	6.01	6.05	8.54	8.93	9.65
Temperature	c deg		21.1	13.0	7.4	19.6	13.2	9.0
Water Elevation	FT		25.57	25.16	25.12	23.18	22.79	22.07
Date Organics Analyzed	-							
Date Physical Analyzed	-							
Barium	mg/l	.05						
Lead	mg/l							
Zinc	mg/l	.02						
Specific Conductivity	µmhos		193	273	188	95	96	90
TPH	mg/L							
pH	SU		5.20	5.92	6.75	5.73	6.78	6.65
Benzene	µg/l		269.0	197	170			3.3
Ethyl Benzene	µg/l		226.0	262	200			
2-Butanone	µg/l				150			
1,1,1-Trichloroethane	µg/l							
1,1,2,2-Tetrachloroethane	µg/l						3136	
1,1-Dichloroethane	µg/L							
1,1-Dichloroethylene	µg/L							
Dichloroethylene, 1,2-, NOS	µg/l							
Vinyl Chloride	µg/L							
cis-1,2-Dichloroethylene	µg/L							
Tetrachloroethylene	µg/l						3136	
trans-1,2-Dichloroethylene	µg/l							
Trichloroethylene	µg/L							
Chloroform	µg/l				2.2			
Methyl Isobutyl Ketone	µg/l				340			
Toluene	µg/l		797.0	1049	890		801	
m-Xylene	µg/l		1076.0					

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2. Printed on 09/05/01



**Table E12**  
**SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS)**  
**Pratt & Whitney, Pent Road, East Hartford, CT (Willgoos) - historic groundwater sampling**

	Location ID	SW-MW-B2	SW-MW-C4	SW-MW-C4	SW-MW-C4	SW-MW-D2	SW-MW-D2	SW-MW-D2
Sample ID		30291053021	31390083143	31390112652	31391022752	31390083146	31390112653	31391022753
Sample Date		05/30/1991	08/31/1990	11/26/1990	02/27/1991	08/31/1990	11/26/1990	02/27/1991
Sample Time		10:14	13:38	13:40	11:05	14:15	14:15	11:15
Sample Depth		2.50' - 12.50'	-0.5' - 9.5'	-0.5' - 9.5'	-0.5' - 9.5'	1.0' - 10.0'	1.0' - 10.0'	1.0' - 10.0'
Laboratory		AEL	M&E?	M&E?	M&E?	M&E?	M&E?	M&E?
Lab. Number		289-28-1371	31390083143	31390112652	28928511	31390083146	31390112653	28928512
Constituent	Units							
Depth to Water	foot	9.30	5.73	6.04	6.09	7.76	8.05	8.46
Temperature	c deg	19.9	18.3	12.1	7.2	18.2	13.5	8.1
Water Elevation	FT	22.42	25.15	24.84	24.79	23.04	22.75	22.34
Date Organics Analyzed	-							
Date Physical Analyzed	-							
Barium	mg/l							
Lead	mg/l							
Zinc	mg/l							
Specific Conductivity	µmhos	97	182	404	394	151	170	110
TPH	mg/L							
pH	SU	6.18	5.91	6.64	6.62	5.95	6.50	6.88
Benzene	µg/l		2.0	30	14			
Ethyl Benzene	µg/l							
2-Butanone	µg/l							
1,1,1-Trichloroethane	µg/l							
1,1,2,2-Tetrachloroethane	µg/l							
1,1-Dichloroethane	µg/L							
1,1-Dichloroethylene	µg/l							
Dichloroethylene,1,2-, NOS	µg/l							
Vinyl Chloride	µg/L							
cis-1,2-Dichloroethylene	µg/L							
Tetrachloroethylene	µg/l							
trans-1,2-Dichloroethylene	µg/l							
Trichloroethylene	µg/L							
Chloroform	µg/l							
Methyl Isobutyl Ketone	µg/l							
Toluene	µg/l		12.0		9.7			
m-Xylene	µg/l		4.0					

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2. Printed on 09/05/01





**Table E12**  
**SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS)**  
**Pratt & Whitney, Pent Road, East Hartford, CT (Willgoos) - historic groundwater sampling**

	Location ID	SW-MW-D2	SW-MW-D4	SW-MW-E01	SW-MW-E05	SW-MW-E08	SW-MW-E08	SW-MW-E08
Sample ID	30291053020	31390083145	31390090562	31390090563	31390090564	31390112654	31391022760	
Sample Date	05/30/1991	08/31/1990	09/05/1990	09/05/1990	09/05/1990	11/26/1990	02/27/1991	
Sample Time	11:27	14:10	15:15	15:33	15:15	14:15	13:05	
Sample Depth	1.0' - 10.0'	2.50' - 12.50'	-1.0' - 9.00'	2.00' - 12.00'	-0.5' - 9.50'	-0.5' - 9.50'	-0.5' - 9.50'	
Laboratory	AEL	M&E?	M&E?	M&E?	M&E?	M&E?	M&E?	
Lab. Number	289-28-1369	31390083145	31390090562	31390090563	31390090564	31390112654	28928519	
Constituent	Units							
Depth to Water	foot	8.15	9.10	6.07	7.39	5.99	6.40	7.20
Temperature	c deg	16.8	18.5	19.2	18.3	17.6	14.1	10.0
Water Elevation	FT	22.65	23.62	23.54	-7.39	-5.99	-6.40	-7.20
Date Organics Analyzed	-							
Date Physical Analyzed	-							
Barium	mg/l							
Lead	mg/l							
Zinc	mg/l							
Specific Conductivity	µmhos	126	156	150	360	60	52	80
TPH	mg/L							
pH	SU	6.40	5.71	6.31	5.90	6.63	6.82	6.78
Benzene	µg/l			8.0	67.0			
Ethyl Benzene	µg/l			7.0	147.0			40
2-Butanone	µg/l							
1,1,1-Trichloroethane	µg/l							
1,1,2,2-Tetrachloroethane	µg/l							
1,1-Dichloroethane	µg/L							
1,1-Dichloroethylene	µg/L							
Dichloroethylene,1,2-, NOS	µg/l							
Vinyl Chloride	µg/L							
cis-1,2-Dichloroethylene	µg/L							
Tetrachloroethylene	µg/l							
trans-1,2-Dichloroethylene	µg/l							
Trichloroethylene	µg/L							
Chloroform	µg/l							
Methyl Isobutyl Ketone	µg/l							1.5
Toluene	µg/l			13.0	281.0			
m-Xylene	µg/l			45.0	417.0	3.0		

Notes: 1. Only Detects Shown  
2. Printed on 09/05/01



**Table E12**  
**SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS)**  
**Pratt & Whitney, Pent Road, East Hartford, CT (Willgoos) - historic groundwater sampling**

	Location ID	SW-MW-F3	SW-MW-F3	SW-MW-F3	SW-MW-F5	SW-MW-G2	SW-MW-G2	SW-MW-G2
	Sample ID	31390083149	31390112655	31391022759	31390083148	31390083140	31390112656	31391022758
	Sample Date	08/31/1990	11/26/1990	02/27/1991	08/31/1990	08/31/1990	11/26/1990	02/27/1991
	Sample Time	14:25	15:15	13:00	15:45	12:50	13:05	12:30
	Sample Depth	6.00' - 16.00	6.00' - 16.00	6.00' - 16.00	2.5' - 12.4'	2.00' - 12.00	2.00' - 12.00	2.00' - 12.00
	Laboratory	M&E?	M&E?	M&E?	M&E?	M&E?	M&E?	M&E?
	Lab. Number	31390083149	31390112655	28928518	31390083148	31390083140	31390112656	28928517
Constituent	Units							
Depth to Water	foot	10.50	10.67	10.80	6.64	6.15	6.64	6.64
Temperature	c deg	14.5	13.8	10.6	17.0	17.7	13.3	7.9
Water Elevation	FT	21.65	21.48	21.35	23.91	26.81	26.32	26.32
Date Organics Analyzed	-							
Date Physical Analyzed	-							
Barium	mg/l							
Lead	mg/l							
Zinc	mg/l							
Specific Conductivity	µmhos	140	130	126	65	280	248	216
TPH	mg/L							
pH	SU	6.25	6.53	6.76	5.29	5.99	6.35	6.68
Benzene	µg/l					20.0		46
Ethyl Benzene	µg/l						190	100
2-Butanone	µg/l							
1,1,1-Trichloroethane	µg/l							
1,1,2,2-Tetrachloroethane	µg/l							
1,1-Dichloroethane	µg/L							
1,1-Dichloroethylene	µg/L							
Dichloroethylene,1,2-, NOS	µg/l							
Vinyl Chloride	µg/L							
cis-1,2-Dichloroethylene	µg/L							
Tetrachloroethylene	µg/l							1.1
trans-1,2-Dichloroethylene	µg/l							
Trichloroethylene	µg/L							
Chloroform	µg/l							
Methyl Isobutyl Ketone	µg/l							
Toluene	µg/l	3.0				37.0	1445	900
m-Xylene	µg/l	11.0				1082.0		

Notes: 1. Only Detects Shown  
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**Table E12**  
**SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS)**  
**Pratt & Whitney, Pent Road, East Hartford, CT (Willgoos) - historic groundwater sampling**

	Location ID	SW-MW-G4	SW-MW-H4	SW-MW-H4	SW-MW-H4	SW-MW-I2	SW-MW-I2	SW-MW-I2
Sample ID	31390083166	31390083141	31390112657	31391022756	31390083144	31390112658	31391022755	
Sample Date	08/31/1990	08/31/1990	11/26/1990	02/27/1991	08/31/1990	11/26/1990	02/27/1991	
Sample Time	12:52	12:50	13:07	12:10	13:35	14:17	11:42	
Sample Depth	-2.0' - 8.00'	-1.0' - 9.00'	-1.0' - 9.00'	-1.0' - 9.00'	0.0' - 10.00'	0.0' - 10.00'	0.0' - 10.00'	
Laboratory	M&E?							
Lab. Number	31390083166	31390083141	31390112657	28928515	31390083144	31390112658	28928514	
Constituent	Units							
Depth to Water	foot	5.86	4.42	4.79	4.65	8.78	9.05	9.44
Temperature	c deg	19.5	20.1	12.8	6.7	17.7	12.9	8.0
Water Elevation	FT	26.99	26.85	26.48	26.62	23.87	23.60	23.21
Date Organics Analyzed	-							
Date Physical Analyzed	-							
Barium	mg/l							
Lead	mg/l							
Zinc	mg/l							
Specific Conductivity	µmhos	44	130	134	128	152	138	131
TPH	mg/L							
pH	SU	4.02	5.57	6.72	6.51	5.42	6.26	6.26
Benzene	µg/l			115		1.0	2	
Ethyl Benzene	µg/l		53.0	1162	230			
2-Butanone	µg/l							
1,1,1-Trichloroethane	µg/l							
1,1,2,2-Tetrachloroethane	µg/l							
1,1-Dichloroethane	µg/L							
1,1-Dichloroethylene	µg/L							
Dichloroethylene,1,2-, NOS	µg/l							
Vinyl Chloride	µg/L							
cis-1,2-Dichloroethylene	µg/L							
Tetrachloroethylene	µg/l							
trans-1,2-Dichloroethylene	µg/l							
Trichloroethylene	µg/L							
Chloroform	µg/l				2.9			5.1
Methyl Isobutyl Ketone	µg/l				86			28
Toluene	µg/l		41.0	378	150	2.0	5	
m-Xylene	µg/l		1419.0			2.0		

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**Table E12**  
**SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS)**  
**Pratt & Whitney, Pent Road, East Hartford, CT (Willgoos) - historic groundwater sampling**

Location ID	SW-MW-12						
Sample ID	30291053019						
Sample Date	05/30/1991						
Sample Time	11:30						
Sample Depth	0.0' - 10.00'						
Laboratory	AEL						
Lab. Number	289-28-1365						
Constituent	Units						
Depth to Water	foot	9.15					
Temperature	c deg	14.7					
Water Elevation	FT	23.50					
Date Organics Analyzed	-						
Date Physical Analyzed	-						
Barium	mg/l						
Lead	mg/l						
Zinc	mg/l						
Specific Conductivity	µmhos	107					
TPH	mg/L						
pH	SU	6.10					
Benzene	µg/l						
Ethyl Benzene	µg/l						
2-Butanone	µg/l						
1,1,1-Trichloroethane	µg/l						
1,1,2,2-Tetrachloroethane	µg/l						
1,1-Dichloroethane	µg/L						
1,1-Dichloroethylene	µg/L						
Dichloroethylene,1,2-, NOS	µg/l						
Vinyl Chloride	µg/L						
cis-1,2-Dichloroethylene	µg/L						
Tetrachloroethylene	µg/l						
trans-1,2-Dichloroethylene	µg/l						
Trichloroethylene	µg/L						
Chloroform	µg/l						
Methyl Isobutyl Ketone	µg/l						
Toluene	µg/l						
m-Xylene	µg/l						

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2. Printed on 09/05/01



