



**VOLUME II
PHASE II SUPPLEMENTAL INVESTIGATION
FOR THE FORMER GENERAL ELECTRIC FACILITY, 50
FORDHAM ROAD, WILMINGTON/NORTH READING,
MASSACHUSETTS**

Prepared For
GE AEROSPACE
P.O. Box 247
Utica, NY 13503

November 1991

WEHRAN ENGINEERING CORPORATION
Andover, Massachusetts

Environmental Engineers • Scientists • Constructors

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APPENDIX A
SOIL BORING AND WELL CONSTRUCTION LOGS



PROJECT: GE - Wilmington - Eastern Parking Lot

PROJECT NO: 0150103

CLIENT: GE - Aerospace

RIG: Mobile B-53

CONTRACTOR: New Hampshire Boring

GS ELEV:

N-S COORD:

E-W COORD:

WL REF ELEV:

DATE STARTED: 09/12/91

DATE FINISHED: 09/12/91

OPERATOR: Greg Leavitt

GEOLOGIST: Craig Durrett

GROUNDWATER DATA (feet)					CASING	SAMPLE	TUBE	CORE	
DATE	GW DEPTH	GW ELEV	INTAKE		TYPE				
09/12/91	~5.5 B.G.				OIAM	4.25" ID	2" OD		
					HEIGHT		140 lbs.		
					FALL		30"		

WELL CONSTRUCT	DEPTH (feet)	SAMPLE NUMBER	SAMPLE & TYPE	RECOVERY (inches)	N-VALUE	LOG	HNU	FIELD DESCRIPTION (Modified Burmister Methodology)	REMARKS
		S-1	X	12	58		0	2 inches Asphalt	
								- FILL -	
		S-2	X	10	67		0.2	Dense, brown, fine to coarse SAND, little Gravel	
								- ORGANIC SAND -	
	5	S-3	X	14	116		0.8	Dense, dark brown to black, fine to medium SAND, little Gravel, some plant fragments and organics	1
								- SAND -	
		S-4	X	3	33		0	Dense, gray-brown, fine to coarse SAND, some Gravel, saturated in bottom	
								Similar to above, saturated	
								END OF BORING AT 8 FEET	
	10							1. Sample GEW-SS-BI-001 submitted for analysis of Total Petroleum Hydrocarbons.	
	15								
	20								
	25								

E. parking lot area



PROJECT: GE - Wilmington - Eastern Parking Lot
 CLIENT: GE - Aerospace
 CONTRACTOR: New Hampshire Boring

PROJECT NO: 01501.03

RIG: Mobile B-53

GS ELEV:
 N-S COORD:
 E-W COORD:
 WL REF ELEV:
 DATE STARTED: 09/12/91
 DATE FINISHED: 09/12/91
 OPERATOR: Greg Leavitt
 GEOLOGIST: Craig Durrett

GROUNDWATER DATA (feet)				CASING	SAMPLE	TUBE	CORE
DATE	GW DEPTH	GW ELEV	INTAKE	TYPE			
09/12/91	~5.5' B.G.			DIAM.	4.25" ID	2" OD	
				WEIGHT		140 lbs.	
				FALL		30"	

WELL CONSTRUCT	DEPTH (feet)	SAMPLE NUMBER	SAMPLE & TYPE	RECOVERY (inches)	N-VALUE	LOG	HNu	FIELD DESCRIPTION (Modified Burmister Methodology)	REMARKS
		S-1	X	3	27		0.2	2 inches Asphalt - FILL - Medium dense, brown, fine to coarse SAND, little Gravel	1
		S-2	X	0	6		-	- ORGANIC SAND - 5 inches dark brown, fine to medium SAND, some organics and plant fragments	2
	5	S-3	X	10	31		210	- SAND - 5 inches dense, brown, fine to coarse SAND, trace Gravel, wet, strong odor	
		S-4	X	12	14		200	Medium dense, brown, fine to coarse SAND, little fine Gravel, saturated	
								END OF BORING AT 8 FEET	
	10							1 No recovery 2. Sample GEW-SS-B2-002 submitted for analysis of Volatile Organic Compounds and Total Petroleum Hydrocarbons.	
								(0.12 feet of product detected inside augers after 10 minutes of stabilization)	
	15								
	20								
	25								

E-parking lot area



PROJECT: GE - Wilmington - Eastern Parking Lot
 CLIENT: GE - Aerospace
 CONTRACTOR: New Hampshire Boring

PROJECT NO: 01501.03

RIG: Mobile B-53

GS ELEV:

N-S COORD:

E-W COORD:

WL REF ELEV:

DATE STARTED: 09/12/91

DATE FINISHED: 09/12/91

OPERATOR: Greg Leavitt

GEOLOGIST: Craig Durrett

GROUNDWATER DATA (feet)				CASING	SAMPLE	TUBE	CORE
DATE	GW DEPTH	GW ELEV	INTAKE	TYPE	HSA	SS	
				DIAM.	4.25" ID	2" OD	
				WEIGHT		140 lbs.	
				FALL		30"	

WELL CONSTRUCT	DEPTH (feet)	SAMPLE NUMBER	SAMPLE & TYPE	RECOVERY (inches)	N-VALUE	LOG	HNu	FIELD DESCRIPTION (Modified Burmister Methodology)	REMARKS
		S-1	X	6	60		0.2	2 inches Asphalt - FILL - Dense, brown, fine to coarse SAND, little Gravel Similar to above	
		S-2	X	6	7		0.2	- ORGANIC SAND - Loose, dark brown, fine to medium SAND, trace Silt, some organics and plant fragments Similar to above	
	5	S-3	X	16	116		0.2	- SAND - Dense, brown, fine to coarse SAND, little Gravel	
		S-4	X	8	65		0.2	Dense, brown, fine to coarse SAND, little Gravel, trace Silt, saturated	
								END OF BORING AT 8 FEET	1
	10							1. Groundwater not observed in boring at time of drilling.	
	15								
	20								
	25								

*E. parking lot
area*



PROJECT: GE - Wilmington - Eastern Parking Lot

PROJECT NO: 01501.03

CLIENT: GE - Aerospace

RIG: Mobile B-53

CONTRACTOR: New Hampshire Boring

GS ELEV:

N-S COORD:

E-W COORD:

WL REF ELEV:

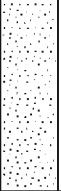
DATE STARTED: 09/12/91

DATE FINISHED: 09/12/91

OPERATOR: Greg Leavitt

GEOLOGIST: Craig Durrett

GROUNDWATER DATA (feet)					CASING	SAMPLE	TUBE	CORE	
DATE	GW DEPTH	GW ELEV	INTAKE	TYPE	HSA	SS			
				DIAM	4.25" ID	2" OD			
				WEIGHT		140 lbs.			
				FALL		30"			

WELL CONSTRUCT	DEPTH (feet)	SAMPLE NUMBER	SAMPLE & TYPE	RECOVERY (inches)	N-VALUE	LOG	HNU	FIELD DESCRIPTION (Modified Burmister Methodology)	REMARKS
		S-1	X	6	150		0.2	2 inches Asphalt - FILL - Dense, brown, coarse to fine SAND, some Gravel	1
									2
	-5	S-2A	X	14	59		175	- SAND - Very dense, coarse to fine SAND, some Gravel, moist	3
		S-2B	X				260	Similar to above, saturated	
		S-3	X	16	35		210	Dense, grayish-brown, fine to coarse SAND, little Gravel, saturated	4
	-10							END OF BORING AT 9 FEET	
								1. Split spoon refusal at 1.4 feet 2. Auger through Boulders 1.5 to 5 feet 3. Sample GEW-SS-B4-003 submitted for analysis of Volatile Organic Compound and Total Petroleum Hydrocarbons.	
	-15							(0.04 feet of product detected inside augers after 10 mins. of stabilization.) 4. Groundwater not observed in boring at time of drilling.	
	-20								
	-25								

E. parking lot area



PROJECT: GE - Wilmington - Tank K
 CLIENT: GE - Aerospace
 CONTRACTOR: New Hampshire Boring

PROJECT NO: 01501.01

RIG: Mobile B-53

GS ELEV: 80.35ft.

N-S COORD:

E-W COORD:

WL REF ELEV: (PVC) 79.96ft.

DATE STARTED: 09/12/91

DATE FINISHED: 09/13/91

OPERATOR: Greg Leavitt

GEOLOGIST: Craig Durrett

GROUNDWATER DATA (feet)				CASING	SAMPLE	TUBE	CORE
DATE	GW DEPTH	GW ELEV	INTAKE	TYPE			
09/30/91	3.22 (PVC)	76.74	60.35 - 50.35	HSA	SS		
				DIAM.	4.25" ID	2" OD	
				WEIGHT		140 lbs.	
				FALL		30"	

WELL CONSTRUCT	DEPTH (feet)	SAMPLE NUMBER	SAMPLE & TYPE	RECOVERY (inches)	N-VALUE	LOG	HNU	FIELD DESCRIPTION (Modified Burmister Methodology)	REMARKS
		S-1	X	17	54		170	2" Asphalt	
		S-2	X	4	70		170	- FILL - Very dense, dark brown, medium to fine SAND, trace Gravel, wood fragments, strong odor	
	5	S-3	X	12	33		50	- ORGANIC SAND - Dense, dark brown, fine to medium SAND, little Silt, little organics and plant fragments, trace Gravel, moist	
		S-4	X	16	40		150	- SAND - Dense, gray, medium to fine SAND, little Silt, strong odor, saturated	1
	10	S-5	X	17	18		180	Medium dense, gray, medium to fine SAND, little Silt with lens of rust brown, coarse to fine SAND 1" thick, strong odor, saturated	
	15	S-6	X	12	26		150	- SAND & GRAVEL - Medium dense, olive brown to gray, coarse to medium SAND and GRAVEL, saturated	2
	20	S-7	X	6	23		18	Medium dense, olive brown to gray, coarse to medium SAND and GRAVEL, saturated	
	25	S-8	X	20	68		14	Very dense, brown, coarse to fine SAND, some +Gravel, saturated	



BORING/WELL NO. B-6/WE-4S

SHEET 1 of 1

GS ELEV: 80.35ft.

N-S COORD:

E-W COORD:

WL REF ELEV: (PVC) 79.96ft.

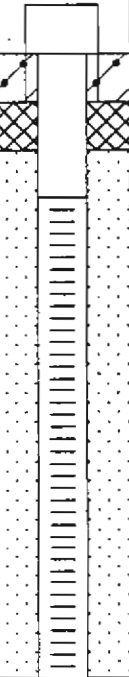
DATE STARTED: 09/13/91

DATE FINISHED: 09/13/91

OPERATOR: Greg Leavitt

GEOLOGIST: *Craig Durrett*

GROUNDWATER DATA (feet)				CASING	SAMPLE	TUBE	CORE
<u>DATE</u>	<u>GW DEPTH</u>	<u>GW ELEV</u>	<u>INTAKE</u>	TYPE	HSA	SS	
09/30/91	3.15 (PVC)	76.81	77.35 - 67.35	DIAM.	4.25" ID	2" OD	
				WEIGHT		140 lbs.	
				FALL		30"	

WELL CONSTRUCT		DEPTH (feet)	SAMPLE NUMBER	SAMPLE & TYPE	RECOVERY (inches)	N-VALUE	LOG	HNU	FIELD DESCRIPTION (Modified Burmister Methodology)	REMARKS
									See Boring Log for B-5/WE-4D for geologic descriptions of soils.	
									END OF BORING AT 13 FEET	
									<i>Town & area</i>	



PROJECT: GE - Wilmington - Tank K
 CLIENT: GE - Aerospace
 CONTRACTOR: New Hampshire Boring

PROJECT NO: 01501.01

RIG: Mobile B-53

GS ELEV:

N-S COORD:

E-W COORD:

WL REF ELEV:

DATE STARTED: 09/13/91

DATE FINISHED: 09/13/91

OPERATOR: Greg Leavitt

GEOLOGIST: Craig Durrett

GROUNDWATER DATA (feet)				CASING	SAMPLE	TUBE	CORE
DATE	GW DEPTH	GW ELEV	INTAKE	TYPE	HSA	SS	
09/13/91	~6.0' B.G.			DIAM	4.25" ID	2" OD	
				WEIGHT		140 lbs.	
				FALL		30"	

WELL CONSTRUCT	DEPTH (feet)	SAMPLE NUMBER	SAMPLE & TYPE	RECOVERY (inches)	N-VALUE	LOG	HNu	FIELD DESCRIPTION (Modified Burmister Methodology)	REMARKS
		S-1	X	10	38		0	2 inches Asphalt	
		S-2	X	3	--		0.2	- FILL - Dense, brown, coarse to fine SAND, some Gravel	
								Similar with dark brown, organic-rich SAND at bottom split-spoon refusal at 2.5 feet	
	5	S-3A	X	20	31		0.4	- SAND - Dense, dark brown to gray, coarse to fine SAND, moist	
		S-3B	X	20	31		0.2	Dense, gray, coarse to fine SAND, saturated	
	10	S-4	X	23	13		0.2	Medium dense, gray, coarse to fine SAND	
								END OF BORING AT 12 FEET	
	15							1. Auger through boulders 2.5 to 4.5 feet	
	20								
	25								

Tank area



PROJECT: GE - Wilmington - Tank K
 CLIENT: GE - Aerospace
 CONTRACTOR: New Hampshire Boring

PROJECT NO: 01501.01

RIG: Mobile B-53

GS ELEV:
 N-S COORD:
 E-W COORD:
 WL REF ELEV:
 DATE STARTED: 09/13/91
 DATE FINISHED: 09/13/91
 OPERATOR: Greg Leavitt
 GEOLOGIST: Craig Durrett

GROUNDWATER DATA (feet)				CASING	SAMPLE	TUBE	CORE
DATE	GW DEPTH	GW ELEV	INTAKE	TYPE	HSA	SS	
09/13/91	~6.0' B.G.			DIAM	4.25" ID	2" OD	
				WEIGHT		140 lbs.	
				FALL		30"	

WELL CONSTRUCT	DEPTH (feet)	SAMPLE NUMBER	SAMPLE & TYPE	RECOVERY (inches)	N-VALUE	LOG	HNu	FIELD DESCRIPTION (Modified Burmister Methodology)	REMARKS
		S-1	X	10	41		.2	2 inches Topsoil - FILL - Dense, brown, coarse to fine SAND, little Gravel	
		S-2	X	5	13		.6	Medium dense, brown, coarse to fine SAND, little Gravel	
	5	S-3	X	5	14		.4	Medium dense, brown, coarse to fine SAND, little Gravel	
		S-4	X	14	16		.2	- SAND - Medium dense, gray, coarse to fine SAND, little Gravel, trace Silt, saturated	
	10	S-5	X	18	20		.2	Medium dense, gray, coarse to fine SAND, little Gravel, trace Silt, saturated	
								END OF BORING AT 12 FEET	
	15							1 2" metal conduit encountered at 1 foot below ground. Drill rig moved 2 feet south after sample S-1.	
	20								
	25								

Tank area



PROJECT: GE - Wilmington - Tank K
 CLIENT: GE - Aerospace
 CONTRACTOR: New Hampshire Boring

PROJECT NO: 01501.01

RIG: Mobile B-53

GS ELEV: 80.63ft.

N-S COORD:

E-W COORD:

WL REF ELEV: (PVC) 80.34ft.

DATE STARTED: 09/16/91

DATE FINISHED: 09/16/91

OPERATOR: Greg Leavitt

GEOLOGIST: Craig Durrett

GROUNDWATER DATA (feet)				CASING	SAMPLE	TUBE	CORE
DATE	GW DEPTH	GW ELEV	INTAKE	TYPE	HSA	SS	
09/30/91	3.32 (PVC)	77.02	77.63 - -67.63	DIAM.	4.25" ID	2" OD	
				WEIGHT		140 lbs.	
				FALL		30"	

WELL CONSTRUCT	DEPTH (feet)	SAMPLE NUMBER	SAMPLE & TYPE	RECOVERY (inches)	N-VALUE	LOG	HNU	FIELD DESCRIPTION (Modified Burmister Methodology)	REMARKS
		S-1	X	12	34		200	3 inch Topsoil - FILL - Dense, brown, coarse to fine SAND, some Gravel	
		S-2	X	1	3		220	Loose, gray to brown, fine to coarse SAND, some Gravel, strong odor	
	5	S-3	X	4	30		280	- SAND - Dense, gray, coarse to fine SAND, trace Gravel, little Silt. Strong odor and sheen present, saturated	
	10	S-4	X	16	22		220	Medium dense, gray, medium to fine SAND, little Silt with lens of coarse to medium SAND. Strong odor and sheen.	
								END OF BORING AT 12 FEET	
	15							1. Auger through boulders 2 to 3 feet	
	20								
	25								

Tank K area



PROJECT: GE - Wilmington - Tank K
 CLIENT: GE - Aerospace
 CONTRACTOR: New Hampshire Boring

PROJECT NO: 01501.01

RIG: Mobile B-53

GS ELEV: 80.6371

N-S COORD:

E-W COORD:

WL REF ELEV:

DATE STARTED: 09/16/91

DATE FINISHED: 09/16/91

OPERATOR: Greg Leavitt

GEOLOGIST: Craig Durrett

GROUNDWATER DATA (feet)					CASING	SAMPLE	TUBE	CORE
DATE	GW DEPTH	GW ELEV	INTAKE	TYPE	HSA	SS		
				DIAM	4.25" ID	2" OD		
				WEIGHT		140 lbs.		
				FALL		30"		

WELL CONSTRUCT	DEPTH (feet)	SAMPLE NUMBER	SAMPLE & TYPE	RECOVERY (inches)	N-VALUE	LOG	HNU	FIELD DESCRIPTION (Modified Burmister Methodology)	REMARKS
		S-1		20	10		320	Loose, dark brown, coarse to fine SAND, some Gravel, trace Silt, moist	1
	5							END OF BORING AT 4 FEET	2
								Boring drilled 5 feet north of WE-2 1. Sample GEW-SS-WE2-005 submitted for analysis of: Volatile Organic Compounds Total Petroleum Hydrocarbons Total Organic Carbon Moisture Content Grain Size Distribution 2. Groundwater not observed in boring at time of drilling.	
	10								
	15								
	20								
	25								

Tank K area



PROJECT: GE - Wilmington - Tank K
 CLIENT: GE - Aerospace
 CONTRACTOR: New Hampshire Boring

PROJECT NO: 01501.01

RIG: Mobile B-53

GS ELEV: 81.07ft.

N-S COORD:

E-W COORD:

WL REF ELEV: (PVC) 80.56ft.

DATE STARTED: 09/16/91

DATE FINISHED: 09/16/91

OPERATOR: Greg Leavitt

GEOLOGIST: Craig Durrett

GROUNDWATER DATA (feet)				CASING	SAMPLE	TUBE	CORE
DATE	GW DEPTH	GW ELEV	INTAKE	TYPE			
09/30/91	3.65 (PVC)	76.91	78.07 - 88.07	HSA	SS		
				DIAM.	4.25" ID	2" OD	
				WEIGHT		140 lbs.	
				FALL		30"	

WELL CONSTRUCT	DEPTH (feet)	SAMPLE NUMBER	SAMPLE & TYPE	RECOVERY (inches)	N-VALUE	LOG	HNU	FIELD DESCRIPTION (Modified Burmister Methodology)	REMARKS
		S-1	X	14	43		.2	2" Asphalt - FILL - Dense, brown, coarse to fine SAND, little Gravel Very dense, brown, coarse to fine SAND, some Gravel	
		S-2	X	6	68		7	3" gray, coarse to fine SAND, little Gravel, wet	
	5	S-3	X	14	13		1.5	- ORGANIC SAND - 11" dark brown, coarse to fine SAND, trace Gravel, some organics and plant fragments, moist	
		S-4	X	16	28		1.5	- SAND - Medium dense, gray, medium to fine SAND, trace Gravel, little Silt with coarse to medium SAND lens, saturated	
	10	S-5	X	16	21		0	Medium dense, gray, medium to fine SAND, some Silt with coarse to medium SAND lens 1' thick, saturated	
	15							END OF BORING AT 13 FEET	
	20								
	25								

Tank K area



PROJECT: GE - Wilmington - Tank K
 CLIENT: GE - Aerospace
 CONTRACTOR: New Hampshire Boring

PROJECT NO: 01501.01

RIG: Mobile B-53

GS ELEV: 82.30ft.

N-S COORD:

E-W COORD:

WL REF ELEV: (PVC) 82.07ft.

DATE STARTED: 09/16/91

DATE FINISHED: 09/16/91

OPERATOR: Greg Leavitt

GEOLOGIST: Craig Durrett

GROUNDWATER DATA (feet)				CASING	SAMPLE	TUBE	CORE
DATE	GW DEPTH	GW ELEV	INTAKE	TYPE			
09/30/91	5.10 (PVC)	76.97	79.30 - 69.30	DIA	4.25" ID	2" OD	
				WEIGHT	140 lbs.		
				FALL	30"		

WELL CONSTRUCT	DEPTH (feet)	SAMPLE NUMBER	SAMPLE & TYPE	RECOVERY (inches)	N-VALUE	LOG	HNu	FIELD DESCRIPTION (Modified Burmister Methodology)	REMARKS
		S-1	X	12	20		1	3" Topsoil - FILL - Medium dense, brown, coarse to fine SAND, little Gravel	1
		S-2	X	10	21		2.5	Medium dense, brown, coarse to fine SAND, little Gravel - ORGANIC SAND - 3" dark brown, medium to fine SAND, little organics and plant fragments, saturated at bottom	2
	5	S-3	X	12	10		4	- SAND - Gray, loose, medium to fine SAND, saturated	
	10	S-4	X	12	20		1.5	Medium dense, gray, coarse to fine SAND, little Silt, saturated	
		S-5	X	14	12		0	Medium dense, gray, coarse to fine SAND, little Silt, saturated	
	15							END OF BORING AT 13 FEET 1. Auger through Cobbles 1.5-3.0' 2. Groundwater not observed in boring at time of drilling.	
	20								
	25								

Tank K area



PROJECT: GE - Wilmington - Tank F
 CLIENT: GE - Aerospace
 CONTRACTOR: New Hampshire Boring

PROJECT NO: 01501.03

RIG: Mobile B-53

GS ELEV:
 N-S COORD:
 E-W COORD:
 WL REF ELEV:

DATE STARTED: 09/16/91
 DATE FINISHED: 09/17/91
 OPERATOR: Greg Leavitt
 GEOLOGIST: Craig Durrett

GROUNDWATER DATA (feet)				CASING	SAMPLE	TUBE	CORE
DATE	GW DEPTH	GW ELEV	INTAKE	TYPE			
09/17/91	~10' B.G.			DIAM.	4.25" ID	2" OD	
				WEIGHT		140 lbs.	
				FALL		30"	

WELL CONSTRUCT	DEPTH (feet)	SAMPLE NUMBER	SAMPLE & TYPE	RECOVERY (inches)	N-VALUE	LOG	HNU	FIELD DESCRIPTION (Modified Burmister Methodology)	REMARKS
		S-1	X	15	17		0.1	- FILL - Medium dense, brown, coarse to fine SAND, some Gravel	
		S-2	X	12	22		0.5	Similar to above	
	-5	S-3	X	12	98		0	- SAND - Very dense, brown, coarse to fine SAND, little Gravel	
		S-4	X	24	117		0.4	- SAND & GRAVEL - Very dense, brown, coarse to fine SAND and GRAVEL	
		S-5	X	20	71		0	Similar to above	
	-10	S-6	X	14	134		0.4	Very dense, gray to brown, coarse to fine SAND and Gravel, little Silt, saturated	
		S-7	X	14	116		0.4	Similar to above, saturated	
	-15	S-8	X	11	100/5"		0.2	Similar to above, saturated	
		S-9	X	0	100/5"		-		
	-20	S-10	X	12	76"		0	Similar to above, saturated	
								END OF BORING AT 20 FEET	
	-25								

Tank F
area



PROJECT: GE - Wilmington - Tank F
 CLIENT: GE - Aerospace
 CONTRACTOR: New Hampshire Boring

PROJECT NO: 01501.03

RIG: Mobile B-53

GS ELEV:
 N-S COORD:
 E-W COORD:
 WL REF ELEV:
 DATE STARTED: 09/17/91
 DATE FINISHED: 09/17/91
 OPERATOR: Greg Leavitt
 GEOLOGIST: Craig Durrett

GROUNDWATER DATA (feet)						CASING	SAMPLE	TUBE	CORE
DATE	GW DEPTH	GW ELEV	INTAKE	TYPE					
09/17/91	~11' B.G.					HSA	SS		
				DIAM.		4.25" ID	2" OD		
				WEIGHT			140 lbs.		
				FALL			30"		

WELL CONSTRUCT	DEPTH (feet)	SAMPLE NUMBER	SAMPLE & TYPE	RECOVERY (inches)	N-VALUE	LOG	HNU	FIELD DESCRIPTION (Modified Burmister Methodology)	REMARKS
		S-1	X	14	21		0	- FILL - Medium dense, brown, coarse to fine SAND, little Gravel	
		S-2	X	16	88		0	Similar to above	
	5	S-3	X	4	120/6"		0.2	Similar to above	1
		S-4	X	8	100/3		0	Similar to above	2
		S-5	X	20	27		0	- SAND - Medium dense, reddish-brown, coarse to fine SAND, little Gravel, little Silt, saturated	
	10	S-6	X	18	114		0.2	Similar to above, moist	
		S-7	X	12	156+		0.4	Similar to above, saturated in bottom half	3
	15	S-8	X	12	52		0.4	Very dense, brown to gray, coarse to fine SAND, some Gravel, little Silt, saturated	
		S-9	X	14	52		0.2	Similar to above, saturated	
		S-10	X	16	34		0.2	- SAND & GRAVEL - 6 inch dense, coarse SAND and GRAVEL over coarse to fine SAND, little Gravel, little Silt, saturated	
	20	S-11	X	6	120/6"		0.2	END OF BORING AT 19.5 FEET	4
	25							1. Split spoon refusal at 4.5 feet 2. Split spoon refusal at 5.75 feet. Auger through Boulders from 5.75 to 6.75 feet 3. Split spoon refusal at 12.1 feet 4. Split spoon refusal at 19.5 feet Tank F Area	



PROJECT: GE - Wilmington - Tank F
 CLIENT: GE - Aerospace
 CONTRACTOR: New Hampshire Boring

PROJECT NO: 01501.03

RIG: Mobile B-53

GS ELEV:

N-S COORD:

E-W COORD:

WL REF ELEV:

DATE STARTED: 09/17/91

DATE FINISHED: 09/17/91

OPERATOR: Greg Leavitt

GEOLOGIST: Craig Durrett

GROUNDWATER DATA (feet)						CASING	SAMPLE	TUBE	CORE
DATE	GW DEPTH	GW ELEV	INTAKE	TYPE		HSA	SS		
09/17/91	~9'B.G.			DIAM		4.25" ID	2" OD		
				WEIGHT			140 lbs.		
				FALL			30"		

WELL CONSTRUCT	DEPTH (feet)	SAMPLE NUMBER	SAMPLE & TYPE	RECOVERY (inches)	N-VALUE	LOG	HNU	FIELD DESCRIPTION (Modified Burmister Methodology)	REMARKS
		S-1	X	10	21		0	4 inches Topsoil - FILL - Medium dense, gray-brown, medium to fine SAND, trace Gravel Loose, olive-gray, medium to fine SAND	
		S-2	X	4	4		0		
	5	S-3	X	5	145		0.2	Similar to above	
		S-4	X	0	12		-		
		S-5	X	8	20		0.2	Medium dense, olive-brown, coarse to fine SAND, little Gravel, saturated	
	10	S-6	X	2	31		0.2	Similar to above, saturated Dark brown, medium to fine SAND, little Silt, some Gravel, some black staining, saturated	
		S-7	X	12	22		6.0	- SAND - Tan to brown, coarse to fine SAND, little Gravel and Silt, saturated	
	15	S-8	X	18	136		1.5	Similar to above, saturated	
		S-9	X	14	87		1.5	Similar to above, saturated Very dense, coarse to fine SAND and GRAVEL	
		S-10	X	12	79		0.4	- SAND - Very dense, tan to brown, coarse to fine SAND, little Silt, little Gravel, saturated	
	20							END OF BORING AT 20 FEET. 1. Gravel chunk lodged in nose of spoon	
	25								

Tank F area



PROJECT: GE - Wilmington - Tank Farm

PROJECT NO: 01501.03

CLIENT: GE - Aerospace

GS ELEV:

N-S COORD:

CONTRACTOR: New Hampshire Boring

RIG: Mobile B-53

E-W COORD:

WL REF ELEV:

DATE STARTED: 09/18/91

DATE FINISHED: 09/18/91

OPERATOR: Greg Leavitt

GEOLOGIST: Craig Durrett

GROUNDWATER DATA (feet)

DATE	GW DEPTH	GW ELEV	INTAKE	TYPE	CASING	SAMPLE	TUBE	CORE
				DIAM	HSA	SS		
				WEIGHT	4.25" ID	2" OD		
				FALL		140 lbs.		
						30"		

WELL CONSTRUCT	DEPTH (feet)	SAMPLE NUMBER	SAMPLE & TYPE	RECOVERY (inches)	N-VALUE	LOG	HNu	FIELD DESCRIPTION (Modified Burmister Methodology)	REMARKS
								- FILL -	
		S-1		6	9		0	Loose, brown, coarse to fine SAND, little Gravel	
		S-2A					0	6 inches, similar to above	
		S-2B		12	3		0.4	6 inches, similar to above, saturated	
	5	S-3		7	8		220	Loose, dark brown, medium to fine SAND, little Gravel	
		S-4		7	3		230	Similar to above, slight sheen and odor, piece of plastic sheeting in sample	
	10	S-5		10	10		260	Black stained, coarse to fine SAND, little Silt, little Gravel, strong odor and sheen	
		S-6		2	120/1"		320	Similar to above	
								END OF BORING AT 10.1 FEET	
								1. Split spoon and auger refusal at 10.1 feet 2. Groundwater not observed in boring at time of drilling	
	15								
	20								
	25								

Tank Farm
area



PROJECT: GE - Wilmington - Tank Farm
 CLIENT: GE - Aerospace
 CONTRACTOR: New Hampshire Boring

PROJECT NO: 01501.03

RIG: Mobile B-53

GS ELEV:
 N-S COORD:
 E-W COORD:
 WL REF ELEV:
 DATE STARTED: 09/18/91
 DATE FINISHED: 09/18/91
 OPERATOR: Greg Leavitt
 GEOLOGIST: Craig Durrett

GROUNDWATER DATA (feet)				CASING	SAMPLE	TUBE	CORE
DATE	GW DEPTH	GW ELEV	INTAKE	TYPE	HSA	SS	
09/18/91	~7.5 B.G.			DIAM.	4.25" ID	2" OD	
				WEIGHT		140 lbs.	
				FALL		30"	

WELL CONSTRUCT	DEPTH (feet)	SAMPLE NUMBER	SAMPLE & TYPE	RECOVERY (inches)	N-VALUE	LOG	HNU	FIELD DESCRIPTION (Modified Burmister Methodology)	REMARKS
		S-1	X	5	16		6	- FILL - Medium dense, brown, coarse to fine SAND, little Gravel	
		S-2	X	7	10		125	Medium dense, dark brown, coarse to fine SAND, little Gravel, Asphalt chunks, strong odor	
	5	S-3	X	6	10		240	Similar to above	1
		S-4	X	6	11		280	Similar to above, moist	
		S-5	X	7	20		400	Similar to above, with asphalt, saturated	2
	10	S-6	X	2	120/2"		450	Similar to above, with concrete in nose of spoon, saturated	3
								END OF BORING AT 10.2 FEET	
								1. Sample GEW-SS-B16-006 submitted for Total Petroleum Hydrocarbon, and Volatile Organic Compound Analysis.	
								2. Sample GEW-SS-B16-007 submitted for Total Organic Carbon, Total Petroleum Hydrocarbon, and Volatile Organic Compound Analysis.	
								3. Split spoon and auger refusal at 10.2 feet	
	15								
	20								
	25								

Tank Farm



PROJECT: GE - Wilmington - Tank Farm
CLIENT: GE - Aerospace
CONTRACTOR: New Hampshire Boring

PROJECT NO: 0150103

RIG: Mobile B-53

GS ELEV:
N-S COORD:
E-W COORD:
WL REF ELEV:
DATE STARTED: 09/18/91
DATE FINISHED: 09/18/91
OPERATOR: Greg Leavitt
GEOLOGIST: Craig Durrett

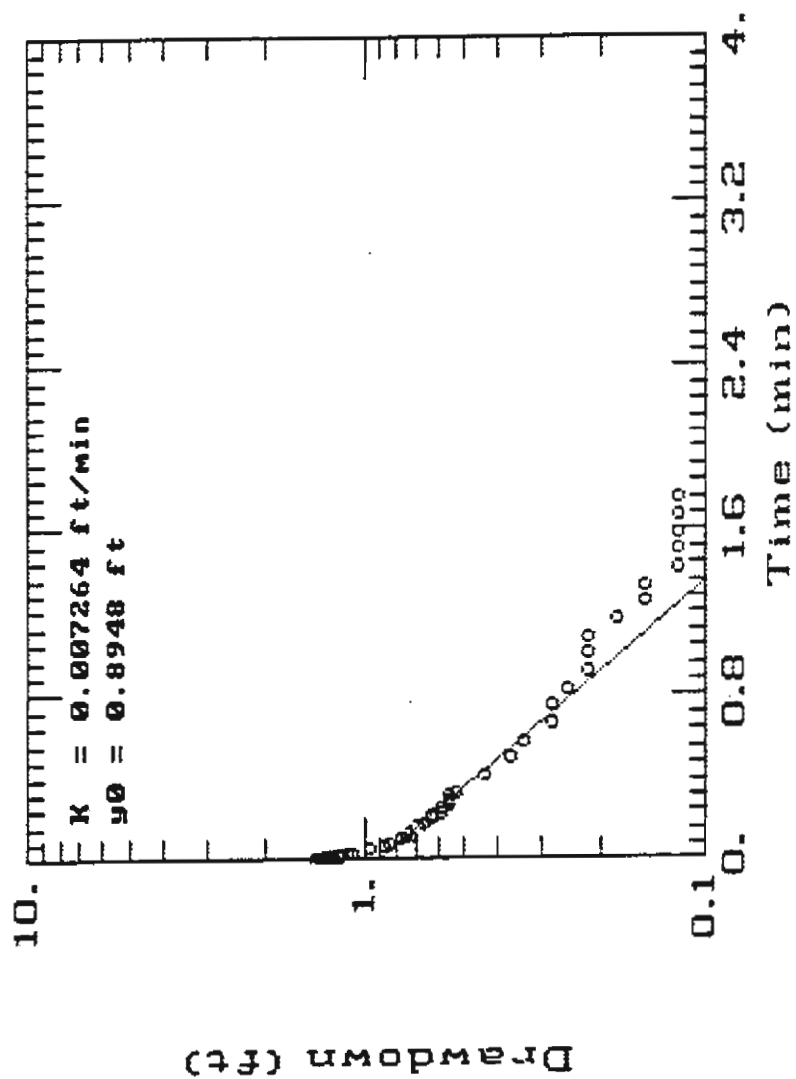
GROUNDWATER DATA (feet)				CASING	SAMPLE	TUBE	CORE
DATE	GW DEPTH	GW ELEV	INTAKE	TYPE	HSA	SS	
09/18/91	~6.0 B.G.			DIAM	4.25" ID	2" OD	
				WEIGHT		140 lbs.	
				FALL		30"	

WELL CONSTRUCT	DEPTH (feet)	SAMPLE NUMBER	SAMPLE & TYPE	RECOVERY (inches)	N-VALUE	LOG	HNU	FIELD DESCRIPTION (Modified Burmister Methodology)	REMARKS
		S-1	X	4	36		16	<u>- FILL -</u> Dense, brown, coarse to fine SAND, trace Gravel	
		S-2	X	6	25		40	Similar to above	
	5	S-3	X	14	28		100	Medium dense, dark brown, coarse to fine SAND, little Gravel, becoming gray with depth	
		S-4	X	12	29		340	Medium dense, brown to gray, coarse to fine SAND, little Gravel, strong odor, saturated	
	10							END OF BORING AT 8 FEET	
								1. Auger refusal at 8 feet	
	15								
	20								
	25								

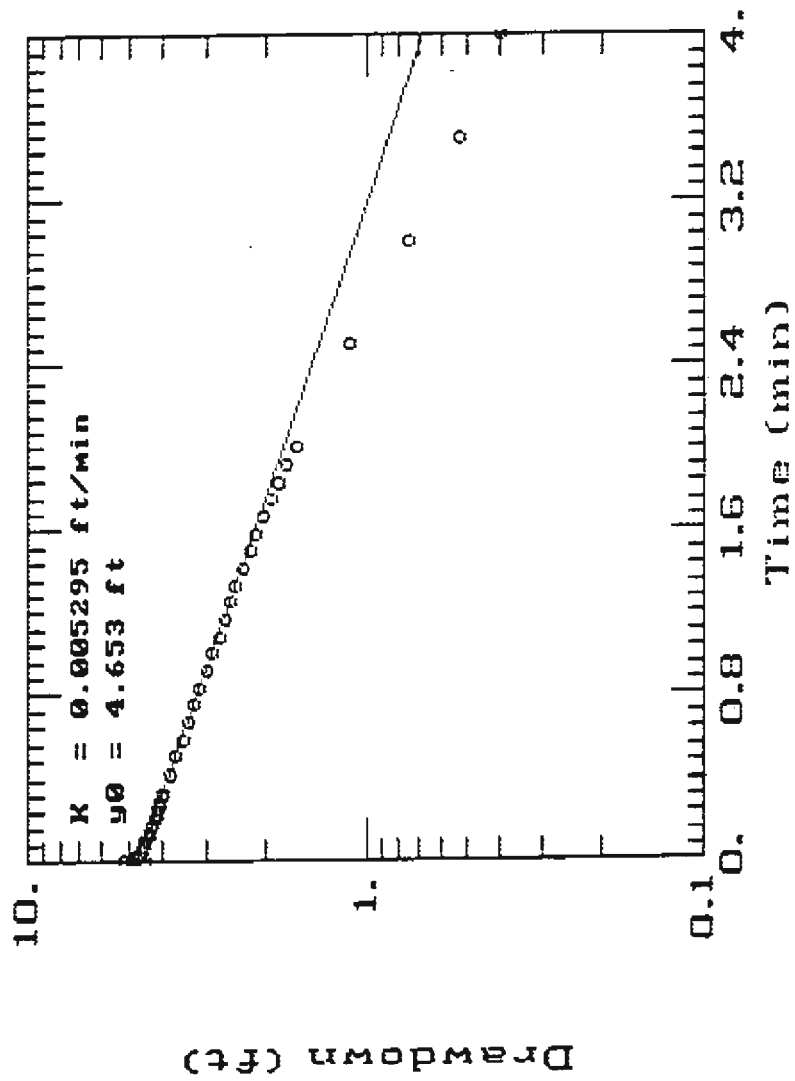
Tank Farm

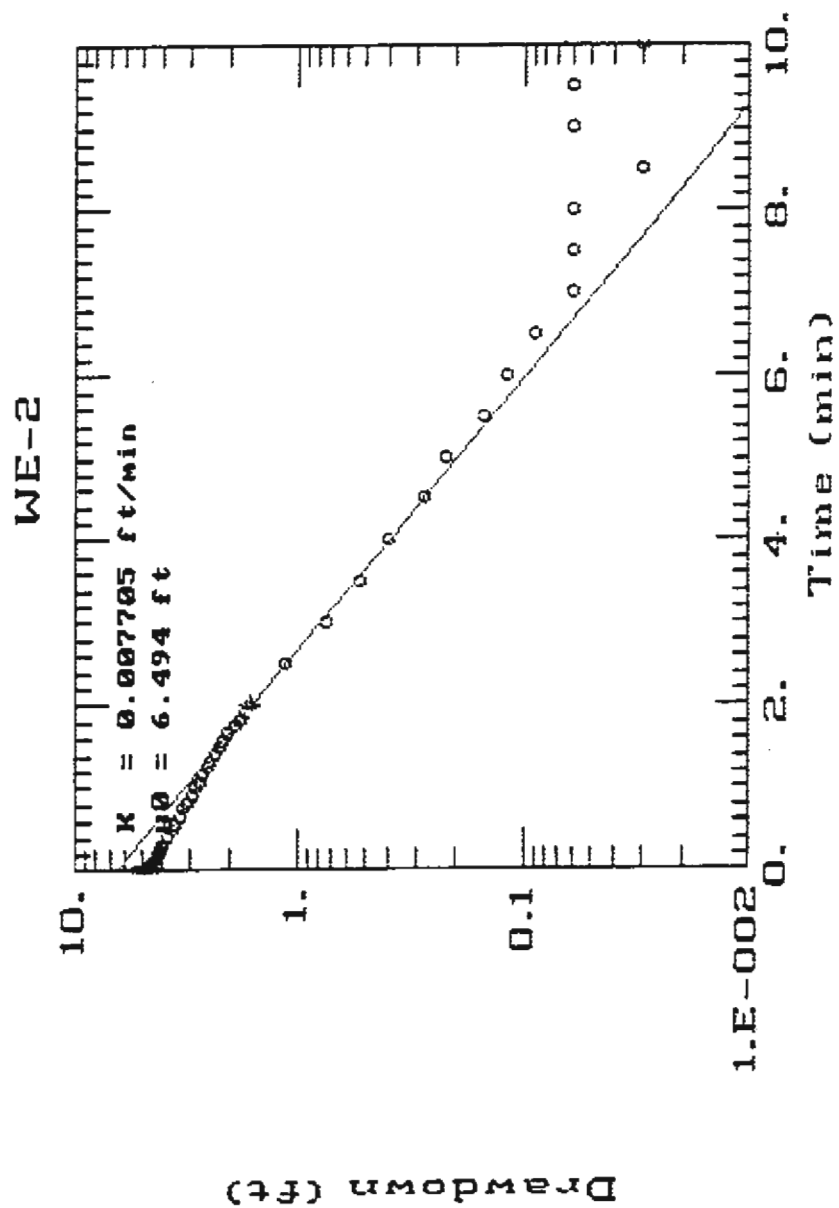
APPENDIX B
HYDRAULIC CONDUCTIVITY ANALYSES

WE-1

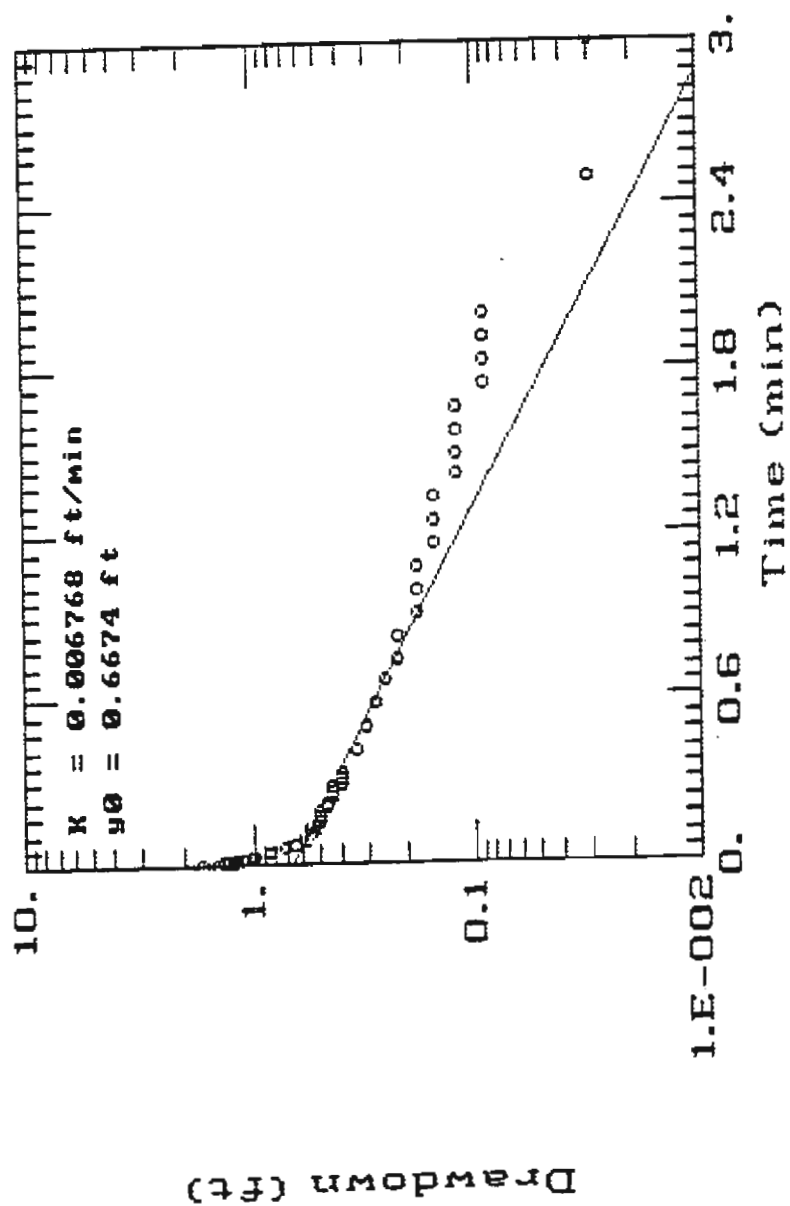


WE-2

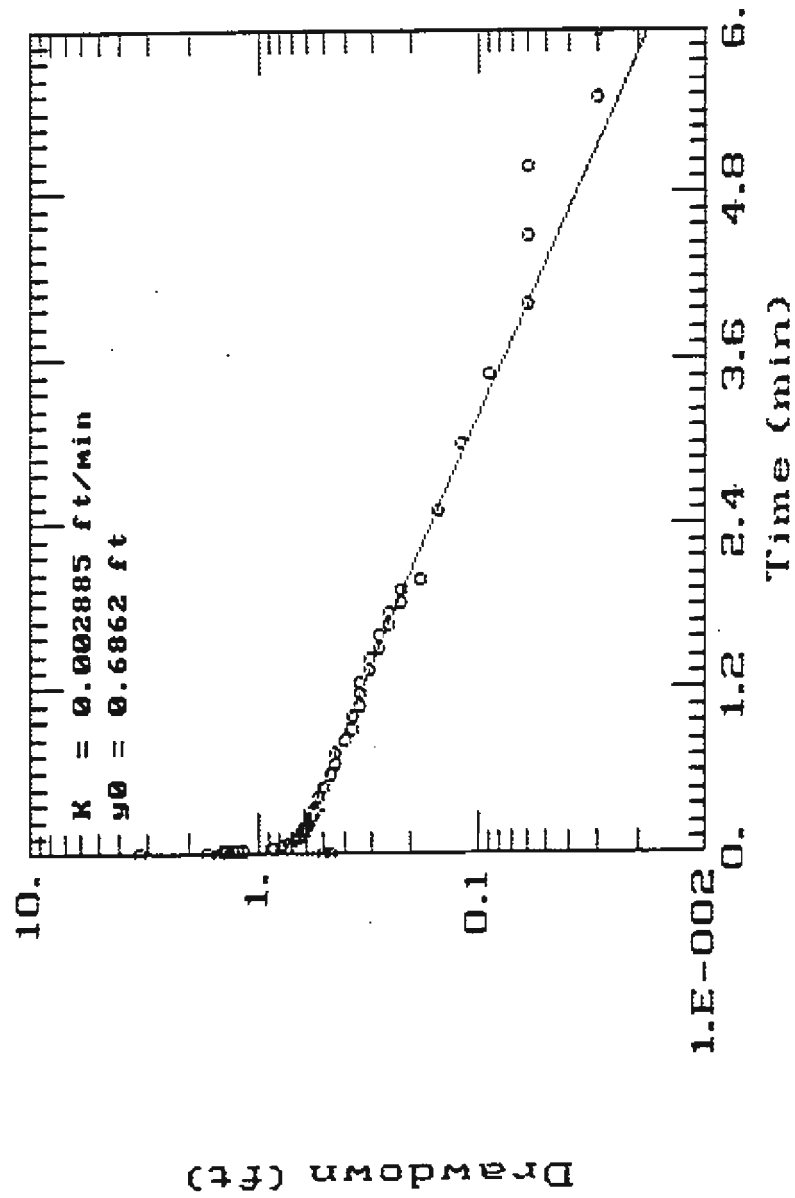




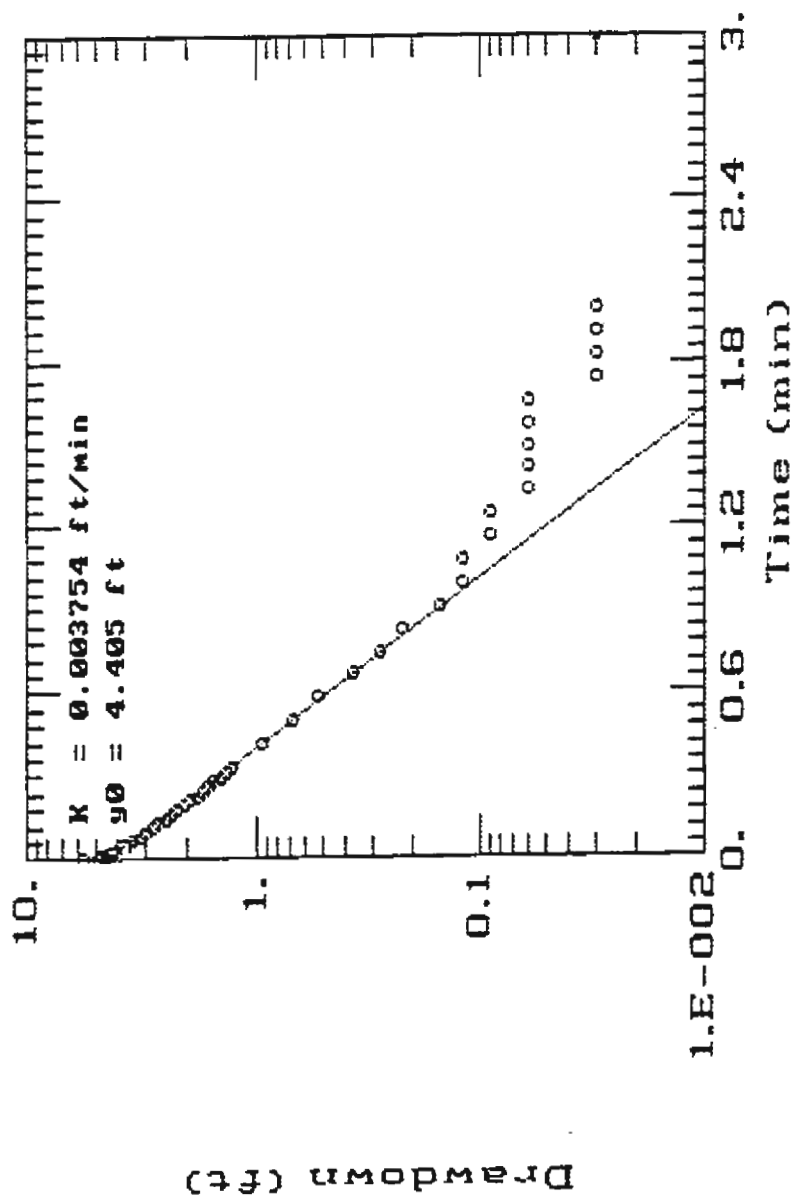
WE-3



WE-4S



WE-4D



APPENDIX C
ANALYTICAL DATA

NET ATLANTIC, Cambridge Division

ANALYTICAL REPORT

Report To:

Eric Wood
Wehran Engineering
Andover Research Park
6 Riverside Dr. Suite 101
Andover, MA 01810-1121

Reported By:

National Environmental Testing
NET Atlantic, Incorporated
Cambridge Division
12 Oak Park
Bedford, MA 01730

Report Date: 10/01/1991

NET Job Number: 91.1451

Project: GE Wilmington

Date Received: 09/13/1991

NET Client No: 80100

P.O. No:

Collected By: C.Durrett

Shipped Via: Client Courier

Job Description: GE Wilmington

Airbill No:

This report has been approved and certified for release by the following staff. Please feel free to call the NET Project Manager at 617-275-3535 with any questions or comments.



Elizabeth J. Adams
NET Project Manager



Michael F. Delaney, Ph.D.
Laboratory Director

Analytical data for the following samples are included in this data report.

SAMPLE ID	NET ID	DATE TAKEN	TIME TAKEN	DATE REC'D	MATRIX
GEW-SS-B1-001	15212	09/12/1991		09/13/1991	SO
GEW-SS-B2-002	15213	09/12/1991		09/13/1991	SO
GEW-SS-B4-003	15214	09/12/1991		09/13/1991	SO
GEW-SS-WE40-004	15215	09/13/1991		09/13/1991	SO

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/01/1991

Report To: Wehran Engineering

NET Job No: 91.1451

Project: GE Wilmington

Date Rec'd: 09/13/1991

Sample ID	NET ID	Result	Units	Analysis Date	Analyst

EX Petroleum Hydrocarbon,TPH \$ EPA 418.1 modified					
GEW-SS-B1-001	15212	09/26/1991	date	09/26/1991	kan
GEW-SS-B2-002	15213	09/26/1991	date	09/26/1991	kan
GEW-SS-B4-003	15214	09/26/1991	date	09/26/1991	kan
GEW-SS-WE4D-004	15215	09/26/1991	date	09/26/1991	kan
Petroleum Hydrocarbons, TPH \$ EPA 418.1(modified)					
GEW-SS-B1-001	15212	<75	mg/Kg	09/27/1991	ask
GEW-SS-B2-002	15213	26000	mg/Kg	09/27/1991	ask
GEW-SS-B4-003	15214	83	mg/Kg	09/27/1991	ask
GEW-SS-WE4D-004	15215	6300	mg/Kg	09/27/1991	ask

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/01/1991

Report To: Wehran Engineering

NET Job No: 91.1451

Project: GE Wilmington

Date Rec'd: 09/13/1991

Sample ID: GEW-SS-B2-002

NET Sample No: 15213

B-2 (Soil 4-6.')

Parameter	Result	Units (Dry Weight)	Analysis Date	Analyst

TCL Volatiles by GC/MS 8240 S				
Acetone	1,100	ug/Kg	09/24/1991	ewt
Benzene	<570.	ug/Kg		
Bromodichloromethane	<570.	ug/Kg		
Bromoform	<570.	ug/Kg		
Bromomethane	<570.	ug/Kg		
2-Butanone (MEK)	<570.	ug/Kg		
Carbon Disulfide	<570.	ug/Kg		
Carbon Tetrachloride	<570.	ug/Kg		
Chlorobenzene	<570.	ug/Kg		
Chloroethane	<570.	ug/Kg		
2-Chloroethylvinyl ether	<570.	ug/Kg		
Chloroform	<570.	ug/Kg		
Chloromethane	<570.	ug/Kg		
Dibromochloromethane	<570.	ug/Kg		
1,2-Dichlorobenzene	<570.	ug/Kg		
1,3-Dichlorobenzene	<570.	ug/Kg		
1,4-Dichlorobenzene	<570.	ug/Kg		
1,1-Dichloroethane	<570.	ug/Kg		
1,2-Dichloroethane	<570.	ug/Kg		
1,1-Dichloroethane	<570.	ug/Kg		
trans-1,2-Dichloroethane	<570.	ug/Kg		
1,2-Dichloropropene	<570.	ug/Kg		
cis-1,3-Dichloropropene	<570.	ug/Kg		
trans-1,3-Dichloropropene	<570.	ug/Kg		
Ethylbenzene	<570.	ug/Kg		
2-Hexanone	<570.	ug/Kg		
4-Methyl-2-pentanone (MIBK)	<570.	ug/Kg		
Methylene Chloride	<570.	ug/Kg		
Styrene	<570.	ug/Kg		
1,1,2,2-Tetrachloroethane	<570.	ug/Kg		
Tetrachloroethane	<570.	ug/Kg		
Toluene	<570.	ug/Kg		
1,1,1-Trichloroethane	<570.	ug/Kg		
1,1,2-Trichloroethane	<570.	ug/Kg		
Trichloroethane	<570.	ug/Kg		
Trichlorofluoromethane	<570.	ug/Kg		
Vinyl Acetate	<570.	ug/Kg		
Vinyl Chloride	<570.	ug/Kg		
m-Xylene	790 *	ug/Kg		
o-Xylene	570	ug/Kg		
p-Xylene	*	ug/Kg		

* These two compounds coelute. The reported concentration should be considered one, the other, or both of these compounds.

NET

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/01/1991

Report To: Mehran Engineering

NET Job No: 91.1451

Project: GE Wilmington

Date Rec'd: 09/13/1991

Sample ID: GEW-SS-B4-003

NET Sample No: 15214

B-4 (soil 5-6.5')

			Analysis	
Parameter	Result	Units (Dry Weight)	Date	Analyst

TCL Volatiles by GC/MS 8240 S				
Acetone	41	ug/kg	09/24/1991	jcg
Benzene	<6	ug/kg		
Bromodichloromethane	<6	ug/kg		
Bromoform	<6	ug/kg		
Bromomethane	<6	ug/kg		
2-Butanone (MEK)	<6	ug/kg		
Carbon Disulfide	<6	ug/kg		
Carbon Tetrachloride	<6	ug/kg		
Chlorobenzene	<6	ug/kg		
Chloroethane	<6	ug/kg		
2-Chloroethylvinyl ether	<6	ug/kg		
Chloroform	<6	ug/kg		
Chloromethane	<6	ug/kg		
Dibromochloromethane	<6	ug/kg		
1,2-Dichlorobenzene	<6	ug/kg		
1,3-Dichlorobenzene	<6	ug/kg		
1,4-Dichlorobenzene	<6	ug/kg		
1,1-Dichloroethane	<6	ug/kg		
1,2-Dichloroethane	<6	ug/kg		
1,1-Dichloroethene	<6	ug/kg		
trans-1,2-Dichloroethene	<6	ug/kg		
1,2-Dichloropropene	<6	ug/kg		
cis-1,3-Dichloropropene	<6	ug/kg		
trans-1,3-Dichloropropene	<6	ug/kg		
Ethylbenzene	<6	ug/kg		
2-Hexanone	<6	ug/kg		
4-Methyl-2-pentanone (MIBK)	<6	ug/kg		
Methylene Chloride	<6	ug/kg		
Styrene	<6	ug/kg		
1,1,2,2-Tetrachloroethane	<6	ug/kg		
Tetrachloroethane	<6	ug/kg		
Toluene	<6	ug/kg		
1,1,1-Trichloroethane	<6	ug/kg		
1,1,2-Trichloroethane	<6	ug/kg		
Trichloroethane	<6	ug/kg		
Trichlorofluoromethane	<6	ug/kg		
Vinyl Acetate	<6	ug/kg		
Vinyl Chloride	<6	ug/kg		
m-Xylene	<6	ug/kg		
o-Xylene	<6	ug/kg		
p-Xylene	<6	ug/kg		

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/01/1991

Report To: Wehran Engineering

NET Job No: 91.1451

Project: GE Wilmington

Date Rec'd: 09/13/1991

Sample ID: GEW-SS-WE40-004

NET Sample No: 15215

WE-4D (soil 6-8')

Parameter	Result	Units (Dry Weight)	Date	Analyst

TCL Volatiles by GC/MS 8240 S				
Acetone	<12000	ug/kg	09/26/1991	ewt
Benzene	12000	ug/kg		
Bromodichloromethane	<12000	ug/kg		
Bromoform	<12000	ug/kg		
Bromomethane	<12000.0	ug/kg		
2-Butanone (MEK)	<12000	ug/kg		
Carbon Disulfide	<12000	ug/kg		
Carbon Tetrachloride	<12000	ug/kg		
Chlorobenzene	<12000	ug/kg		
Chloroethane	<12000	ug/kg		
2-Chloroethylvinyl ether	<12000	ug/kg		
Chloroform	<12000	ug/kg		
Chloromethane	<12000	ug/kg		
Dibromochloromethane	<12000	ug/kg		
1,2-Dichlorobenzene	<12000	ug/kg		
1,3-Dichlorobenzene	<12000	ug/kg		
1,4-Dichlorobenzene	<12000	ug/kg		
1,1-Dichloroethane	<12000	ug/kg		
1,2-Dichloroethane	<12000	ug/kg		
1,1-Dichloroethene	<12000	ug/kg		
trans-1,2-Dichloroethene	<12000	ug/kg		
1,2-Dichloropropane	<12000	ug/kg		
cis-1,3-Dichloropropene	<12000	ug/kg		
trans-1,3-Dichloropropene	<12000	ug/kg		
Ethylbenzene	240000	ug/kg		
2-Hexanone	<12000	ug/kg		
4-Methyl-2-pentanone (MIBK)	<12000	ug/kg		
Methylene Chloride	<12000	ug/kg		
Styrene	<12000	ug/kg		
1,1,2,2-Tetrachloroethane	<12000	ug/kg		
Tetrachloroethane	<12000	ug/kg		
Toluene	450000	ug/kg		
1,1,1-Trichloroethane	<12000	ug/kg		
1,1,2-Trichloroethane	<12000	ug/kg		
Trichloroethene	<12000	ug/kg		
Trichlorofluoromethane	<12000	ug/kg		
Vinyl Acetate	<12000	ug/kg		
Vinyl Chloride	<12000	ug/kg		
m-Xylene	1200000 *	ug/kg		
o-Xylene	540000	ug/kg		
p-Xylene	*	ug/kg		

* These two compounds coelute. The reported concentration should be considered one, the other, or both of these compounds.

NET

NET Atlantic, Cambridge Division

QUALITY CONTROL DATA

Report To: Wehran Engineering

NET Job No: 91.1451

Project: GE Wilmington

Report Date : 10/01/1991

Method Blank Analysis Data

Test Name	Result	Units	Run Batch	Run Date	Analyst Initials

TCL Volatiles by GC/MS 8240 S					
Acetone	<500.	ug/Kg	48	09/24/1991	ewt
Benzene	<500.	ug/Kg	48	09/24/1991	ewt
Bromodichloromethane	<500.	ug/Kg	48	09/24/1991	ewt
Bromoform	<500.	ug/Kg	48	09/24/1991	ewt
Bromomethane	<500.	ug/Kg	48	09/24/1991	ewt
2-Butanone (MEK)	<500.	ug/Kg	48	09/24/1991	ewt
Carbon Disulfide	<500.	ug/Kg	48	09/24/1991	ewt
Carbon Tetrachloride	<500.	ug/Kg	48	09/24/1991	ewt
Chlorobenzene	<500.	ug/Kg	48	09/24/1991	ewt
Chloroethane	<500.	ug/Kg	48	09/24/1991	ewt
2-Chloroethylvinyl ether	<500.	ug/Kg	48	09/24/1991	ewt
Chloroform	<500.	ug/Kg	48	09/24/1991	ewt
Chloromethane	<500.	ug/Kg	48	09/24/1991	ewt
Dibromochloromethane	<500.	ug/Kg	48	09/24/1991	ewt
1,2-Dichlorobenzene	<500.	ug/Kg	48	09/24/1991	ewt
1,3-Dichlorobenzene	<500.	ug/Kg	48	09/24/1991	ewt
1,4-Dichlorobenzene	<500.	ug/Kg	48	09/24/1991	ewt
1,1-Dichloroethane	<500.	ug/Kg	48	09/24/1991	ewt
1,2-Dichloroethane	<500.	ug/Kg	48	09/24/1991	ewt
1,1-Dichloroethene	<500.	ug/Kg	48	09/24/1991	ewt
trans-1,2-Dichloroethene	<500.	ug/Kg	48	09/24/1991	ewt
1,2-Dichloropropene	<500.	ug/Kg	48	09/24/1991	ewt
cis-1,3-Dichloropropene	<500.	ug/Kg	48	09/24/1991	ewt
trans-1,3-Dichloropropene	<500.	ug/Kg	48	09/24/1991	ewt
Ethylbenzene	<500.	ug/Kg	48	09/24/1991	ewt
2-Hexanone	<500.	ug/Kg	48	09/24/1991	ewt
4-Methyl-2-pentanone (MIBK)	<500.	ug/Kg	48	09/24/1991	ewt
Methylene Chloride	<500.	ug/Kg	48	09/24/1991	ewt
Styrene	<500.	ug/Kg	48	09/24/1991	ewt
1,1,2,2-Tetrachloroethane	<500.	ug/Kg	48	09/24/1991	ewt
Tetrachloroethene	<500.	ug/Kg	48	09/24/1991	ewt
Toluene	<500.	ug/Kg	48	09/24/1991	ewt
1,1,1-Trichloroethane	<500.	ug/Kg	48	09/24/1991	ewt
1,1,2-Trichloroethane	<500.	ug/Kg	48	09/24/1991	ewt
Trichloroethane	<500.	ug/Kg	48	09/24/1991	ewt
Trichlorofluoromethane	<500.	ug/Kg	48	09/24/1991	ewt
Vinyl Acetate	<500.	ug/Kg	48	09/24/1991	ewt
Vinyl Chloride	<500.	ug/Kg	48	09/24/1991	ewt
m-Xylene	<500.	ug/Kg	48	09/24/1991	ewt
o-Xylene	<500.	ug/Kg	48	09/24/1991	ewt
p-Xylene	<500.	ug/Kg	48	09/24/1991	ewt

NET Atlantic, Cambridge Division

QUALITY CONTROL DATA

Report To: Wehran Engineering

NET Job No: 91.1451

Project: GE Wilmington

Report Date : 10/01/1991

Method Blank Analysis Data

Test Name	Result	Units	Run Batch	Run Date	Analyst Initials

TCL Volatiles by GC/MS 8240 S					
Acetone	<5.0	ug/Kg	50	09/24/1991	jcg
Benzene	<5.0	ug/Kg	50	09/24/1991	jcg
Bromodichloromethane	<5.0	ug/Kg	50	09/24/1991	jcg
Bromoform	<5.0	ug/Kg	50	09/24/1991	jcg
Bromomethane	<5.0	ug/Kg	50	09/24/1991	jcg
2-Butanone (MEK)	<5.0	ug/Kg	50	09/24/1991	jcg
Carbon Disulfide	<5.0	ug/Kg	50	09/24/1991	jcg
Carbon Tetrachloride	<5.0	ug/Kg	50	09/24/1991	jcg
Chlorobenzene	<5.0	ug/Kg	50	09/24/1991	jcg
Chloroethane	<5.0	ug/Kg	50	09/24/1991	jcg
2-Chloroethylvinyl ether	<5.0	ug/Kg	50	09/24/1991	jcg
Chloroform	<5.0	ug/Kg	50	09/24/1991	jcg
Chloromethane	<5.0	ug/Kg	50	09/24/1991	jcg
Dibromochloromethane	<5.0	ug/Kg	50	09/24/1991	jcg
1,2-Dichlorobenzene	<5.0	ug/Kg	50	09/24/1991	jcg
1,3-Dichlorobenzene	<5.0	ug/Kg	50	09/24/1991	jcg
1,4-Dichlorobenzene	<5.0	ug/Kg	50	09/24/1991	jcg
1,1-Dichloroethane	<5.0	ug/Kg	50	09/24/1991	jcg
1,2-Dichloroethane	<5.0	ug/Kg	50	09/24/1991	jcg
1,1-Dichloroethene	<5.0	ug/Kg	50	09/24/1991	jcg
trans-1,2-Dichloroethene	<5.0	ug/Kg	50	09/24/1991	jcg
1,2-Dichloropropene	<5.0	ug/Kg	50	09/24/1991	jcg
cis-1,3-Dichloropropene	<5.0	ug/Kg	50	09/24/1991	jcg
trans-1,3-Dichloropropene	<5.0	ug/Kg	50	09/24/1991	jcg
Ethylbenzene	<5.0	ug/Kg	50	09/24/1991	jcg
2-Hexanone	<5.0	ug/Kg	50	09/24/1991	jcg
4-Methyl-2-pentanone (MIBK)	<5.0	ug/Kg	50	09/24/1991	jcg
Methylene Chloride	<5.0	ug/Kg	50	09/24/1991	jcg
Styrene	<5.0	ug/Kg	50	09/24/1991	jcg
1,1,2,2-Tetrachloroethane	<5.0	ug/Kg	50	09/24/1991	jcg
Tetrachloroethane	<5.0	ug/Kg	50	09/24/1991	jcg
Toluene	<5.0	ug/Kg	50	09/24/1991	jcg
1,1,1-Trichloroethane	<5.0	ug/Kg	50	09/24/1991	jcg
1,1,2-Trichloroethane	<5.0	ug/Kg	50	09/24/1991	jcg
Trichloroethane	<5.0	ug/Kg	50	09/24/1991	jcg
Trichlorofluoromethane	<5.0	ug/Kg	50	09/24/1991	jcg
Vinyl Acetate	<5.0	ug/Kg	50	09/24/1991	jcg
Vinyl Chloride	<5.0	ug/Kg	50	09/24/1991	jcg
m-Xylene	<5.0	ug/Kg	50	09/24/1991	jcg
o-Xylene	<5.0	ug/Kg	50	09/24/1991	jcg
p-Xylene	<5.0	ug/Kg	50	09/24/1991	jcg

NET Atlantic, Cambridge Division
ANALYTICAL REPORT

Report Date: 10/22/1991

Report To: Wehran Engineering

NET Job No: 91.1710

Project: GE Wilmington

Date Rec'd: 09/30/1991

Sample ID: D GEW-GW-102R2-008 DISSOLVED

NET Sample No: 16476

GZA-102R2

Parameter	Result	Units	Analyst
Aqueous digestion dis SW846 AQ	10/03/1991	date	kit
Iron (Fe) DIS 846 ICP AQ	0.16	mg/L	cm
Manganese (Mn) DIS 846 ICP AQ	0.069	mg/L	cm

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/22/1991

Report To: Wehran Engineering

NET Job No: 91.1710

Project: GE Wilmington

Date Rec'd: 09/30/1991

Sample ID: GEW-GW-105R-007

NET Sample No: 16466

GZA-105R

Parameter		Result	Units	Analyst
BOD - 5 day	AQ	<47	mg/L	mhc
Chemical Oxygen Demand	AQ	12	mg/L	vkk
Nitrate-IC	AQ	<0.10	mg/L N	mhc
Phosphorus-Total	AQ	8.8	mg/L P	lam
Total Organic Carbon, TOC	AQ	1.3	mg/L	tan
Aqueous Digestion SW846	AQ	10/03/1991	date	kit
Hardness by calculation	AQ	130	mg/L	cme
Iron (Fe) 846 ICP	AQ	0.68	mg/L	cme
Manganese (Mn) 846 ICP	AQ	0.68	mg/L	cme
EX Petroleum Hydro., TPH	AQ	10/16/1991	date	ewt
Petroleum Hydrocarbons, TPH	AQ	<2	mg/L	ask

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/22/1991

Report To: Wehran Engineering

NET Job No: 91.1710

Project: GE Wilmington

Date Rec'd: 09/30/1991

Sample ID: GEW-GW-ME2-005

NET Sample No: 16464

WE-2

Parameter		Result	Units	Analyst
BOD - 5 day	AQ	99	mg/L	mhc
Chemical Oxygen Demand	AQ	380	mg/L	vkk
Nitrate-IC	AQ	<0.10	mg/L N	mhc
Phosphorus-Total	AQ	3.6	mg/L P	lam
Total Organic Carbon, TOC	AQ	59	mg/L	tcm
Aqueous Digestion Su846	AQ	10/03/1991	date	kit
Hardness by calculation	AQ	160	mg/L	cme
Iron (Fe) 846 ICP	AQ	99	mg/L	cme
Manganese (Mn) 846 ICP	AQ	3.2	mg/L	cme

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/22/1991

Report To: Wehran Engineering

NET Job No: 91.1710

Project: GE Wilmington

Date Rec'd: 09/30/1991

Sample ID: GEW-GW-WE40-004

NET Sample No: 16463

WE-4D

Parameter		Result	Units	Analyst
BOD - 5 day	AQ	<47	mg/L	mhc
Chemical Oxygen Demand	AQ	43	mg/L	vkk
Nitrate-IC	AQ	0.50	mg/L N	mhc
Phosphorus-Total	AQ	9.6	mg/L P	lan
Total Organic Carbon, TOC	AQ	4.2	mg/L	tan
Aqueous Digestion SW846	AQ	10/03/1991	date	kit
Hardness by calculation	AQ	450	mg/L	cmo
Iron (Fe) 846 ICP	AQ	340	mg/L	cmo
Manganese (Mn) 846 ICP	AQ	6.5	mg/L	cmo

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/22/1991

Report To: Wehran Engineering

NET Job No: 91.1710

Project: GE Wilmington

Date Rec'd: 09/30/1991

Sample ID: GEW-GW-WE4S-003

NET Sample No: 16462

WE-4S

Parameter		Result	Units	Analyst
BOD - 5 day	AQ	56	mg/L	mhc
Chemical Oxygen Demand	AQ	250	mg/L	vkk
Nitrate-IC	AQ	<0.10	mg/L N	mhc
Phosphorus-Total	AQ	11	mg/L P	lan
Total Organic Carbon, TOC	AQ	45	mg/L	tcm
Aqueous Digestion Su846	AQ	10/03/1991	date	kit
Hardness by calculation	AQ	270	mg/L	cme
Iron (Fe) 846 ICP	AQ	160	mg/L	cme
Manganese (Mn) 846 ICP	AQ	6.0	mg/L	cme

NET Atlantic, Cambridge Division
ANALYTICAL REPORT

Report Date: 10/22/1991

Report To: Wehran Engineering

NET Job No: 91.1710

Project: GE Wilmington

Date Rec'd: 09/30/1991

Sample ID: GEW-GW-WE3-002

NET Sample No: 16461

WE-3

Parameter		Result	Units	Analyst
BOD - 5 day	AQ	<47	mg/L	nbc
Chemical Oxygen Demand	AQ	160	mg/L	vkk
Nitrate-IC	AQ	0.12	mg/L N	nbc
Phosphorus-Total	AQ	3.8	mg/L P	lam
Total Organic Carbon, TOC	AQ	19	mg/L	tsm
Aqueous Digestion SW846	AQ	10/03/1991	date	kit
Hardness by calculation	AQ	340	mg/L	cme
Iron (Fe)	846 ICP AQ	210	mg/L	cme
Manganese (Mn)	846 ICP AQ	6.2	mg/L	cme

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/22/1991

Report To: Wehran Engineering

NET Job No: 91.1710

Project: GE Wilmington

Date Rec'd: 09/30/1991

Sample ID: GEW-GW-WE1-001

NET Sample No: 16460

WE-1

Parameter		Result	Units	Analyst
BOC - 5 day	AQ	<47	mg/L	mhc
Chemical Oxygen Demand	AQ	110	mg/L	vkk
Nitrate-IC	AQ	0.40	mg/L N	mhc
Phosphorus-Total	AQ	9.3	mg/L P	lsm
Total Organic Carbon, TOC	AQ	21	mg/L	tesn
Aqueous Digestion SW846	AQ	10/03/1991	date	kit
Hardness by calculation	AQ	230	mg/L	cme
Iron (Fe) 846 ICP	AQ	140	mg/L	cme
Manganese (Mn) 846 ICP	AQ	2.4	mg/L	cme

NET ATLANTIC, Cambridge Division

ANALYTICAL REPORT

Report To:

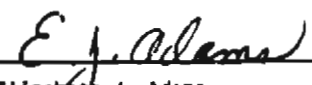
Mr. Eric Wood
Wehran Engineering
Andover Research Park
6 Riverside Dr. Suite 101
Andover, MA 01810-1121

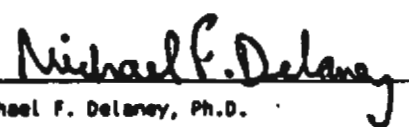
Reported By:

National Environmental Testing
NET Atlantic, Incorporated
Cambridge Division
12 Oak Park
Bedford, MA 01730

Report Date: 10/22/1991**NET Job Number:** 91.1710**Project:** GE Wilmington**Date Received:** 09/30/1991**NET Client No:** 80100**P.O. No:****Collected By:** Durrett, Lafond**Shipped Via:** Durrett**Job Description:****Airbill No:**

This report has been approved and certified for release by the following staff. Please feel free to call the NET Project Manager at 617-275-3535 with any questions or comments.


Elizabeth J. Adams
NET Project Manager


Michael F. Delaney, Ph.D.
Laboratory Director

Analytical data for the following samples are included in this data report.

SAMPLE ID	NET ID	DATE TAKEN	TIME TAKEN	DATE REC'D	MATRIX
GEW-GW-WE1-001	16460	09/30/1991		09/30/1991	SO
GEW-GW-WE3-002	16461	09/30/1991		09/30/1991	GW
GEW-GW-WE4S-003	16462	09/30/1991		09/30/1991	GW
GEW-GW-WE4D-004	16463	09/30/1991		09/30/1991	GW
GEW-GW-WE2-005	16464	09/30/1991		09/30/1991	GW
GEW-GW-WE5-006	16465	09/30/1991		09/30/1991	GW
GEW-GW-105R-007	16466	09/30/1991		09/30/1991	GW
GEW-GW-102R2-008	16467	09/30/1991		09/30/1991	GW
GEW-GW-WE6-009	16468	09/30/1991		09/30/1991	GW
GEW-GW-WE7-010	16469	09/30/1991		09/30/1991	GW
D GEW-GW-WE1-001 DISSOLVED	16470	09/30/1991		09/30/1991	GW
D GEW-GW-WE3-002 DISSOLVED	16471	09/30/1991		09/30/1991	GW
D GEW-GW-WE4S-003 DISSOLVED	16472	09/30/1991		09/30/1991	GW
D GEW-GW-WE4D-004 DISSOLVED	16473	09/30/1991		09/30/1991	GW
D GEW-GW-WE2-005 DISSOLVED	16474	09/30/1991		09/30/1991	GW
D GEW-GW-105R-007 DISSOLVED	16475	09/30/1991		09/30/1991	GW
D GEW-GW-102R2-008 DISSOLVED	16476	09/30/1991		09/30/1991	GW

NET

TEN

**NATIONAL
ENVIRONMENTAL
TESTING, INC.**

NET Atlantic, Inc., Cambridge Division, 12 Oak Park, Bedford, MA 01730
Formerly Cambridge Analytical Associates, Inc.

91.1682

Craig Durrett
(Print Name) Jim Lafond
(Print Name) _____

Signature Craig Durrett
Signature Jim Lafond

Signature _____
Signature _____

ANALYSES

[illegible]

Received by:

Received for Laboratory by:

Method of Shipment

LEN

PT 1 — ORIGINAL PT 2 NET Project Manager — Yellow PT 3 — Customer Copy — Pink

AXIPHA/AXIPHS SAMPLE WORKSHEET

Analysis Date: 10/07/91

Calibration $y = 0.0196x + 0.0137$
 slope intercept

y=absorbance x=concentration (mg/100mL extract)

Det. Lim.
 2.0 mg/L for 1 L water
 100 mg/kg for 20 g soil

To Use:
 Enter the Date.
 Enter the calibration co
 Enter the sample NET ID.
 Enter the medium ("a" fo
 Enter the XT data.
 Enter the sample amount
 Enter the Dilution Facto
 Your results are then ca

NET ID	Medium XT (a/a)	Abs	mg	Wet wt.	% solid	Sample	Dil	Blk	Det. Lim.	Conc.	% Rec.	XT 3660	A 3660	
91.1629-bk1s	s	100	0.000	-0.70	30.30 g	100	0.03 kg	1	0	66	0.00 mg/kg	100	0.000	
-lcs	s	32	0.495	24.52	30.60 g	100	0.03 kg	1	0	65	801.33 mg/kg	79%	100	0.000
-bk2s	s	99	0.004	-0.48	30.40 g	100	0.03 kg	1	0	66	0.00 mg/kg	100	0.000	
-16102	s	95	0.022	0.44	30.30 g	92	0.03 kg	1	0	72	15.67 mg/kg	100	0.000	
-16103	s	99	0.004	-0.48	30.50 g	96	0.03 kg	1	0	68	0.00 mg/kg	100	0.000	
-16104	s	88	0.056	2.13	30.20 g	86	0.03 kg	1	0	77	82.05 mg/kg	100	0.000	
-16105	s	98	0.009	-0.25	30.10 g	84	0.03 kg	1	0	79	0.00 mg/kg	100	0.000	
-16106	s	98	0.009	-0.25	30.50 g	97	0.03 kg	1	0	68	0.00 mg/kg	100	0.000	
-16107	s	98	0.009	-0.25	30.70 g	93	0.03 kg	1	0	70	0.00 mg/kg	100	0.000	
-16108	s	92	0.036	1.15	30.20 g	95	0.03 kg	1	0	70	39.98 mg/kg	100	0.000	
-16109	s	97	0.013	-0.02	31.80 g	86	0.03 kg	1	0	73	0.00 mg/kg	100	0.000	
-16110	s	96	0.018	0.21	31.00 g	94	0.03 kg	1	0	69	7.04 mg/kg	100	0.000	
91.1682-16257s	s	89	0.051	1.88	30.60 g	81	0.01 kg	1	0	311	492.79 mg/kg	100	0.000	
-16258	s	99	0.004	-0.48	30.20 g	47	0.01 kg	1	0	390	0.00 mg/kg	100	0.000	
-16259	s	82	0.086	3.69	32.10 g	49	0.01 kg	1	0	328	605.67 mg/kg	100	0.000	
-16260	s	91	0.041	1.39	30.00 g	38	0.01 kg	1	0	370	487.23 mg/kg	100	0.000	

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/10/1991

Report To: Mehran Engineering

NET Job No: 91.1682

Project: GE Wilmington

Date Rec'd: 09/26/1991

Sample ID	NET ID	Result	Units	Analysis Date	Analyst
-----------	--------	--------	-------	------------------	---------

EX Petroleum Hydrocarbon,TPH 8 EPA 418.1 modified

GEW-S2A-OF2-008	16257	10/04/1991	date		
GEW-S38-OF2-009	16258	10/04/1991	date		
GEW-S5A-OF1-010	16259	10/04/1991	date		
GEW-S6A-OF1-011	16260	10/04/1991	date		

Petroleum Hydrocarbons, TPH 8 EPA 418.1(modified)

GEW-S2A-OF2-008	16257	<310	mg/Kg	10/07/1991	ask
GEW-S38-OF2-009	16258	<390	mg/Kg	10/07/1991	ask
GEW-S5A-OF1-010	16259	610	mg/Kg	10/07/1991	ask
GEW-S6A-OF1-011	16260	<370	mg/Kg	10/07/1991	ask

* NOTE - All four samples in this job had very low percent solids. Therefore, they all have elevated detection limits. However, samples 16257 and 16260 do have significant amounts of petroleum hydrocarbons just below their respective detection limits. A copy of the sample worksheet is included for reference.

NET ATLANTIC, Cambridge Division

ANALYTICAL REPORT

Report To:

Mr. Eric Wood
Wehran Engineering
Andover Research Park
6 Riverside Dr. Suite 101
Andover, MA 01810-1121

Reported By:

National Environmental Testing
NET Atlantic, Incorporated
Cambridge Division
12 Oak Park
Bedford, MA 01730

Report Date: 10/10/1991

NET Job Number: 91.1682

Project: GE Wilmington

Date Received: 09/26/1991

NET Client No: 80100

P.O. No:

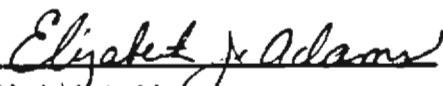
Collected By: DURRETT, LAFOND

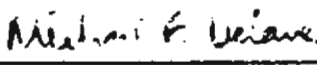
Shipped Via: LAFOND

Job Description: GE WILMINGTON

Airbill No:

This report has been approved and certified for release by the following staff. Please feel free to call the NET Project Manager at 617-273-3535 with any questions or comments.


Elizabeth J. Adams
NET Project Manager


Michael F. Delaney, Ph.D.
Laboratory Director

Analytical data for the following samples are included in this data report.

SAMPLE ID	NET ID	DATE TAKEN	TIME TAKEN	DATE REC'D	MATRIX
GEW-S2A-OF2-008	16257	09/20/1991		09/26/1991	SO
GEW-S3B-OF2-009	16258	09/20/1991		09/26/1991	SO
GEW-S5A-OF1-010	16259	09/20/1991		09/26/1991	SO
GEW-S6A-OF1-011	16260	09/20/1991		09/26/1991	SO

NET

PHONE (508) 682-1980

NET Atlantic, Inc., Cambridge Division, 12 Oak Park, Bedford, MA 01730
Formerly Cambridge Analytical Associates, Inc.

Signature _____

Signature _____

5-10-77	Am	GEW-SS-WEZ-005
11-18-77	Am	GEW-SS-B16-006
5-10-77	Am	GEW-SS-B16-007

SAMPLE
MATRIX

3	soil	chilled
2	soil	"
3	soil	"

ANALYSES

COMMENTS	
17815	HAH
	Phenols
	Cyanide
	Metals
	Pesticides/PCBs
226	Extractable Organics
	Volatile Organics

COMMENTS

Received by:

Method of Shipment

Remarks

TEN

PT 1 — ORIGINAL PT 2 NET Project Manager — Yellow PT 3--Customer Copy--Pink

AXIPHA/AXIPHS SAMPLE WORKSHEET

Analysis Date: 10/03/91

Det. Lim.
2.0 mg/L for 1 L water
100 mg/kg for 20 g soil

Calibration $y = 0.0197x + 0.0095$
slope intercept

y=absorbance x=concentration (mg/100mL extract)

To Use:
Enter the Date.
Enter the calibration co
Enter the sample NET ID.
Enter the medium ("a" fo
Enter the XT data.
Enter the sample amount
Enter the Dilution Facto
Your results are then ca

NET ID	Medium XT (a/s)	Abs	mg	Wet wt.	% solid	Sample	Dil	Blk	Det. Lim.	Conc.	% Rec.	XT 3660	A 3660	
91.1499-bk1s	s	97	0.013	0.19	31.00 g	100	0.03 kg	1	0	65	6.07 mg/kg	100	0.000	
-lcs	s	34	0.469	23.27	30.00 g	100	0.03 kg	1	0	67	775.56 mg/kg	75%	100	0.000
-bk2s	s	98	0.009	-0.04	30.40 g	100	0.03 kg	1	0	66	0.00 mg/kg	100	0.000	
-15444	s	39	0.409	20.25	30.90 g	90	0.03 kg	1	0	72	728.03 mg/kg	100	0.000	
-15445	s	58	0.237	11.51	30.20 g	94	0.03 kg	5	0	352	2027.16 mg/kg	100	0.000	
-15446	s	25	0.602	30.04	30.70 g	91	0.03 kg	10	0	716	10751.26 mg/kg	100	0.000	
91.1543-15417s	s	71	0.140	7.06	30.40 g	86	0.03 kg	1	0	77	272.03 mg/kg	100	0.000	
-15620	s	52	0.284	13.91	30.20 g	88	0.03 kg	1	0	75	523.53 mg/kg	100	0.000	
-15621	s	70	0.155	7.37	40.20 g	93	0.04 kg	1	0	53	197.12 mg/kg	100	0.000	
-15622	s	84	0.076	3.36	30.00 g	92	0.03 kg	1	0	72	124.99 mg/kg	100	0.000	
91.1575-15705s	s	70	0.155	7.37	30.10 g	87	0.03 kg	1	0	76	281.42 mg/kg	100	0.000	
91.1630-bk1s	s	98	0.009	-0.04		1.00 L	1	0	2	0.00 mg/L		100	0.000	
-lcs	s	43	0.367	18.10		1.00 L	1	0	2	18.10 mg/L	58%	100	0.000	
-16120	s	96	0.018	0.42		0.95 L	1	0	2	0.44 mg/L		100	0.000	
91.1553-15437s	s	37	0.432	21.41		0.85 L	1	0	2	25.18 mg/L		100	0.000	
91.1553-15437s	s	53	0.376	17.49		0.84 L	1	0	2	16.06 mg/L		100	0.000	

NET Atlantic, Cambridge Division

QUALITY CONTROL DATA

Report To:

NET Job No:

Project:

Report Date:

Matrix Spike/Matrix Spike Duplicate Results

Compound	Spike Amount	Sample Result	Units	MS Result	MS % Recovery	MSD Result	MSD % Recovery	RPD
Volatiles by GC/MS-CLP	\$							
Acetone	0.0	13	ug/Kg					
Benzene	50.0	<5.0	ug/kg dw	38.0	75.60	36.0	71.40	5.70
Bromodichloromethane	0.0	<5	ug/Kg					
Bromoform	0.0	<5	ug/Kg					
Bromomethane	0.0	<10	ug/Kg					
2-Butanone (MEK)	0.0	<10	ug/Kg					
Carbon Disulfide	0.0	<5	ug/Kg					
Carbon Tetrachloride	0.0	<5	ug/Kg					
Chlorobenzene	50.0	<5.0	ug/kg dw	35.0	69.00	38.0	75.00	8.30
Chloroethane	0.0	<10	ug/Kg					
Chloroform	0.0	<5	ug/Kg					
Chloromethane	0.0	<10	ug/Kg					
Dibromochloromethane	0.0	<5	ug/Kg					
1,1-Dichloroethane	0.0	<5	ug/Kg					
1,2-Dichloroethane	0.0	<5	ug/Kg					
1,2-Dichloroethane (total)	0.0	<5	ug/Kg					
1,1-Dichloroethene	50.0	<5.0	ug/kg dw	40.0	80.80	40.0	80.00	1.00
1,2-Dichloropropene	0.0	<5	ug/Kg					
cis-1,3-Dichloropropene	0.0	<5	ug/Kg					
trans-1,3-Dichloropropene	0.0	<5	ug/Kg					
Ethylbenzene	0.0	<5	ug/Kg					
2-Hexanone	0.0	<10	ug/Kg					
4-Methyl-2-pentanone (MIBK)	0.0	<10	ug/Kg					
Methylene Chloride	0.0	<5	ug/Kg					
Styrene	0.0	<5	ug/Kg					
1,1,2,2-Tetrachloroethane	0.0	<5	ug/Kg					
Tetrachloroethene	0.0	<5	ug/Kg					
Toluene	50.0	3.0	ug/kg dw	42.0	78.60	40.0	73.80	5.80
1,1,1-Trichloroethane	0.0	<5	ug/Kg					
1,1,2-Trichloroethane	0.0	<5	ug/Kg					
Trichloroethene	50.0	<5.0	ug/kg dw	32.0	63.20	35.0	69.00	8.80
Vinyl Acetate	0.0	<10	ug/Kg					
Vinyl Chloride	0.0	<10	ug/Kg					
Xylenes, total	0.0	<5	ug/Kg					

NET Atlantic, Cambridge Division

QUALITY CONTROL DATA

Client: Wehran Engineering

NET Job No: 91.1499

Project:

Report Date: 10/09/1991

Volatile Organics Analysis, Surrogate Standard Percent Recovery

Sample ID	NET ID	SS1 %	SS2 %	SS3 %	Matrix
GEW-SS-WE2-005	15444	98	83	96	SO
GEW-SS-B16-006	15445	100	92	99	SO
GEW-SS-B16-007	15446	112	113	114	SO

SS1 = Bromofluorobenzene

SS2 = d4-1,2-Dichloroethane

SS3 = d8-Toluene

NET

NET Atlantic, Cambridge Division
BATCH QUALITY CONTROL DATA

Report To: Wehran Engineering

NET Job No: 91.1499

Program:

Report Date: 10/09/1991

Parameter		LCS % Recovery	Method Blank	Spike % Recovery	Sample (Run 1)	Duplicate (Run 2)	Analyst
Total Organic Carbon (TOC)	\$	99.50	<5.0	99.00	10000	10700	tam

Please note that the data reported for the Duplicates and Spikes were analyzed in the same batch, but may not necessarily be that of your sample.

LCS - Laboratory Control Sample

NET

NET Atlantic, Cambridge Division

QUALITY CONTROL DATA

Report To: Mohran Engineering

NET Job No: 91.1499

Project:

Report Date : 10/09/1991

Method Blank Analysis Data

Test Name	Result	Units	Run Batch	Run Date	Analyst Initials
TCL Volatiles by GC/MS 8240 S					
Acetone	<500.	ug/Kg	49	09/23/1991	ewt
Benzene	<500.	ug/Kg	49	09/23/1991	ewt
Bromodichloromethane	<500.	ug/Kg	49	09/23/1991	ewt
Bromoform	<500.	ug/Kg	49	09/23/1991	ewt
Bromomethane	<500.	ug/Kg	49	09/23/1991	ewt
2-Butanone (MEK)	<500.	ug/Kg	49	09/23/1991	ewt
Carbon Disulfide	<500.	ug/Kg	49	09/23/1991	ewt
Carbon Tetrachloride	<500.	ug/Kg	49	09/23/1991	ewt
Chlorobenzene	<500.	ug/Kg	49	09/23/1991	ewt
Chloroethane	<500.	ug/Kg	49	09/23/1991	ewt
2-Chloroethylvinyl ether	<500.	ug/Kg	49	09/23/1991	ewt
Chloroform	<500.	ug/Kg	49	09/23/1991	ewt
Chloromethane	<500.	ug/Kg	49	09/23/1991	ewt
Dibromochloromethane	<500.	ug/Kg	49	09/23/1991	ewt
1,2-Dichlorobenzene	<500.	ug/Kg	49	09/23/1991	ewt
1,3-Dichlorobenzene	<500.	ug/Kg	49	09/23/1991	ewt
1,4-Dichlorobenzene	<500.	ug/Kg	49	09/23/1991	ewt
1,1-Dichloroethane	<500.	ug/Kg	49	09/23/1991	ewt
1,2-Dichloroethane	<500.	ug/Kg	49	09/23/1991	ewt
1,1-Dichloroethene	<500.	ug/Kg	49	09/23/1991	ewt
trans-1,2-Dichloroethene	<500.	ug/Kg	49	09/23/1991	ewt
1,2-Dichloropropene	<500.	ug/Kg	49	09/23/1991	ewt
cis-1,3-Dichloropropene	<500.	ug/Kg	49	09/23/1991	ewt
trans-1,3-Dichloropropene	<500.	ug/Kg	49	09/23/1991	ewt
Ethylbenzene	<500.	ug/Kg	49	09/23/1991	ewt
2-Hexanone	<500.	ug/Kg	49	09/23/1991	ewt
4-Methyl-2-pentanone (MIBK)	<500.	ug/Kg	49	09/23/1991	ewt
Methylene Chloride	<500.	ug/Kg	49	09/23/1991	ewt
Styrene	<500.	ug/Kg	49	09/23/1991	ewt
1,1,2,2-Tetrachloroethane	<500.	ug/Kg	49	09/23/1991	ewt
Tetrachloroethene	<500.	ug/Kg	49	09/23/1991	ewt
Toluene	<500.	ug/Kg	49	09/23/1991	ewt
1,1,1-Trichloroethane	<500.	ug/Kg	49	09/23/1991	ewt
1,1,2-Trichloroethane	<500.	ug/Kg	49	09/23/1991	ewt
Trichloroethene	<500.	ug/Kg	49	09/23/1991	ewt
Trichlorofluoromethane	<500.	ug/Kg	49	09/23/1991	ewt
Vinyl Acetate	<500.	ug/Kg	49	09/23/1991	ewt
Vinyl Chloride	<500.	ug/Kg	49	09/23/1991	ewt
m-Xylene	<500.	ug/Kg	49	09/23/1991	ewt
o-Xylene	<500.	ug/Kg	49	09/23/1991	ewt
p-Xylene	<500.	ug/Kg	49	09/23/1991	ewt

NET Atlantic, Cambridge Division

QUALITY CONTROL DATA

Report To: Wehran Engineering

NET Job No: 91.1499

Project:

Report Date : 10/09/1991

Method Blank Analysis Data

Test Name	Result	Units	Run Batch	Run Date	Analyst Initials
TCL Volatiles by GC/MS 8240 S					
Acetone	<500.	ug/Kg	48	09/24/1991	ewt
Benzene	<500.	ug/Kg	48	09/24/1991	ewt
Bromodichloromethane	<500.	ug/Kg	48	09/24/1991	ewt
Bromoform	<500.	ug/Kg	48	09/24/1991	ewt
Bromomethane	<500.	ug/Kg	48	09/24/1991	ewt
2-Butanone (MEK)	<500.	ug/Kg	48	09/24/1991	ewt
Carbon Disulfide	<500.	ug/Kg	48	09/24/1991	ewt
Carbon Tetrachloride	<500.	ug/Kg	48	09/24/1991	ewt
Chlorobenzene	<500.	ug/Kg	48	09/24/1991	ewt
Chloroethane	<500.	ug/Kg	48	09/24/1991	ewt
2-Chloroethylvinyl ether	<500.	ug/Kg	48	09/24/1991	ewt
Chloroform	<500.	ug/Kg	48	09/24/1991	ewt
Chloromethane	<500.	ug/Kg	48	09/24/1991	ewt
Dibromochloromethane	<500.	ug/Kg	48	09/24/1991	ewt
1,2-Dichlorobenzene	<500.	ug/Kg	48	09/24/1991	ewt
1,3-Dichlorobenzene	<500.	ug/Kg	48	09/24/1991	ewt
1,4-Dichlorobenzene	<500.	ug/Kg	48	09/24/1991	ewt
1,1-Dichloroethane	<500.	ug/Kg	48	09/24/1991	ewt
1,2-Dichloroethane	<500.	ug/Kg	48	09/24/1991	ewt
1,1-Dichloroethene	<500.	ug/Kg	48	09/24/1991	ewt
trans-1,2-Dichloroethene	<500.	ug/Kg	48	09/24/1991	ewt
1,2-Dichloropropene	<500.	ug/Kg	48	09/24/1991	ewt
cis-1,3-Dichloropropene	<500.	ug/Kg	48	09/24/1991	ewt
trans-1,3-Dichloropropene	<500.	ug/Kg	48	09/24/1991	ewt
Ethylbenzene	<500.	ug/Kg	48	09/24/1991	ewt
2-Hexanone	<500.	ug/Kg	48	09/24/1991	ewt
4-Methyl-2-pentanone (MIBK)	<500.	ug/Kg	48	09/24/1991	ewt
Methylene Chloride	<500.	ug/Kg	48	09/24/1991	ewt
Styrene	<500.	ug/Kg	48	09/24/1991	ewt
1,1,2,2-Tetrachloroethane	<500.	ug/Kg	48	09/24/1991	ewt
Tetrachloroethene	<500.	ug/Kg	48	09/24/1991	ewt
Toluene	<500.	ug/Kg	48	09/24/1991	ewt
1,1,1-Trichloroethane	<500.	ug/Kg	48	09/24/1991	ewt
1,1,2-Trichloroethane	<500.	ug/Kg	48	09/24/1991	ewt
Trichloroethane	<500.	ug/Kg	48	09/24/1991	ewt
Trichlorofluoromethane	<500.	ug/Kg	48	09/24/1991	ewt
Vinyl Acetate	<500.	ug/Kg	48	09/24/1991	ewt
Vinyl Chloride	<500.	ug/Kg	48	09/24/1991	ewt
m-Xylene	<500.	ug/Kg	48	09/24/1991	ewt
o-Xylene	<500.	ug/Kg	48	09/24/1991	ewt
p-Xylene	<500.	ug/Kg	48	09/24/1991	ewt

NET Atlantic, Cambridge Division

QUALITY CONTROL DATA

Report To: Wehran Engineering

NET Job No: 91.1499

Project:

Report Date : 10/09/1991

Method Blank Analysis Data

Test Name	Result	Units	Run Batch	Run Date	Analyst Initials
TCL Volatiles by GC/MS 8240 S					
Acetone	10	ug/Kg	45	09/23/1991	jcg
Benzene	<5.0	ug/Kg	45	09/23/1991	jcg
Bromodichloromethane	<5.0	ug/Kg	45	09/23/1991	jcg
Bromoform	<5.0	ug/Kg	45	09/23/1991	jcg
Bromomethane	<5.0	ug/Kg	45	09/23/1991	jcg
2-Butanone (MEK)	<5.0	ug/Kg	45	09/23/1991	jcg
Carbon Disulfide	<5.0	ug/Kg	45	09/23/1991	jcg
Carbon Tetrachloride	<5.0	ug/Kg	45	09/23/1991	jcg
Chlorobenzene	<5.0	ug/Kg	45	09/23/1991	jcg
Chloroethane	<5.0	ug/Kg	45	09/23/1991	jcg
2-Chloroethylvinyl ether	<5.0	ug/Kg	45	09/23/1991	jcg
Chloroform	<5.0	ug/Kg	45	09/23/1991	jcg
Chloromethane	<5.0	ug/Kg	45	09/23/1991	jcg
Dibromochloromethane	<5.0	ug/Kg	45	09/23/1991	jcg
1,2-Dichlorobenzene	<5.0	ug/Kg	45	09/23/1991	jcg
1,3-Dichlorobenzene	<5.0	ug/Kg	45	09/23/1991	jcg
1,4-Dichlorobenzene	<5.0	ug/Kg	45	09/23/1991	jcg
1,1-Dichloroethane	<5.0	ug/Kg	45	09/23/1991	jcg
1,2-Dichloroethane	<5.0	ug/Kg	45	09/23/1991	jcg
1,1-Dichloroethene	<5.0	ug/Kg	45	09/23/1991	jcg
trans-1,2-Dichloroethene	<5.0	ug/Kg	45	09/23/1991	jcg
1,2-Dichloropropene	<5.0	ug/Kg	45	09/23/1991	jcg
cis-1,3-Dichloropropene	<5.0	ug/Kg	45	09/23/1991	jcg
trans-1,3-Dichloropropene	<5.0	ug/Kg	45	09/23/1991	jcg
Ethylbenzene	<5.0	ug/Kg	45	09/23/1991	jcg
2-Hexanone	<5.0	ug/Kg	45	09/23/1991	jcg
4-Methyl-2-pentanone (MIBK)	<5.0	ug/Kg	45	09/23/1991	jcg
Methylene Chloride	<5.0	ug/Kg	45	09/23/1991	jcg
Styrene	<5.0	ug/Kg	45	09/23/1991	jcg
1,1,2,2-Tetrachloroethane	<5.0	ug/Kg	45	09/23/1991	jcg
Tetrachloroethene	<5.0	ug/Kg	45	09/23/1991	jcg
Toluene	<5.0	ug/Kg	45	09/23/1991	jcg
1,1,1-Trichloroethane	<5.0	ug/Kg	45	09/23/1991	jcg
1,1,2-Trichloroethane	<5.0	ug/Kg	45	09/23/1991	jcg
Trichloroethene	<5.0	ug/Kg	45	09/23/1991	jcg
Trichlorofluoromethane	<5.0	ug/Kg	45	09/23/1991	jcg
Vinyl Acetate	<5.0	ug/Kg	45	09/23/1991	jcg
Vinyl Chloride	<5.0	ug/Kg	45	09/23/1991	jcg
m-Xylene	<5.0	ug/Kg	45	09/23/1991	jcg
o-Xylene	<5.0	ug/Kg	45	09/23/1991	jcg
p-Xylene	<5.0	ug/Kg	45	09/23/1991	jcg

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/09/1991

Report To: Mehran Engineering

NET Job No: 91.1499

Project: GE Wilmington

Date Rec'd: 09/18/1991

Sample ID: GEW-SS-B16-007

NET Sample No: 15446

Parameter	Result	Units	Analysis Date	Analyst
TCL Volatiles by GC/MS 8240 S				
Acetone	<1300.	ug/Kg	09/23/1991	ewt
Benzene	<1300.	ug/Kg		
Bromodichloromethane	<1300.	ug/Kg		
Bromoform	<1300.	ug/Kg		
Bromomethane	<1300.	ug/Kg		
2-Butanone (MEK)	<1300.	ug/Kg		
Carbon Disulfide	<1300.	ug/Kg		
Carbon Tetrachloride	<1300.	ug/Kg		
Chlorobenzene	<1300.	ug/Kg		
Chloroethane	<1300.	ug/Kg		
2-Chloroethylvinyl ether	<1300.	ug/Kg		
Chloroform	<1300.	ug/Kg		
Chloromethane	<1300.	ug/Kg		
Dibromochloromethane	<1300.	ug/Kg		
1,2-Dichlorobenzene	<1300.	ug/Kg		
1,3-Dichlorobenzene	<1300.	ug/Kg		
1,4-Dichlorobenzene	<1300.	ug/Kg		
1,1-Dichloroethane	<1300.	ug/Kg		
1,2-Dichloroethane	<1300.	ug/Kg		
1,1-Dichloroethene	<1300.	ug/Kg		
trans-1,2-Dichloroethene	<1300.	ug/Kg		
1,2-Dichloropropene	<1300.	ug/Kg		
cis-1,3-Dichloropropene	<1300.	ug/Kg		
trans-1,3-Dichloropropene	<1300.	ug/Kg		
Ethylbenzene	<1300.	ug/Kg		
2-Hexanone	<1300.	ug/Kg		
4-Methyl-2-pentanone (MIBK)	<1300.	ug/Kg		
Methylene Chloride	<1300.	ug/Kg		
Styrene	<1300.	ug/Kg		
1,1,2,2-Tetrachloroethane	<1300.	ug/Kg		
Tetrachloroethane	<1300.	ug/Kg		
Toluene	28,000	ug/Kg		
1,1,1-Trichloroethane	<1300.	ug/Kg		
1,1,2-Trichloroethane	<1300.	ug/Kg		
Trichloroethene	<1300.	ug/Kg		
Trichlorofluoromethane	1,600	ug/Kg		
Vinyl Acetate	<1300.	ug/Kg		
Vinyl Chloride	<1300.	ug/Kg		
m-Xylene	2600 *	ug/Kg		
o-Xylene	1500	ug/Kg		
p-Xylene	*	ug/Kg		

* These two compounds coelute. The reported concentration should be considered one, the other, or both of these compounds.

NET

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/09/1991

Report To: Wehran Engineering

NET Job No: 91.1499

Project: GE Wilmington

Date Rec'd: 09/18/1991

Sample ID: GEW-SS-B16-006

NET Sample No: 15445

Parameter	Result	Units	Analysis Date	Analyst
TCL Volatiles by GC/MS 8240 S				
Acetone	99	ug/Kg	09/23/1991	jcg
Benzene	<5.0	ug/Kg		
Bromodichloromethane	<5.0	ug/Kg		
Bromoform	<5.0	ug/Kg		
Bromomethane	<5.0	ug/Kg		
2-Butanone (MEK)	<5.0	ug/Kg		
Carbon Disulfide	<5.0	ug/Kg		
Carbon Tetrachloride	<5.0	ug/Kg		
Chlorobenzene	<5.0	ug/Kg		
Chloroethane	<5.0	ug/Kg		
2-Chloroethylvinyl ether	<5.0	ug/Kg		
Chloroform	<5.0	ug/Kg		
Chloromethane	<5.0	ug/Kg		
Dibromochloromethane	<5.0	ug/Kg		
1,2-Dichlorobenzene	<5.0	ug/Kg		
1,3-Dichlorobenzene	<5.0	ug/Kg		
1,4-Dichlorobenzene	<5.0	ug/Kg		
1,1-Dichloroethane	<5.0	ug/Kg		
1,2-Dichloroethane	<5.0	ug/Kg		
1,1-Dichloroethene	<5.0	ug/Kg		
trans-1,2-Dichloroethene	<5.0	ug/Kg		
1,2-Dichloropropene	<5.0	ug/Kg		
cis-1,3-Dichloropropene	<5.0	ug/Kg		
trans-1,3-Dichloropropene	<5.0	ug/Kg		
Ethylbenzene	<5.0	ug/Kg		
2-Hexanone	<5.0	ug/Kg		
4-Methyl-2-pentanone (MIBK)	<5.0	ug/Kg		
Methylene Chloride	<5.0	ug/Kg		
Styrene	<5.0	ug/Kg		
1,1,2,2-Tetrachloroethane	<5.0	ug/Kg		
Tetrachloroethene	<5.0	ug/Kg		
Toluene	60	ug/Kg		
1,1,1-Trichloroethane	<5.0	ug/Kg		
1,1,2-Trichloroethane	<5.0	ug/Kg		
Trichloroethene	<5.0	ug/Kg		
Trichlorofluoromethane	<5.0	ug/Kg		
Vinyl Acetate	<5.0	ug/Kg		
Vinyl Chloride	<5.0	ug/Kg		
m-Xylene	20	ug/Kg		
o-Xylene	60 *	ug/Kg		
p-Xylene	*	ug/Kg		

* These two compounds coelute. The reported concentration should be considered one, the other, or both of these compounds.

NET

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/09/1991

Report To: Wehran Engineering

NET Job No: 91.1499

Project: GE Wilmington

Date Rec'd: 09/18/1991

Sample ID: GEW-SS-ME2-005

NET Sample No: 15444

Parameter	Result	Units	Analysis Date	Analyst

TCL Volatiles by GC/MS 8240 s				
Acetone	<2800.	ug/Kg	09/24/1991	ewt
Benzene	<2800.	ug/Kg		
Bromodichloromethane	<2800.	ug/Kg		
Bromoform	<2800.	ug/Kg		
Bromomethane	<2800.	ug/Kg		
2-Butanone (MEK)	<2800.	ug/Kg		
Carbon Disulfide	<2800.	ug/Kg		
Carbon Tetrachloride	<2800.	ug/Kg		
Chlorobenzene	<2800.	ug/Kg		
Chloroethane	<2800.	ug/Kg		
2-Chloroethylvinyl ether	<2800.	ug/Kg		
Chloroform	<2800.	ug/Kg		
Chloromethane	<2800.	ug/Kg		
Dibromochloromethane	<2800.	ug/Kg		
1,2-Dichlorobenzene	<2800.	ug/Kg		
1,3-Dichlorobenzene	<2800.	ug/Kg		
1,4-Dichlorobenzene	<2800.	ug/Kg		
1,1-Dichloroethane	<2800.	ug/Kg		
1,2-Dichloroethane	<2800.	ug/Kg		
1,1-Dichloroethene	<2800.	ug/Kg		
trans-1,2-Dichloroethene	<2800.	ug/Kg		
1,2-Dichloropropane	<2800.	ug/Kg		
cis-1,3-Dichloropropene	<2800.	ug/Kg		
trans-1,3-Dichloropropene	<2800.	ug/Kg		
Ethylbenzene	15,000	ug/Kg		
2-Hexanone	<2800.	ug/Kg		
4-Methyl-2-pentanone (MIBK)	<2800.	ug/Kg		
Methylene Chloride	<2800.	ug/Kg		
Styrene	<2800.	ug/Kg		
1,1,2,2-Tetrachloroethane	<2800.	ug/Kg		
Tetrachloroethene	<2800.	ug/Kg		
Toluene	22,000	ug/Kg		
1,1,1-Trichloroethane	<2800.	ug/Kg		
1,1,2-Trichloroethane	<2800.	ug/Kg		
Trichloroethene	<2800.	ug/Kg		
Trichlorofluoromethane	<2800.	ug/Kg		
Vinyl Acetate	<2800.	ug/Kg		
Vinyl Chloride	<2800.	ug/Kg		
m-Xylene	120,000 *	ug/Kg		
o-Xylene	57,000	ug/Kg		
p-Xylene	*	ug/Kg		

* These two compounds coelute. The reported concentration should be considered one, the other, or both of these compounds.

NET

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/09/1991

Report To: Wehran Engineering

NET Job No: 91.1499

Project: GE Wilmington

Date Rec'd: 09/18/1991

Sample ID	NET ID	Result	Units	Analysis Date	Analyst

Total Organic Carbon (TOC) S EPA 415.1					
GEW-SS-WE2-005	15444	10000	mg/Kg	10/08/1991	tam
GEW-SS-B16-007	15446	11000	mg/Kg	10/08/1991	tam
EX Petroleum Hydrocarbon, TPH S EPA 418.1 modified					
GEW-SS-WE2-005	15444	10/01/1991	date	10/01/1991	kam
GEW-SS-B16-006	15445	10/01/1991	date	10/01/1991	kam
GEW-SS-B16-007	15446	10/01/1991	date	10/01/1991	kam
Petroleum Hydrocarbons, TPH S EPA 418.1(modified)					
GEW-SS-WE2-005	15444	730	mg/Kg	10/03/1991	ask
GEW-SS-B16-006	15445	2000	mg/Kg	10/03/1991	ask
GEW-SS-B16-007	15446	11000	mg/Kg	10/03/1991	ask

NET ATLANTIC, Cambridge Division

ANALYTICAL REPORT

Report To:

Mr. Eric Wood
Wehran Engineering
Andover Research Park
6 Riverside Dr. Suite 101
Andover, MA 01810-1121

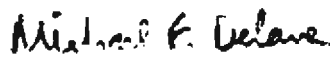
Reported By:

National Environmental Testing
NET Atlantic, Incorporated
Cambridge Division
12 Oak Park
Bedford, MA 01730

Report Date: 10/09/1991**NET Job Number:** 91.1499**Project:** GE Wilmington**Date Received:** 09/18/1991**NET Client No:** 80100**P.O. No:****Collected By:** C. Durrett**Shipped Via:** C. Durrett**Job Description:****Airbill No:**

This report has been approved and certified for release by the following staff. Please feel free to call the NET Project Manager at 617-273-3535 with any questions or comments.


Elizabeth J. Adams
NET Project Manager


Michael F. Delaney, Ph.D.
Laboratory Director

Analytical data for the following samples are included in this data report.

SAMPLE ID	NET ID	DATE TAKEN	TIME TAKEN	DATE REC'D	MATRIX
GEW-SS-ME2-005	15444	09/16/1991		09/18/1991	SO
GEW-SS-B16-006	15445	09/18/1991		09/18/1991	SO
GEW-SS-B16-007	15446	09/18/1991		09/18/1991	SO



**NATIONAL
ENVIRONMENTAL
TESTING, INC.**

NET Atlantic, Inc., Cambridge Division, 12 Oak Park, Bedford, MA 01730
Formerly Cambridge Analytical Associates, Inc.

PROJECT NAME GE-Wilmington
 COMPANY Wohran
 ADDRESS 6 Riverside Drive, Andover, Mass 01810
 PHONE (508) 682-1980

[illegible]

NET Atlantic, Cambridge Division
ANALYTICAL REPORT

Report Date: 10/22/1991

Report To: Wehran Engineering

NET Job No: 91.1710

Project: GE Wilmington

Date Rec'd: 09/30/1991

Sample ID: D GEW-GW-105R-007 DISSOLVED

NET Sample No: 16475

GZA-105R

Parameter	Result	Units	Analyst
Aqueous digestion dis SW846 AQ	10/03/1991	date	kit
Iron (Fe) DIS 846 ICP AQ	0.62	mg/L	cme
Manganese (Mn) DIS 846 ICP AQ	1.1	mg/L	cme

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/22/1991

Report To: Wehran Engineering

NET Job No: 91.1710

Project: GE Wilmington

Date Rec'd: 09/30/1991

Sample ID: D GEW-GW-WE2-005 DISSOLVED

NET Sample No: 16474

WE-2

Parameter	Result	Units	Analyst
Aqueous digestion dia SW846 AQ	10/03/1991	date	kit
Iron (Fe) DIS 846 ICP AQ	25	mg/L	cme
Manganese (Mn) DIS 846 ICP AQ	2.4	mg/L	cme

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/22/1991

Report To: Wehran Engineering

NET Job No: 91.1710

Project: GE Wilmington

Date Rec'd: 09/30/1991

Sample ID: D GEW-GW-WE4D-004 DISSOLVED

NET Sample No: 16473

WE-4D

Parameter	Result	Units	Analyst
Aqueous digestion dis SW846 AQ	10/03/1991	date	kit
Iron (Fe) DIS 846 ICP AQ	2.8	mg/L	cmg
Manganese (Mn) DIS 846 ICP AQ	2.3	mg/L	cmg

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/22/1991

Report To: Wehran Engineering

NET Job No: 91.1710

Project: GE Wilmington

Date Rec'd: 09/30/1991

Sample ID: D GEW-GW-WE4S-003 DISSOLVED

NET Sample No: 16472

WE-4S

Parameter	Result	Units	Analyst
Aqueous digestion dis SV846 AQ	10/03/1991	date	kit
Iron (Fe) DIS 846 ICP AQ	31	mg/L	cmo
Manganese (Mn) DIS 846 ICP AQ	4.3	mg/L	cmo

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/22/1991

Report To: Wehran Engineering

NET Job No: 91.1710

Project: GE Wilmington

Date Rec'd: 09/30/1991

Sample ID: D GEW-GW-WE3-002 DISSOLVED

NET Sample No: 16471

WE-3

Parameter	Result	Units	Analyst
Aqueous digestion dis SU846 AQ	10/03/1991	date	kit
Iron (Fe) DIS 846 ICP AQ	35	mg/L	cme
Manganese (Mn) DIS 846 ICP AQ	4.2	mg/L	cme

NET Atlantic, Cambridge Division
ANALYTICAL REPORT

Report Date: 10/22/1991

Report To: Wehren Engineering

NET Job No: 91.1710

Project: GE Wilmington

Date Rec'd: 09/30/1991

Sample ID: D GEW-GW-WE1-001 DISSOLVED

NET Sample No: 16470

WE-1

Parameter	Result	Units	Analyst
Aqueous digestion dis SW846 AQ	10/03/1991	date	kit
Iron (Fe) DIS 846 ICP AQ	5.0	mg/L	cmo
Manganese (Mn) DIS 846 ICP AQ	0.87	mg/L	cmo

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/22/1991

Report To: Wehran Engineering

NET Job No: 91.1710

Project: GE Wilmington

Date Rec'd: 09/30/1991

Sample ID: GEW-GW-102R2-008

NET Sample No: 16467

GZA-102R2

Parameter		Result	Units	Analyst
BOD - 5 day	AQ	<47	mg/L	mhc
Chemical Oxygen Demand	AQ	50	mg/L	vkk
Nitrate-IC	AQ	0.83	mg/L N	mhc
Phosphorus-Total	AQ	<0.010	mg/L P	lan
Total Organic Carbon, TOC	AQ	0.86	mg/L	tam
Aqueous Digestion SW846	AQ	10/03/1991	date	kit
Hardness by calculation	AQ	220	mg/L	cmo
Iron (Fe) 846 ICP	AQ	0.30	mg/L	cmo
Manganese (Mn) 846 ICP	AQ	0.070	mg/L	cmo
EX Petroleum Hydro., TPH	AQ	10/16/1991	date	ert
Petroleum Hydrocarbons, TPH	AQ	<3	mg/L	esk

AXIPHA/AXIPHS SAMPLE WORKSHEET

Analysis Date: 09/27/91

Det. Lim.

2.0 mg/L for 1 L water

100 mg/kg for 20 g soil

Calibration $y = 0.0194 x + 0.0200$
slope intercept

To Use:

Enter the Date.

Enter the calib

Enter the sampl

Enter the mediu

Enter the XT da

Enter the sampl

Enter the Dilut

Your results ar

y=absorbance x=concentration (mg/100mL extract)

NET ID	Medium XT (a/s)	Abs	mg	Wet wt.	% solid	Sample	Dil	Blk	Det. Lim.	Conc.	% Rec.	XT 3660	A 3660	
91.1451-bk1a	s	98	0.009	-0.58	30.20 g	100	0.03 kg	1	0	66	0.00 mg/kg	100	0.000	
-lca	s	58	0.237	11.14	30.50 g	100	0.03 kg	1	0	66	365.15 mg/kg	36%	100	0.000
-15212	s	94	0.027	0.35	30.20 g	88	0.03 kg	1	0	75	13.30 mg/kg	100	0.000	
-15213	s	32	0.495	24.42	30.80 g	77	0.02 kg	25	0	2108	25741.07 mg/kg	100	0.000	
-15214	s	86	0.066	2.34	31.50 g	89	0.03 kg	1	0	71	83.47 mg/kg	100	0.000	
-15215	s	71	0.149	6.62	30.20 g	87	0.03 kg	25	0	1903	6299.55 mg/kg	100	0.000	

NET Atlantic, Cambridge Division

QUALITY CONTROL DATA

Client: Wehran Engineering

NET Job No: 91.1451

Project: GE Wilmington

Report Date: 10/01/1991

Surrogate Standard Percent Recovery

Abbreviated Surrogate Standard Names:

SS1	SS2	SS3	SS4	SS5	SS6	SS7	SS8	SS9	SS10	SS11	SS12
Bromofl	1,2-Dic	Toluene									

Sample ID	NET ID	Matrix	Percent Recovery									SS10	SS11	SS12
			SS1	SS2	SS3	SS4	SS5	SS6	SS7	SS8	SS9			
GEW-SS-B2-002	15213	SO	93	83	107									
GEW-SS-B4-003	15214	SO	94	88	104									
GEW-SS-WE4D-004	15215	SO	104	86	103									

Notes:

NR - This surrogate standard is Not Required. Future versions of the test method will require this surrogate standard.

Dil - This surrogate standard was diluted to below detectable levels due to concentrations of analytes in this sample.

Complete Surrogate Standard Names Listed by Analysis:

Pesticide Surrogate Standards:

Decachl = Decachlorobiphenyl (NR)

Dibutyl = Dibutylchlorodate

Tetrach = Tetrachlorobiphenyl (NR)

Volatile Surrogate Standards:

Bromofl = Bromofluorobenzene

1,2-Dichl = 1,2-Dichloroethane-d4

Toluene = Toluene-d8

Semivolatile Surrogate Standards:

2-Fluor (1st) = 2-Fluorobiphenyl

Phenol- = Phenol-d6

2,4,6-T = 2,4,6-Tribromophenol

2-Fluor (2nd) = 2-Fluorophenol

Nitroben = Nitrobenzene-d5

p-Terph = p-Terphenyl

Herbicides Surrogate Standard:

2,4-Dic = 2,4-Dichlorophenyl acetic acid

Petroleum Hydrocarbon Fingerprint Surrogate Standard:

2-Fluor = 2-Fluorobiphenyl

para-Te = para-Terphenyl

NET

NET Atlantic, Cambridge Division

QUALITY CONTROL DATA

Report Date: 09/30/1991

NET Job No: 91.1160

Report To:

Project:

Date Received:

Matrix Spike/Matrix Spike Duplicate Results

Compound	Spike Amount	Sample Result	Units	MS Result	MS % Recovery	MSD Result	MSD % Recovery	% RPD

TCL Volatiles by GC/MS 8240 S								
Benzene	50.0	<5.0	ug/Kg	53.0	106	51.0	101	4
Chlorobenzene	50.0	<5.0	ug/Kg	52.0	104	47.0	95	10
1,1-Dichloroethene	50.0	<5.0	ug/Kg	43.0	89	45.0	91	0
Toluene	50.0	<5.0	ug/Kg	50.0	101	48.0	96	4
Trichloroethene	50.0	<5.0	ug/Kg	45.0	89	42.0	83	7

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/22/1991

Report To: Wehran Engineering

NET Job No: 91.1710

Project: GE Wilmington

Date Rec'd: 09/30/1991

Sample ID: GEW-GW-ME1-001

NET Sample No: 16460

WE-1

Parameter	Result	Units	Analysis Date	Analyst

TCL Volatiles by GC/MS 624 AQ				
Acetone	<5.0	ug/L	10/07/1991	cfl
Benzene	<5.0	ug/L		
Bromodichloromethane	<5.0	ug/L		
Bromoform	<5.0	ug/L		
Bromomethane	<5.0	ug/L		
2-Butanone (MEK)	<5.0	ug/L		
Carbon Disulfide	<5.0	ug/L		
Carbon Tetrachloride	<5.0	ug/L		
Chlorobenzene	<5.0	ug/L		
Chloroethane	<5.0	ug/L		
2-Chloroethylvinyl ether	<5.0	ug/L		
Chloroform	<5.0	ug/L		
Chloromethane	<5.0	ug/L		
Dibromochloromethane	<5.0	ug/L		
1,2-Dichlorobenzene	<5.0	ug/L		
1,3-Dichlorobenzene	<5.0	ug/L		
1,4-Dichlorobenzene	<5.0	ug/L		
1,1-Dichloroethane	<5.0	ug/L		
1,2-Dichloroethane	<5.0	ug/L		
1,1-Dichloroethene	<5.0	ug/L		
trans-1,2-Dichloroethene	<5.0	ug/L		
1,2-Dichloropropene	<5.0	ug/L		
cis-1,3-Dichloropropene	<5.0	ug/L		
trans-1,3-Dichloropropene	<5.0	ug/L		
Ethylbenzene	<5.0	ug/L		
2-Hexanone	<5.0	ug/L		
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L		
Methylene Chloride	<5.0	ug/L		
Styrene	<5.0	ug/L		
1,1,2,2-Tetrachloroethane	<5.0	ug/L		
Tetrachloroethane	<5.0	ug/L		
Toluene	<5.0	ug/L		
1,1,1-Trichloroethane	<5.0	ug/L		
1,1,2-Trichloroethane	<5.0	ug/L		
Trichloroethene	<5.0	ug/L		
Trichlorofluoromethane	<5.0	ug/L		
Vinyl Acetate	<5.0	ug/L		
Vinyl Chloride	<5.0	ug/L		
m-Xylene	<5.0	ug/L		
o-Xylene	<5.0	ug/L		
p-Xylene	<5.0	ug/L		

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/22/1991

Report To: Wehran Engineering

NET Job No: 91.1710

Project: GE Wilmington

Date Rec'd: 09/30/1991

Sample ID: GEW-GW-WE3-002

NET Sample No: 16461

WE-3

Parameter	Result	Units	Analysis Date	Analyst

TCL Volatiles by GC/MS 624 AQ				
Acetone	<5.0	ug/L	10/03/1991	cfl
Benzene	<5.0	ug/L		
Bromodichloromethane	<5.0	ug/L		
Bromoform	<5.0	ug/L		
Bromomethane	<5.0	ug/L		
2-Butanone (MEK)	<5.0	ug/L		
Carbon Disulfide	<5.0	ug/L		
Carbon Tetrachloride	<5.0	ug/L		
Chlorobenzene	<5.0	ug/L		
Chloroethane	<5.0	ug/L		
2-Chloroethylvinyl ether	<5.0	ug/L		
Chloroform	<5.0	ug/L		
Chloromethane	<5.0	ug/L		
Dibromochloromethane	<5.0	ug/L		
1,2-Dichlorobenzene	<5.0	ug/L		
1,3-Dichlorobenzene	<5.0	ug/L		
1,4-Dichlorobenzene	<5.0	ug/L		
1,1-Dichloroethane	<5.0	ug/L		
1,2-Dichloroethane	<5.0	ug/L		
1,1-Dichloroethene	<5.0	ug/L		
trans-1,2-Dichloroethene	<5.0	ug/L		
1,2-Dichloropropene	<5.0	ug/L		
cis-1,3-Dichloropropene	<5.0	ug/L		
trans-1,3-Dichloropropene	<5.0	ug/L		
Ethylbenzene	<5.0	ug/L		
2-Hexanone	<5.0	ug/L		
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L		
Methylene Chloride	<5.0	ug/L		
Styrene	<5.0	ug/L		
1,1,2,2-Tetrachloroethane	<5.0	ug/L		
Tetrachloroethene	<5.0	ug/L		
Toluene	<5.0	ug/L		
1,1,1-Trichloroethane	<5.0	ug/L		
1,1,2-Trichloroethane	<5.0	ug/L		
Trichloroethene	<5.0	ug/L		
Trichlorofluoromethane	<5.0	ug/L		
Vinyl Acetate	<5.0	ug/L		
Vinyl Chloride	<5.0	ug/L		
m-Xylene	<5.0	ug/L		
o-Xylene	<5.0	ug/L		
p-Xylene	<5.0	ug/L		

NET

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/22/1991

Report To: Wehran Engineering

NET Job No: 91.1710

Project: GE Wilmington

Date Rec'd: 09/30/1991

Sample ID: GEW-GW-WE4S-003

NET Sample No: 16462

WE-4S

Parameter	Result	Units	Analysis Date	Analyst

TCL Volatiles by GC/MS 624 AQ				
Acetone	<250.	ug/L	10/04/1991	mfw
Benzene	6200	ug/L		
Bromodichloromethane	<250.	ug/L		
Bromoform	<250.	ug/L		
Bromomethane	<250.	ug/L		
2-Butanone (MEK)	<250.	ug/L		
Carbon Disulfide	<250.	ug/L		
Carbon Tetrachloride	<250.	ug/L		
Chlorobenzene	<250.	ug/L		
Chloroethane	<250.	ug/L		
2-Chloroethylvinyl ether	<250.	ug/L		
Chloroform	<250.	ug/L		
Chloromethane	<250.	ug/L		
Dibromochloromethane	<250.	ug/L		
1,2-Dichlorobenzene	<250.	ug/L		
1,3-Dichlorobenzene	<250.	ug/L		
1,4-Dichlorobenzene	<250.	ug/L		
1,1-Dichloroethane	<250.	ug/L		
1,2-Dichloroethane	<250.	ug/L		
1,1-Dichloroethene	<250.	ug/L		
trans-1,2-Dichloroethene	<250.	ug/L		
1,2-Dichloropropene	<250.	ug/L		
cis-1,3-Dichloropropene	<250.	ug/L		
trans-1,3-Dichloropropene	<250.	ug/L		
Ethylbenzene	1800	ug/L		
2-Hexanone	<250.	ug/L		
4-Methyl-2-pentanone (MIBK)	<250.	ug/L		
Methylene Chloride	<250.	ug/L		
Styrene	<250.	ug/L		
1,1,2,2-Tetrachloroethane	<250.	ug/L		
Tetrachloroethane	<250.	ug/L		
Toluene	12000	ug/L		
1,1,1-Trichloroethane	<250.	ug/L		
1,1,2-Trichloroethane	<250.	ug/L		
Trichloroethane	<250.	ug/L		
Trichlorofluoromethane	<250.	ug/L		
Vinyl Acetate	<250.	ug/L		
Vinyl Chloride	<250.	ug/L		
m-Xylene	9100*	ug/L		
o-Xylene	3900	ug/L		
p-Xylene	*	ug/L		

* These two compounds coelute. The reported concentration should be considered one, the other, or both of these compounds.

NET

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/22/1991

Report To: Wehran Engineering

NET Job No: 91.1710

Project: GE Wilmington

Date Rec'd: 09/30/1991

Sample ID: GEV-GW-WE40-004

NET Sample No: 16463

WE-4D

Parameter	Result	Units	Analysis Date	Analyst
TCL Volatiles by GC/MS 624 AG				
Acetone	47	ug/L	10/03/1991	cfl
Benzene	66	ug/L		
Bromodichloromethane	<5.0	ug/L		
Bromoform	<5.0	ug/L		
Bromomethane	<5.0	ug/L		
2-Butanone (MEK)	27	ug/L		
Carbon Disulfide	<5.0	ug/L		
Carbon Tetrachloride	<5.0	ug/L		
Chlorobenzene	<5.0	ug/L		
Chloroethane	<5.0	ug/L		
2-Chloroethylvinyl ether	<5.0	ug/L		
Chloroform	<5.0	ug/L		
Chloromethane	<5.0	ug/L		
Dibromochloromethane	<5.0	ug/L		
1,2-Dichlorobenzene	<5.0	ug/L		
1,3-Dichlorobenzene	<5.0	ug/L		
1,4-Dichlorobenzene	<5.0	ug/L		
1,1-Dichloroethane	<5.0	ug/L		
1,2-Dichloroethane	<5.0	ug/L		
1,1-Dichloroethene	<5.0	ug/L		
trans-1,2-Dichloroethene	<5.0	ug/L		
1,2-Dichloropropene	<5.0	ug/L		
cis-1,3-Dichloropropene	<5.0	ug/L		
trans-1,3-Dichloropropene	<5.0	ug/L		
Ethylbenzene	<5.0	ug/L		
2-Hexanone	<5.0	ug/L		
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L		
Methylene Chloride	<5.0	ug/L		
Styrene	<5.0	ug/L		
1,1,2,2-Tetrachloroethane	<5.0	ug/L		
Tetrachloroethene	<5.0	ug/L		
Toluene	11	ug/L		
1,1,1-Trichloroethane	<5.0	ug/L		
1,1,2-Trichloroethane	<5.0	ug/L		
Trichloroethene	<5.0	ug/L		
Trichlorofluoromethane	<5.0	ug/L		
Vinyl Acetate	<5.0	ug/L		
Vinyl Chloride	<5.0	ug/L		
m-Xylene	14	ug/L		
o-Xylene	92 *	ug/L		
p-Xylene	*	ug/L		

* These two compounds coelute. The reported concentration should be considered one, the other, or both of these compounds.

NET

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/22/1991

Report To: Wehran Engineering

NET Job No: 91.1710

Project: GE Wilmington

Date Rec'd: 09/30/1991

Sample ID: GEW-GW-WE2-005

NET Sample No: 16464

WE-2

Parameter	Result	Units	Analysis Date	Analyst
TCL Volatiles by GC/MS 624 AQ				
Acetone	<1250.	ug/L	10/07/1991	cfl
Benzene	2300	ug/L		
Bromodichloromethane	<1250.	ug/L		
Bromoform	<1250.	ug/L		
Bromomethane	<1250.	ug/L		
2-Butanone (MEK)	<1250.	ug/L		
Carbon Disulfide	<1250.	ug/L		
Carbon Tetrachloride	<1250.	ug/L		
Chlorobenzene	<1250.	ug/L		
Chloroethane	<1250.	ug/L		
2-Chloroethylvinyl ether	<1250.	ug/L		
Chloroform	<1250.	ug/L		
Chloromethane	<1250.	ug/L		
Dibromochloromethane	<1250.	ug/L		
1,2-Dichlorobenzene	<1250.	ug/L		
1,3-Dichlorobenzene	<1250.	ug/L		
1,4-Dichlorobenzene	<1250.	ug/L		
1,1-Dichloroethane	<1250.	ug/L		
1,2-Dichloroethane	<1250.	ug/L		
1,1-Dichloroethane	<1250.	ug/L		
trans-1,2-Dichloroethane	<1250.	ug/L		
1,2-Dichloropropene	<1250.	ug/L		
cis-1,3-Dichloropropene	<1250.	ug/L		
trans-1,3-Dichloropropene	<1250.	ug/L		
Ethylbenzene	2000	ug/L		
2-Hexanone	<1250.	ug/L		
4-Methyl-2-pentanone (MIBK)	<1250.	ug/L		
Methylene Chloride	<1250.	ug/L		
Styrene	<1250.	ug/L		
1,1,2,2-Tetrachloroethane	<1250.	ug/L		
Tetrachloroethene	<1250.	ug/L		
Toluene	22000	ug/L		
1,1,1-Trichloroethane	<1250.	ug/L		
1,1,2-Trichloroethane	<1250.	ug/L		
Trichloroethene	<1250.	ug/L		
Trichlorofluoromethane	<1250.	ug/L		
Vinyl Acetate	<1250.	ug/L		
Vinyl Chloride	<1250.	ug/L		
m-Xylene	10000	ug/L		
o-Xylene	12000 *	ug/L		
p-Xylene	*	ug/L		

* These two compounds coelute. The reported concentration should be considered one, the other, or both of these compounds.

NET

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/22/1991

Report To: Wehran Engineering

NET Job No: 91.1710

Project: GE Wilmington

Date Rec'd: 09/30/1991

Sample ID: GEW-GW-WES-006

NET Sample No: 16465

WE-2 (Duplicate)

Parameter	Result	Units	Analysis Date	Analyst

TCL Volatiles by GC/MS 624 AQ				
Acetone	<500.	ug/L	10/04/1991	mfw
Benzene	2900	ug/L		
Bromodichloromethane	<500.	ug/L		
Bromoform	<500.	ug/L		
Bromomethane	<500.	ug/L		
2-Butanone (MEK)	<500.	ug/L		
Carbon Disulfide	<500.	ug/L		
Carbon Tetrachloride	<500.	ug/L		
Chlorobenzene	<500.	ug/L		
Chloroethane	<500.	ug/L		
2-Chloroethylvinyl ether	<500.	ug/L		
Chloroform	<500.	ug/L		
Chloromethane	<500.	ug/L		
Dibromochloromethane	<500.	ug/L		
1,2-Dichlorobenzene	<500.	ug/L		
1,3-Dichlorobenzene	<500.	ug/L		
1,4-Dichlorobenzene	<500.	ug/L		
1,1-Dichloroethane	<500.	ug/L		
1,2-Dichloroethane	<500.	ug/L		
1,1-Dichloroethene	<500.	ug/L		
trans-1,2-Dichloroethene	<500.	ug/L		
1,2-Dichloropropene	<500.	ug/L		
cis-1,3-Dichloropropene	<500.	ug/L		
trans-1,3-Dichloropropene	<500.	ug/L		
Ethylbenzene	2500	ug/L		
2-Hexanone	<500.	ug/L		
4-Methyl-2-pentanone (MIBK)	<500.	ug/L		
Methylene Chloride	<500.	ug/L		
Styrene	<500.	ug/L		
1,1,2,2-Tetrachloroethane	<500.	ug/L		
Tetrachloroethene	<500.	ug/L		
Toluene	25000	ug/L		
1,1,1-Trichloroethane	<500.	ug/L		
1,1,2-Trichloroethane	<500.	ug/L		
Trichloroethene	<500.	ug/L		
Trichlorofluoromethane	<500.	ug/L		
Vinyl Acetate	<500.	ug/L		
Vinyl Chloride	<500.	ug/L		
m-Xylene	17000*	ug/L		
o-Xylene	9000	ug/L		
p-Xylene	*	ug/L		

* These two compounds coelute. The reported concentration should be considered one, the other, or both of these compounds.

NET

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/22/1991

Report To: Wehran Engineering

NET Job No: 91.1710

Project: GE Wilmington

Date Rec'd: 09/30/1991

Sample ID: GEW-GM-ME6-009

NET Sample No: 16468

Trip Blank

Parameter	Result	Units	Analysis Date	Analyst
TCL Volatiles by GC/MS 624 A9				
Acetone	<5.0	ug/L	10/03/1991	cfl
Benzene	<5.0	ug/L		
Bromodichloromethane	<5.0	ug/L		
Bromoform	<5.0	ug/L		
Bromomethane	<5.0	ug/L		
2-Butanone (MEK)	<5.0	ug/L		
Carbon Disulfide	<5.0	ug/L		
Carbon Tetrachloride	<5.0	ug/L		
Chlorobenzene	<5.0	ug/L		
Chloroethane	<5.0	ug/L		
2-Chloroethylvinyl ether	<5.0	ug/L		
Chloroform	<5.0	ug/L		
Chloromethane	<5.0	ug/L		
Dibromochloromethane	<5.0	ug/L		
1,2-Dichlorobenzene	<5.0	ug/L		
1,3-Dichlorobenzene	<5.0	ug/L		
1,4-Dichlorobenzene	<5.0	ug/L		
1,1-Dichloroethane	<5.0	ug/L		
1,2-Dichloroethane	<5.0	ug/L		
1,1-Dichloroethane	<5.0	ug/L		
trans-1,2-Dichloroethane	<5.0	ug/L		
1,2-Dichloropropene	<5.0	ug/L		
cis-1,3-Dichloropropene	<5.0	ug/L		
trans-1,3-Dichloropropene	<5.0	ug/L		
Ethylbenzene	<5.0	ug/L		
2-Hexanone	<5.0	ug/L		
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L		
Methylene Chloride	<5.0	ug/L		
Styrene	<5.0	ug/L		
1,1,2,2-Tetrachloroethane	<5.0	ug/L		
Tetrachloroethene	<5.0	ug/L		
Toluene	<5.0	ug/L		
1,1,1-Trichloroethane	<5.0	ug/L		
1,1,2-Trichloroethane	<5.0	ug/L		
Trichloroethene	<5.0	ug/L		
Trichlorofluoromethane	<5.0	ug/L		
Vinyl Acetate	<5.0	ug/L		
Vinyl Chloride	<5.0	ug/L		
m-Xylene	<5.0	ug/L		
o-Xylene	<5.0	ug/L		
p-Xylene	<5.0	ug/L		

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/22/1991

Report To: Wehran Engineering

NET Job No: 91.1710

Project: GE Wilmington

Date Rec'd: 09/30/1991

Sample ID: GEW-GW-WET-010

NET Sample No: 16469

Field Blank

Parameter	Result	Units	Analysis Date	Analyst

TCL Volatiles by GC/MS 624 AQ				
Acetone	<5.0	ug/L	10/03/1991	cfl
Benzene	<5.0	ug/L		
Bromodichloromethane	<5.0	ug/L		
Bromoform	<5.0	ug/L		
Bromomethane	<5.0	ug/L		
2-Butanone (MEK)	<5.0	ug/L		
Carbon Disulfide	<5.0	ug/L		
Carbon Tetrachloride	<5.0	ug/L		
Chlorobenzene	<5.0	ug/L		
Chloroethane	<5.0	ug/L		
2-Chloroethylvinyl ether	<5.0	ug/L		
Chloroform	<5.0	ug/L		
Chloromethane	<5.0	ug/L		
Dibromochloromethane	<5.0	ug/L		
1,2-Dichlorobenzene	<5.0	ug/L		
1,3-Dichlorobenzene	<5.0	ug/L		
1,4-Dichlorobenzene	<5.0	ug/L		
1,1-Dichloroethane	<5.0	ug/L		
1,2-Dichloroethane	<5.0	ug/L		
1,1-Dichloroethene	<5.0	ug/L		
trans-1,2-Dichloroethene	<5.0	ug/L		
1,2-Dichloropropene	<5.0	ug/L		
cis-1,3-Dichloropropene	<5.0	ug/L		
trans-1,3-Dichloropropene	<5.0	ug/L		
Ethylbenzene	<5.0	ug/L		
2-Hexanone	<5.0	ug/L		
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L		
Methylene Chloride	<5.0	ug/L		
Styrene	<5.0	ug/L		
1,1,2,2-Tetrachloroethane	<5.0	ug/L		
Tetrachloroethene	<5.0	ug/L		
Toluene	<5.0	ug/L		
1,1,1-Trichloroethane	<5.0	ug/L		
1,1,2-Trichloroethane	<5.0	ug/L		
Trichloroethene	<5.0	ug/L		
Trichlorofluoromethane	<5.0	ug/L		
Vinyl Acetate	<5.0	ug/L		
Vinyl Chloride	<5.0	ug/L		
m-Xylene	<5.0	ug/L		
o-Xylene	<5.0	ug/L		
p-Xylene	<5.0	ug/L		

NET

NET Atlantic, Cambridge Division

BATCH QUALITY CONTROL DATA

Report To: Wehran Engineering

NET Job No: 91.1710

Program:

Report Date: 10/22/1991

Parameter		LCS % Recovery	Method Blank	Spike % Recovery	Sample (Run 1)	Duplicate (Run 2)	Analyst
BOD - 5 day	AQ	102.60	<2.0		1300	1300	mhc
Chemical Oxygen Demand	AQ	106.50	<10	115.00	<10	<10	vkk
Nitrate-IC	AQ	93.30	<0.10	97.20	0.40	0.40	mhc
Phosphorus-Total	AQ	100.70	<0.010	100.00	<0.010	<0.010	tam
Total Organic Carbon, TOC	AQ	102.80	<0.10	105.40	<0.10	<0.10	tam
Total Organic Carbon, TOC	AQ			106.10	0.11	0.10	

Please note that the data reported for the Duplicates and Spikes were analyzed in the same batch, but may not necessarily be that of your sample.

LCS - Laboratory Control Sample

NET

NET Atlantic, Cambridge Division

QUALITY CONTROL DATA

Client: Wehran Engineering

NET Job No: 91.1710

Project:

Report Date: 10/22/1991

Surrogate Standard Percent Recovery

Abbreviated Surrogate Standard Names:

SS1	SS2	SS3	SS4	SS5	SS6	SS7	SS8	SS9	SS10	SS11	SS12
Bromofl	1,2-Dic	Toluene									

Sample ID	NET ID	Matrix	Percent Recovery									SS10	SS11	SS12
			SS1	SS2	SS3	SS4	SS5	SS6	SS7	SS8	SS9			
GEV-GW-ME1-001	16460	SD	107	92	105									
GEV-GW-ME3-002	16461	GW	111	89	106									
GEV-GW-ME4S-003	16462	GW	96	110	105									
GEV-GW-ME4D-004	16463	GW	114	92	105									
GEV-GW-ME2-005	16464	GW	113	99	107									
GEV-GW-ME5-006	16465	GW	87	101	96									
GEV-GW-ME6-009	16468	GW	98	83	92									
GEV-GW-ME7-010	16469	GW	95	78	89									

Notes:

NR - This surrogate standard is Not Required. Future versions of the test method will require this surrogate standard.
 Dil - This surrogate standard was diluted to below detectable levels due to concentrations of analytes in this sample.

Complete Surrogate Standard Names Listed by Analysis:

Pesticide Surrogate Standards:

Decachl = Decachlorobiphenyl (NR)

Dibutyl = Dibutylchlorodate

Tetrach = Tetrachlorobiphenyl (NR)

Volatile Surrogate Standards:

Bromofl = Bromofluorobenzene

1,2-Dichl = 1,2-Dichloroethane-d4

Toluene = Toluene-d8

Semivolatile Surrogate Standards:

2-Fluor (1st) = 2-Fluorobiphenyl

Phenol- = Phenol-d6

2,4,6-T = 2,4,6-Tribromophenol

2-Fluor (2nd) = 2-Fluorophenol

Nitrobe = Nitrobenzene-d5

p-Terph = p-Terphenyl

Herbicides Surrogate Standard:

2,4-Dic = 2,4-Dichlorophenyl acetic acid

Petroleum Hydrocarbon Fingerprint Surrogate Standard:

2-Fluor = 2-Fluorobiphenyl

para-Te = para-Terphymyl



NET Atlantic, Cambridge Division

QUALITY CONTROL DATA

Report To:

NET Job No:

Project:

Report Date: 10/22/1991

Matrix Spike/Matrix Spike Duplicate Results

Compound	Spike Amount	Sample Result	Units	MS Result	MS % Recovery	MSD Result	MSD % Recovery	RPD
Volatiles by GC/MS CLP	AQ							
Bromofluorobenzene	0.0	93	% recov.					
1,2-Dichloroethane-d4	0.0	86	% recov.					
Toluene-d8	0.0	92	% recov.					
Acetone	0.0	2	ug/L					
Benzene	50.0	<5	ug/L	47.0	94.00	47.3	94.60	0.60
Bromodichloromethane	0.0	<5	ug/L					
Bromoform	0.0	<5	ug/L					
Bromomethane	0.0	<10	ug/L					
2-Butanone (MEK)	0.0	<10	ug/L					
Carbon Disulfide	0.0	<5	ug/L					
Carbon Tetrachloride	0.0	<5	ug/L					
Chlorobenzene	50.0	<5	ug/L	47.4	94.80	46.8	93.60	1.30
Chloroethane	0.0	<10	ug/L					
Chloroform	0.0	<5	ug/L					
Chloromethane	0.0	<10	ug/L					
Dibromochloromethane	0.0	<5	ug/L					
1,1-Dichloroethane	0.0	<5	ug/L					
1,2-Dichloroethane	0.0	<5	ug/L					
1,2-Dichloroethane (total)	0.0	<5	ug/L					
1,1-Dichloroethene	50.0	<5	ug/L	49.4	98.80	45.3	90.60	8.70
1,2-Dichloropropene	0.0	<5	ug/L					
cis-1,3-Dichloropropene	0.0	<5	ug/L					
trans-1,3-Dichloropropene	0.0	<5	ug/L					
Ethylbenzene	0.0	<5	ug/L					
2-Hexanone	0.0	<10	ug/L					
4-Methyl-2-pentanone (MIBK)	0.0	<10	ug/L					
Methylene Chloride	0.0	<5	ug/L					
Styrene	0.0	<5	ug/L					
1,1,2,2-Tetrachloroethane	0.0	<5	ug/L					
Tetrachloroethene	0.0	<5	ug/L					
Toluene	50.0	<5	ug/L	48.7	97.40	46.1	92.20	5.50
1,1,1-Trichloroethane	0.0	<5	ug/L					
1,1,2-Trichloroethane	0.0	<5	ug/L					
Trichloroethene	50.0	<5	ug/L	43.0	86.00	42.5	85.00	1.20
Vinyl Acetate	0.0	<10	ug/L					
Vinyl Chloride	0.0	<10	ug/L					

NET

NET Atlantic, Cambridge Division

QUALITY CONTROL DATA

Report To: Wehran Engineering

NET Job No: 91.1710

Project:

Report Date : 10/22/1991

Method Blank Analysis Data

Test Name	Result	Units	Run Batch	Run Date	Analyst Initials
TCL Volatiles by GC/MS 624 AQ					
Bromofluorobenzene	103	% recov.	202	10/03/1991	cfl
1,2-Dichloroethane-d4	92	% recov.	202	10/03/1991	cfl
Toluene-d8	107	% recov.	202	10/03/1991	cfl
Acetone	<5.0	ug/L	202	10/03/1991	cfl
Benzene	<5.0	ug/L	202	10/03/1991	cfl
Bromodichloromethane	<5.0	ug/L	202	10/03/1991	cfl
Bromoform	<5.0	ug/L	202	10/03/1991	cfl
Bromomethane	<5.0	ug/L	202	10/03/1991	cfl
2-Butanone (MEK)	<5.0	ug/L	202	10/03/1991	cfl
Carbon Disulfide	<5.0	ug/L	202	10/03/1991	cfl
Carbon Tetrachloride	<5.0	ug/L	202	10/03/1991	cfl
Chlorobenzene	<5.0	ug/L	202	10/03/1991	cfl
Chloroethane	<5.0	ug/L	202	10/03/1991	cfl
2-Chloroethylvinyl ether	<5.0	ug/L	202	10/03/1991	cfl
Chloroform	<5.0	ug/L	202	10/03/1991	cfl
Chloromethane	<5.0	ug/L	202	10/03/1991	cfl
Dibromochloromethane	<5.0	ug/L	202	10/03/1991	cfl
1,2-Dichlorobenzene	<5.0	ug/L	202	10/03/1991	cfl
1,3-Dichlorobenzene	<5.0	ug/L	202	10/03/1991	cfl
1,4-Dichlorobenzene	<5.0	ug/L	202	10/03/1991	cfl
1,1-Dichloroethane	<5.0	ug/L	202	10/03/1991	cfl
1,2-Dichloroethane	<5.0	ug/L	202	10/03/1991	cfl
1,1-Dichloroethene	<5.0	ug/L	202	10/03/1991	cfl
trans-1,2-Dichloroethene	<5.0	ug/L	202	10/03/1991	cfl
1,2-Dichloropropane	<5.0	ug/L	202	10/03/1991	cfl
cis-1,3-Dichloropropene	<5.0	ug/L	202	10/03/1991	cfl
trans-1,3-Dichloropropene	<5.0	ug/L	202	10/03/1991	cfl
Ethylbenzene	<5.0	ug/L	202	10/03/1991	cfl
2-Hexanone	<5.0	ug/L	202	10/03/1991	cfl
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	202	10/03/1991	cfl
Methylene Chloride	<5.0	ug/L	202	10/03/1991	cfl
Styrene	<5.0	ug/L	202	10/03/1991	cfl
1,1,2,2-Tetrachloroethane	<5.0	ug/L	202	10/03/1991	cfl
Tetrachloroethane	<5.0	ug/L	202	10/03/1991	cfl
Toluene	<5.0	ug/L	202	10/03/1991	cfl
1,1,1-Trichloroethane	<5.0	ug/L	202	10/03/1991	cfl
1,1,2-Trichloroethane	<5.0	ug/L	202	10/03/1991	cfl
Trichloroethane	<5.0	ug/L	202	10/03/1991	cfl
Trichlorofluoromethane	<5.0	ug/L	202	10/03/1991	cfl
Vinyl Acetate	<5.0	ug/L	202	10/03/1991	cfl
Vinyl Chloride	<5.0	ug/L	202	10/03/1991	cfl
m-Xylene	<5.0	ug/L	202	10/03/1991	cfl
o-Xylene	<5.0	ug/L	202	10/03/1991	cfl

NET Atlantic, Cambridge Division

QUALITY CONTROL DATA

Report To: Wehran Engineering

NET Job No: 91.1710

Project:

Report Date : 10/22/1991

Method Blank Analysis Data

Test Name	Result	Units	Run Batch	Run Date	Analyst Initials
TCL Volatiles by GC/MS 624 A9					
Bromofluorobenzene	88	% recov.	204	10/04/1991	mfu
1,2-Dichloroethane-d4	106	% recov.	204	10/04/1991	mfu
Toluene-d8	93	% recov.	204	10/04/1991	mfu
Acetone	<5.0	ug/L	204	10/04/1991	mfu
Benzene	<5.0	ug/L	204	10/04/1991	mfu
Bromodichloromethane	<5.0	ug/L	204	10/04/1991	mfu
Bromoform	<5.0	ug/L	204	10/04/1991	mfu
Bromomethane	<5.0	ug/L	204	10/04/1991	mfu
2-Butanone (MEK)	<5.0	ug/L	204	10/04/1991	mfu
Carbon Disulfide	<5.0	ug/L	204	10/04/1991	mfu
Carbon Tetrachloride	<5.0	ug/L	204	10/04/1991	mfu
Chlorobenzene	<5.0	ug/L	204	10/04/1991	mfu
Chloroethane	<5.0	ug/L	204	10/04/1991	mfu
2-Chloroethylvinyl ether	<5.0	ug/L	204	10/04/1991	mfu
Chloroform	<5.0	ug/L	204	10/04/1991	mfu
Chloromethane	<5.0	ug/L	204	10/04/1991	mfu
Dibromochloromethane	<5.0	ug/L	204	10/04/1991	mfu
1,2-Dichlorobenzene	<5.0	ug/L	204	10/04/1991	mfu
1,3-Dichlorobenzene	<5.0	ug/L	204	10/04/1991	mfu
1,4-Dichlorobenzene	<5.0	ug/L	204	10/04/1991	mfu
1,1-Dichloroethane	<5.0	ug/L	204	10/04/1991	mfu
1,2-Dichloroethane	<5.0	ug/L	204	10/04/1991	mfu
1,1-Dichloroethane	<5.0	ug/L	204	10/04/1991	mfu
trans-1,2-Dichloroethane	<5.0	ug/L	204	10/04/1991	mfu
1,2-Dichloropropane	<5.0	ug/L	204	10/04/1991	mfu
cis-1,3-Dichloropropene	<5.0	ug/L	204	10/04/1991	mfu
trans-1,3-Dichloropropene	<5.0	ug/L	204	10/04/1991	mfu
Ethylbenzene	<5.0	ug/L	204	10/04/1991	mfu
2-Hexanone	<5.0	ug/L	204	10/04/1991	mfu
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	204	10/04/1991	mfu
Methylene Chloride	<5.0	ug/L	204	10/04/1991	mfu
Styrene	<5.0	ug/L	204	10/04/1991	mfu
1,1,2,2-Tetrachloroethane	<5.0	ug/L	204	10/04/1991	mfu
Tetrachloroethane	<5.0	ug/L	204	10/04/1991	mfu
Toluene	<5.0	ug/L	204	10/04/1991	mfu
1,1,1-Trichloroethane	<5.0	ug/L	204	10/04/1991	mfu
1,1,2-Trichloroethane	<5.0	ug/L	204	10/04/1991	mfu
Trichloroethane	<5.0	ug/L	204	10/04/1991	mfu
Trichlorofluoromethane	<5.0	ug/L	204	10/04/1991	mfu
Vinyl Acetate	<5.0	ug/L	204	10/04/1991	mfu
Vinyl Chloride	<5.0	ug/L	204	10/04/1991	mfu
m-Xylene	<5.0	ug/L	204	10/04/1991	mfu
o-Xylene	<5.0	ug/L	204	10/04/1991	mfu

NET Atlantic, Cambridge Division

QUALITY CONTROL DATA

Report To: Wehran Engineering

NET Job No: 91.1710

Project:

Report Date : 10/22/1991

Method Blank Analysis Data

Test Name	Result	Units	Run Batch	Run Date	Analyst Initials
TCL Volatiles by GC/MS 624 A9					
Bromofluorobenzene	103	% recov.	212	10/07/1991	cfl
1,2-Dichloroethane-d4	96	% recov.	212	10/07/1991	cfl
Toluene-d8	106	% recov.	212	10/07/1991	cfl
Acetone	<5.0	ug/L	212	10/07/1991	cfl
Benzene	<5.0	ug/L	212	10/07/1991	cfl
Bromodichloromethane	<5.0	ug/L	212	10/07/1991	cfl
Bromoform	<5.0	ug/L	212	10/07/1991	cfl
Bromomethane	<5.0	ug/L	212	10/07/1991	cfl
2-Butanone (MEK)	<5.0	ug/L	212	10/07/1991	cfl
Carbon Disulfide	<5.0	ug/L	212	10/07/1991	cfl
Carbon Tetrachloride	<5.0	ug/L	212	10/07/1991	cfl
Chlorobenzene	<5.0	ug/L	212	10/07/1991	cfl
Chloroethane	<5.0	ug/L	212	10/07/1991	cfl
2-Chloroethylvinyl ether	<5.0	ug/L	212	10/07/1991	cfl
Chloroform	<5.0	ug/L	212	10/07/1991	cfl
Chloromethane	<5.0	ug/L	212	10/07/1991	cfl
Dibromochloromethane	<5.0	ug/L	212	10/07/1991	cfl
1,2-Dichlorobenzene	<5.0	ug/L	212	10/07/1991	cfl
1,3-Dichlorobenzene	<5.0	ug/L	212	10/07/1991	cfl
1,4-Dichlorobenzene	<5.0	ug/L	212	10/07/1991	cfl
1,1-Dichloroethane	<5.0	ug/L	212	10/07/1991	cfl
1,2-Dichloroethane	<5.0	ug/L	212	10/07/1991	cfl
1,1-Dichloroethene	<5.0	ug/L	212	10/07/1991	cfl
trans-1,2-Dichloroethene	<5.0	ug/L	212	10/07/1991	cfl
1,2-Dichloropropene	<5.0	ug/L	212	10/07/1991	cfl
cis-1,3-Dichloropropene	<5.0	ug/L	212	10/07/1991	cfl
trans-1,3-Dichloropropene	<5.0	ug/L	212	10/07/1991	cfl
Ethylbenzene	<5.0	ug/L	212	10/07/1991	cfl
2-Hexanone	<5.0	ug/L	212	10/07/1991	cfl
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	212	10/07/1991	cfl
Methylene Chloride	<5.0	ug/L	212	10/07/1991	cfl
Styrene	<5.0	ug/L	212	10/07/1991	cfl
1,1,2,2-Tetrachloroethane	<5.0	ug/L	212	10/07/1991	cfl
Tetrachloroethene	<5.0	ug/L	212	10/07/1991	cfl
Toluene	<5.0	ug/L	212	10/07/1991	cfl
1,1,1-Trichloroethane	<5.0	ug/L	212	10/07/1991	cfl
1,1,2-Trichloroethane	<5.0	ug/L	212	10/07/1991	cfl
Trichloroethene	<5.0	ug/L	212	10/07/1991	cfl
Trichlorofluoromethane	<5.0	ug/L	212	10/07/1991	cfl
Vinyl Acetate	<5.0	ug/L	212	10/07/1991	cfl
Vinyl Chloride	<5.0	ug/L	212	10/07/1991	cfl
m-Xylene	<5.0	ug/L	212	10/07/1991	cfl
o-Xylene	<5.0	ug/L	212	10/07/1991	cfl

XIPHA/AXIPHS SAMPLE WORKSHEET

Analysis Date: 10/18/91

Calibration

$$y = 0.0202x + 0.0156$$

slope intercept

Det. Lim.

2.0 mg/L for 1 L water

100 mg/kg for 20 g soil

To Use:

Enter the Date.

Enter the calibration co

Enter the sample NET ID.

Enter the medium ("a" fo

Enter the XT data.

Enter the sample amount

Enter the Dilution Facto

Your results are then ca

y=absorbance x=concentration (mg/100mL extract)

NET ID	Medium XT (a/s)	Abs	mg	Wet wt.	% solid	Sample	Dil	Blk	Det. Lim.	Conc.	% Rec.	XT 3660	A 3660
04-1048-bk1a	98	0.009	0.34	30.30 g	100	0.03 kg	1	0	66	0.00 mg/kg		100	0.000
-lcs	32	0.495	23.68	30.00 g	100	0.03 kg	1	0	67	789.37 mg/kg	76%	100	0.000
-28033	97	0.013	0.12	30.40 g	99	0.03 kg	1	0	74	0.00 mg/kg		100	0.000
-28923	97	0.013	0.12	30.20 g	97	0.03 kg	1	0	68	0.00 mg/kg		100	0.000
91.1710-bk1a	96	0.018	0.11			1.00 L	1	0	2	0.11 mg/L		100	0.000
-bk2a	97	0.013	-0.12			1.00 L	1	0	2	0.00 mg/L		100	0.000
-lcs	46	0.337	15.89			1.00 L	1	0	2	15.89 mg/L	51% loss of aromatics	100	0.000
-16466	96	0.018	0.11			0.82 L	1	0	2	0.13 mg/L		100	0.000
-16467	96	0.018	0.11			0.76 L	1	0	3	0.14 mg/L		100	0.000
91.1748-22264a	95	0.033	0.33			0.88 L	1	0	2	0.38 mg/L		100	0.000
-22262	94	0.027	0.56			0.90 L	1	0	2	0.62 mg/L		100	0.000
-22263	73	0.137	5.98			0.89 L	1	0	2	6.72 mg/L		100	0.000
-22264	91	0.041	1.25			0.95 L	1	0	2	1.32 mg/L		100	0.000
-22265	83	0.081	3.23			0.86 L	1	0	2	3.75 mg/L		100	0.000
-22266	17	0.770	57.25			0.89 L	10	0	22	418.58 mg/L		100	0.000
91.1818-28312a	97	0.013	-0.12			0.95 L	1	0	2	0.00 mg/L		100	0.000
-28313	97	0.013	-0.12			0.95 L	1	0	2	0.00 mg/L		100	0.000
-28314	95	0.022	0.33			0.94 L	1	0	2	0.35 mg/L		100	0.000
-28315	99	0.004	-0.55			0.91 L	1	0	2	0.00 mg/L		100	0.000
-28316	95	0.022	0.33			0.93 L	1	0	2	0.36 mg/L		100	0.000
-28317	99	0.004	-0.55			0.82 L	1	0	2	0.00 mg/L		100	0.000
-28318	83	0.081	3.23			0.93 L	1	0	2	3.47 mg/L		100	0.000
-28319	79	0.102	4.29			0.91 L	1	0	2	4.71 mg/L		100	0.000
-28320	96	0.018	0.11			0.93 L	1	0	2	0.11 mg/L		100	0.000
-28321	26	0.585	28.14			0.87 L	20	0	46	646.82 mg/L		100	0.000
-28322	96	0.018	0.11			0.91 L	1	0	2	0.12 mg/L		100	0.000

NET

QC SUMMARY FOR INORGANICS REPORT: LAB CONTROL STANDARDS

NET-CAMBRIDGE DIVISION

Date of report: 10/14/91

Work ID:

SDG/ Batch: 91.1710

Page: 4

=====									
Standard:		LCSHCL 3017CW (Liquid)				LCSHG 3017CW (Liquid)			
		True	Found	Units	% R	True	Found	Units	% R

Element									
Ca		5.0	4.9	mg/L	98				
Fe		1.00	1.07	mg/L	107				
Hg							0.0040	0.0042 mg/L	105
Mg		1.0	0.92	mg/L	92				
Mn		1.00	1.03	mg/L	103				
Pb									
Zn		1.00	0.96	mg/L	96				
=====									

NET

QC SUMMARY FOR INORGANICS REPORT: DIGESTION BLANKS

NET-CAMBRIDGE DIVISION

Date of report: 10/14/91

Work ID:

SDG/ Batch: 91.1710

Page: 3

Blank: 3017CW
Found, mg/L

Element

Ca		0.18	
Fe		0.040	
Hg		< 0.00020	
Mg		0.091	
Mn		0.0074	
Pb		+	
Zn		0.042	

QC SUMMARY FOR INORGANICS REPORT: PRE-DIGESTION SPIKES

NET-CAMBRIDGE DIVISION

Date of report: 10/14/91

Work ID:

SDG/ Batch: 91.1710

Page: 2

Spike: 1710-16467 (Aqueous)

Element	Sample	Spike	Added	%Recovery
Ca	61 mg/L	89	25	112
Fe	0.30 mg/L	3.3	1.0	300
Hg				
Mg	15 mg/L	26	10	110
Mn	0.070 mg/L	0.58	0.500	102
Zn	0.034 mg/L	0.50	0.500	93

Spike: 1759-22459 (Aqueous)

Element	Sample	Spike	Added	%Recovery
Ca				
Fe				
Hg	<0.00020 mg/L	0.0012	0.001	120
Mg				
Mn				
Pb				
Zn				

QC SUMMARY FOR INORGANICS REPORT: DUPLICATES

NET-CAMBRIDGE DIVISION

Date of report: 10/14/91

Work ID:

SDG/ Batch: 91.1710

Page: 1

=====						
Duplicate:		1710-16470 (Aqueous)			1759-22459 (Aqueous)	
	Sample	Duplicate	%RPD	Sample	Duplicate	%RPD

solids:						

Element						
* Ca	61	63	mg/L	3		
Fe	5.0	5.1	mg/L	2		
Hg					<0.00020	<0.00020 mg/L ----
* Mg	15	16	mg/L	6		
Mn	0.87	0.89	mg/L	2		
	+			+		
Zn	0.028	0.032	mg/L	13		

* Ca & mg duped 91.1710-16477

CHAIN OF CUSTODY RECORD

PROJECT NAME GE-Wilmington
 COMPANY Webster
 ADDRESS 6 Riverside Drive
 PHONE (508) 682-1980



NATIONAL
ENVIRONMENTAL
TESTING, INC.

NET Atlantic, Inc., Cambridge Division, 12 Oak Park, Bedford, MA 01730
 Formerly Cambridge Analytical Associates, Inc.

SAMPLED BY

Craig Duraff
 (Print Name) Jim Lafond
 Signature

Craig Duraff
 Signature

SAMPLE NO. DATE TIME SAMPLE LOCATION SAMPLE PRESERVATIVE MATRIX

SAMPLE NO.	DATE TIME	SAMPLE LOCATION	SAMPLE PRESERVATIVE	MATRIX	ANALYSES										COMMENTS
					Volatiles Organic	Chlorinated Hydrocarbons	Polynuclear Aromatic Hydrocarbons	Phenols	Aldehydes	Ketones	Acids	Alcohols	Ammonia	NO ₂	
1	8:30	GEW-GW-WF1-001	acid	acid	X	X	X	X	X	X	X	X	X	X	X
2	9:30	GEW-GW-WF3-002	"	"	X	X	X	X	X	X	X	X	X	X	X
3	9:30	GEW-GW-WF4S-003	"	"	X	X	X	X	X	X	X	X	X	X	X
4	9:40	GEW-GW-WF4D-004	"	"	X	X	X	X	X	X	X	X	X	X	X
5	10:30	GEW-GW-WF2-005	"	"	X	X	X	X	X	X	X	X	X	X	X
6	11:00	GEW-GW-WF5-006	"	"	X	X	X	X	X	X	X	X	X	X	X
7	12:00	GEW-GW-105R-007	"	"	X	X	X	X	X	X	X	X	X	X	X
8	1:30 PM	GEW-GW-112R2-008	"	"	X	X	X	X	X	X	X	X	X	X	X
9	1:40 PM	GEW-GW-WF6-009	"	"	X	X	X	X	X	X	X	X	X	X	X
10	2 PM	GEW-GW-WF7-010	"	"	X	X	X	X	X	X	X	X	X	X	X

Relinquished by: <u>Craig Duraff</u>	Date / Time: <u>2-29-91 3:30 PM</u>	Received by: <u>Abdulla Clerk</u>	Date / Time: _____
Relinquished by: _____	Date / Time: _____	Received by: _____	Date / Time: _____

Method of Shipment: _____ Remarks: _____



NET ATLANTIC, Cambridge Division

ANALYTICAL REPORT

Report To:

Mr. Eric Wood
Wehran Engineering
Andover Research Park
6 Riverside Dr. Suite 101
Andover, MA 01810-1121

Reported By:

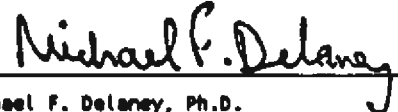
National Environmental Testing
NET Atlantic, Incorporated
Cambridge Division
12 Oak Park
Bedford, MA 01730

Report Date: 10/22/1991**NET Job Number:** 91.1748**Project:** GE Wilmington**Date Received:** 10/01/1991**NET Client No:** 80100**P.O. No:****Collected By:** client**Shipped Via:** client**Job Description:****Airbill No:**

This report has been approved and certified for release by the following staff. Please feel free to call the NET Project Manager at 617-275-3535 with any questions or comments.



Elizabeth J. Adams
NET Project Manager



Michael F. Delaney, Ph.D.
Laboratory Director

Analytical data for the following samples are included in this data report.

SAMPLE ID	NET ID	DATE TAKEN	TIME TAKEN	DATE REC'D	MATRIX
GEW-GW-103R2-011	22261	10/01/1991		10/01/1991	GW
GEW-GW-103R1-012	22262	10/01/1991		10/01/1991	GW
GEW-GW-103S-013	22263	10/01/1991		10/01/1991	GW
GEW-GW-RW-014	22264	10/01/1991		10/01/1991	GW
GEW-GW-GZA7-015	22265	10/01/1991		10/01/1991	GW
GEW-GW-DP6-016	22266	10/01/1991		10/01/1991	GW
GEWL-GW-101R-017	22267	10/01/1991		10/01/1991	GW
GEW-GW-109R1-018	22268	10/01/1991		10/01/1991	GW
GEW-GW-109R2-019	22269	10/01/1991		10/01/1991	GW
GEW-GW-103R2-011 DISSOLVED	22270	10/01/1991		10/01/1991	GW
GEW-GW-103R1-012 DISSOLVED	22271	10/01/1991		10/01/1991	GW
GEW-GW-103S-013 DISSOLVED	22272	10/01/1991		10/01/1991	GW
GEW-GW-RW-014 DISSOLVED	22273	10/01/1991		10/01/1991	GW
GEW-GW-GZA7-015 DISSOLVED	22274	10/01/1991		10/01/1991	GW
GEW-GW-101R-017 DISSOLVED	22275	10/01/1991		10/01/1991	GW

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/22/1991

Report To: Wehran Engineering

NET Job No: 91.1748

Project: GE Wilmington

Date Rec'd: 10/01/1991

Sample ID: GEW-GW-103R2-011

NET Sample No: 22261

GZA-103R2

Parameter		Result	Units	Analyst
BOD - 5 day	AQ	<47	mg/L	mhc
Chemical Oxygen Demand	AQ	45	mg/L	vkk
Nitrate-IC	AQ	<0.10	mg/L N	tsm
Phosphorus-Total	AQ	0.089	mg/L P	lam
Total Organic Carbon, TOC	AQ	14	mg/L	tsm
Aqueous Digestion Su846	AQ	10/02/1991	date	jmk
Hardness by calculation	AQ	160	mg/L	pae
Iron (Fe) 846 ICP	AQ	9.1	mg/L	cme
Manganese (Mn) 846 ICP	AQ	3.1	mg/L	cme
EX Petroleum Hydro., TPH	AQ	10/16/1991	date	ewt
Petroleum Hydrocarbons, TPH	AQ	<2	mg/L	ask

NET Atlantic, Cambridge Division
ANALYTICAL REPORT

Report Date: 10/22/1991

Report To: Wehran Engineering

NET Job No: 91.1748

Project: GE Wilmington

Date Rec'd: 10/01/1991

Sample ID: GEW-GW-103R1-012

NET Sample No: 22262

GZA-103R1

Parameter		Result	Units	Analyst
BOD - 5 day	AQ	<47	mg/L	mhc
Chemical Oxygen Demand	AQ	96	mg/L	vkk
Nitrate-IC	AQ	<0.10	mg/L N	tsm
Phosphorus-Total	AQ	4.2	mg/L P	lam
Total Organic Carbon, TOC	AQ	21	mg/L	tsm
Aqueous Digestion SW846	AQ	10/02/1991	date	jmk
Hardness by calculation	AQ	200	mg/L	pee
Iron (Fe) 846 ICP	AQ	24	mg/L	cme
Manganese (Mn) 846 ICP	AQ	5.8	mg/L	cme
EX Petroleum Hydro., TPH	AQ	10/16/1991	date	ewt
Petroleum Hydrocarbons, TPH	AQ	<2	mg/L	ask

NET Atlantic, Cambridge Division
ANALYTICAL REPORT

Report Date: 10/22/1991

Report To: Wehran Engineering

NET Job No: 91.1748

Project: GE Wilmington

Date Rec'd: 10/01/1991

Sample ID: GEW-GW-103S-013

NET Sample No: 22263

GZA-103S

Parameter		Result	Units	Analyst
BOD - 5 day	AQ	<47	mg/L	mhc
Chemical Oxygen Demand	AQ	150	mg/L	vkk
Nitrate-IC	AQ	<0.10	mg/L N	tsm
Phosphorus-Total	AQ	27	mg/L P	lam
Total Organic Carbon, TOC	AQ	45	mg/L	tsm
Aqueous Digestion SW846	AQ	10/02/1991	date	jmk
Hardness by calculation	AQ	140	mg/L	pee
Iron (Fe) 846 ICP	AQ	92	mg/L	cme
Manganese (Mn) 846 ICP	AQ	2.5	mg/L	cme
EX Petroleum Hydro., TPH	AQ	10/16/1991	date	ewt
Petroleum Hydrocarbons, TPH	AQ	6.7	mg/L	ask

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/22/1991

Report To: Wehran Engineering

NET Job No: 91.1748

Project: GE Wilmington

Date Rec'd: 10/01/1991

Sample ID: GEW-GW-RW-014

NET Sample No: 22264

Recovery Well (near GZA-103 Series)

Parameter		Result	Units	Analyst
BOD - 5 day	AQ	<47	mg/L	mhc
Chemical Oxygen Demand	AQ	420	mg/L	vkk
Nitrate-IC	AQ	<0.10	mg/L N	tsm
Phosphorus-Total	AQ	9.9	mg/L P	len
Total Organic Carbon, TOC	AQ	38	mg/L	tsm
Aqueous Digestion SW846	AQ	10/02/1991	date	jnk
Hardness by calculation	AQ	330	mg/L	pee
Iron (Fe) 846 ICP	AQ	28	mg/L	cme
Manganese (Mn) 846 ICP	AQ	2.9	mg/L	cme
EX Petroleum Hydro., TPH	AQ	10/16/1991	date	ert
Petroleum Hydrocarbons, TPH	AQ	<2	mg/L	ask

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/22/1991

Report To: Wehran Engineering

NET Job No: 91.1748

Project: GE Wilmington

Date Rec'd: 10/01/1991

Sample ID: GEW-GW-GZA7-015

NET Sample No: 22265

GZA-7

Parameter		Result	Units	Analyst
BOC - 5 day	AQ	<47	mg/L	mhc
Chemical Oxygen Demand	AQ	320	mg/L	vkk
Nitrate-IC	AQ	<0.10	mg/L N	tsm
Phosphorus-Total	AQ	0.80	mg/L P	lam
Total Organic Carbon, TOC	AQ	71	mg/L	tsm
Aqueous Digestion SW846	AQ	10/02/1991	date	jmk
Hardness by calculation	AQ	130	mg/L	pee
Iron (Fe) 846 ICP	AQ	110	mg/L	cme
Manganese (Mn) 846 ICP	AQ	6.5	mg/L	cme
EX Petroleum Hydro., TPH	AQ	10/16/1991	date	ewt
Petroleum Hydrocarbons, TPH	AQ	3.8	mg/L	ask

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/22/1991

Report To: Wehran Engineering

NET Job No: 91.1748

Project: GE Wilmington

Date Rec'd: 10/01/1991

Sample ID: GEW-GW-DP6-016

NET Sample No: 22266

DP-6

Parameter	Result	Units	Analyst
EX Petroleum Hydro., TPH AQ	10/16/1991	date	ewt
Petroleum Hydrocarbons, TPH AQ	420	mg/L	ask

NET Atlantic, Cambridge Division
ANALYTICAL REPORT

Report Date: 10/22/1991

Report To: Wehran Engineering

NET Job No: 91.1748

Project: GE Wilmington

Date Rec'd: 10/01/1991

Sample ID: GEWL-GW-101R-017

NET Sample No: 22267

GZA-101R

Parameter		Result	Units	Analyst
Chemical Oxygen Demand	AQ	54	mg/L	vkk
Total Organic Carbon, TOC	AQ	3.9	mg/L	tam

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/22/1991

Report To: Wehran Engineering

NET Job No: 91.1748

Project: GE Wilmington

Date Rec'd: 10/01/1991

Sample ID: GEW-GW-109R1-018

NET Sample No: 22268

Trip Blank

Parameter	Result	Units	Analysis Date	Analyst
TCL Volatiles by GC/MS 624 AQ				
Acetone	<5.0	ug/L	10/03/1991	kmc
Benzene	<5.0	ug/L		
Bromodichloromethane	<5.0	ug/L		
Bromoform	<5.0	ug/L		
Bromomethane	<5.0	ug/L		
2-Butanone (MEK)	<5.0	ug/L		
Carbon Disulfide	<5.0	ug/L		
Carbon Tetrachloride	<5.0	ug/L		
Chlorobenzene	<5.0	ug/L		
Chloroethane	<5.0	ug/L		
2-Chloroethylvinyl ether	<5.0	ug/L		
Chloroform	<5.0	ug/L		
Chloromethane	<5.0	ug/L		
Dibromochloromethane	<5.0	ug/L		
1,2-Dichlorobenzene	<5.0	ug/L		
1,3-Dichlorobenzene	<5.0	ug/L		
1,4-Dichlorobenzene	<5.0	ug/L		
1,1-Dichloroethane	<5.0	ug/L		
1,2-Dichloroethane	<5.0	ug/L		
1,1-Dichloroethene	<5.0	ug/L		
trans-1,2-Dichloroethene	<5.0	ug/L		
1,2-Dichloropropene	<5.0	ug/L		
cis-1,3-Dichloropropene	<5.0	ug/L		
trans-1,3-Dichloropropene	<5.0	ug/L		
Ethylbenzene	<5.0	ug/L		
2-Hexanone	5	ug/L		
4-Methyl-2-pentanone (MIBK)	8	ug/L		
Methylene Chloride	6	ug/L		
Styrene	<5.0	ug/L		
1,1,2,2-Tetrachloroethane	5	ug/L		
Tetrachloroethene	<5.0	ug/L		
Toluene	<5.0	ug/L		
1,1,1-Trichloroethane	<5.0	ug/L		
1,1,2-Trichloroethane	<5.0	ug/L		
Trichloroethane	<5.0	ug/L		
Trichlorofluoromethane	<5.0	ug/L		
Vinyl Acetate	<5.0	ug/L		
Vinyl Chloride	<5.0	ug/L		
m-Xylene	<5.0	ug/L		
o-Xylene	<5.0	ug/L		
p-Xylene	<5.0	ug/L		

NET

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/22/1991

Report To: Wehran Engineering

NET Job No: 91.1748

Project: GE Wilmington

Date Rec'd: 10/01/1991

Sample ID: GEU-GW-109R2-019

NET Sample No: 22269

Field Blank

Parameter	Result	Units	Analysis Date	Analyst
TCL Volatiles by GC/MS 624 AQ				
Acetone	6	ug/L	10/03/1991	kmc
Benzene	<5.0	ug/L		
Bromodichloromethane	<5.0	ug/L		
Bromoform	<5.0	ug/L		
Bromomethane	<5.0	ug/L		
2-Butanone (MEK)	<5.0	ug/L		
Carbon Disulfide	<5.0	ug/L		
Carbon Tetrachloride	<5.0	ug/L		
Chlorobenzene	<5.0	ug/L		
Chloroethane	<5.0	ug/L		
2-Chloroethylvinyl ether	<5.0	ug/L		
Chloroform	<5.0	ug/L		
Chloromethane	<5.0	ug/L		
Dibromochloromethane	<5.0	ug/L		
1,2-Dichlorobenzene	<5.0	ug/L		
1,3-Dichlorobenzene	<5.0	ug/L		
1,4-Dichlorobenzene	<5.0	ug/L		
1,1-Dichloroethane	<5.0	ug/L		
1,2-Dichloroethane	<5.0	ug/L		
1,1-Dichloroethene	<5.0	ug/L		
trans-1,2-Dichloroethene	<5.0	ug/L		
1,2-Dichloropropene	<5.0	ug/L		
cis-1,3-Dichloropropene	<5.0	ug/L		
trans-1,3-Dichloropropene	<5.0	ug/L		
Ethylbenzene	<5.0	ug/L		
2-Hexanone	<5.0	ug/L		
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L		
Methylene Chloride	<5.0	ug/L		
Styrene	<5.0	ug/L		
1,1,2,2-Tetrachloroethane	<5.0	ug/L		
Tetrachloroethene	<5.0	ug/L		
Toluene	<5.0	ug/L		
1,1,1-Trichloroethane	<5.0	ug/L		
1,1,2-Trichloroethane	<5.0	ug/L		
Trichloroethene	<5.0	ug/L		
Trichlorofluoromethane	<5.0	ug/L		
Vinyl Acetate	<5.0	ug/L		
Vinyl Chloride	<5.0	ug/L		
m-Xylene	<5.0	ug/L		
o-Xylene	<5.0	ug/L		
p-Xylene	<5.0	ug/L		

NET Atlantic, Cambridge Division
ANALYTICAL REPORT

Report Date: 10/22/1991

Report To: Wehran Engineering

NET Job No: 91.1748

Project: GE Wilmington

Date Rec'd: 10/01/1991

Sample ID: GEW-GW-103R2-011 DISSOLVED

NET Sample No: 22270

GZA-103R2

Parameter	Result	Units	Analyst
Aqueous digestion dis SW846 AQ	10/02/1991	date	jmk
Iron (Fe) DIS 846 ICP AQ	8.2	mg/L	cme
Manganese (Mn) DIS 846 ICP AQ	2.9	mg/L	cme

NET Atlantic, Cambridge Division
ANALYTICAL REPORT

Report Date: 10/22/1991

Report To: Wehran Engineering

NET Job No: 91.1748

Project: GE Wilmington

Date Rec'd: 10/01/1991

Sample ID: GEW-GW-103R1-012 DISSOLVED

NET Sample No: 22271

GZA-103R1

Parameter	Result	Units	Analyst
Aqueous digestion dia SW846 AQ	10/02/1991	date	jmk
Iron (Fe) DIS 846 ICP AQ	22	mg/L	cme
Manganese (Mn) DIS 846 ICP AQ	5.3	mg/L	cme

NET Atlantic, Cambridge Division
ANALYTICAL REPORT

Report Date: 10/22/1991

Report To: Wehran Engineering

NET Job No: 91.1748

Project: GE Wilmington

Date Rec'd: 10/01/1991

Sample ID: GEW-GW-103S-013 DISSOLVED

NET Sample No: 22272

GZA-103S

Parameter	Result	Units	Analyst
Aqueous digestion dia SW846 AQ	10/02/1991	date	jmk
Iron (Fe) DIS 846 ICP AQ	20	mg/L	cme
Manganese (Mn) DIS 846 ICP AQ	1.6	mg/L	cme

NET Atlantic, Cambridge Division
ANALYTICAL REPORT

Report Date: 10/22/1991

Report To: Wehran Engineering

NET Job No: 91.1748

Project: GE Wilmington

Date Rec'd: 10/01/1991

Sample ID: GEW-GW-RW-014 DISSOLVED

NET Sample No: 22273

Recovery Well (near GZA-103 series)

Parameter	Result	Units	Analyst
Aqueous digestion dis SWB46 AQ	10/02/1991	date	jmk
Iron (Fe) DIS 846 ICP AQ	12	mg/L	cme
Manganese (Mn) DIS 846 ICP AQ	4.2	mg/L	cme

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/22/1991

Report To: Wehran Engineering

NET Job No: 91.1748

Project: GE Wilmington

Date Rec'd: 10/01/1991

Sample ID: GEW-GW-GZA7-015 DISSOLVED

NET Sample No: 22274

GZA-7

Parameter	Result	Units	Analyst
Aqueous digestion dis SW846 AQ	10/02/1991	date	jmk
Iron (Fe) DIS 846 ICP AQ	12	mg/L	cme
Manganese (Mn) DIS 846 ICP AQ	2.6	mg/L	cme

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/22/1991

Report To: Wehran Engineering

NET Job No: 91.1748

Project: GE Wilmington

Date Rec'd: 10/01/1991

Sample ID: GEW-GW-101R-017 DISSOLVED

NET Sample No: 22275

GZA-101R

Parameter	Result	Units	Analyst
Aqueous digestion dis SW846 AQ	10/02/1991	date	jnk
Iron (Fe) DIS 846 ICP AQ	0.082	mg/L	cme
Manganese (Mn) DIS 846 ICP AQ	0.0094	mg/L	cme

NET Atlantic, Cambridge Division

QUALITY CONTROL DATA

Client: Mehran Engineering

NET Job No: 91.1748

Project:

Report Date: 10/22/1991

Surrogate Standard Percent Recovery

Abbreviated Surrogate Standard Names:

SS1	SS2	SS3	SS4	SS5	SS6	SS7	SS8	SS9	SS10	SS11	SS12
Bromofl	1,2-Dic	Toluene									

Sample ID	NET ID	Matrix	Percent Recovery											
			SS1	SS2	SS3	SS4	SS5	SS6	SS7	SS8	SS9	SS10	SS11	SS12
GEW-GW-109R1-018	22268	GW	110	91	101									
GEW-GW-109R2-019	22269	GW	99	89	93									

Notes:

NR - This surrogate standard is Not Required. Future versions of the test method will require this surrogate standard.
 Dil - This surrogate standard was diluted to below detectable levels due to concentrations of analytes in this sample.

Complete Surrogate Standard Names Listed by Analysis:

Pesticide Surrogate Standards:

Decachl = Decachlorobiphenyl (NR)

Dibutyl = Dibutylchlorodate

Tetrach = Tetrachlorobiphenyl (NR)

Volatile Surrogate Standards:

Bromofl = Bromofluorobenzene

1,2-Dichl = 1,2-Dichloroethane-d4

Toluene = Toluene-d8

Semivolatile Surrogate Standards:

2-Fluor (1st) = 2-Fluorobiphenyl

Phenol = Phenol-d6

2,4,6-T = 2,4,6-Tribromophenol

2-Fluor (2nd) = 2-Fluorophenol

Nitrobe = Nitrobenzene-d5

p-Terph = p-Terphenyl

Herbicides Surrogate Standard:

2,4-Dic = 2,4-Dichlorophenyl acetic acid

Petroleum Hydrocarbon Fingerprint Surrogate Standard:

2-Fluor = 2-Fluorobiphenyl

para-Te = para-Terphenyl

NET

NET Atlantic, Cambridge Division

QUALITY CONTROL DATA

Report To:

NET Job No:

Project:

Report Date: 10/22/1991

Matrix Spike/Matrix Spike Duplicate Results

Compound	Spike Amount	Sample Result	Units	MS Result	MS % Recovery	MSD Result	MSD % Recovery	RPD
Volatiles by GC/MS CLP	AQ							
Bromofluorobenzene	0.0	93	% recov.					
1,2-Dichloroethane-d4	0.0	86	% recov.					
Toluene-d8	0.0	92	% recov.					
Acetone	0.0	2	ug/L					
Benzene	50.0	<5	ug/L	47.0	94.00	47.3	94.60	0.60
Bromodichloromethane	0.0	<5	ug/L					
Bromoform	0.0	<5	ug/L					
Bromomethane	0.0	<10	ug/L					
2-Butanone (MEK)	0.0	<10	ug/L					
Carbon Disulfide	0.0	<5	ug/L					
Carbon Tetrachloride	0.0	<5	ug/L					
Chlorobenzene	50.0	<5	ug/L	47.4	94.80	46.8	93.60	1.30
Chloroethane	0.0	<10	ug/L					
Chloroform	0.0	<5	ug/L					
Chloromethane	0.0	<10	ug/L					
Dibromochloromethane	0.0	<5	ug/L					
1,1-Dichloroethane	0.0	<5	ug/L					
1,2-Dichloroethane	0.0	<5	ug/L					
1,2-Dichloroethene (total)	0.0	<5	ug/L					
1,1-Dichloroethene	50.0	<5	ug/L	49.4	98.80	45.3	90.60	8.70
1,2-Dichloropropane	0.0	<5	ug/L					
cis-1,3-Dichloropropene	0.0	<5	ug/L					
trans-1,3-Dichloropropene	0.0	<5	ug/L					
Ethylbenzene	0.0	<5	ug/L					
2-Hexanone	0.0	<10	ug/L					
4-Methyl-2-pentanone (MIBK)	0.0	<10	ug/L					
Methylene Chloride	0.0	<5	ug/L					
Styrene	0.0	<5	ug/L					
1,1,2,2-Tetrachloroethane	0.0	<5	ug/L					
Tetrachloroethene	0.0	<5	ug/L					
Toluene	50.0	<5	ug/L	48.7	97.40	46.1	92.20	5.50
1,1,1-Trichloroethane	0.0	<5	ug/L					
1,1,2-Trichloroethane	0.0	<5	ug/L					
Trichloroethene	50.0	<5	ug/L	43.0	86.00	42.5	85.00	1.20
Vinyl Acetate	0.0	<10	ug/L					
Vinyl Chloride	0.0	<10	ug/L					

NET Atlantic, Cambridge Division

BATCH QUALITY CONTROL DATA

Report To: Wehran Engineering

NET Job No: 91.1748

Program:

Report Date: 10/22/1991

Parameter		LCS % Recovery	Method Blank	Spike % Recovery	Sample (Run 1)	Duplicate (Run 2)	Analyst
BOD - 5 day	AQ	102.60	<2.0	NA	1300	1300	mhc
Chemical Oxygen Demand	AQ	106.50	<10	115.00	<10	<10	vkk
Nitrate-IC	AQ	95.10	<0.10	101.00	0.36	0.36	tsm
Phosphorus-Total	AQ	100.70	<0.010	100.00	<0.010	<0.010	tsm
Total Organic Carbon, TOC	AQ	102.80	<0.10	105.40	<0.10	<0.10	tsm
Total Organic Carbon, TOC	AQ			106.10	0.11	0.10	
Petroleum Hydrocarbons, TPH	AQ	51.80	<2				ask

Please note that the data reported for the Duplicates and Spikes were analyzed in the same batch, but may not necessarily be that of your sample.

LCS - Laboratory Control Sample

NET

NET Atlantic, Cambridge Division

QUALITY CONTROL DATA

Report To: Wehran Engineering

NET Job No: 91.1748

Project:

Report Date : 10/22/1991

Method Blank Analysis Data

Test Name	Result	Units	Run Batch	Run Date	Analyst Initials
TCL Volatiles by GC/MS 624 A9					
Bromofluorobenzene	93	% recov.	201	10/03/1991	kmc
1,2-Dichloroethane-d4	85	% recov.	201	10/03/1991	kmc
Toluene-d8	91	% recov.	201	10/03/1991	kmc
Acetone	<5.0	ug/L	201	10/03/1991	kmc
Benzene	<5.0	ug/L	201	10/03/1991	kmc
Bromodichloromethane	<5.0	ug/L	201	10/03/1991	kmc
Bromoform	<5.0	ug/L	201	10/03/1991	kmc
Bromomethane	<5.0	ug/L	201	10/03/1991	kmc
2-Butanone (MEK)	<5.0	ug/L	201	10/03/1991	kmc
Carbon Disulfide	<5.0	ug/L	201	10/03/1991	kmc
Carbon Tetrachloride	<5.0	ug/L	201	10/03/1991	kmc
Chlorobenzene	<5.0	ug/L	201	10/03/1991	kmc
Chloroethane	<5.0	ug/L	201	10/03/1991	kmc
2-Chloroethylvinyl ether	<5.0	ug/L	201	10/03/1991	kmc
Chloroform	<5.0	ug/L	201	10/03/1991	kmc
Chloromethane	<5.0	ug/L	201	10/03/1991	kmc
Dibromochloromethane	<5.0	ug/L	201	10/03/1991	kmc
1,2-Dichlorobenzene	<5.0	ug/L	201	10/03/1991	kmc
1,3-Dichlorobenzene	<5.0	ug/L	201	10/03/1991	kmc
1,4-Dichlorobenzene	<5.0	ug/L	201	10/03/1991	kmc
1,1-Dichloroethane	<5.0	ug/L	201	10/03/1991	kmc
1,2-Dichloroethane	<5.0	ug/L	201	10/03/1991	kmc
1,1-Dichloroethene	<5.0	ug/L	201	10/03/1991	kmc
trans-1,2-Dichloroethene	<5.0	ug/L	201	10/03/1991	kmc
1,2-Dichloropropene	<5.0	ug/L	201	10/03/1991	kmc
cis-1,3-Dichloropropene	<5.0	ug/L	201	10/03/1991	kmc
trans-1,3-Dichloropropene	<5.0	ug/L	201	10/03/1991	kmc
Ethylbenzene	<5.0	ug/L	201	10/03/1991	kmc
2-Hexanone	<5.0	ug/L	201	10/03/1991	kmc
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	201	10/03/1991	kmc
Methylene Chloride	<5.0	ug/L	201	10/03/1991	kmc
Styrene	<5.0	ug/L	201	10/03/1991	kmc
1,1,2,2-Tetrachloroethane	<5.0	ug/L	201	10/03/1991	kmc
Tetrachloroethene	<5.0	ug/L	201	10/03/1991	kmc
Toluene	<5.0	ug/L	201	10/03/1991	kmc
1,1,1-Trichloroethane	<5.0	ug/L	201	10/03/1991	kmc
1,1,2-Trichloroethane	<5.0	ug/L	201	10/03/1991	kmc
Trichloroethene	<5.0	ug/L	201	10/03/1991	kmc
Trichlorofluoromethane	<5.0	ug/L	201	10/03/1991	kmc
Vinyl Acetate	<5.0	ug/L	201	10/03/1991	kmc
Vinyl Chloride	<5.0	ug/L	201	10/03/1991	kmc
m-Xylene	<5.0	ug/L	201	10/03/1991	kmc
o-Xylene	<5.0	ug/L	201	10/03/1991	kmc

AX1PHA/AX1PHS SAMPLE WORKSHEET

Analysis Date: 10/18/91

Calibration $y = 0.0202 x + 0.0156$
slope intercept

Det. Lim.
2.0 mg/L for 1 L water
100 mg/kg for 20 g soil

To Use:
Enter the Date.
Enter the calibration co
Enter the sample NET ID.
Enter the medium ("a" fo
Enter the XT data.
Enter the sample amount
Enter the Dilution Facto
Your results are then ca

y=absorbance x=concentration (mg/100mL extract)

NET ID	Medium XT (a/s)	Abs	mg	Wet wt.	% solid	Sample	Dil	Blk	Det. Lim.	Conc.	% Rec.	XT 3660	A 3660	
91.1948-bk1a	s	98	0.009	0.34	30.30 g	100	0.03 kg	1	0	66	0.00 mg/kg	100	0.000	
-lca	s	32	0.495	23.68	30.00 g	100	0.03 kg	1	0	67	789.37 mg/kg	78%	100	0.000
28922	s	97	0.013	0.12	30.40 g	89	0.03 kg	1	0	74	0.00 mg/kg	100	0.000	
28923	s	97	0.013	0.12	30.20 g	97	0.03 kg	1	0	68	0.00 mg/kg	100	0.000	
91.1710-bk1a	a	96	0.018	0.11		1.00 L	1	0	2	0.11 mg/L		100	0.000	
-bk2a	s	97	0.013	-0.12		1.00 L	1	0	2	0.00 mg/L		100	0.000	
-lca	a	46	0.337	15.89		1.00 L	1	0	2	15.89 mg/L	51%	100	0.000	
10400	s	96	0.018	0.11		0.82 L	1	0	2	0.13 mg/L		100	0.000	
46467	s	96	0.018	0.11		0.76 L	1	0	3	0.14 mg/L		100	0.000	
91.1748-22261a		95	0.022	0.33		0.88 L	1	0	2	0.38 mg/L		100	0.000	
-22262	s	94	0.027	0.56		0.90 L	1	0	2	0.62 mg/L		100	0.000	
-22263	a	73	0.137	5.98		0.89 L	1	0	2	6.72 mg/L		100	0.000	
-22264	s	91	0.041	1.25		0.95 L	1	0	2	1.32 mg/L		100	0.000	
-22265	a	83	0.081	3.23		0.86 L	1	0	2	3.73 mg/L		100	0.000	
-22266	s	17	0.770	37.25		0.89 L	10	0	22	418.58 mg/L		100	0.000	
91.1818-28312a		97	0.013	0.12		0.93 L	1	0	2	0.00 mg/L		100	0.000	
-28313	s	97	0.013	-0.12		0.95 L	1	0	2	0.00 mg/L		100	0.000	
-28314	s	95	0.022	0.33		0.96 L	1	0	2	0.35 mg/L		100	0.000	
-28315	s	99	0.004	-0.55		0.91 L	1	0	2	0.00 mg/L		100	0.000	
-28316	s	95	0.022	0.33		0.93 L	1	0	2	0.36 mg/L		100	0.000	
-28317	s	99	0.004	-0.55		0.92 L	1	0	2	0.00 mg/L		100	0.000	
-28318	s	83	0.081	3.23		0.93 L	1	0	2	3.47 mg/L		100	0.000	
-28319	s	79	0.102	4.29		0.91 L	1	0	3	4.71 mg/L		100	0.000	
-28320	s	96	0.018	0.11		0.93 L	1	0	2	0.11 mg/L		100	0.000	
-28321	s	26	0.585	28.14		0.87 L	20	0	46	646.82 mg/L		100	0.000	
28322	s	96	0.018	0.11		0.91 L	1	0	3	0.12 mg/L		100	0.000	

QC SUMMARY FOR INORGANICS REPORT: PRE-DIGESTION SPIKES

NET-CAMBRIDGE DIVISION

Work ID:

Date of report: 07/26/91

SDG/ Batch: 91.1708

Page: 2

Spike: 1708-16447 (Aqueous)

	Sample	Spike	Added	%Recovery	
Element					
Ag	< 0.0050 mg/L	0.041	0.050	82	+
Al	8.6 mg/L	11.5	2.0	145	+
As	0.0072 mg/L	0.046	0.040	97	+
Ba	0.16 mg/L	1.95	2.0	90	+
Be	< 0.0010 mg/L	0.045	0.050	90	+
Cd	< 0.0030 mg/L	0.045	0.050	90	+
Cr	0.079 mg/L	0.25	0.200	90	+
Cu	0.024 mg/L	0.25	0.250	90	+
Fe	12.6 mg/L	14.2	1.0	160	+
Mn	0.46 mg/L	0.93	0.500	94	+
Mo	< 0.10 mg/L	< 0.10	0	-----	+
Ni	0.054 mg/L	0.53	0.500	95	+
Pb	0.011 mg/L	0.029	0.020	90	+
Se	< 0.0020 mg/L	0.0089	0.010	89	+
Zn	0.092 mg/L	0.55	0.500	94	+

* Spiking level less than 0.25 times sample level.

NET

77 SUMMARY FOR INORGANICS REPORT: DIGESTION BLANKS

NET-CAMBRIDGE DIVISION

Date of report: 07/26/91

Work ID:

SDG/ Batch: 91.1708

Page: 3

Blank: 3015CW
Found, mg/L

Element

Ag	< 0.0050
Al	< 0.020
As	< 0.0030
Ba	< 0.0050
Be	< 0.0010
	+
Cd	< 0.0030
Cr	< 0.0050
Cu	0.0052
Fe	0.026
Mn	0.0025
	+
Mo	< 0.10
Ni	< 0.0050
Pb	0.0023
Se	< 0.0020
Zn	0.015
	+

QC SUMMARY FOR INORGANICS REPORT: LAB CONTROL STANDARDS

NET-CAMBRIDGE DIVISION

Date of report: 07/26/91

Work ID:

SDG/ Batch: 91.1708

Page: 4

Standard:		LC5HCL 3016CW (Liquid)				LC5HN03 3016CW (Liquid)			
		True	Found	Units	% R	True	Found	Units	% R
<u>Element</u>									
Ag	:	1.00	0.88	mg/L	88				
Al	:	1.0	1.1	mg/L	110				
As	:					0.020	0.020	mg/L	100
Ba	:	1.00	0.96	mg/L	96				
Be	:	0.20	0.187	mg/L	94				
	+								
Cd	:	1.00	0.88	mg/L	88				
Cr	:	1.00	0.99	mg/L	99				
Cu	:	1.00	0.98	mg/L	98				
Fe	:	1.00	1.05	mg/L	105				
Mn	:	1.00	0.99	mg/L	99				
	+								
Mo	:	5.0	5.5	mg/L	110				
Ni	:	1.00	1.03	mg/L	103				
Pb	:	1.0	0.86	mg/L	86	0.020	0.020	mg/L	100
Se	:					0.010	0.0088	mg/L	88
Zn	:	1.00	1.05	mg/L	105				
	+								

GC SUMMARY FOR INORGANICS REPORT: DUPLICATES

NET-CAMBRIDGE DIVISION

Date of report: 07/26/91

Work ID:

SDG/ Batch: 91.1708

Page: 1

Duplicate: 1708-16447 (Aqueous)

% solids: Sample Duplicate %RFD

Element

Ag	< 0.0050	< 0.0050	mg/L	----
Al	8.6	8.7	mg/L	11
As	0.0072	0.0080	mg/L	11
Ba	0.16	0.16	mg/L	01
Be	< 0.0010	< 0.0010	mg/L	----
	+			+
Cd	< 0.0030	0.0044	mg/L	200
Cr	0.079	0.078	mg/L	11
Cu	0.024	0.018	mg/L	29
Fe	12.6	12.8	mg/L	21
Mn	0.46	0.45	mg/L	21
	+			+
Mo	< 0.10	< 0.10	mg/L	----
Ni	0.054	0.058	mg/L	71
Pb	0.011	0.013	mg/L	17
Se	< 0.0020	< 0.0020	mg/L	----
Zn	0.052	0.092	mg/L	01
	+			+

* Sample values are less than 5x MDL, RPA could be more than 10%.

NET

**NATIONAL
ENVIRONMENTAL
TESTING, INC.**

NET Atlantic, Inc., Cambridge Division, 12 Oak Park, Bedford, MA 01730
Formerly Cambridge Analytical Associates, Inc.

911748

Craig Durrett

**_____
(Print Name)**

(Print Name)

Chris D. Paul

Signature

Signature

SAMPLE NO.	DATE TIME	SAMPLE LOCATION	CONTAINER	SAMPLE PRESERVATIVE
1				
2				
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DATE	DESCRIPTION	AMOUNT	DEBIT	CREDIT	BALANCE	REMARKS
"	GEW-GW-103R1-012	7				
"	GEW-GW-103S-013	7				
"	GEW-GW-RW-014	7				
"	GEW-GW-GE47-015	7				
"	GEW-GW-DP6-016	1				
"	GEW-GW-101R-017	2				
"	GEW-GW-109R1-018	2				
"	GEW-GW-109R2-019	2				

Relinquished by:

Date / Time

Received by:

Relinquished by:

Date / Time

Received by:

Relinquished by:

Date / Time

Received by:

Relinquished by:

Date / Time

Received for Laboratory by:

Method of Shipment

TEN

NET ATLANTIC, Cambridge Division

ANALYTICAL REPORT

Report To:

Mr. Eric Wood
Wehran Engineering
Andover Research Park
6 Riverside Dr. Suite 101
Andover, MA 01810-1121

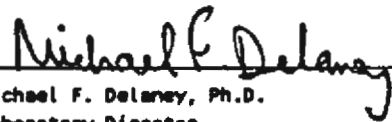
Reported By:

National Environmental Testing
NET Atlantic, Incorporated
Cambridge Division
12 Oak Park
Bedford, MA 01730

Report Date: 10/24/1991**NET Job Number:** 91.1818**Project:** GE Wilmington**NET Client No:** 80100**P.O. No:****Collected By:** DURRETT**Shipped Via:** SAME**Job Description:****Airbill No:**

This report has been approved and certified for release by the following staff. Please feel free to call the NET Project Manager at 617-275-3535 with any questions or comments.


Elizabeth J. Adams
NET Project Manager


Michael F. Delaney, Ph.D.
Laboratory Director

Analytical data for the following samples are included in this data report.

SAMPLE ID	NET ID	DATE TAKEN	TIME TAKEN	DATE REC'D	MATRIX
GEW-SD-WL1-033	28283	10/03/1991		10/03/1991	SO
GEW-SD-WL2-030	28284	10/03/1991		10/03/1991	SO
GEW-SD-WL2-030	28308	10/03/1991		10/03/1991	SO
GEW-SD-WL3-028	28309	10/03/1991		10/03/1991	SO
GEW-SD-WL4-026	28310	10/03/1991		10/03/1991	SO
GEW-SD-WL5-024	28311	10/03/1991		10/03/1991	SO
GEW-SW-WL1-032	28312	10/03/1991		10/03/1991	SW
GEW-SW-WL2-029	28313	10/03/1991		10/03/1991	SW
GEW-SW-WL3-027	28314	10/03/1991		10/03/1991	SW
GEW-SW-WL4-025	28315	10/03/1991		10/03/1991	SW
GEW-SW-WL5-023	28316	10/03/1991		10/03/1991	SW
GEW-GW-101R-017	28317	10/03/1991		10/03/1991	GW
GEW-GW-102S-034	28318	10/03/1991		10/03/1991	GW
GEW-GW-102D-035	28319	10/03/1991		10/03/1991	GW
GEW-GW-P23-020	28320	10/03/1991		10/03/1991	GW
GEW-GW-P22S-021	28321	10/03/1991		10/03/1991	GW
GEW-GW-0P5-022	28322	10/03/1991		10/03/1991	GW
GEW-GW-WL6-031	28323	10/03/1991		10/03/1991	GW
GEW-GW-WL7-036	28324	10/03/1991		10/03/1991	GW
D GEW-GW-102S-034	28325	10/03/1991		10/03/1991	GW

NET

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/24/1991

Report To: Mehran Engineering

NET Job No: 91.1818

Project: GE Wilmington

Date Rec'd: 10/03/1991

Sample ID: GEV-SD-WL1-033

NET Sample No: 28283

Parameter	Result	Units	Analyst
Metals, Priority Pollutants S	COMPLETE		ecw
Non-Aqueous Digestion SUB46 S	10/17/1991	date	kit
Antimony (Sb) 846 ICP S	<25	mg/Kg	cme
Arsenic (As) 846 GFAA S	3.8	mg/Kg	jth
Beryllium (Be) 846 ICP S	<0.85	mg/kg	cme
Cadmium (Cd) 846 ICP S	3.06	mg/Kg	lab
Chromium (Cr) 846 ICP S	5.4	mg/Kg	cme
Copper (Cu) 846 ICP S	340	mg/Kg	cme
Lead (Pb) 846 ICP S	130	mg/Kg ✓	cme
Mercury (Hg) 846 CVAA S	<0.41	mg/Kg	jmk
Nickel (Ni) 846 ICP S	20	mg/Kg	cme
Selenium (Se) 846 GFAA S	<1.7	mg/Kg	jth
Silver (Ag) 846 ICP S	<17	mg/kg	cme
Thallium (Tl) 846 GFAA S	<1.7	mg/Kg	jth
Zinc (Zn) 846 ICP S	89	mg/Kg	cme
EX Petroleum Hydrocarbon, TPH S	10/09/1991	date	jmd
Petroleum Hydrocarbons, TPH S	2600	mg/Kg	ask
EX Acid/Base/Neutrals 8270 S	10/15/1991	date	kam

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/24/1991

Report To: Wehran Engineering

NET Job No: 91.1818

Project: GE Wilmington

Date Rec'd: 10/03/1991

Sample ID: GEW-SO-WL2-030

NET Sample No: 28308

Parameter	Result	Units	Analyst
Metals, Priority Pollutants S	COMPLETE		ecw
Non-Aqueous Digestion SUB46 S	10/17/1991	date	kit
Antimony (Sb) 846 ICP S	<34	mg/Kg	cme
Arsenic (As) 846 GFAA S	4.0	mg/Kg	jth
Beryllium (Be) 846 ICP S	<1.1	mg/Kg	cme
Cadmium (Cd) 846 ICP S	<3.4	mg/Kg	lab
Chromium (Cr) 846 ICP S	8.8	mg/Kg	cme
Copper (Cu) 846 ICP S	920	mg/Kg	cme
Lead (Pb) 846 ICP S	<110	mg/Kg	cme
Mercury (Hg) 846 CVAA S	<0.56	mg/Kg	jmk
Nickel (Ni) 846 ICP S	37	mg/Kg	cme
Selenium (Se) 846 GFAA S	<2.2	mg/Kg	jth
Silver (Ag) 846 ICP S	<22	mg/Kg	cme
Thallium (Tl) 846 GFAA S	<2.2	mg/Kg	jth
Zinc (Zn) 846 ICP S	250	mg/Kg	cme
EX Petroleum Hydrocarbon, TPH S	10/09/1991	date	jmd
Petroleum Hydrocarbons, TPH S	1100	mg/Kg	ask
EX Acid/Base/Neutrals 8270 S	10/15/1991	date	kam

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/24/1991

Report To: Wehran Engineering

NET Job No: 91.1818

Project: GE Wilmington

Date Rec'd: 10/03/1991

Sample ID: GEW-SO-WL3-028

NET Sample No: 28309

Parameter	Result	Units	Analyst
Metals, Priority Pollutants S	COMPLETE		ecw
Non-Aqueous Digestion SW846 S	10/17/1991	date	kit
Antimony (Sb) 846 ICP S	13	mg/Kg	cme
Arsenic (As) 846 GFAA S	<4.2	mg/Kg	jth
Beryllium (Be) 846 ICP S	0.30	mg/Kg	cme
Cadmium (Cd) 846 ICP S	1.2	mg/Kg	lab
Chromium (Cr) 846 ICP S	12	mg/Kg	cme
Copper (Cu) 846 ICP S	9.4	mg/Kg	cme
Lead (Pb) 846 ICP S	<28	mg/Kg	cme
Mercury (Hg) 846 CVAA S	<0.14	mg/Kg	jak
Nickel (Ni) 846 ICP S	8.7	mg/Kg	cme
Selenium (Se) 846 GFAA S	<0.56	mg/Kg	jth
Silver (Ag) 846 ICP S	<5.6	mg/Kg	cme
Thallium (Tl) 846 GFAA S	<0.56	mg/Kg	jth
Zinc (Zn) 846 ICP S	24	mg/Kg	cme
EX Petroleum Hydrocarbon, TPH S	10/09/1991	date	jmd
Petroleum Hydrocarbons, TPH S	920	mg/Kg	ask
EX Acid/Base/Neutrals 8270 S	10/15/1991	date	kam

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/24/1991

Report To: Wehran Engineering

NET Job No: 91.1818

Project: GE Wilmington

Date Rec'd: 10/03/1991

Sample ID: GEV-SO-WL4-026

NET Sample No: 28310

Parameter	Result	Units	Analyst
Metals, Priority Pollutants S	COMPLETE		ecw
Non-Aqueous Digestion SW846 S	10/17/1991	date	kit
Antimony (Sb) 846 ICP S	38	mg/Kg	cme
Arsenic (As) 846 GFAA S	12	mg/Kg	jth
Beryllium (Be) 846 ICP S	<1.2	mg/Kg	cme
Cadmium (Cd) 846 ICP S	6.9	mg/Kg	lab
Chromium (Cr) 846 ICP S	12	mg/Kg	cme
Copper (Cu) 846 ICP S	26	mg/Kg	cme
Lead (Pb) 846 ICP S	140	mg/Kg	cme
Mercury (Hg) 846 CVAA S	<0.62	mg/Kg	jnk
Nickel (Ni) 846 ICP S	16	mg/Kg	cme
Selenium (Se) 846 GFAA S	<2.5	mg/Kg	jth
Silver (Ag) 846 ICP S	<25	mg/Kg	cme
Thallium (Tl) 846 GFAA S	<2.5	mg/Kg	jth
Zinc (Zn) 846 ICP S	140	mg/Kg	cme
EX Petroleum Hydrocarbon, TPH S	10/09/1991	date	jnd
Petroleum Hydrocarbons, TPH S	<480	mg/Kg	ask
EX Acid/Base/Neutrals 8270 S	10/15/1991	date	kam

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/24/1991

Report To: Wehran Engineering

NET Job No: 91.1818

Project: GE Wilmington

Date Rec'd: 10/03/1991

Sample ID: GEW-SD-WL5-024

NET Sample No: 28311

Parameter	Result	Units	Analyst
Metals, Priority Pollutants S	COMPLETE		ecw
Non-Aqueous Digestion SW846 S	10/17/1991	date	kit
Antimony (Sb) 846 ICP S	18	mg/Kg	cme
Arsenic (As) 846 GFAA S	11	mg/Kg	jth
Beryllium (Be) 846 ICP S	0.85	mg/Kg	cme
Cadmium (Cd) 846 ICP S	2.5	mg/Kg	lab
Chromium (Cr) 846 ICP S	22	mg/Kg	cme
Copper (Cu) 846 ICP S	15	mg/Kg	cme
Lead (Pb) 846 ICP S	59	mg/Kg	cme
Mercury (Hg) 846 CVAA S	<0.14	mg/Kg	jak
Nickel (Ni) 846 ICP S	18	mg/Kg	cme
Selenium (Se) 846 GFAA S	<0.60	mg/Kg	jth
Silver (Ag) 846 ICP S	<6.0	mg/Kg	cme
Thallium (Tl) 846 GFAA S	<0.60	mg/Kg	jth
Zinc (Zn) 846 ICP S	35	mg/Kg	cme
EX Petroleum Hydrocarbon, TPH S	10/09/1991	date	jad
Petroleum Hydrocarbons, TPH S	<130	mg/Kg	ask
EX Acid/Base/Neutrals 8270 S	10/15/1991	date	kam

NET Atlantic, Cambridge Division
ANALYTICAL REPORT

Report Date: 10/24/1991

Report To: Wehran Engineering

NET Job No: 91.1818

Project: GE Wilmington

Date Rec'd: 10/03/1991

Sample ID: GEW-SW-WL1-032

NET Sample No: 28312

Parameter	Result	Units	Analyst
EX Petroleum Hydro., TPH AQ	10/16/1991	date	ert
Petroleum Hydrocarbons, TPH AQ	<2	mg/L	ask

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/24/1991

Report To: Wahren Engineering

NET Job No: 91.1818

Project: GE Wilmington

Date Rec'd: 10/03/1991

Sample ID: GEW-SW-WL2-029

NET Sample No: 28313

Parameter	Result	Units	Analyst
EX Petroleum Hydro., TPH AQ	10/16/1991	date	ewt
Petroleum Hydrocarbons, TPH AQ	<2	ug/L	ask

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/24/1991

Report To: Wehran Engineering

NET Job No: 91.1818

Project: GE Wilmington

Date Rec'd: 10/03/1991

Sample ID: GEW-SW-WL3-027

NET Sample No: 28314

Parameter	Result	Units	Analyst
EX Petroleum Hydro., TPH AQ	10/16/1991	date	ewt
Petroleum Hydrocarbons, TPH AQ	<2	mg/L	ask

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/24/1991

Report To: Wehran Engineering

NET Job No: 91.1818

Project: GE Wilmington

Date Rec'd: 10/03/1991

Sample ID: GEW-SW-WL4-025

NET Sample No: 28315

Parameter	Result	Units	Analyst
EX Petroleum Hydro., TPH AQ	10/16/1991	date	ewt
Petroleum Hydrocarbons, TPH AQ	<2	mg/L	ask

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/24/1991

Report To: Wehran Engineering

NET Job No: 91.1818

Project: GE Wilmington

Date Rec'd: 10/03/1991

Sample ID: GEW-SW-WL5-023

NET Sample No: 28316

Parameter	Result	Units	Analyst
EX Petroleum Hydro., TPH AQ	10/16/1991	date	ert
Petroleum Hydrocarbons, TPH AQ	<2	mg/L	ask

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/24/1991

Report To: Wehran Engineering

NET Job No: 91.1818

Project: GE Wilmington

Date Rec'd: 10/03/1991

Sample ID: GEW-GW-101R-017

NET Sample No: 28317

Parameter		Result	Units	Analyst
BOD - 5 day	AQ	<45	mg/L	mhc
Nitrate-IC	AQ	<0.10	mg/L N	tsm
Phosphorus-Total	AQ	<0.010	mg/L P	tsm
Aqueous Digestion	SW846 AQ	10/16/1991	date	
Hardness by calculation	AQ	450	mg/L	lab
Iron (Fe)	846 ICP AQ	0.36	mg/L	cme
Manganese (Mn)	846 ICP AQ	0.46	mg/L	cme
EX Petroleum Hydro., TPH	AQ	10/16/1991	date	ert
Petroleum Hydrocarbons, TPH	AQ	<2	mg/L	ask

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/24/1991

Report To: Wehran Engineering

NET Job No: 91.1818

Project: GE Wilmington

Date Rec'd: 10/03/1991

Sample ID: GEW-GW-102S-034

NET Sample No: 28318

Parameter		Result	Units	Analyst
BOD - 5 day	AQ	350	mg/L	mhc
Chemical Oxygen Demand	AQ	590	mg/L	vkk
Nitrate-IC	AQ	<0.10	mg/L N	tsm
Phosphorus-Total	AQ	1.5	mg/L P	tsm
Total Organic Carbon, TOC	AQ	140	mg/L	tsm
Aqueous Digestion SU846	AQ	10/16/1991	date	
Hardness by calculation	AQ	160	mg/L	lab
Iron (Fe) 846 ICP	AQ	53	mg/L	cme
Manganese (Mn) 846 ICP	AQ	4.4	mg/L	cme
EX Petroleum Hydro., TPH	AQ	10/16/1991	date	ewt
Petroleum Hydrocarbons, TPH	AQ	3.5	mg/L	ask

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/24/1991

Report To: Wehran Engineering

NET Job No: 91.1818

Project: GE Wilmington

Date Rec'd: 10/03/1991

Sample ID: GEW-GW-102D-035

NET Sample No: 28319

Parameter	Result	Units	Analyst
EX Petroleum Hydro., TPH AQ	10/16/1991	date	ewt
Petroleum Hydrocarbons, TPH AQ	4.7	mg/L	ask

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/24/1991

Report To: Wehran Engineering

NET Job No: 91.1818

Project: GE Wilmington

Date Rec'd: 10/03/1991

Sample ID: GEW-GW-P23-020

NET Sample No: 28320

Parameter	Result	Units	Analyst
EX Petroleum Hydro., TPH AQ	10/16/1991	date	ent
Petroleum Hydrocarbons, TPH AQ	<2	mg/L	ask

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/24/1991

Report To: Wehran Engineering

NET Job No: 91.1818

Project: GE Wilmington

Date Rec'd: 10/03/1991

Sample ID: GEW-GW-PZ2S-021

NET Sample No: 28321

Parameter	Result	Units	Analyst
EX Petroleum Hydro., TPH AQ	10/16/1991	date	ewt
Petroleum Hydrocarbons, TPH AQ	650	mg/L	ask

NET Atlantic, Cambridge Division
ANALYTICAL REPORT

Report Date: 10/24/1991

Report To: Wehran Engineering

NET Job No: 91.1818

Project: GE Wilmington -

Date Rec'd: 10/03/1991

Sample ID: GEW-GW-DP5-022

NET Sample No: 28322

Parameter	Result	Units	Analyst
EX Petroleum Hydro., TPH AQ	10/16/1991	date	ewt
Petroleum Hydrocarbons, TPH AQ	<2	ng/L	ask

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/24/1991

Report To: Wehran Engineering

NET Job No: 91.1818

Project: GE Wilmington

Date Rec'd: 10/03/1991

Sample ID: D GEW-GW-102S-034

NET Sample No: 28325

Parameter	Result	Units	Analyst
Aqueous digestion dis SWB46 AQ	10/16/1991	date	
Iron (Fe) DIS 846 ICP AQ	39	mg/L	cmc
Manganese (Mn) DIS 846 ICP AQ	4.3	mg/L	cmc

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/24/1991

Report To: Wehran Engineering

NET Job No: 91.1818

Project: GE Wilmington

Date Rec'd: 10/03/1991

Sample ID: GEW-SD-WL1-033

NET Sample No: 28283

Parameter	Result	Units	Analysis Date	Analyst

TCL Volatiles by GC/MS 8240 S				
Acetone	240	ug/Kg	10/15/1991	dry
Benzene	<26.	ug/Kg		
Bromodichloromethane	<26.	ug/Kg		
Bromoform	<26.	ug/Kg		
Bromomethane	<26.	ug/Kg		
2-Butanone (MEK)	<26.	ug/Kg		
Carbon Disulfide	<26.	ug/Kg		
Carbon Tetrachloride	<26.	ug/Kg		
Chlorobenzene	<26.	ug/Kg		
Chloroethane	<26.	ug/Kg		
2-Chloroethylvinyl ether	<26.	ug/Kg		
Chloroform	<26.	ug/Kg		
Chloromethane	<26.	ug/Kg		
Dibromochloromethane	<26.	ug/Kg		
1,2-Dichlorobenzene	<26.	ug/Kg		
1,3-Dichlorobenzene	<26.	ug/Kg		
1,4-Dichlorobenzene	<26.	ug/Kg		
1,1-Dichloroethane	<26.	ug/Kg		
1,2-Dichloroethane	<26.	ug/Kg		
1,1-Dichloroethene	<26.	ug/Kg		
trans-1,2-Dichloroethene	<26.	ug/Kg		
1,2-Dichloropropene	<26.	ug/Kg		
cis-1,3-Dichloropropene	<26.	ug/Kg		
trans-1,3-Dichloropropene	<26.	ug/Kg		
Ethylbenzene	<26.	ug/Kg		
2-Hexanone	<26.	ug/Kg		
4-Methyl-2-pentanone (MIBK)	<26.	ug/Kg		
Methylene Chloride	<26.	ug/Kg		
Styrene	<26.	ug/Kg		
1,1,2,2-Tetrachloroethane	<26.	ug/Kg		
Tetrachloroethene	<26.	ug/Kg		
Toluene	<26.	ug/Kg		
1,1,1-Trichloroethane	<26.	ug/Kg		
1,1,2-Trichloroethane	<26.	ug/Kg		
Trichloroethene	<26.	ug/Kg		
Trichlorofluoromethane	<26.	ug/Kg		
Vinyl Acetate	<26.	ug/Kg		
Vinyl Chloride	<26.	ug/Kg		
m-Xylene	<26.	ug/Kg		
o-Xylene	<26.	ug/Kg		
p-Xylene	<26.	ug/Kg		

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/24/1991

Report To: Wehren Engineering

NET Job No: 91.1818

Project: GE Wilmington

Date Rec'd: 10/03/1991

Sample ID: GEW-SO-WL1-033

NET Sample No: 28283

Parameter	Result	Units	Analysis Date	Analyst

TCL Acid/Base/Neutrals 8270 S				
Acenaphthene	<2000.	ug/Kg	10/21/1991	mkk
Acenaphthylene	<2000.	ug/Kg		
Anthracene	<2000.	ug/Kg		
Benzo(a)Anthracene	<2000.	ug/Kg		
Benzo(a)Pyrene	<2000.	ug/Kg		
Benzo(b)Fluoranthene	<2000.	ug/Kg		
Benzo(g,h,i)Perylene	<2000.	ug/Kg		
Benzo(k)Fluoranthene	<2000.	ug/Kg		
Benzoic Acid	<2000.	ug/Kg		
Benzyl Alcohol	<2000.	ug/Kg		
4-Bromophenyl-phenylether	<2000.	ug/Kg		
Butylbenzylphthalate	<2000.	ug/Kg		
4-Chloro-3-Methylphenol	<2000.	ug/Kg		
4-Chloroaniline	<2000.	ug/Kg		
bis(2-Chloroethoxy)Methane	<2000.	ug/Kg		
bis(2-Chloroethyl)Ether	<2000.	ug/Kg		
bis(2-Chloroisopropyl)Ether	<2000.	ug/Kg		
2-Chloronaphthalene	<2000.	ug/Kg		
2-Chlorophenol	<2000.	ug/Kg		
4-Chlorophenyl-phenylether	<2000.	ug/Kg		
Chrysene	<2000.	ug/Kg		
Di-n-Butylphthalate	<2000.	ug/Kg		
Di-n-Octyl Phthalate	<2000.	ug/Kg		
Dibenz(a,h)Anthracene	<2000.	ug/Kg		
Dibenzofuran	<2000.	ug/Kg		
1,2-Dichlorobenzene	<2000.	ug/Kg		
1,3-Dichlorobenzene	<2000.	ug/Kg		
1,4-Dichlorobenzene	<2000.	ug/Kg		
3,3'-Dichlorobenzidine.	<2000.	ug/Kg		
2,4-Dichlorophenol	<2000.	ug/Kg		
Diethylphthalate	<2000.	ug/Kg		
Dimethyl Phthalate	<2000.	ug/Kg		
2,4-Dimethylphenol	<2000.	ug/Kg		
4,6-Dinitro-2-Methylphenol	<2000.	ug/Kg		
2,4-Dinitrophenol	<2000.	ug/Kg		
2,4-Dinitrotoluene	<2000.	ug/Kg		
2,6-Dinitrotoluene	<2000.	ug/Kg		
bis(2-Ethylhexyl)Phthalate	<2000.	ug/Kg		
Fluoranthene	<2000.	ug/Kg		
Fluorene	<2000.	ug/Kg		
Hexachlorobenzene	<2000.	ug/Kg		
Hexachlorobutadiene	<2000.	ug/Kg		
Hexachlorocyclopentadiene	<2000.	ug/Kg		
Hexachloroethane	<2000.	ug/Kg		

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NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/26/1991

Report To: Wehran Engineering

NET Job No: 91.1818

Project: GE Wilmington

Date Rec'd: 10/03/1991

Sample ID: GEW-SD-WL1-033

NET Sample No: 28283

Parameter	Result	Units	Analysis Date	Analyst
Indeno(1,2,3-cd)Pyrene	<2000.	ug/Kg	10/21/1991	mkk
Isophorone	<2000.	ug/Kg		
2-Methylnaphthalene	<2000.	ug/Kg		
2-Methylphenol	<2000.	ug/Kg		
4-Methylphenol	<2000.	ug/Kg		
N-Nitroso-di-n-Propylamine	<2000.	ug/Kg		
N-Nitrosodimethylamine	<2000.	ug/Kg		
N-Nitrosodiphenylamine	<2000.	ug/Kg		
Naphthalene	<2000.	ug/Kg		
2-Nitroaniline	<2000.	ug/Kg		
3-Nitroaniline	<2000.	ug/Kg		
4-Nitroaniline	<2000.	ug/Kg		
Nitrobenzene	<2000.	ug/Kg		
2-Nitrophenol	<2000.	ug/Kg		
4-Nitrophenol	<2000.	ug/Kg		
Pentachlorophenol	<2000.	ug/Kg		
Phenanthrene	<2000.	ug/Kg		
Phenol	<2000.	ug/Kg		
Pyrene	<2000.	ug/Kg		
1,2,4-Trichlorobenzene	<2000.	ug/Kg		
2,4,5-Trichlorophenol	<2000.	ug/Kg		
2,4,6-Trichlorophenol	<2000.	ug/Kg		

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/26/1991

Report To: Wehran Engineering

NET Job No: 91.1818

Project: GE Wilmington

Date Rec'd: 10/03/1991

Sample ID: GEV-SO-WL2-030

NET Sample No: 28308

Parameter	Result	Units	Analysis Date	Analyst

TCL Volatiles by GC/MS 8240 S				
Acetone	210	ug/Kg	10/16/1991	dry
Benzene	<23.	ug/Kg		
Bromodichloromethane	<23.	ug/Kg		
Bromoform	<23.	ug/Kg		
Bromomethane	<23.	ug/Kg		
2-Butanone (MEK)	<23.	ug/Kg		
Carbon Disulfide	<23.	ug/Kg		
Carbon Tetrachloride	<23.	ug/Kg		
Chlorobenzene	<23.	ug/Kg		
Chloroethane	<23.	ug/Kg		
2-Chloroethylvinyl ether	<23.	ug/Kg		
Chloroform	<23.	ug/Kg		
Chloromethane	<23.	ug/Kg		
Dibromochloromethane	<23.	ug/Kg		
1,2-Dichlorobenzene	<23.	ug/Kg		
1,3-Dichlorobenzene	<23.	ug/Kg		
1,4-Dichlorobenzene	<23.	ug/Kg		
1,1-Dichloroethane	35	ug/Kg		
1,2-Dichloroethane	<23.	ug/Kg		
1,1-Dichloroethene	<23.	ug/Kg		
trans-1,2-Dichloroethene	<23.	ug/Kg		
1,2-Dichloropropane	<23.	ug/Kg		
cis-1,3-Dichloropropene	<23.	ug/Kg		
trans-1,3-Dichloropropene	<23.	ug/Kg		
Ethylbenzene	38	ug/Kg		
2-Hexanone	<23.	ug/Kg		
4-Methyl-2-pentanone (MIBK)	<23.	ug/Kg		
Methylene Chloride	<23.	ug/Kg		
Styrene	<23.	ug/Kg		
1,1,2,2-Tetrachloroethane	<23.	ug/Kg		
Tetrachloroethene	<23.	ug/Kg		
Toluene	<23.	ug/Kg		
1,1,1-Trichloroethane	<23.	ug/Kg		
1,1,2-Trichloroethane	<23.	ug/Kg		
Trichloroethene	<23.	ug/Kg		
Trichlorofluoromethane	<23.	ug/Kg		
Vinyl Acetate	<23.	ug/Kg		
Vinyl Chloride	<23.	ug/Kg		
m-Xylene	<23.	ug/Kg		
o-Xylene	35	ug/Kg		
p-Xylene	<23.	ug/Kg		

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/24/1991

Report To: Wehran Engineering

NET Job No: 91.1818

Project: GE Wilmington

Date Rec'd: 10/03/1991

Sample ID: GEW-SD-WL2-030

NET Sample No: 28308

Parameter	Result	Units	Analysis Date	Analyst
TCL Acid/Base/Neutrals 8270 S				
Acenaphthene	<2000.	ug/Kg	10/21/1991	mkk
Acenaphthylene	<2000.	ug/Kg		
Anthracene	<2000.	ug/Kg		
Benzo(e)Anthracene	<2000.	ug/Kg		
Benzo(a)Pyrene	<2000.	ug/Kg		
Benzo(b)Fluoranthene	<2000.	ug/Kg		
Benzo(g,h,i)Perylene	<2000.	ug/Kg		
Benzo(k)Fluoranthene	<2000.	ug/Kg		
Benzoic Acid	<2000.	ug/Kg		
Benzyl Alcohol	<2000.	ug/Kg		
4-Bromophenyl-phenylether	<2000.	ug/Kg		
Butylbenzylphthalate	<2000.	ug/Kg		
4-Chloro-3-Methylphenol	<2000.	ug/Kg		
4-Chloroaniline	<2000.	ug/Kg		
bis(2-Chloroethoxy)Methane	<2000.	ug/Kg		
bis(2-Chloroethyl)Ether	<2000.	ug/Kg		
bis(2-Chloroisopropyl)Ether	<2000.	ug/Kg		
2-Chloronaphthalene	<2000.	ug/Kg		
2-Chlorophenol	<2000.	ug/Kg		
4-Chlorophenyl-phenylether	<2000.	ug/Kg		
Chrysene	<2000.	ug/Kg		
Di-n-Butylphthalate	<2000.	ug/Kg		
Di-n-Octyl Phthalate	<2000.	ug/Kg		
Dibenz(a,h)Anthracene	<2000.	ug/Kg		
Dibenzofuran	<2000.	ug/Kg		
1,2-Dichlorobenzene	<2000.	ug/Kg		
1,3-Dichlorobenzene	<2000.	ug/Kg		
1,4-Dichlorobenzene	<2000.	ug/Kg		
3,3'-Dichlorobenzidine	<2000.	ug/Kg		
2,4-Dichlorophenol	<2000.	ug/Kg		
Diethylphthalate	<2000.	ug/Kg		
Dimethyl Phthalate	<2000.	ug/Kg		
2,4-Dimethylphenol	<2000.	ug/Kg		
4,6-Dinitro-2-Methylphenol	<2000.	ug/Kg		
2,4-Dinitrophenol	<2000.	ug/Kg		
2,4-Dinitrotoluene	<2000.	ug/Kg		
2,6-Dinitrotoluene	<2000.	ug/Kg		
bis(2-Ethylhexyl)Phthalate	<2000.	ug/Kg		
Fluoranthene	<2000.	ug/Kg		
Fluorene	<2000.	ug/Kg		
Hexachlorobenzene	<2000.	ug/Kg		
Hexachlorobutadiene	<2000.	ug/Kg		
Hexachlorocyclopentadiene	<2000.	ug/Kg		
Hexachloroethane	<2000.	ug/Kg		

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NET Atlantic, Cambridge Division
ANALYTICAL REPORT

Report Date: 10/24/1991

Report To: Wehran Engineering

NET Job No: 91.1818

Project: GE Wilmington

Date Rec'd: 10/03/1991

Sample ID: GEW-SO-WL2-030

NET Sample No: 28308

Parameter	Result	Units	Analysis Date	Analyst
Indeno(1,2,3-cd)Pyrene	<2000.	ug/Kg	10/21/1991	mkk
Isophorone	<2000.	ug/Kg		
2-Methylnaphthalene	<2000.	ug/Kg		
2-Methylphenol	<2000.	ug/Kg		
4-Methylphenol	<2000.	ug/Kg		
N-Nitroso-di-n-Propylamine	<2000.	ug/Kg		
N-Nitrosodimethylamine	<2000.	ug/Kg		
N-Nitrosodiphenylamine	<2000.	ug/Kg		
Naphthalene	<2000.	ug/Kg		
2-Nitroaniline	<2000.	ug/Kg		
3-Nitroaniline	<2000.	ug/Kg		
4-Nitroaniline	<2000.	ug/Kg		
Nitrobenzene	<2000.	ug/Kg		
2-Nitrophenol	<2000.	ug/Kg		
4-Nitrophenol	<2000.	ug/Kg		
Pentachlorophenol	<2000.	ug/Kg		
Phenanthrene	<2000.	ug/Kg		
Phenol	<2000.	ug/Kg		
Pyrene	<2000.	ug/Kg		
1,2,4-Trichlorobenzene	<2000.	ug/Kg		
2,4,5-Trichlorophenol	<2000.	ug/Kg		
2,4,6-Trichlorophenol	<2000.	ug/Kg		

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/24/1991

Report To: Mehran Engineering

NET Job No: 91.1818

Project: GE Wilmington

Date Rec'd: 10/03/1991

Sample ID: GEW-SD-WL3-028

NET Sample No: 28309

Parameter	Result	Units	Analysis Date	Analyst

TCL Volatiles by GC/MS 8240 S				
Acetone	12	ug/Kg	10/10/1991	dry
Benzene	<6.0	ug/Kg		
Bromodichloromethane	<6.0	ug/Kg		
Bromoform	<6.0	ug/Kg		
Bromomethane	<6.0	ug/Kg		
2-Butanone (MEK)	<6.0	ug/Kg		
Carbon Disulfide	<6.0	ug/Kg		
Carbon Tetrachloride	<6.0	ug/Kg		
Chlorobenzene	<6.0	ug/Kg		
Chloroethane	<6.0	ug/Kg		
2-Chloroethylvinyl ether	<6.0	ug/Kg		
Chloroform	<6.0	ug/Kg		
Chloromethane	<6.0	ug/Kg		
Dibromochloromethane	<6.0	ug/Kg		
1,2-Dichlorobenzene	<6.0	ug/Kg		
1,3-Dichlorobenzene	<6.0	ug/Kg		
1,4-Dichlorobenzene	<6.0	ug/Kg		
1,1-Dichloroethane	<6.0	ug/Kg		
1,2-Dichloroethane	<6.0	ug/Kg		
1,1-Dichloroethene	<6.0	ug/Kg		
trans-1,2-Dichloroethane	<6.0	ug/Kg		
1,2-Dichloropropene	<6.0	ug/Kg		
cis-1,3-Dichloropropene	<6.0	ug/Kg		
trans-1,3-Dichloropropene	<6.0	ug/Kg		
Ethylbenzene	<6.0	ug/Kg		
2-Hexanone	<6.0	ug/Kg		
4-Methyl-2-pentanone (MIBK)	<6.0	ug/Kg		
Methylene Chloride	<6.0	ug/Kg		
Styrene	<6.0	ug/Kg		
1,1,2,2-Tetrachloroethane	<6.0	ug/Kg		
Tetrachloroethene	<6.0	ug/Kg		
Toluene	<6.0	ug/Kg		
1,1,1-Trichloroethane	<6.0	ug/Kg		
1,1,2-Trichloroethane	<6.0	ug/Kg		
Trichloroethene	<6.0	ug/Kg		
Trichlorofluoromethane	<6.0	ug/Kg		
Vinyl Acetate	<6.0	ug/Kg		
Vinyl Chloride	<6.0	ug/Kg		
m-Xylene	<6.0	ug/Kg		
o-Xylene	<6.0	ug/Kg		
p-Xylene	<6.0	ug/Kg		

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/24/1991

Report To: Wehran Engineering

NET Job No: 91.1818

Project: GE Wilmington

Date Rec'd: 10/03/1991

Sample ID: GEW-SD-WL3-028

NET Sample No: 28309

Parameter	Result	Units	Analysis Date	Analyst
Indeno(1,2,3-cd)Pyrene	<300.	ug/Kg	10/21/1991	mkk
Isophorone	<300.	ug/Kg		
2-Methylnaphthalene	<300.	ug/Kg		
2-Methylphenol	<300.	ug/Kg		
4-Methylphenol	<300.	ug/Kg		
N-Nitroso-di-n-Propylamine	<300.	ug/Kg		
N-Nitrosodimethylamine	<300.	ug/Kg		
N-Nitrosodiphenylamine	<300.	ug/Kg		
Naphthalene	<300.	ug/Kg		
2-Nitroaniline	<300.	ug/Kg		
3-Nitroaniline	<300.	ug/Kg		
4-Nitroaniline	<300.	ug/Kg		
Nitrobenzene	<300.	ug/Kg		
2-Nitrophenol	<300.	ug/Kg		
4-Nitrophenol	<300.	ug/Kg		
Pentachlorophenol	<300.	ug/Kg		
Phenanthrene	<300.	ug/Kg		
Phenol	<300.	ug/Kg		
Pyrene	<300.	ug/Kg		
1,2,4-Trichlorobenzene	<300.	ug/Kg		
2,4,5-Trichlorophenol	<300.	ug/Kg		
2,4,6-Trichlorophenol	<300.	ug/Kg		

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/24/1991

Report To: Wehran Engineering

NET Job No: 91.1818

Project: GE Wilmington

Date Rec'd: 10/03/1991

Sample ID: GEW-SD-WL3-028

NET Sample No: 28309

Parameter	Result	Units	Analysis Date	Analyst

TCL Acid/Base/Neutrals 8270 S				
Acenaphthene	<300.	ug/Kg	10/21/1991	mkk
Acenaphthylene	<300.	ug/Kg		
Anthracene	<300.	ug/Kg		
Benzo(a)Anthracene	<300.	ug/Kg		
Benzo(a)Pyrene	<300.	ug/Kg		
Benzo(b)Fluoranthene	<300.	ug/Kg		
Benzo(g,h,i)Perylene	<300.	ug/Kg		
Benzo(k)Fluoranthene	<300.	ug/Kg		
Benzoic Acid	<300.	ug/Kg		
Benzyl Alcohol	<300.	ug/Kg		
4-Bromophenyl-phenylether	<300.	ug/Kg		
Butylbenzylphthalate	<300.	ug/Kg		
4-Chloro-3-Methylphenol	<300.	ug/Kg		
4-Chloroaniline	<300.	ug/Kg		
bis(2-Chloroethoxy)Methane	<300.	ug/Kg		
bis(2-Chloroethyl)Ether	<300.	ug/Kg		
bis(2-Chloroisopropyl)Ether	<300.	ug/Kg		
2-Chloronaphthalene	<300.	ug/Kg		
2-Chlorophenol	<300.	ug/Kg		
4-Chlorophenyl-phenylether	<300.	ug/Kg		
Chrysene	<300.	ug/Kg		
Di-n-Butylphthalate	<300.	ug/Kg		
Di-n-Octyl Phthalate	<300.	ug/Kg		
Dibenz(a,h)Anthracene	<300.	ug/Kg		
Dibenzofuran	<300.	ug/Kg		
1,2-Dichlorobenzene	<300.	ug/Kg		
1,3-Dichlorobenzene	<300.	ug/Kg		
1,4-Dichlorobenzene	<300.	ug/Kg		
3,3'-Dichlorobenzidine	<300.	ug/Kg		
2,4-Dichlorophenol	<300.	ug/Kg		
Diethylphthalate	<300.	ug/Kg		
Dimethyl Phthalate	<300.	ug/Kg		
2,4-Dimethylphenol	<300.	ug/Kg		
4,6-Dinitro-2-Methylphenol	<300.	ug/Kg		
2,4-Dinitrophenol	<300.	ug/Kg		
2,4-Dinitrotoluene	<300.	ug/Kg		
2,6-Dinitrotoluene	<300.	ug/Kg		
bis(2-Ethylhexyl)Phthalate	600	ug/Kg		
Fluoranthene	<300.	ug/Kg		
Fluorene	<300.	ug/Kg		
Hexachlorobenzene	<300.	ug/Kg		
Hexachlorobutadiene	<300.	ug/Kg		
Hexachlorocyclopentadiene	<300.	ug/Kg		
Hexachloroethane	<300.	ug/Kg		

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/24/1991

Report To: Wehran Engineering

NET Job No: 91.1818

Project: GE Wilmington

Date Rec'd: 10/03/1991

Sample ID: GEW-SD-WL4-026

NET Sample No: 28310

Parameter	Result	Units	Analysis Date	Analyst

TCL Volatiles by GC/MS 8240 8				
Acetone	720	ug/Kg	10/10/1991	dry
Benzene	<26.	ug/Kg		
Bromodichloromethane	<26.	ug/Kg		
Bromoform	<26.	ug/Kg		
Bromomethane	<26.	ug/Kg		
2-Butanone (MEK)	190	ug/Kg		
Carbon Disulfide	<26.	ug/Kg		
Carbon Tetrachloride	<26.	ug/Kg		
Chlorobenzene	<26.	ug/Kg		
Chloroethane	<26.	ug/Kg		
2-Chloroethylvinyl ether	<26.	ug/Kg		
Chloroform	<26.	ug/Kg		
Chloromethane	<26.	ug/Kg		
Dibromochloromethane	<26.	ug/Kg		
1,2-Dichlorobenzene	<26.	ug/Kg		
1,3-Dichlorobenzene	<26.	ug/Kg		
1,4-Dichlorobenzene	<26.	ug/Kg		
1,1-Dichloroethane	<26.	ug/Kg		
1,2-Dichloroethane	<26.	ug/Kg		
1,1-Dichloroethene	<26.	ug/Kg		
trans-1,2-Dichloroethene	<26.	ug/Kg		
1,2-Dichloropropene	<26.	ug/Kg		
cis-1,3-Dichloropropene	<26.	ug/Kg		
trans-1,3-Dichloropropene	<26.	ug/Kg		
Ethylbenzene	<26.	ug/Kg		
2-Hexanone	<26.	ug/Kg		
4-Methyl-2-pentanone (MIBK)	<26.	ug/Kg		
Methylene Chloride	<26.	ug/Kg		
Styrene	<26.	ug/Kg		
1,1,2,2-Tetrachloroethane	<26.	ug/Kg		
Tetrachloroethene	<26.	ug/Kg		
Toluene	<26.	ug/Kg		
1,1,1-Trichloroethane	<26.	ug/Kg		
1,1,2-Trichloroethane	<26.	ug/Kg		
Trichloroethene	<26.	ug/Kg		
Trichlorofluoromethane	<26.	ug/Kg		
Vinyl Acetate	<26.	ug/Kg		
Vinyl Chloride	<26.	ug/Kg		
m-Xylene	<26.	ug/Kg		
o-Xylene	<26.	ug/Kg		
p-Xylene	<26.	ug/Kg		

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/24/1991

Report To: Uehran Engineering

NET Job No: 91.1818

Project: GE Wilmington

Date Rec'd: 10/03/1991

Sample ID: GEW-SO-WL4-026

NET Sample No: 28310

Parameter	Result	Units	Analysis Date	Analyst
TCL Acid/Base/Neutrals 8270 S				
Acenaphthene	<1000.	ug/Kg	10/21/1991	mkk
Acenaphthylene	<1000.	ug/Kg		
Anthracene	<1000.	ug/Kg		
Benzo(a)Anthracene	<1000.	ug/Kg		
Benzo(a)Pyrene	<1000.	ug/Kg		
Benzo(b)Fluoranthene	<1000.	ug/Kg		
Benzo(g,h,i)Perylene	<1000.	ug/Kg		
Benzo(k)Fluoranthene	<1000.	ug/Kg		
Benzoic Acid	<1000.	ug/Kg		
Benzyl Alcohol	<1000.	ug/Kg		
4-Bromophenyl-phenylether	<1000.	ug/Kg		
Butylbenzylphthalate	<1000.	ug/Kg		
4-Chloro-3-Methylphenol	<1000.	ug/Kg		
4-Chloroaniline	<1000.	ug/Kg		
bis(2-Chloroethoxy)Methane	<1000.	ug/Kg		
bis(2-Chloroethyl)Ether	<1000.	ug/Kg		
bis(2-Chloroisopropyl)Ether	<1000.	ug/Kg		
2-Chloronaphthalene	<1000.	ug/Kg		
2-Chlorophenol	<1000.	ug/Kg		
4-Chlorophenyl-phenylether	<1000.	ug/Kg		
Chrysene	<1000.	ug/Kg		
Di-n-Butylphthalate	<1000.	ug/Kg		
Di-n-Octyl Phthalate	<1000.	ug/Kg		
Dibenz(a,h)Anthracene	<1000.	ug/Kg		
Dibenzofuran	<1000.	ug/Kg		
1,2-Dichlorobenzene	<1000.	ug/Kg		
1,3-Dichlorobenzene	<1000.	ug/Kg		
1,4-Dichlorobenzene	<1000.	ug/Kg		
3,3'-Dichlorobenzidine	<1000.	ug/Kg		
2,4-Dichlorophenol	<1000.	ug/Kg		
Diethylphthalate	<1000.	ug/Kg		
Dimethyl Phthalate	<1000.	ug/Kg		
2,4-Dimethylphenol	<1000.	ug/Kg		
4,6-Dinitro-2-Methylphenol	<1000.	ug/Kg		
2,4-Dinitrophenol	<1000.	ug/Kg		
2,4-Dinitrotoluene	<1000.	ug/Kg		
2,6-Dinitrotoluene	<1000.	ug/Kg		
bis(2-Ethylhexyl)Phthalate	4000	ug/Kg		
Fluoranthene	<1000.	ug/Kg		
Fluorene	<1000.	ug/Kg		
Hexachlorobenzene	<1000.	ug/Kg		
Hexachlorobutadiene	<1000.	ug/Kg		
Hexachlorocyclopentadiene	<1000.	ug/Kg		
Hexachloroethane	<1000.	ug/Kg		

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NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/24/1991

Report To: Wehran Engineering

NET Job No: 91.1818

Project: GE Wilmington

Date Rec'd: 10/03/1991

Sample ID: GEW-SD-WL4-026

NET Sample No: 28310

Parameter	Result	Units	Analysis Date	Analyst
Indeno(1,2,3-cd)Pyrene	<1000.	ug/Kg		
Isophorone	<1000.	ug/Kg	10/21/1991	mkk
2-Methylnaphthalene	<1000.	ug/Kg		
2-Methylphenol	<1000.	ug/Kg		
4-Methylphenol	<1000.	ug/Kg		
N-Nitroso-di-n-Propylamine	<1000.	ug/Kg		
N-Nitrosodimethylamine	<1000.	ug/Kg		
N-Nitrosodiphenylamine	<1000.	ug/Kg		
Naphthalene	<1000.	ug/Kg		
2-Nitroaniline	<1000.	ug/Kg		
3-Nitroaniline	<1000.	ug/Kg		
4-Nitroaniline	<1000.	ug/Kg		
Nitrobenzene	<1000.	ug/Kg		
2-Nitrophenol	<1000.	ug/Kg		
4-Nitrophenol	<1000.	ug/Kg		
Pentachlorophenol	<1000.	ug/Kg		
Phenanthrene	<1000.	ug/Kg		
Phenol	<1000.	ug/Kg		
Pyrene	<1000.	ug/Kg		
1,2,4-Trichlorobenzene	<1000.	ug/Kg		
2,4,5-Trichlorophenol	<1000.	ug/Kg		
2,4,6-Trichlorophenol	<1000.	ug/Kg		

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/24/1991

Report To: Mehran Engineering

NET Job No: 91.1818

Project: GE Wilmington

Date Rec'd: 10/03/1991

Sample ID: GEW-SD-WL5-026

NET Sample No: 28311

Parameter	Result	Units	Analysis Date	Analyst
TCL Volatiles by GC/MS 8240 S				
Acetone	7	ug/Kg	10/15/1991	dry
Benzene	<6.0	ug/Kg		
Bromodichloromethane	<6.0	ug/Kg		
Bromoform	<6.0	ug/Kg		
Bromomethane	<6.0	ug/Kg		
2-Butanone (MEK)	<6.0	ug/Kg		
Carbon Disulfide	<6.0	ug/Kg		
Carbon Tetrachloride	<6.0	ug/Kg		
Chlorobenzene	<6.0	ug/Kg		
Chloroethane	<6.0	ug/Kg		
2-Chloroethylvinyl ether	<6.0	ug/Kg		
Chloroform	<6.0	ug/Kg		
Chloromethane	<6.0	ug/Kg		
Dibromochloromethane	<6.0	ug/Kg		
1,2-Dichlorobenzene	<6.0	ug/Kg		
1,3-Dichlorobenzene	<6.0	ug/Kg		
1,4-Dichlorobenzene	<6.0	ug/Kg		
1,1-Dichloroethane	<6.0	ug/Kg		
1,2-Dichloroethane	<6.0	ug/Kg		
1,1-Dichloroethene	<6.0	ug/Kg		
trans-1,2-Dichloroethene	<6.0	ug/Kg		
1,2-Dichloropropene	<6.0	ug/Kg		
cis-1,3-Dichloropropene	<6.0	ug/Kg		
trans-1,3-Dichloropropene	<6.0	ug/Kg		
Ethylbenzene	<6.0	ug/Kg		
2-Hexanone	<6.0	ug/Kg		
4-Methyl-2-pentanone (MIBK)	<6.0	ug/Kg		
Methylene Chloride	<6.0	ug/Kg		
Styrene	<6.0	ug/Kg		
1,1,2,2-Tetrachloroethane	<6.0	ug/Kg		
Tetrachloroethene	<6.0	ug/Kg		
Toluene	<6.0	ug/Kg		
1,1,1-Trichloroethane	<6.0	ug/Kg		
1,1,2-Trichloroethane	<6.0	ug/Kg		
Trichloroethene	<6.0	ug/Kg		
Trichlorofluoromethane	<6.0	ug/Kg		
Vinyl Acetate	<6.0	ug/Kg		
Vinyl Chloride	<6.0	ug/Kg		
m-Xylene	<6.0	ug/Kg		
o-Xylene	<6.0	ug/Kg		
p-Xylene	<6.0	ug/Kg		

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/24/1991

Report To: Wehran Engineering

NET Job No: 91.1818

Project: GE Wilmington

Date Rec'd: 10/03/1991

Sample ID: GEW-SD-WLS-024

NET Sample No: 28311

Parameter	Result	Units	Analysis Date	Analyst

TCL Acid/Base/Neutrals 8270 S				
Acenaphthene	<300.	ug/Kg	10/21/1991	mck
Acenaphthylene	<300.	ug/Kg		
Anthracene	<300.	ug/Kg		
Benzo(a)Anthracene	500	ug/Kg		
Benzo(a)Pyrene	600	ug/Kg		
Benzo(b)Fluoranthene	<300.	ug/Kg		
Benzo(g,h,i)Perylene	<300.	ug/Kg		
Benzo(k)Fluoranthene	<300.	ug/Kg		
Benzoic Acid	<300.	ug/Kg		
Benzyl Alcohol	<300.	ug/Kg		
4-Bromophenyl-phenylether	<300.	ug/Kg		
Butylbenzylphthalate	<300.	ug/Kg		
4-Chloro-3-Methylphenol	<300.	ug/Kg		
4-Chloroaniline	<300.	ug/Kg		
bis(2-Chloroethoxy)Methane	<300.	ug/Kg		
bis(2-Chloroethyl)Ether	<300.	ug/Kg		
bis(2-Chloroisopropyl)Ether	<300.	ug/Kg		
2-Chloronaphthalene	<300.	ug/Kg		
2-Chlorophenol	<300.	ug/Kg		
4-Chlorophenyl-phenylether	<300.	ug/Kg		
Chrysene	1000	ug/Kg		
Di-n-Butylphthalate	<300.	ug/Kg		
Di-n-Octyl Phthalate	<300.	ug/Kg		
Dibenz(a,h)Anthracene	<300.	ug/Kg		
Dibenzofuran	<300.	ug/Kg		
1,2-Dichlorobenzene	<300.	ug/Kg		
1,3-Dichlorobenzene	<300.	ug/Kg		
1,4-Dichlorobenzene	<300.	ug/Kg		
3,3'-Dichlorobenzidine	<300.	ug/Kg		
2,4-Dichlorophenol	<300.	ug/Kg		
Diethylphthalate	<300.	ug/Kg		
Dimethyl Phthalate	<300.	ug/Kg		
2,4-Dimethylphenol	<300.	ug/Kg		
4,6-Dinitro-2-Methylphenol	<300.	ug/Kg		
2,4-Dinitrophenol	<300.	ug/Kg		
2,4-Dinitrotoluene	<300.	ug/Kg		
2,6-Dinitrotoluene	<300.	ug/Kg		
bis(2-Ethylhexyl)Phthalate	<300.	ug/Kg		
Fluoranthene	2100	ug/Kg		
Fluorene	<300.	ug/Kg		
Hexachlorobenzene	<300.	ug/Kg		
Hexachlorobutadiene	<300.	ug/Kg		
Hexachlorocyclopentadiene	<300.	ug/Kg		
Hexachloroethane	<300.	ug/Kg		

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/26/1991

Report To: Wehran Engineering

NET Job No: 91.1818

Project: GE Wilmington

Date Rec'd: 10/03/1991

Sample ID: GEV-SO-WLS-024

NET Sample No: 28311

Parameter	Result	Units	Analysis Date	Analyst
Indeno(1,2,3-cd)Pyrene	<300.	ug/Kg	10/21/1991	mkk
Isophorone	<300.	ug/Kg		
2-Methylnaphthalene	<300.	ug/Kg		
2-Methylphenol	<300.	ug/Kg		
4-Methylphenol	<300.	ug/Kg		
N-Nitroso-di-n-Propylamine	<300.	ug/Kg		
N-Nitrosodimethylamine	<300.	ug/Kg		
N-Nitrosodiphenylamine	<300.	ug/Kg		
Naphthalene	<300.	ug/Kg		
2-Nitroaniline	<300.	ug/Kg		
3-Nitroaniline	<300.	ug/Kg		
4-Nitroaniline	<300.	ug/Kg		
Nitrobenzene	<300.	ug/Kg		
2-Nitrophenol	<300.	ug/Kg		
4-Nitrophenol	<300.	ug/Kg		
Pentachlorophenol	<300.	ug/Kg		
Phenanthrene	1000	ug/Kg		
Phenol	<300.	ug/Kg		
Pyrene	1000	ug/Kg		
1,2,4-Trichlorobenzene	<300.	ug/Kg		
2,4,5-Trichlorophenol	<300.	ug/Kg		
2,4,6-Trichlorophenol	<300.	ug/Kg		

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/24/1991

Report To: Wehran Engineering

NET Job No: 91.1818

Project: GE Wilmington

Date Rec'd: 10/03/1991

Sample ID: GEW-SW-VL1-032

NET Sample No: 28312

Parameter	Result	Units	Analysis Date	Analyst

TCL Volatiles by GC/MS 624 A0				
Acetone	<5.0	ug/L	10/09/1991	mfw
Benzene	<5.0	ug/L		
Bromodichloromethane	<5.0	ug/L		
Bromoform	<5.0	ug/L		
Bromomethane	<5.0	ug/L		
2-Butanone (MEK)	<5.0	ug/L		
Carbon Disulfide	<5.0	ug/L		
Carbon Tetrachloride	<5.0	ug/L		
Chlorobenzene	<5.0	ug/L		
Chloroethane	<5.0	ug/L		
2-Chloroethylvinyl ether	<5.0	ug/L		
Chloroform	<5.0	ug/L		
Chloromethane	<5.0	ug/L		
Dibromochloromethane	<5.0	ug/L		
1,2-Dichlorobenzene	<5.0	ug/L		
1,3-Dichlorobenzene	<5.0	ug/L		
1,4-Dichlorobenzene	<5.0	ug/L		
1,1-Dichloroethane	<5.0	ug/L		
1,2-Dichloroethane	<5.0	ug/L		
1,1-Dichloroethene	<5.0	ug/L		
trans-1,2-Dichloroethene	<5.0	ug/L		
1,2-Dichloropropene	<5.0	ug/L		
cis-1,3-Dichloropropene	<5.0	ug/L		
trans-1,3-Dichloropropene	<5.0	ug/L		
Ethylbenzene	<5.0	ug/L		
2-Hexanone	<5.0	ug/L		
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L		
Methylene Chloride	<5.0	ug/L		
Styrene	<5.0	ug/L		
1,1,2,2-Tetrachloroethane	<5.0	ug/L		
Tetrachloroethene	<5.0	ug/L		
Toluene	<5.0	ug/L		
1,1,1-Trichloroethane	<5.0	ug/L		
1,1,2-Trichloroethane	<5.0	ug/L		
Trichloroethene	<5.0	ug/L		
Trichlorofluoromethane	<5.0	ug/L		
Vinyl Acetate	<5.0	ug/L		
Vinyl Chloride	<5.0	ug/L		
m-Xylene	<5.0	ug/L		
o-Xylene	<5.0	ug/L		
p-Xylene	<5.0	ug/L		

NET

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/24/1991

Report To: Wehran Engineering

NET Job No: 91.1818

Project: GE Wilmington

Date Rec'd: 10/03/1991

Sample ID: GEW-SW-ML2-029

NET Sample No: 28313

Parameter	Result	Units	Analysis Date	Analyst
TCL Volatiles by GC/MS 624 AQ				
Acetone	<5.0	ug/L	10/09/1991	mfw
Benzene	<5.0	ug/L		
Bromodichloromethane	<5.0	ug/L		
Bromoform	<5.0	ug/L		
Bromomethane	<5.0	ug/L		
2-Butanone (MEK)	<5.0	ug/L		
Carbon Disulfide	<5.0	ug/L		
Carbon Tetrachloride	<5.0	ug/L		
Chlorobenzene	<5.0	ug/L		
Chloroethane	<5.0	ug/L		
2-Chloroethylvinyl ether	<5.0	ug/L		
Chloroform	<5.0	ug/L		
Chloromethane	<5.0	ug/L		
Dibromochloromethane	<5.0	ug/L		
1,2-Dichlorobenzene	<5.0	ug/L		
1,3-Dichlorobenzene	<5.0	ug/L		
1,4-Dichlorobenzene	<5.0	ug/L		
1,1-Dichloroethane	<5.0	ug/L		
1,2-Dichloroethane	<5.0	ug/L		
1,1-Dichloroethene	<5.0	ug/L		
trans-1,2-Dichloroethene	<5.0	ug/L		
1,2-Dichloropropane	<5.0	ug/L		
cis-1,3-Dichloropropene	<5.0	ug/L		
trans-1,3-Dichloropropene	<5.0	ug/L		
Ethylbenzene	<5.0	ug/L		
2-Hexanone	<5.0	ug/L		
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L		
Methylene Chloride	<5.0	ug/L		
Styrene	<5.0	ug/L		
1,1,2,2-Tetrachloroethane	<5.0	ug/L		
Tetrachloroethene	<5.0	ug/L		
Toluene	<5.0	ug/L		
1,1,1-Trichloroethane	<5.0	ug/L		
1,1,2-Trichloroethane	<5.0	ug/L		
Trichloroethene	<5.0	ug/L		
Trichlorofluoromethane	<5.0	ug/L		
Vinyl Acetate	<5.0	ug/L		
Vinyl Chloride	<5.0	ug/L		
m-Xylene	<5.0	ug/L		
o-Xylene	<5.0	ug/L		
p-Xylene	<5.0	ug/L		

NET

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/24/1991

Report To: Wehran Engineering

NET Job No: 91.1818

Project: GE Wilmington

Date Rec'd: 10/03/1991

Sample ID: GEW-SW-WL3-027

NET Sample No: 28314

Parameter	Result	Units	Analysis Date	Analyst
TCL Volatiles by GC/MS 624 AQ				
Acetone	<5.0	ug/L	10/09/1991	mfw
Benzene	<5.0	ug/L		
Bromodichloromethane	<5.0	ug/L		
Bromoform	<5.0	ug/L		
Bromomethane	<5.0	ug/L		
2-Butanone (MEK)	<5.0	ug/L		
Carbon Disulfide	<5.0	ug/L		
Carbon Tetrachloride	<5.0	ug/L		
Chlorobenzene	<5.0	ug/L		
Chloroethane	<5.0	ug/L		
2-Chloroethylvinyl ether	<5.0	ug/L		
Chloroform	<5.0	ug/L		
Chloromethane	<5.0	ug/L		
Dibromochloromethane	<5.0	ug/L		
1,2-Dichlorobenzene	<5.0	ug/L		
1,3-Dichlorobenzene	<5.0	ug/L		
1,4-Dichlorobenzene	<5.0	ug/L		
1,1-Dichloroethane	6	ug/L		
1,2-Dichloroethane	<5.0	ug/L		
1,1-Dichloroethene	<5.0	ug/L		
trans-1,2-Dichloroethene	<5.0	ug/L		
1,2-Dichloropropene	<5.0	ug/L		
cis-1,3-Dichloropropene	<5.0	ug/L		
trans-1,3-Dichloropropene	<5.0	ug/L		
Ethylbenzene	<5.0	ug/L		
2-Hexanone	<5.0	ug/L		
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L		
Methylene Chloride	<5.0	ug/L		
Styrene	<5.0	ug/L		
1,1,2,2-Tetrachloroethane	<5.0	ug/L		
Tetrachloroethene	<5.0	ug/L		
Toluene	<5.0	ug/L		
1,1,1-Trichloroethane	<5.0	ug/L		
1,1,2-Trichloroethane	<5.0	ug/L		
Trichloroethene	5	ug/L		
Trichlorofluoromethane	<5.0	ug/L		
Vinyl Acetate	<5.0	ug/L		
Vinyl Chloride	10	ug/L		
m-Xylene	<5.0	ug/L		
o-Xylene	<5.0	ug/L		
p-Xylene	<5.0	ug/L		

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/24/1991

Report To: Wehran Engineering

NET Job No: 91.1818

Project: GE Wilmington

Date Rec'd: 10/03/1991

Sample ID: GEW-SW-WL4-025

NET Sample No: 28315

Parameter	Result	Units	Analysis Date	Analyst

TCL Volatiles by GC/MS 624 AQ				
Acetone	<5.0	ug/L	10/11/1991	mfw
Benzene	<5.0	ug/L		
Bromodichloromethane	<5.0	ug/L		
Bromoform	<5.0	ug/L		
Bromomethane	<5.0	ug/L		
2-Butanone (MEK)	<5.0	ug/L		
Carbon Disulfide	<5.0	ug/L		
Carbon Tetrachloride	<5.0	ug/L		
Chlorobenzene	<5.0	ug/L		
Chloroethane	<5.0	ug/L		
2-Chloroethylvinyl ether	<5.0	ug/L		
Chloroform	<5.0	ug/L		
Chloromethane	<5.0	ug/L		
Dibromochloromethane	<5.0	ug/L		
1,2-Dichlorobenzene	<5.0	ug/L		
1,3-Dichlorobenzene	<5.0	ug/L		
1,4-Dichlorobenzene	<5.0	ug/L		
1,1-Dichloroethane	<5.0	ug/L		
1,2-Dichloroethane	<5.0	ug/L		
1,1-Dichloroethene	<5.0	ug/L		
trans-1,2-Dichloroethene	<5.0	ug/L		
1,2-Dichloropropene	<5.0	ug/L		
cis-1,3-Dichloropropene	<5.0	ug/L		
trans-1,3-Dichloropropene	<5.0	ug/L		
Ethylbenzene	<5.0	ug/L		
2-Hexanone	<5.0	ug/L		
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L		
Methylene Chloride	<5.0	ug/L		
Styrene	<5.0	ug/L		
1,1,2,2-Tetrachloroethane	<5.0	ug/L		
Tetrachloroethene	<5.0	ug/L		
Toluene	<5.0	ug/L		
1,1,1-Trichloroethane	<5.0	ug/L		
1,1,2-Trichloroethane	<5.0	ug/L		
Trichloroethene	<5.0	ug/L		
Trichlorofluoromethane	<5.0	ug/L		
Vinyl Acetate	<5.0	ug/L		
Vinyl Chloride	<5.0	ug/L		
m-Xylene	<5.0	ug/L		
o-Xylene	<5.0	ug/L		
p-Xylene	<5.0	ug/L		

NET

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/24/1991

Report To: Wehran Engineering

NET Job No: 91.1818

Project: GE Wilmington

Date Rec'd: 10/03/1991

Sample ID: GEW-SW-WL5-023

NET Sample No: 28316

Parameter	Result	Units	Analysis Date	Analyst

TCL Volatiles by GC/MS 624 AQ				
Acetone	10	ug/L	10/11/1991	mfw
Benzene	<5.0	ug/L		
Bromodichloromethane	<5.0	ug/L		
Bromoform	<5.0	ug/L		
Bromomethane	<5.0	ug/L		
2-Butanone (MEK)	<5.0	ug/L		
Carbon Disulfide	<5.0	ug/L		
Carbon Tetrachloride	<5.0	ug/L		
Chlorobenzene	<5.0	ug/L		
Chloroethane	<5.0	ug/L		
2-Chloroethylvinyl ether	<5.0	ug/L		
Chloroform	<5.0	ug/L		
Chloromethane	<5.0	ug/L		
Dibromochloromethane	<5.0	ug/L		
1,2-Dichlorobenzene	<5.0	ug/L		
1,3-Dichlorobenzene	<5.0	ug/L		
1,4-Dichlorobenzene	<5.0	ug/L		
1,1-Dichloroethane	<5.0	ug/L		
1,2-Dichloroethane	<5.0	ug/L		
1,1-Dichloroethene	<5.0	ug/L		
trans-1,2-Dichloroethene	<5.0	ug/L		
1,2-Dichloropropene	<5.0	ug/L		
cis-1,3-Dichloropropene	<5.0	ug/L		
trans-1,3-Dichloropropene	<5.0	ug/L		
Ethylbenzene	<5.0	ug/L		
2-Hexanone	<5.0	ug/L		
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L		
Methylene Chloride	<5.0	ug/L		
Styrene	<5.0	ug/L		
1,1,2,2-Tetrachloroethane	<5.0	ug/L		
Tetrachloroethene	<5.0	ug/L		
Toluene	<5.0	ug/L		
1,1,1-Trichloroethane	<5.0	ug/L		
1,1,2-Trichloroethane	<5.0	ug/L		
Trichloroethene	<5.0	ug/L		
Trichlorofluoromethane	<5.0	ug/L		
Vinyl Acetate	<5.0	ug/L		
Vinyl Chloride	<5.0	ug/L		
m-Xylene	<5.0	ug/L		
o-Xylene	<5.0	ug/L		
p-Xylene	<5.0	ug/L		

NET

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/24/1991

Report To: Wehran Engineering

NET Job No: 91.1818

Project: GE Wilmington

Date Rec'd: 10/03/1991

Sample ID: GEW-GW-VL6-031

NET Sample No: 28323

Parameter	Result	Units	Analysis Date	Analyst

TCL Volatiles by GC/MS 624 AQ				
Acetone	<5.0	ug/L	10/09/1991	mfw
Benzene	<5.0	ug/L		
Bromodichloromethane	<5.0	ug/L		
Bromoform	<5.0	ug/L		
Bromomethane	<5.0	ug/L		
2-Butanone (MEK)	<5.0	ug/L		
Carbon Disulfide	<5.0	ug/L		
Carbon Tetrachloride	<5.0	ug/L		
Chlorobenzene	<5.0	ug/L		
Chloroethane	<5.0	ug/L		
2-Chloroethylvinyl ether	<5.0	ug/L		
Chloroform	<5.0	ug/L		
Chloromethane	<5.0	ug/L		
Dibromochloromethane	<5.0	ug/L		
1,2-Dichlorobenzene	<5.0	ug/L		
1,3-Dichlorobenzene	<5.0	ug/L		
1,4-Dichlorobenzene	<5.0	ug/L		
1,1-Dichloroethane	<5.0	ug/L		
1,2-Dichloroethane	<5.0	ug/L		
1,1-Dichloroethene	<5.0	ug/L		
trans-1,2-Dichloroethene	<5.0	ug/L		
1,2-Dichloropropane	<5.0	ug/L		
cis-1,3-Dichloropropene	<5.0	ug/L		
trans-1,3-Dichloropropene	<5.0	ug/L		
Ethylbenzene	<5.0	ug/L		
2-Hexanone	<5.0	ug/L		
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L		
Methylene Chloride	<5.0	ug/L		
Styrene	<5.0	ug/L		
1,1,2,2-Tetrachloroethane	<5.0	ug/L		
Tetrachloroethene	<5.0	ug/L		
Toluene	<5.0	ug/L		
1,1,1-Trichloroethane	<5.0	ug/L		
1,1,2-Trichloroethane	<5.0	ug/L		
Trichloroethene	<5.0	ug/L		
Trichlorofluoromethane	<5.0	ug/L		
Vinyl Acetate	<5.0	ug/L		
Vinyl Chloride	<5.0	ug/L		
m-Xylene	<5.0	ug/L		
o-Xylene	<5.0	ug/L		
p-Xylene	<5.0	ug/L		

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/24/1991

Report To: Wehran Engineering

NET Job No: 91.1818

Project: GE Wilmington

Date Rec'd: 10/03/1991

Sample ID: GEW-GW-WL7-036

NET Sample No: 28324

Parameter	Result	Units	Analysis Date	Analyst

TCL Volatiles by GC/MS 624 AQ				
Acetone	<5.0	ug/L	10/09/1991	mfw
Benzene	<5.0	ug/L		
Bromodichloromethane	<5.0	ug/L		
Bromoform	<5.0	ug/L		
Bromomethane	<5.0	ug/L		
2-Butanone (MEK)	<5.0	ug/L		
Carbon Disulfide	<5.0	ug/L		
Carbon Tetrachloride	<5.0	ug/L		
Chlorobenzene	<5.0	ug/L		
Chloroethane	<5.0	ug/L		
2-Chloroethylvinyl ether	<5.0	ug/L		
Chloroform	<5.0	ug/L		
Chloromethane	<5.0	ug/L		
Dibromochloromethane	<5.0	ug/L		
1,2-Dichlorobenzene	<5.0	ug/L		
1,3-Dichlorobenzene	<5.0	ug/L		
1,4-Dichlorobenzene	<5.0	ug/L		
1,1-Dichloroethane	<5.0	ug/L		
1,2-Dichloroethane	<5.0	ug/L		
1,1-Dichloroethane	<5.0	ug/L		
trans-1,2-Dichloroethane	<5.0	ug/L		
1,2-Dichloropropene	<5.0	ug/L		
cis-1,3-Dichloropropene	<5.0	ug/L		
trans-1,3-Dichloropropene	<5.0	ug/L		
Ethylbenzene	<5.0	ug/L		
2-Hexanone	<5.0	ug/L		
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L		
Methylene Chloride	<5.0	ug/L		
Styrene	<5.0	ug/L		
1,1,2,2-Tetrachloroethane	<5.0	ug/L		
Tetrachloroethane	<5.0	ug/L		
Toluene	<5.0	ug/L		
1,1,1-Trichloroethane	<5.0	ug/L		
1,1,2-Trichloroethane	<5.0	ug/L		
Trichloroethane	<5.0	ug/L		
Trichlorofluoromethane	<5.0	ug/L		
Vinyl Acetate	<5.0	ug/L		
Vinyl Chloride	<5.0	ug/L		
m-Xylene	<5.0	ug/L		
o-Xylene	<5.0	ug/L		
p-Xylene	<5.0	ug/L		

NET

NET Atlantic, Cambridge Division

QUALITY CONTROL DATA

Client: Wehran Engineering

NET Job No: 91.1818

Project:

Report Date: 10/24/1991

Surrogate Standard Percent Recovery

Abbreviated Surrogate Standard Names:

SS1	SS2	SS3	SS4	SS5	SS6	SS7	SS8	SS9	SS10	SS11	SS12
Bromofl	1,2-Dic	Toluene	Bromofl	1,2-Dic	Toluene	2-Fluor	Phenol-	2,4,6-T	2-Fluor	Nitroben	p-Terph

Sample ID	NET ID	Matrix	Percent Recovery									SS10	SS11	SS12
			SS1	SS2	SS3	SS4	SS5	SS6	SS7	SS8	SS9			
GEW-SO-WL1-033	28283	SO				67	91	126	DIL	DIL	DIL	DIL	DIL	DIL
GEW-SO-WL2-030	28308	SO				70	100	174	DIL	DIL	DIL	DIL	DIL	DIL
GEW-SO-WL3-028	28309	SO				115	117	132	85	94	152	105	95	108
GEW-SO-WL4-026	28310	SO				94	139	174	92	99	138	102	103	113
GEW-SO-WL5-024	28311	SO				95	104	104	84	93	143	96	94	107
GEW-SW-WL1-032	28312	SW	93	110	105									
GEW-SW-WL2-029	28313	SW	98	103	98									
GEW-SW-WL3-027	28314	SW	90	97	90									
GEW-SW-WL4-025	28315	SW	100	110	100									
GEW-SW-WL5-023	28316	SW	93	103	94									
GEW-GW-WL6-031	28323	GW	95	101	93									
GEW-GW-WL7-036	28324	GW	95	104	96									

Notes:

NR - This surrogate standard is Not Required. Future versions of the test method will require this surrogate standard.
 Dil - This surrogate standard was diluted to below detectable levels due to concentrations of analytes in this sample.

Complete Surrogate Standard Names Listed by Analysis:

Pesticide Surrogate Standards:

Docachl = Decachlorobiphenyl (NR)

Dibutyl = Dibutylchloroendate

Tetrach = Tetrachlorobiphenyl (NR)

Volatile Surrogate Standards:

Bromofl = Bromofluorobenzene

1,2-Dichl = 1,2-Dichloroethane-d4

Toluene = Toluene-d8

Semivolatile Surrogate Standards:

2-Fluor (1st) = 2-Fluorobiphenyl

Phenol- = Phenol-d6

2,4,6-T = 2,4,6-Tribromophenol

2-Fluor (2nd) = 2-Fluorophenol

Nitroben = Nitrobenzene-d5

p-Terph = p-Terphenyl

Herbicides Surrogate Standard:

2,4-Dic = 2,4-Dichlorophenyl acetic acid

Petroleum Hydrocarbon Fingerprint Surrogate Standard:

2-Fluor = 2-Fluorobiphenyl

para-Te = para-Terphenyl

NET

NET Atlantic, Cambridge Division
BATCH QUALITY CONTROL DATA

Report To: Wehran Engineering

NET Job No: 91.1818

Program:

Report Date: 10/18/1991

Parameter		LCS % Recovery	Method Blank	Spike % Recovery	Sample (Run 1)	Duplicate (Run 2)	Analyst
BOD - 5 day	AQ	121.20	<2.0	NA	1300	1300	mhc
Chemical Oxygen Demand	AQ	97.00	<10	102.00	67	63	vkk
Nitrate-IC	AQ	93.50	<0.10	100.70	<0.10	<0.10	tam
Phosphorus-Total	AQ	100.00	<0.010	100.00	1.3	1.4	tam
Total Organic Carbon, TOC	AQ	102.80	<0.10	105.40	<0.10	<0.10	tam
Total Organic Carbon, TOC	AQ			106.10	0.11	0.10	
Total Organic Carbon (TOC)	S	99.50	<5.0	99.00	10000	10700	tam

Note: BOD LCS Recovery 1% out of 20% window
 10/18/91

 Please note that the data reported for the Duplicates and Spikes were analyzed in the same batch, but may not necessarily be that of your sample.

LCS - Laboratory Control Sample

PRELIMINARY REPORT

NET

QC SUMMARY FOR INORGANICS REPORT: LAB CONTROL STANDARDS

NET-CAMBRIDGE DIVISION

Date of report: 07/26/91

Work ID:

SDG/ Batch: 91.1818

Page: 2

Standard: LCSHNO3 2114CS (Solid)					LCSHCL 302BCW (Liquid)			
	True	Found	Units	% R	True	Found	Units	% R
Element								
Ag								
Al								
As	0.020	0.018	mg/L	90				
B								
Ba								
Be								
Ca					5.0	5.0	mg/L	100
Cd								
Cr								
Cu								
Fe					1.0	1.0	mg/L	100
Hg								
Mg					1.0	1.0	mg/L	100
Mn					1.0	0.99	mg/L	99
Mo								
Na								
Ni								
Pb								
Sb								
Se	0.010	0.0090	mg/L	90				
Tl	0.050	0.052	mg/L	104				
V								
Zn								

See 10/22/91 rev

1251

QC SUMMARY FOR INORGANICS REPORT: PRE-DIGESTION SPIKES

NET-CAMBRIDGE DIVISION

Date of report: 07/26/91

Work ID:

SDG/ Batch: 91.1818

Page: 3

Spike: 1883-28745 (Aqueous)

	Sample	Spike	Added	%Recovery
Element				
Ag				
Al				
As				
B				
Ba				
Be				
Ca	18 mg/L	44	25.0	104
Cd				
Cr				
Cu				
Fe	1.5 mg/L	2.5	1.0	
Hg				
Mg	4.8 mg/L	15	10	102
Mn	0.35 mg/L	0.85	0.500	100
Mo				
Na				
Ni				
Pb				
Sb				
Se				
Tl				
V				
Zn				

QC SUMMARY FOR INORGANICS REPORT: DUPLICATES

NET-CAMBRIDGE DIVISION

Date of report: 07/26/91

Work ID:

SDG/ Batch: 91.1818

Page:

1

Duplicate: 1818-28311 (Solid)					1887-28751 (Aqueous)		
% solids:	Sample 67	Duplicate 67	%RPD		Sample	Duplicate	%RPD
<u>Element</u>							
Ag	26.0	26.0	mg/Kg	---			
As	11	8.9	mg/Kg	21			
Be	0.85	0.85	mg/Kg	0			
Cd	2.5	3.3	mg/Kg	28	17	17	---
Cr	22	19	mg/Kg	15			
Cu	15	8.9	mg/Kg	51			
Fe					0.51	0.50	2
Hg	< 0.14	< 0.14	mg/Kg	---			
Mg					2.8	2.7	4
Mn					0.13	0.13	mg/L 0
Ni	18	8.4	mg/Kg	73			
Pb	59	35	mg/Kg	51			
Sb	18	< 9.1	mg/Kg	200			
Se	< 0.60	< 0.60	mg/Kg	---			
Tl	< 0.60	< 0.60	mg/Kg	---			
Zn	35	32	mg/Kg	9			

* Samples with values $\geq 8 \times$ the MOL have a control limit of $\pm$ the MOL.
 MOL Cd = 0.005 mg/L $\approx$ 1.52 mg/Kg.
 As = 0.010 mg/L = 3.01 mg/Kg
 Sb = 0.060 mg/L = 18.2 mg/Kg

* Sample nonhomogeneity indicated

10/22/91 km

QC SUMMARY FOR INORGANICS REPORT: PRE-DIGESTION SPIKES

NET-CAMBRIDGE DIVISION

Date of report: 07/26/91

Work ID:

SDG/ Batch: 91.1818

Page: 2

Spike: 1818-28311 (Solid)

	Sample	Spike	Added	%Recovery
Element				
* Ag	40.020 mg/L	0.084	0.050	168
As	0.035 mg/L	0.065	0.040	75
Be	0.0029 mg/L	0.054	0.050	102
Cd	0.0083 mg/L	0.050	0.050	83
Cr	0.074 mg/L	0.26	0.200	93
Cu	0.049 mg/L	0.30	0.250	100
Hg	35 mg/L <0.00020 mg/L	41 0.0011	0.001	110
Ni	0.059 mg/L	0.55	0.500	98
Pb	0.20 mg/L	0.69	0.500	98
* Sb	0.060 mg/L	0.25	0.500	38
Se	< 0.0020 mg/L	0.0094	0.010	94
Tl	< 0.0020 mg/L	0.047	0.050	94
Zn	0.12 mg/L	0.64	0.500	104

* Matrix interference indicated

10/22/91 *ew*

NET

QC SUMMARY FOR INORGANICS REPORT: LAB CONTROL STANDARDS

NET-CAMBRIDGE DIVISION

Date of report: 07/26/91

Work ID:

SDG/ Batch: 91.1818

Page: 1

Standard:	LCSHCL 2114CS (Solid)				LCSHG 2114CS (Solid)			
	True	Found	Units	% R	True	Found	Units	% R
Element								
Ag	1.0	0.49	mg/L	49				
Al								
As								
B								
Ba								
Be	0.20	0.19	mg/L	95				
Ca								
Cd	1.0	0.92	mg/L	92				
Cr	1.0	0.97	mg/L	97				
Cu	1.0	1.0	mg/L	100				
Fe								
Hg					0.0040	0.0040	mg/L	100
Mg								
Mn								
Mo								
Na								
Ni	1.0	1.0	mg/L	100				
Pb	1.0	0.95	mg/L	95				
Sb	1.0	1.1	mg/L	110				
Se								
Tl								
V								
Zn	1.00	0.97	mg/L	97				

* Ag LCS low probably due to the presence of HCl.
IDL increased to 0.020 ppm

10/22/91 ew

QC SUMMARY FOR INORGANICS REPORT: DIGESTION BLANKS

NET-CAMBRIDGE DIVISION

Date of report: 07/26/91

Work ID:

SDG/ Batch: 91.1818

Page: 4

Blank: 2114CS 302BCW
Found, mg/L Found, mg/L

Element

Ag	< 0.020	
As	< 0.0030	
Be	< 0.0010	
Ca		0.093
Cd	< 0.0030	
Cr	0.0089	
Cu	0.0096	
Fe	0.032	0.033
Hg	< 0.00020	
Mg		0.050
Mn		0.0030
Ni	< 0.0050	
Pb	< 0.10	
Sb	0.066	
Se	< 0.0020	
Tl	< 0.0020	
Zn	0.0093	

10/22/91 em

AXIPHA/AXIPHS SAMPLE WORKSHEET

Analysis Date: 10/18/91

Calibration $y = 0.0202 x + 0.0156$
slope intercept

Det. Lim.
2.0 mg/L for 1 L water
100 mg/kg for 20 g soil

To Use:

Enter the Date.
Enter the calibration co
Enter the sample NET ID.
Enter the medium ("a" fo
Enter the XT data.
Enter the sample amount
Enter the Dilution Facto
Your results are then ca

y=absorbance x=concentration (mg/100mL extract)

NET ID	Medium XT (a/s)	Abs	mg	Wet wt.	% solid	Sample	Dil	Blk	Det. Lim.	Conc.	% Rec.	XT 3660	A 3660	
91.1948-bk1s	s	98	0.009	-0.34	30.30 g	100	0.03 kg	1	0	66	0.00 mg/kg	100	0.000	
-lcs	s	32	0.495	23.68	30.00 g	100	0.03 kg	1	0	67	789.37 mg/kg	76%	100	0.000
-28922	s	97	0.013	-0.12	30.40 g	89	0.03 kg	1	0	74	0.00 mg/kg	100	0.000	
-28923	s	97	0.013	-0.12	30.20 g	97	0.03 kg	1	0	68	0.00 mg/kg	100	0.000	
91.1710-bk1s	s	96	0.018	0.11			1.00 L	1	0	2	0.11 mg/L	100	0.000	
-bk2s	s	97	0.013	-0.12			1.00 L	1	0	2	0.00 mg/L	100	0.000	
-lcs	s	46	0.337	15.89			1.00 L	1	0	2	15.89 mg/L	51%	100	0.000
-16466	s	96	0.018	0.11			0.82 L	1	0	2	0.13 mg/L	100	0.000	
-16467	s	96	0.018	0.11			0.76 L	1	0	3	0.14 mg/L	100	0.000	
91.1748-22261s	s	95	0.022	0.33			0.88 L	1	0	2	0.38 mg/L	100	0.000	
-22262	s	94	0.027	0.56			0.90 L	1	0	2	0.62 mg/L	100	0.000	
-22263	s	73	0.137	5.98			0.89 L	1	0	2	6.72 mg/L	100	0.000	
-22264	s	91	0.041	1.25			0.95 L	1	0	2	1.32 mg/L	100	0.000	
-22265	s	83	0.081	3.23			0.86 L	1	0	2	3.75 mg/L	100	0.000	
-22266	s	17	0.770	37.25			0.89 L	10	0	22	418.58 mg/L	100	0.000	
91.1818-28312s	s	97	0.013	-0.12			0.95 L	1	0	2	0.00 mg/L	100	0.000	
-28313	s	97	0.013	-0.12			0.95 L	1	0	2	0.00 mg/L	100	0.000	
-28314	s	95	0.022	0.33			0.96 L	1	0	2	0.35 mg/L	100	0.000	
-28315	s	99	0.004	-0.55			0.91 L	1	0	2	0.00 mg/L	100	0.000	
-28316	s	95	0.022	0.33			0.93 L	1	0	2	0.36 mg/L	100	0.000	
-28317	s	99	0.004	-0.55			0.82 L	1	0	2	0.00 mg/L	100	0.000	
-28318	s	83	0.081	3.23			0.93 L	1	0	2	3.47 mg/L	100	0.000	
-28319	s	79	0.102	4.29			0.91 L	1	0	2	4.71 mg/L	100	0.000	
-28320	s	96	0.018	0.11			0.93 L	1	0	2	0.11 mg/L	100	0.000	
-28321	s	26	0.585	28.14			0.87 L	20	0	46	646.82 mg/L	100	0.000	
-28322	s	96	0.018	0.11			0.91 L	1	0	2	0.12 mg/L	100	0.000	

NET

AXIPHA/AXIPHS SAMPLE WORKSHEET

Analysis Date: 10/11/91

Calibration $y = 0.0196x + 0.0137$
slope intercept

Det. Lim.
2.0 mg/L for 1 L water
100 mg/kg for 20 g soil

To Use:
Enter the Date.
Enter the calib
Enter the sampl
Enter the mediu
Enter the XT da
Enter the sampl
Enter the Dilut
Your results ar

y=absorbance x=concentration (mg/100mL extract)

NET ID	Medium XT (a/s)	Abs	mg	Wet wt.	% solid	Sample	Dil	Blk	Det. Lim.	Conc.	% Rec.	XT 3660	A 3660
91.1818-bk1s	s	97 0.013	-0.02	30.00 g	100	0.03 kg	1	0	67	0.00 mg/kg		100	0.000
-lcs	s	32 0.495	24.52	30.00 g	100	0.03 kg	1	0	67	817.36 mg/kg	79%	100	0.000
-28283	s	51 0.292	14.20	30.00 g	18	0.01 kg	1	0	370	2630.52 mg/kg		100	0.000
-28308	s	80 0.097	4.24	30.00 g	13	0.005kg	1	0	513	1087.31 mg/kg		100	0.000
-28309	s	36 0.444	21.91	30.00 g	79	0.02 kg	1	0	84	924.64 mg/kg		100	0.000
-28310	s	91 0.041	1.39	30.00 g	14	0.005kg	1	0	476	330.72 mg/kg		100	0.000
-28311	s	93 0.032	0.91	30.00 g	53	0.02 kg	1	0	126	57.10 mg/kg		100	0.000
91.1708-bk1a	a	90 0.046	1.63			1.00 L	1	0	2	1.63 mg/L		100	0.000
-bk2a	a	88 0.056	2.13			1.00 L	1	0	2	2.13 mg/L		100	0.000
-lcs	a	48 0.319	15.55			1.00 L	1	0	2	15.55 mg/L	50%	100	0.000
-16447	a	87 0.060	2.38			0.99 L	1	0	2	2.41 mg/L		100	0.000
-16448	a	86 0.048	1.74			0.90 L	1	0	2	1.93 mg/L		96	0.018
-16449	a	93 -0.029	-2.17			0.70 L	1	0	3	0.00 mg/L		87	0.060
-16450	a	88 0.056	2.13			0.81 L	1	0	2	2.63 mg/L		100	0.000
-16451	a	78 0.108	4.80			0.79 L	1	0	3	6.08 mg/L		100	0.000

mfd 10/14/91

NET Atlantic, Cambridge Division

QUALITY CONTROL DATA

Report To: Wehran Engineering

NET Job No: 91.1818

Project:

Report Date : 10/24/1991

Method Blank Analysis Data

Test Name	Result	Units	Run Batch	Run Date	Analyst Initials

TCL Volatiles by GC/MS 8240 S					
Bromofluorobenzene	88	% recov.	58	10/10/1991	dry
1,2-Dichloroethane-d6	92	% recov.	58	10/10/1991	dry
Toluene-d8	92	% recov.	58	10/10/1991	dry
Acetone	<5.0	ug/Kg	58	10/10/1991	dry
Benzene	<5.0	ug/Kg	58	10/10/1991	dry
Bromodichloromethane	<5.0	ug/Kg	58	10/10/1991	dry
Bromoform	<5.0	ug/Kg	58	10/10/1991	dry
Bromomethane	<5.0	ug/Kg	58	10/10/1991	dry
2-Butanone (MEK)	<5.0	ug/Kg	58	10/10/1991	dry
Carbon Disulfide	<5.0	ug/Kg	58	10/10/1991	dry
Carbon Tetrachloride	<5.0	ug/Kg	58	10/10/1991	dry
Chlorobenzene	<5.0	ug/Kg	58	10/10/1991	dry
Chloroethane	<5.0	ug/Kg	58	10/10/1991	dry
2-Chloroethylvinyl ether	<5.0	ug/Kg	58	10/10/1991	dry
Chloroform	<5.0	ug/Kg	58	10/10/1991	dry
Chloromethane	<5.0	ug/Kg	58	10/10/1991	dry
Dibromochloromethane	<5.0	ug/Kg	58	10/10/1991	dry
1,2-Dichlorobenzene	<5.0	ug/Kg	58	10/10/1991	dry
1,3-Dichlorobenzene	<5.0	ug/Kg	58	10/10/1991	dry
1,4-Dichlorobenzene	<5.0	ug/Kg	58	10/10/1991	dry
1,1-Dichloroethane	<5.0	ug/Kg	58	10/10/1991	dry
1,2-Dichloroethane	<5.0	ug/Kg	58	10/10/1991	dry
1,1-Dichloroethene	<5.0	ug/Kg	58	10/10/1991	dry
trans-1,2-Dichloroethene	<5.0	ug/Kg	58	10/10/1991	dry
1,2-Dichloropropene	<5.0	ug/Kg	58	10/10/1991	dry
cis-1,3-Dichloropropene	<5.0	ug/Kg	58	10/10/1991	dry
trans-1,3-Dichloropropene	<5.0	ug/Kg	58	10/10/1991	dry
Ethylbenzene	<5.0	ug/Kg	58	10/10/1991	dry
2-Hexanone	<5.0	ug/Kg	58	10/10/1991	dry
4-Methyl-2-pentanone (MIBK)	<5.0	ug/Kg	58	10/10/1991	dry
Methylene Chloride	<5.0	ug/Kg	58	10/10/1991	dry
Styrene	<5.0	ug/Kg	58	10/10/1991	dry
1,1,2,2-Tetrachloroethane	<5.0	ug/Kg	58	10/10/1991	dry
Tetrachloroethene	<5.0	ug/Kg	58	10/10/1991	dry
Toluene	<5.0	ug/Kg	58	10/10/1991	dry
1,1,1-Trichloroethane	<5.0	ug/Kg	58	10/10/1991	dry
1,1,2-Trichloroethane	<5.0	ug/Kg	58	10/10/1991	dry
Trichloroethene	<5.0	ug/Kg	58	10/10/1991	dry
Trichlorofluoromethane	<5.0	ug/Kg	58	10/10/1991	dry
Vinyl Acetate	<5.0	ug/Kg	58	10/10/1991	dry
Vinyl Chloride	<5.0	ug/Kg	58	10/10/1991	dry
m-Xylene	<5.0	ug/Kg	58	10/10/1991	dry
o-Xylene	<5.0	ug/Kg	58	10/10/1991	dry

NET Atlantic, Cambridge Division

QUALITY CONTROL DATA

Report To: Wehran Engineering

NET Job No: 91.1818

Project:

Report Date : 10/24/1991

Method Blank Analysis Data

Test Name	Result	Units	Run Batch	Run Date	Analyst Initials
TCL Volatiles by GC/MS 8240 3					
Bromofluorobenzene	89	% recov.	59	10/15/1991	dry
1,2-Dichloroethane-d4	91	% recov.	59	10/15/1991	dry
Toluene-d8	92	% recov.	59	10/15/1991	dry
Acetone	<5.0	ug/Kg	59	10/15/1991	dry
Benzene	<5.0	ug/Kg	59	10/15/1991	dry
Bromodichloromethane	<5.0	ug/Kg	59	10/15/1991	dry
Bromoform	<5.0	ug/Kg	59	10/15/1991	dry
Bromomethane	<5.0	ug/Kg	59	10/15/1991	dry
2-Butanone (MEK)	<5.0	ug/Kg	59	10/15/1991	dry
Carbon Disulfide	<5.0	ug/Kg	59	10/15/1991	dry
Carbon Tetrachloride	<5.0	ug/Kg	59	10/15/1991	dry
Chlorobenzene	<5.0	ug/Kg	59	10/15/1991	dry
Chloroethane	<5.0	ug/Kg	59	10/15/1991	dry
2-Chloroethylvinyl ether	<5.0	ug/Kg	59	10/15/1991	dry
Chloroform	<5.0	ug/Kg	59	10/15/1991	dry
Chloromethane	<5.0	ug/Kg	59	10/15/1991	dry
Dibromochloromethane	<5.0	ug/Kg	59	10/15/1991	dry
1,2-Dichlorobenzene	<5.0	ug/Kg	59	10/15/1991	dry
1,3-Dichlorobenzene	<5.0	ug/Kg	59	10/15/1991	dry
1,4-Dichlorobenzene	<5.0	ug/Kg	59	10/15/1991	dry
1,1-Dichloroethane	<5.0	ug/Kg	59	10/15/1991	dry
1,2-Dichloroethane	<5.0	ug/Kg	59	10/15/1991	dry
1,1-Dichloroethene	<5.0	ug/Kg	59	10/15/1991	dry
trans-1,2-Dichloroethene	<5.0	ug/Kg	59	10/15/1991	dry
1,2-Dichloropropene	<5.0	ug/Kg	59	10/15/1991	dry
cis-1,3-Dichloropropene	<5.0	ug/Kg	59	10/15/1991	dry
trans-1,3-Dichloropropene	<5.0	ug/Kg	59	10/15/1991	dry
Ethylbenzene	<5.0	ug/Kg	59	10/15/1991	dry
2-Hexanone	<5.0	ug/Kg	59	10/15/1991	dry
4-Methyl-2-pentanone (MIBK)	<5.0	ug/Kg	59	10/15/1991	dry
Methylene Chloride	<5.0	ug/Kg	59	10/15/1991	dry
Styrene	<5.0	ug/Kg	59	10/15/1991	dry
1,1,2,2-Tetrachloroethane	<5.0	ug/Kg	59	10/15/1991	dry
Tetrachloroethene	<5.0	ug/Kg	59	10/15/1991	dry
Toluene	<5.0	ug/Kg	59	10/15/1991	dry
1,1,1-Trichloroethane	<5.0	ug/Kg	59	10/15/1991	dry
1,1,2-Trichloroethane	<5.0	ug/Kg	59	10/15/1991	dry
Trichloroethene	<5.0	ug/Kg	59	10/15/1991	dry
Trichlorofluoromethane	<5.0	ug/Kg	59	10/15/1991	dry
Vinyl Acetate	<5.0	ug/Kg	59	10/15/1991	dry
Vinyl Chloride	<5.0	ug/Kg	59	10/15/1991	dry
m-Xylene	<5.0	ug/Kg	59	10/15/1991	dry
o-Xylene	<5.0	ug/Kg	59	10/15/1991	dry

NET Atlantic, Cambridge Division

QUALITY CONTROL DATA

Report To: Wehran Engineering

NET Job No: 91.1818

Project:

Report Date : 10/24/1991

Method Blank Analysis Data

Test Name	Result	Units	Run Batch	Run Date	Analyst Initials
TCL Volatiles by GC/MS 624 AQ					
Bromofluorobenzene	99	% recov.	215	10/09/1991	mfu
1,2-Dichloroethane-d4	108	% recov.	215	10/09/1991	mfu
Toluene-d8	99	% recov.	215	10/09/1991	mfu
Acetone	<5.0	ug/L	215	10/09/1991	mfu
Benzene	<5.0	ug/L	215	10/09/1991	mfu
Bromodichloromethane	<5.0	ug/L	215	10/09/1991	mfu
Bromoform	<5.0	ug/L	215	10/09/1991	mfu
Bromomethane	<5.0	ug/L	215	10/09/1991	mfu
2-Butanone (MEK)	<5.0	ug/L	215	10/09/1991	mfu
Carbon Disulfide	<5.0	ug/L	215	10/09/1991	mfu
Carbon Tetrachloride	<5.0	ug/L	215	10/09/1991	mfu
Chlorobenzene	<5.0	ug/L	215	10/09/1991	mfu
Chloroethane	<5.0	ug/L	215	10/09/1991	mfu
2-Chloroethylvinyl ether	<5.0	ug/L	215	10/09/1991	mfu
Chloroform	<5.0	ug/L	215	10/09/1991	mfu
Chloromethane	<5.0	ug/L	215	10/09/1991	mfu
Dibromochloromethane	<5.0	ug/L	215	10/09/1991	mfu
1,2-Dichlorobenzene	<5.0	ug/L	215	10/09/1991	mfu
1,3-Dichlorobenzene	<5.0	ug/L	215	10/09/1991	mfu
1,4-Dichlorobenzene	<5.0	ug/L	215	10/09/1991	mfu
1,1-Dichloroethane	<5.0	ug/L	215	10/09/1991	mfu
1,2-Dichloroethane	<5.0	ug/L	215	10/09/1991	mfu
1,1-Dichloroethene	<5.0	ug/L	215	10/09/1991	mfu
trans-1,2-Dichloroethene	<5.0	ug/L	215	10/09/1991	mfu
1,2-Dichloropropane	<5.0	ug/L	215	10/09/1991	mfu
cis-1,3-Dichloropropene	<5.0	ug/L	215	10/09/1991	mfu
trans-1,3-Dichloropropene	<5.0	ug/L	215	10/09/1991	mfu
Ethylbenzene	<5.0	ug/L	215	10/09/1991	mfu
2-Hexanone	<5.0	ug/L	215	10/09/1991	mfu
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	215	10/09/1991	mfu
Methylene Chloride	<5.0	ug/L	215	10/09/1991	mfu
Styrene	<5.0	ug/L	215	10/09/1991	mfu
1,1,2,2-Tetrachloroethane	<5.0	ug/L	215	10/09/1991	mfu
Tetrachloroethene	<5.0	ug/L	215	10/09/1991	mfu
Toluene	<5.0	ug/L	215	10/09/1991	mfu
1,1,1-Trichloroethane	<5.0	ug/L	215	10/09/1991	mfu
1,1,2-Trichloroethane	<5.0	ug/L	215	10/09/1991	mfu
Trichloroethene	<5.0	ug/L	215	10/09/1991	mfu
Trichlorofluoromethane	<5.0	ug/L	215	10/09/1991	mfu
Vinyl Acetate	<5.0	ug/L	215	10/09/1991	mfu
Vinyl Chloride	<5.0	ug/L	215	10/09/1991	mfu
m-Xylene	<5.0	ug/L	215	10/09/1991	mfu
o-Xylene	<5.0	ug/L	215	10/09/1991	mfu

NET Atlantic, Cambridge Division

QUALITY CONTROL DATA

Report To: Wehran Engineering

NET Job No: 91.1818

Project:

Report Date : 10/24/1991

Method Blank Analysis Data

Test Name	Result	Units	Run Batch	Run Date	Analyst Initials
TCL Volatiles by GC/MS 624 A9					
Bromofluorobenzene	100	% recov.	217	10/11/1991	mfu
1,2-Dichloroethane-d4	111	% recov.	217	10/11/1991	mfu
Toluene-d8	101	% recov.	217	10/11/1991	mfu
Acetone	<5.0	ug/L	217	10/11/1991	mfu
Benzene	<5.0	ug/L	217	10/11/1991	mfu
Bromodichloromethane	<5.0	ug/L	217	10/11/1991	mfu
Bromoform	<5.0	ug/L	217	10/11/1991	mfu
Bromomethane	<5.0	ug/L	217	10/11/1991	mfu
2-Butanone (MEK)	<5.0	ug/L	217	10/11/1991	mfu
Carbon Disulfide	<5.0	ug/L	217	10/11/1991	mfu
Carbon Tetrachloride	<5.0	ug/L	217	10/11/1991	mfu
Chlorobenzene	<5.0	ug/L	217	10/11/1991	mfu
Chloroethane	<5.0	ug/L	217	10/11/1991	mfu
2-Chloroethylvinyl ether	<5.0	ug/L	217	10/11/1991	mfu
Chloroform	<5.0	ug/L	217	10/11/1991	mfu
Chloromethane	<5.0	ug/L	217	10/11/1991	mfu
Dibromochloromethane	<5.0	ug/L	217	10/11/1991	mfu
1,2-Dichlorobenzene	<5.0	ug/L	217	10/11/1991	mfu
1,3-Dichlorobenzene	<5.0	ug/L	217	10/11/1991	mfu
1,4-Dichlorobenzene	<5.0	ug/L	217	10/11/1991	mfu
1,1-Dichloroethane	<5.0	ug/L	217	10/11/1991	mfu
1,2-Dichloroethane	<5.0	ug/L	217	10/11/1991	mfu
1,1-Dichloroethene	<5.0	ug/L	217	10/11/1991	mfu
trans-1,2-Dichloroethene	<5.0	ug/L	217	10/11/1991	mfu
1,2-Dichloropropane	<5.0	ug/L	217	10/11/1991	mfu
cis-1,3-Dichloropropene	<5.0	ug/L	217	10/11/1991	mfu
trans-1,3-Dichloropropene	<5.0	ug/L	217	10/11/1991	mfu
Ethylbenzene	<5.0	ug/L	217	10/11/1991	mfu
2-Hexanone	<5.0	ug/L	217	10/11/1991	mfu
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	217	10/11/1991	mfu
Methylene Chloride	<5.0	ug/L	217	10/11/1991	mfu
Styrene	<5.0	ug/L	217	10/11/1991	mfu
1,1,2,2-Tetrachloroethane	<5.0	ug/L	217	10/11/1991	mfu
Tetrachloroethane	<5.0	ug/L	217	10/11/1991	mfu
Toluene	<5.0	ug/L	217	10/11/1991	mfu
1,1,1-Trichloroethane	<5.0	ug/L	217	10/11/1991	mfu
1,1,2-Trichloroethane	<5.0	ug/L	217	10/11/1991	mfu
Trichloroethane	<5.0	ug/L	217	10/11/1991	mfu
Trichlorofluoromethane	<5.0	ug/L	217	10/11/1991	mfu
Vinyl Acetate	<5.0	ug/L	217	10/11/1991	mfu
Vinyl Chloride	<5.0	ug/L	217	10/11/1991	mfu
m-Xylene	<5.0	ug/L	217	10/11/1991	mfu
o-Xylene	<5.0	ug/L	217	10/11/1991	mfu

JET

**NATIONAL
ENVIRONMENTAL
TESTING, INC.**

NET Atlantic, Inc., Cambridge Division, 12 Oak Park, Bedford, MA 01730.
Formerly Cambridge Analytical Associates, Inc.

9/18/88

Craig Durvett

(Print Name)

(Print Name)

Craig P. Smith

Signature

Signature _____

SAMPLE
MATRIX

SIZE GP

[illegible]

Disinquired by,

Relinquished by: *[Signature]*

Date / Time	Wed 5 15:27
-------------	-------------

Received by: 122

Relinquished by:	Relinquished by:
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Date / Time		Date / Time
-------------	--	-------------

Received by:

Method of Shipment

TEN

CHAIN OF CUSTODY RECORD

PROJECT NAME GE-Wilmington
 COMPANY Wehran
 ADDRESS 8 Riverside Drive Andover Mass
 PHONE (508) 882-1980



NATIONAL
ENVIRONMENTAL
TESTING, INC.

NET Atlantic, Inc., Cambridge Division, 12 Oak Park, Bedford, MA 01730
 Formerly Cambridge Analytical Associates, Inc.

91.1818

SAMPLED BY

Craig Duratt

(Print Name) Signature

Craig Duratt

(Print Name) Signature

SAMPLE NO	DATE TIME	SAMPLE LOCATION	CONTAINER SIZE G P	SAMPLE PRESERVATIVE MATRIX	ANALYSES									
					Volatile Organics	Metals	Phenols	Cyanide	Chloride	Ammonia	NO ₃ -N	NO ₂ -N	Ammonia	Comments

1	11/24	GEW-SW-WL1-032	3	Soil	X	X	X	X	X	X	X	X	X	X 3 containers
2	11/24	GEW-SW-WL1-032	2	Water	X	X	X	X	X	X	X	X	X	
3	11/24	GEW-SD-WL2-030	3	Soil	X	X	X	X	X	X	X	X	X	
4	11/24	GEW-SW-WL2-029	2	Water	X	X	X	X	X	X	X	X	X	
5	11/24	GEW-SD-WL3-028	3	Soil	X	X	X	X	X	X	X	X	X	
6	11/24	GEW-SW-WL3-027	2	Water	X	X	X	X	X	X	X	X	X	
7	11/24	GEW-SD-WL4-026	3	Soil	X	X	X	X	X	X	X	X	X	
8	11/24	GEW-SW-WL4-025	2	Water	X	X	X	X	X	X	X	X	X	
9	11/24	GEW-SD-WL5-024	3	Soil	X	X	X	X	X	X	X	X	X	
10	11/24	GEW-SW-WL5-023	2	Water	X	X	X	X	X	X	X	X	X	

Relinquished by:	Date / Time	Received by:	Date / Time	Relinquished by:	Date / Time	Received by:	Date / Time
<u>Craig Duratt</u>	11-24-91 5pm	<u>Michael West</u>					
Relinquished by:	Date / Time	Received by:	Date / Time	Relinquished by:	Date / Time	Received by:	Date / Time

Method of Shipment

3 containers in 3 containers on 11/24/91



NET ATLANTIC, Cambridge Division

ANALYTICAL REPORT

Report To:

Mr. Eric Wood
Wehran Engineering
Andover Research Park
6 Riverside Dr. Suite 101
Andover, MA 01810-1121

Reported By:

National Environmental Testing
NET Atlantic, Incorporated
Cambridge Division
12 Oak Park
Bedford, MA 01730

Report Date: 10/25/1991**NET Job Number:** 91.2086**Project:** GE Wilmington**NET Client No:** 80100**P.O. No:****Collected By:****Shipped Via:****Job Description:** Petroleum Hydrocarbon Char**Airbill No:**

This report has been approved and certified for release by the following staff. Please feel free to call the NET Project Manager at 617-275-3535 with any questions or comments.


Elizabeth J. Adams
NET Project Manager


Michael F. Delaney, Ph.D.
Laboratory Director

Analytical data for the following samples are included in this data report.

SAMPLE ID	NET ID	DATE TAKEN	TIME TAKEN	DATE REC'D	MATRIX
GEW-S8-B2-002 15213	29531			10/18/1991	SO
GEW-S8-B4-003 15214	29532			10/18/1991	SO
GEW-S8-WE40-004 15215	29533 *			10/18/1991	SO
GEW-S8-WE2-005 15444	29534			10/18/1991	SO
GEW-S8-B16-007 15446	29535			10/18/1991	SO
GEW-B16-006 15445	29536			10/18/1991	SO
GEW-S2A-OF2-008 16257	29537			10/18/1991	SO
GEW-S38-OF2-009 16258	29538			10/18/1991	SO
GEW-S5A-OF1-010 16259	29539			10/18/1991	SO
GEW-S6A-OF1-011 16260	29540			10/18/1991	SO
GEW-S0-WL1-033 28283	29541			10/18/1991	SO
GEW-S0-WL2-030 28308	29542			10/18/1991	SO
GEW-S0-WL3-028 28309	29543			10/18/1991	SO
GEW-GW-103S-013 22263	29544			10/18/1991	GW
GEW-GW-DP6-016 22266	29545			10/18/1991	GW
GEW-GW-102S-034 28318	29546			10/18/1991	GW
GEW-GW-102D-035 28319	29547			10/18/1991	GW
GEW-GW-P22S-021 28321	29548			10/18/1991	GW
GEW-PR-105S-038	29549	10/18/1991	15:00	10/18/1991	OI
STANDARD GEW-PR-SS-037	29550	10/18/1991	14:30	10/18/1991	OI

* No extract remaining - not analyzed.

NET

The samples listed in this report were first extracted in freon for Total Petroleum Hydrocarbon (TPH) analysis. Results of those analyses were reported in previous reports to Wehran. As requested, the freon extracts were subsequently analyzed by gas chromatography to attempt to characterize them by comparing each to known standards of petroleum based compounds, including the client supplied standard of Stoddard Solvent.

The detection limit for these extracts is fifty times higher than the usual petroleum hydrocarbon analysis by gas chromatography (GC) as the TPH extracts are concentrated to 100 mLs as compared to the usual 1 mL utilized for GC.

The following samples had detectable levels of Stoddard Solvent:

Sample ID	NET ID	Result
GEW-PR-105S-038	29549	100 percent
GEW-SS-B2-002	29531	15000 ug/g
GEW-SS-B4-003	29532	49 ug/g
GEW-SS-B16-007	29535	23 ug/g
GEW-SS-B16-006	29536	4100 ug/g
GEW-GW-103S-013	29544	1300 ug/L
GEW-GW-DP6-016	29545	280000 ug/L
GEW-GW-PZ2S-021	29548	400000 ug/L

The sample identified as GEW-GW-WE2-005 (NET #29534) contained an estimated 1300 ug/L gasoline.

The following samples contain an indeterminate heavy weight petroleum product; but due to the high dilution of these extracts, a more definitive characterization and quantification cannot be determined.

Sample ID	NET ID
GEW-S2A-OF2-008	29537
GEW-S3B-OF2-009	29538
GEW-S5A-OF1-010	29539
GEW-S6A-OF1-011	29540
GEW-SD-WL1-033	29541
GEW-SD-WL2-030	29542
GEW-SD-WL3-028	29543

NET

NET Atlantic, Cambridge Division

QUALITY CONTROL DATA

Report To: Wahren Engineering

NET Job No: 91.2086

Project: Petroleum Hydrocarbon Char

Report Date: 10/28/1991

Method Blank Analysis Data

Test Name	Result	Units	Run Batch	Run Date	Analyst Initials
Petroleum (Fingerprint) Oil					
Coal Tar	<1	ug/g	2	10/24/1991	yht
Gasoline	<1	ug/g	2	10/24/1991	yht
Lubricating Oil	<1	ug/g	2	10/24/1991	yht
Mineral Spirits	<1	ug/g	2	10/24/1991	yht
Kerosene	<1	ug/g	2	10/24/1991	yht
#2 Fuel Oil/Diesel	<1	ug/g	2	10/24/1991	yht
#4 Fuel Oil	<1	ug/g	2	10/24/1991	yht
#6 Fuel Oil	<1	ug/g	2	10/24/1991	yht
Indeterminate Lightweight PHC	<1	ug/g	2	10/24/1991	yht
Indeterminate Midweight PHC	<1	ug/g	2	10/24/1991	yht

NET Atlantic, Cambridge Division

QUALITY CONTROL DATA

Report To: Wahren Engineering

NET Job No: 91.2086

Project: Petroleum Hydrocarbon Char

Report Date: 10/28/1991

Method Blank Analysis Data

Test Name	Result	Units	Run Batch	Run Date	Analyst Initials
Petroleum Fingerprint	AG				
2-Fluorobiphenyl	NR	ug/L	45	10/24/1991	yht
para-Terphenyl	NR	ug/L	45	10/24/1991	yht
Coal Tar	<5000.	ug/L	45	10/24/1991	yht
Gasoline	<5000.	ug/L	45	10/24/1991	yht
Lubricating Oil	<5000.	ug/L	45	10/24/1991	yht
Mineral Spirits	<5000.	ug/L	45	10/24/1991	yht
Kerosene	<5000.	ug/L	45	10/24/1991	yht
#2 Fuel Oil/Diesel	<5000.	ug/L	45	10/24/1991	yht
#4 Fuel Oil	<5000.	ug/L	45	10/24/1991	yht
#6 Fuel Oil	<5000.	ug/L	45	10/24/1991	yht
Indeterminate Lightweight PHC	<5000.	ug/L	45	10/24/1991	yht
Indeterminate Midweight PHC	<5000.	ug/L	45	10/24/1991	yht
Indeterminate Heavyweight PHC	<5000.	ug/L	45	10/24/1991	yht
Petroleum (Fingerprint)	S				
2-Fluorobiphenyl	86	% recov.	8	10/16/1991	yht
para-Terphenyl	84	% recov.	8	10/16/1991	yht
Coal Tar	<1	ug/g	8	10/16/1991	yht
Gasoline	<1	ug/g	8	10/16/1991	yht
Lubricating Oil	<1	ug/g	8	10/16/1991	yht
Mineral Spirits	<1	ug/g	8	10/16/1991	yht
Kerosene	<1	ug/g	8	10/16/1991	yht
#2 Fuel Oil/Diesel	<1	ug/g	8	10/16/1991	yht
#4 Fuel Oil	<1	ug/g	8	10/16/1991	yht
#6 Fuel Oil	<1	ug/g	8	10/16/1991	yht
Indeterminate Lightweight PHC	<1	ug/g	8	10/16/1991	yht
Indeterminate Midweight PHC	<1	ug/g	8	10/16/1991	yht
Indeterminate Heavyweight PHC	<1	ug/g	8	10/16/1991	yht
Total Product Concentration	<1	ug/g	8	10/16/1991	yht
Petroleum (Fingerprint)	S				
2-Fluorobiphenyl	NR	ug/g	8	10/24/1991	yht
para-Terphenyl	NR	ug/g	8	10/24/1991	yht
Coal Tar	<100.	ug/g	8	10/24/1991	yht
Gasoline	<100.	ug/g	8	10/24/1991	yht
Lubricating Oil	<100.	ug/g	8	10/24/1991	yht
Mineral Spirits	<100.	ug/g	8	10/24/1991	yht
Kerosene	<100.	ug/g	8	10/24/1991	yht
#2 Fuel Oil/Diesel	<100.	ug/g	8	10/24/1991	yht
#4 Fuel Oil	<100.	ug/g	8	10/24/1991	yht
#6 Fuel Oil	<100.	ug/g	8	10/24/1991	yht
Indeterminate Lightweight PHC	<100.	ug/g	8	10/24/1991	yht
Indeterminate Midweight PHC	<100.	ug/g	8	10/24/1991	yht
Indeterminate Heavyweight PHC	<100.	ug/g	8	10/24/1991	yht

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/25/1991

Report To: Mahrn Engineering

NET Job No: 91.2086

Project: GE Wilmington

Date Rec'd: 10/18/1991

Sample ID: GEW-PR-1058-038

NET Sample No: 29549

Parameter	Result	Units	Analysis Date	Analyst
Petroleum (Fingerprint)	Oil			
Stoddard Solvent	100	percent		

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/25/1991

Report To: Wahren Engineering

NET Job No: 91.2086

Project: GE Wilmington

Date Rec'd: 10/18/1991

Sample ID: GEW-GW-PZ28-021 28321

NET Sample No: 29548

Parameter	Result	Units	Analysis Date	Analyst
Petroleum Fingerprint	A0			
Coal Tar	<6000.	ug/L	10/24/1991	yht
Gasoline	<6000.	ug/L		
Lubricating Oil	<6000.	ug/L		
Mineral Spirits	<6000.	ug/L		
Kerosene	<6000.	ug/L		
#2 Fuel Oil/Diesel	<6000.	ug/L		
#4 Fuel Oil	<6000.	ug/L		
#6 Fuel Oil	<6000.	ug/L		
Indeterminate Lightweight PHC	<6000.	ug/L		
Indeterminate Midweight PHC	<6000.	ug/L		
Indeterminate Heavyweight PHC	<6000.	ug/L		
Stoddard Solvent	400000.	ug/L		
Total Product Concentration	400000.	ug/L		

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/25/1991

Report To: Wahren Engineering

NET Job No: 91.2086

Project: GE Wilmington

Date Rec'd: 10/18/1991

Sample ID: GEV-GW-1020-035 28319

NET Sample No: 29547

Parameter	Result	Units	Analysis Date	Analyst
Petroleum Fingerprint	AQ			
Coal Tar	<5000.	ug/L	10/24/1991	yht
Gasoline	<5000.	ug/L		
Lubricating Oil	<5000.	ug/L		
Mineral Spirits	<5000.	ug/L		
Kerosene	<5000.	ug/L		
#2 Fuel Oil/Diesel	<5000.	ug/L		
#4 Fuel Oil	<5000.	ug/L		
#6 Fuel Oil	<5000.	ug/L		
Indeterminate Lightweight PHC	<5000.	ug/L		
Indeterminate Midweight PHC	<5000.	ug/L		
Indeterminate Heavyweight PHC	<5000.	ug/L		
Total Product Concentration	<5000.	ug/L		

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/25/1991

Report To: Wehran Engineering

NET Job No: 91.2086

Project: GE Wilmington

Date Rec'd: 10/18/1991

Sample ID: GEV-GW-1028-034 28318

NET Sample No: 29546

Parameter	Result	Units	Analysis Date	Analyst
Petroleum Fingerprint	AD			
Coal Tar	<5000.	ug/L	10/24/1991	yht
Gasoline	<5000.	ug/L		
Lubricating Oil	<5000.	ug/L		
Mineral Spirits	<5000.	ug/L		
Kerosene	<5000.	ug/L		
#2 Fuel Oil/Diesel	<5000.	ug/L		
#4 Fuel Oil	<5000.	ug/L		
#6 Fuel Oil	<5000.	ug/L		
Indeterminate Lightweight PHC	<5000.	ug/L		
Indeterminate Midweight PHC	<5000.	ug/L		
Indeterminate Heavyweight PHC	<5000.	ug/L		
Total Product Concentration	<5000.	ug/L		

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/25/1991

Report To: Wehran Engineering

NET Job No: 91-2086

Project: GE Wilmington

Date Rec'd: 10/18/1991

Sample ID: GEV-GU-DP6-016 22266

NET Sample No: 29545

Parameter	Result	Units	Analysis Date	Analyst
Petroleum Fingerprint	AA			
Coal Tar	<6000.	ug/L	10/24/1991	yht
Gasoline	<6000.	ug/L		
Lubricating Oil	<6000.	ug/L		
Mineral Spirits	<6000.	ug/L		
Kerosene	<6000.	ug/L		
#2 Fuel Oil/Diesel	<6000.	ug/L		
#4 Fuel Oil	<6000.	ug/L		
#6 Fuel Oil	<6000.	ug/L		
Indeterminate Lightweight PHC	<6000.	ug/L		
Indeterminate Midweight PHC	<6000.	ug/L		
Indeterminate Heavyweight PHC	<6000.	ug/L		
Stoddard Solvent	280000.	ug/L		
Total Product Concentration	280000.	ug/L		

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/25/1991

Report To: Wehran Engineering

NET Job No: 91.2086

Project: GE Wilmington

Date Rec'd: 10/18/1991

Sample ID: GEW-GW-1038-013 22263

NET Sample No: 29544

Parameter	Result	Units	Analysis Date	Analyst
Petroleum Fingerprint	AQ			
Coal Tar	<6000.	ug/L	10/24/1991	yht
Gasoline	<6000.	ug/L		
Lubricating Oil	<6000.	ug/L		
Mineral Spirits	<6000.	ug/L		
Kerosene	<6000.	ug/L		
#2 Fuel Oil/Diesel	<6000.	ug/L		
#4 Fuel Oil	<6000.	ug/L		
#6 Fuel Oil	<6000.	ug/L		
Indeterminate Lightweight PHC	<6000.	ug/L		
Indeterminate Midweight PHC	<6000.	ug/L		
Indeterminate Heavyweight PHC	<6000.	ug/L		
Stoddard Solvent	<6000.*	ug/L		
Total Product Concentration	<6000.	ug/L		

* Stoddard solvent was detected by comparison with the standard run of the solvent at an estimated concentration of 1300 ug/L.

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/25/1991

Report To: Wehran Engineering

NET Job No: 91.2086

Project: GE Wilmington

Date Rec'd: 10/18/1991

Sample ID: GEV-SD-WL3-028 28309

NET Sample No: 29543

Parameter	Result	Units	Analysis Date	Analyst
Petroleum (Fingerprint)	S			
Coal Tar	<100.	ug/g	10/24/1991	yht
Gasoline	<100.	ug/g		
Lubricating Oil	<100.	ug/g		
Mineral Spirits	<100.	ug/g		
Kerosene	<100.	ug/g		
#2 Fuel Oil/Diesel	<100.	ug/g		
#4 Fuel Oil	<100.	ug/g		
#6 Fuel Oil	<100.	ug/g		
Indeterminate Lightweight PHC	<100.	ug/g		
Indeterminate Midweight PHC	<100.	ug/g		
Indeterminate Heavyweight PHC	<100.	ug/g		
Total Product Concentration	<100.	ug/g		

Due to high dilution, indeterminate heavy weight petroleum product could not be characterized or quantified.

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/25/1991

Report To: Mehren Engineering

NET Job No: 91.2086

Project: GE Wilmington

Date Rec'd: 10/18/1991

Sample ID: GEV-SO-ML2-030 28308

NET Sample No: 29542

Parameter	Result	Units	Analysis Date	Analyst
Petroleum (Fingerprint)	8			
Coal Tar	<800.	ug/g	10/24/1991	yht
Gasoline	<800.	ug/g		
Lubricating Oil	<800.	ug/g		
Mineral Spirits	<800.	ug/g		
Kerosene	<800.	ug/g		
#2 Fuel Oil/Diesel	<800.	ug/g		
#4 Fuel Oil	<800.	ug/g		
#6 Fuel Oil	<800.	ug/g		
Indeterminate Lightweight PHC	<800.	ug/g		
Indeterminate Midweight PHC	<800.	ug/g		
Indeterminate Heavyweight PHC	<800.	ug/g		
Total Product Concentration	<800.	ug/g		

Due to high dilution, indeterminate heavy weight petroleum product could not be characterized or quantified.

NET

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/25/1991

Report To: Vohran Engineering

NET Job No: 91.2086

Project: BE Wilmington

Date Rec'd: 10/18/1991

Sample ID: GEV-SO-WL1-033 28283

NET Sample No: 29541

Parameter	Result	Units	Analysis Date	Analyst
Petroleum (Fingerprint)	8			
Coal Tar	<600.	ug/g	10/24/1991	yht
Gasoline	<600.	ug/g		
Lubricating Oil	<600.	ug/g		
Mineral Spirits	<600.	ug/g		
Kerosene	<600.	ug/g		
#2 Fuel Oil/Diesel	<600.	ug/g		
#4 Fuel Oil	<600.	ug/g		
#6 Fuel Oil	<600.	ug/g		
Indeterminate Lightweight PHC	<600.	ug/g		
Indeterminate Midweight PHC	<600.	ug/g		
Indeterminate Heavyweight PHC	<600.	ug/g		
Total Product Concentration	<600.	ug/g		

Due to high dilution, indeterminate heavy weight petroleum product could not be characterized or quantified.

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/25/1991

Report To: Mehren Engineering

NET Job No: 91.2086

Project: GE Wilmington

Date Rec'd: 10/18/1991

Sample ID: GEV-86A-OF1-011 16260

NET Sample No: 29540

Parameter	Result	Units	Analysis Date	Analyst
Petroleum (Fingerprint)	8			
Coal Tar	<600.	ug/g	10/24/1991	yht
Gasoline	<600.	ug/g		
Lubricating Oil	<600.	ug/g		
Mineral Spirits	<600.	ug/g		
Kerosene	<600.	ug/g		
#2 Fuel Oil/Diesel	<600.	ug/g		
#4 Fuel Oil	<600.	ug/g		
#6 Fuel Oil	<600.	ug/g		
Indeterminate Lightweight PHC	<600.	ug/g		
Indeterminate Midweight PHC	<600.	ug/g		
Indeterminate Heavyweight PHC	<600.	ug/g		
Total Product Concentration	<600.	ug/g		

Due to high dilution, indeterminate heavy weight petroleum product could not be characterized or quantified.

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/25/1991

Report To: Mehran Engineering

NET Job No: 91.2086

Project: GE Wilmington

Date Rec'd: 10/18/1991

Sample ID: GEW-SSA-OF1-010 16259

NET Sample No: 29539

Parameter	Result	Units	Analysis Date	Analyst
Petroleum (Fingerprint)	3			
Coal Tar	<500.	ug/g	10/24/1991	yht
Gasoline	<500.	ug/g		
Lubricating Oil	<500.	ug/g		
Mineral Spirits	<500.	ug/g		
Kerosene	<500.	ug/g		
#2 Fuel Oil/Diesel	<500.	ug/g		
#4 Fuel Oil	<500.	ug/g		
#6 Fuel Oil	<500.	ug/g		
Indeterminate Lightweight PHC	<500.	ug/g		
Indeterminate Midweight PHC	<500.	ug/g		
Indeterminate Heavyweight PHC	<500.	ug/g		
Total Product Concentration	<500.	ug/g		

Due to high dilution, indeterminate heavy weight petroleum product could not be characterized or quantified.

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/25/1991

Report To: Uehran Engineering

NET Job No: 91.2086

Project: GE Wilmington

Date Rec'd: 10/18/1991

Sample ID: GEV-S38-OF2-009 16258

NET Sample No: 29538

Parameter	Result	Units	Analysis Date	Analyst
Petroleum (Fingerprint)	8			
Coal Tar	<600.	ug/g	10/24/1991	yht
Gasoline	<600.	ug/g		
Lubricating Oil	<600.	ug/g		
Mineral Spirits	<600.	ug/g		
Kerosene	<600.	ug/g		
#2 Fuel Oil/Diesel	<600.	ug/g		
#4 Fuel Oil	<600.	ug/g		
#6 Fuel Oil	<600.	ug/g		
Indeterminate Lightweight PHC	<600.	ug/g		
Indeterminate Midweight PHC	<600.	ug/g		
Indeterminate Heavyweight PHC	<600.	ug/g		
Total Product Concentration	<600.	ug/g		

Due to high dilution, indeterminate heavy weight petroleum product could not be characterized or quantified.

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/25/1991

Report To: Mehran Engineering

NET Job No: 91.2086

Project: SE Wilmington

Date Rec'd: 10/18/1991

Sample ID: MEV-S2A-OF2-008 16257

NET Sample No: 29537

Parameter	Result	Units	Analysis Date	Analyst
Petroleum (Fingerprint)	8			
Coal Tar	<500.	ug/g	10/24/1991	yht
Gasoline	<500.	ug/g		
Lubricating Oil	<500.	ug/g		
Mineral Spirits	<500.	ug/g		
Kerosene	<500.	ug/g		
#2 Fuel Oil/Diesel	<500.	ug/g		
#4 Fuel Oil	<500.	ug/g		
#6 Fuel Oil	<500.	ug/g		
Indeterminate Lightweight PHC	<500.	ug/g		
Indeterminate Midweight PHC	<500.	ug/g		
Indeterminate Heavyweight PHC	<500.	ug/g		
Total Product Concentration	<500.	ug/g		

Due to high dilution, indeterminate heavy weight petroleum product could not be characterized or quantified.

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/25/1991

Report To: Wahren Engineering

NET Job No: 91.2086

Project: GE Wilmington

Date Rec'd: 10/18/1991

Sample ID: GEV-B16-006 15445

NET Sample No: 29536

Parameter	Result	Units	Analysis Date	Analyst
Petroleum (Fingerprint)	3			
Coal Tar	<100.	ug/g	10/24/1991	yht
Gasoline	<100.	ug/g		
Lubricating Oil	<100.	ug/g		
Mineral Spirits	<100.	ug/g		
Kerosene	<100.	ug/g		
#2 Fuel Oil/Diesel	<100.	ug/g		
#4 Fuel Oil	<100.	ug/g		
#6 Fuel Oil	<100.	ug/g		
Indeterminate Lightweight PHC	<100.	ug/g		
Indeterminate Midweight PHC	<100.	ug/g		
Indeterminate Heavyweight PHC	<100.	ug/g		
Stoddard Solvent	4100.	ug/g		
Total Product Concentration	4100.	ug/g		

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/25/1991

Report To: Wehran Engineering

NET Job No: 91.2086

Project: GE Wilmington

Date Rec'd: 10/18/1991

Sample ID: GEW-SS-816-007 15446

NET Sample No: 29535

Parameter	Result	Units	Analysis Date	Analyst
Petroleum (Fingerprint)	8			
Coal Tar	<100.	ug/g	10/24/1991	yht
Gasoline	<100.	ug/g		
Lubricating Oil	<100.	ug/g		
Mineral Spirits	<100.	ug/g		
Kerosene	<100.	ug/g		
#2 Fuel Oil/Diesel	<100.	ug/g		
#4 Fuel Oil	<100.	ug/g		
#6 Fuel Oil	<100.	ug/g		
Indeterminate Lightweight PHC	<100.	ug/g		
Indeterminate Midweight PHC	<100.	ug/g		
Indeterminate Heavyweight PHC	<100.	ug/g		
Stoddard Solvent	230.	ug/g		
Total Product Concentration	230.	ug/g		

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/25/1991

Report To: Mahrn Engineering

NET Job No: 91.2086

Project: GE Wilmington

Date Rec'd: 10/18/1991

Sample ID: GEV-SS-ME2-005 15444

NET Sample No: 29534

Parameter	Result	Units	Analysis Date	Analyst
Petroleum (Fingerprint)	3			
Coal Tar	<100.	ug/g	10/24/1991	yht
Gasoline	1300.	ug/g		
Lubricating Oil	<100.	ug/g		
Mineral Spirits	<100.	ug/g		
Kerosene	<100.	ug/g		
#2 Fuel Oil/Diesel	<100.	ug/g		
#4 Fuel Oil	<100.	ug/g		
#6 Fuel Oil	<100.	ug/g		
Indeterminate Lightweight PHC	<100.	ug/g		
Indeterminate Midweight PHC	<100.	ug/g		
Indeterminate Heavyweight PHC	<100.	ug/g		
Total Product Concentration	1300.	ug/g		

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/25/1991

Report To: Mehren Engineering

NET Job No: 91.2086

Project: GE Wilmington

Date Rec'd: 10/18/1991

Sample ID: GEV-SS-82-002 15213

NET Sample No: 29531

Parameter	Result	Units	Analysis Date	Analyst
Petroleum (Fingerprint)	8			
Coal Tar	<100.	ug/g	10/24/1991	yht
Gasoline	<100.	ug/g		
Lubricating Oil	<100.	ug/g		
Mineral Spirits	<100.	ug/g		
Kerosene	<100.	ug/g		
#2 Fuel Oil/Diesel	<100.	ug/g		
#4 Fuel Oil	<100.	ug/g		
#6 Fuel Oil	<100.	ug/g		
Indeterminate Lightweight PNC	<100.	ug/g		
Indeterminate Midweight PNC	<100.	ug/g		
Indeterminate Heavyweight PNC	<100.	ug/g		
Stoddard Solvent	1300.	ug/g		
Total Product Concentration	1300.	ug/g		

NET Atlantic, Cambridge Division

ANALYTICAL REPORT

Report Date: 10/25/1991

Report To: Wabran Engineering

NET Job No: 91.2086

Project: GE Wilmington

Date Rec'd: 10/18/1991

Sample ID: GEV-SS-B4-003 15214

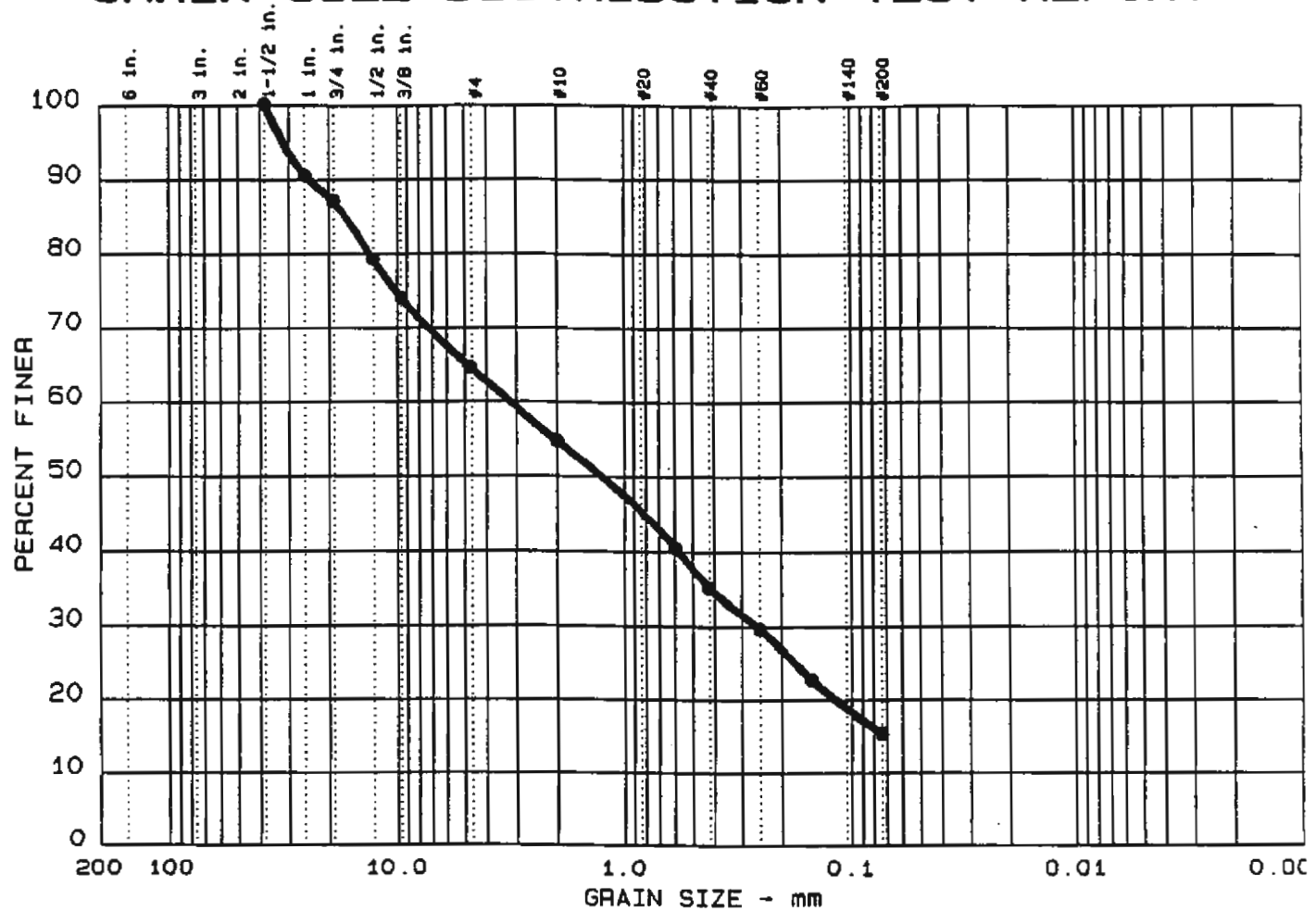
NET Sample No: 29532

Parameter	Result	Units	Analysis Date	Analyst
Petroleum (Fingerprint)	S			
Coal Tar	<100.	ug/g	10/24/1991	yht
Gasoline	<100.	ug/g		
Lubricating Oil	<100.	ug/g		
Mineral Spirits	<100.	ug/g		
Kerosene	<100.	ug/g		
#2 Fuel Oil/Diesel	<100.	ug/g		
#4 Fuel Oil	<100.	ug/g		
#6 Fuel Oil	<100.	ug/g		
Indeterminate Lightweight PHC	<100.	ug/g		
Indeterminate Midweight PHC	<100.	ug/g		
Indeterminate Heavyweight PHC	<100.	ug/g		
Stoddard Solvent	49.	ug/g		
Total Product Concentration	49.	ug/g		

NET

APPENDIX D
GRAIN SIZE ANALYSIS AND MOISTURE CONTENT DATA

GRAIN SIZE DISTRIBUTION TEST REPORT



S. #	%+75mm	% GRAVEL	% SAND	% SILT	% CLAY
●	0.0	35.3	49.3	15.4	

LL	PI	D ₈₅	D ₆₀	D ₅₀	D ₃₀	D ₁₅	D ₁₀	C _c	C _u
●		16.60	3.20	1.26	0.257				

MATERIAL DESCRIPTION	ASTM	BURMISTER	AASHTO
● Dark Brown, Odorous Silty sand with gravel	SM		A-1-b

Project No.: 01501.01	Date: 9-23-91	Performed by: D.L.
Project: GE WILMINGTON		Entered by: K.H.
Client: WEHRAN		Checked by: R.S.A.
● Sample: GE-WSS WE2-005	Sample No.:	Remarks:
		MOISTURE CONTENT = 8.4%
WEHRAN ENGINEERING		Figure No.

WEHRAN ENGINEERING		MOISTURE CONTENTS	
CLIENT:	WEHRAN	DATE:	23-Sep-91
PROJECT:	GE WILMINGTON	PROJECT #	01501.01

HOLE #/ SAMPLE #	GE-WSS				
DEPTH	WE2-005				
WET WGT. + TARE (gms.)	182.00				
DRY WGT. + TARE (gms.)	162.00				
WGT. WATER (gms.)	20.00	0.00	0.00	0.00	0.00
TARE (gms.)	8.00				
DRY WGT. (gms.)	154.00	0.00	0.00	0.00	0.00
MOISTURE CONTENT	12.99%				

HOLE #/ SAMPLE #					
DEPTH					
WET WGT. + TARE (gms.)					
DRY WGT. + TARE (gms.)					
WGT. WATER (gms.)	0.00	0.00	0.00	0.00	0.00
TARE (gms.)					
DRY WGT. (gms.)	0.00	0.00	0.00	0.00	0.00
MOISTURE CONTENT					

Performed by: D.L. Entered by: K.H. Checked by: R.S.A.