

*REMEDIAL CORRECTIVE ACTION REPORT
PROPERTY LOCATED AT
4211-4221 9TH STREET
LONG ISLAND CITY, NEW YORK*

Prepared for:

*TITAN MACHINE CORPORTION
36-27 VERNON BOULEVARD
LONG ISLAND CITY, NEW YORK*

Prepared by:

EEA, Inc.

55 Hilton Avenue
Garden City, New York 11530
(516) 746-4400
(212) 227-3200

MAY 1998

Project 98805-

May 13, 1998

Mr. James J. Roberts
Titan Machine Corporation
36-27 Vernon Boulevard
Long Island City, New York 11106

Re: Remedial Corrective Action Report
Property Located at:
4211-4221 9th Street
Long Island City, New York
EEA Project No. 98805
NYSDEC Spill No. 9800302

Dear Mr. Roberts:

EEA, Inc. has completed the remedial cleanup of the contaminated soils in the area of the former underground fuel oil storage tanks and the five floor trenches located inside the facility. All work was performed as defined in our Scope of Services for Remediation dated April 6, 1998. The work was prepared with reference to EEA's Phase II Environmental Subsurface Investigation (EEA 98707) of March 1998. This work was completed in accordance with New York State Department of Environmental Conservation (NYSDEC) Petroleum-Contaminated Soil Guidance Policy, Spill Technology and Remediation Series (STARS) Memo #1.

Contaminated Soil Remediation

Contaminated soils were excavated from within each of the five floor trenches, which were shown to have elevated concentrations of Chromium, Lead, and Mercury as defined in the Phase II Investigation. A diagram showing the location of these trenches is presented in Figure 1.

The contaminated soils were excavated and removed from within each floor trench using vacuum extraction and hand operated excavation equipment. The excavation of the contaminated soils continued until no contamination was found using a portable mercury vapor detector and colormetric field testing instrumentation. Each floor trench was excavated 3 to 4 feet below the trench bottom.

Mr. James J. Roberts
May 14, 1998
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Fuel oil #2 contaminated soil was identified in the area of the former fuel oil tanks. These soils were excavated using a hydraulic bucket excavator and backhoe. The excavation was continued until no contamination was detected using a portable organic vapor detector. The excavation extended to a depth of 18 feet.

All contaminated soils were placed on a plastic liner and stock piled under a plastic tarp on site. A sample of the contaminated soil was collected and analyzed for disposal characteristics. The results of the disposal analysis (DISP-01) are included in the laboratory data summaries and are found in the appendix to this report.

A Photographic log summary, which is included as an attachment to this report, shows some of the remedial work activities completed on the property.

Confirmation endpoint samples were collected from the bottom of the excavation and each sidewall in order to confirm complete removal of all petroleum contaminants. The samples are identified as EP-1, EP-2, EP-3, EP-4, and EP-6. A confirmation endpoint sample was also collected from each floor trench excavation in order to confirm complete removal of all contamination. The samples are identified as EP-6, EP-7, EP-8, EP-9, and EP-10. Figure 1 shows the confirmatory endpoint sample collection locations.

The results of the confirmatory endpoint samples indicated that all fuel oil contamination has been removed from the area of the former fuel oil tanks and all Chromium, Lead, and Mercury contamination has been removed from the floor trenches. The soils of the property have been returned to background conditions.

A summary of the endpoint sample results and a comparison to NYSDEC TAGM Recommended Cleanup Guidelines is presented in Tables 1, 2, and 3. The analytical laboratory data sheets for the endpoint samples and the disposal analytical laboratory analyses are included in the attachment to this report.

Upon receipt of the confirmation endpoint sample results the floor trenches were backfilled with clean fill sand and sealed with concrete to match the surrounding floor slab. The excavation in the area of the former fuel oil tanks was backfilled to grade level using clean fill material.

The contaminated soils were sent via New York State Department of Environmental Conservation (NYSDEC) licensed transporters to TT Materials Corporation in Wingdale, New York for treatment and recycling as a beneficial use such as asphalt. (NYSDEC Permit #3-136-00144/00001-0, Solid Waste Facility #14MO3).

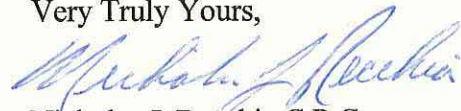
Mr. James J. Roberts
May 14, 1998
Page 2

A total of 300.93 tons of petroleum contaminated soil were delivered to this facility from this property. A copy of the weight manifests and are included in the attachment to this report.

In conclusion, the remedial efforts completed have been successful in the removal of the contaminated soil from subject property. A copy of this report is being forwarded to the NYSDEC. EEA will petition the NYSDEC towards closure of this case. All future correspondence with the NYSDEC will be forwarded to you.

Should there be any questions, please do not hesitate to contact me.

Very Truly Yours,



Nicholas J. Recchia C.P.G.
Senior Hydrogeologist

*ATTACHMENT TO
LETTER DATED MAY 14, 1998
MR. JAMES J. ROBERTS
TITAN MACHINE CORPORATION
Chain-of-Custody
Photographs
Laboratory Data Sheets
Weight Manifests*

Prepared by:

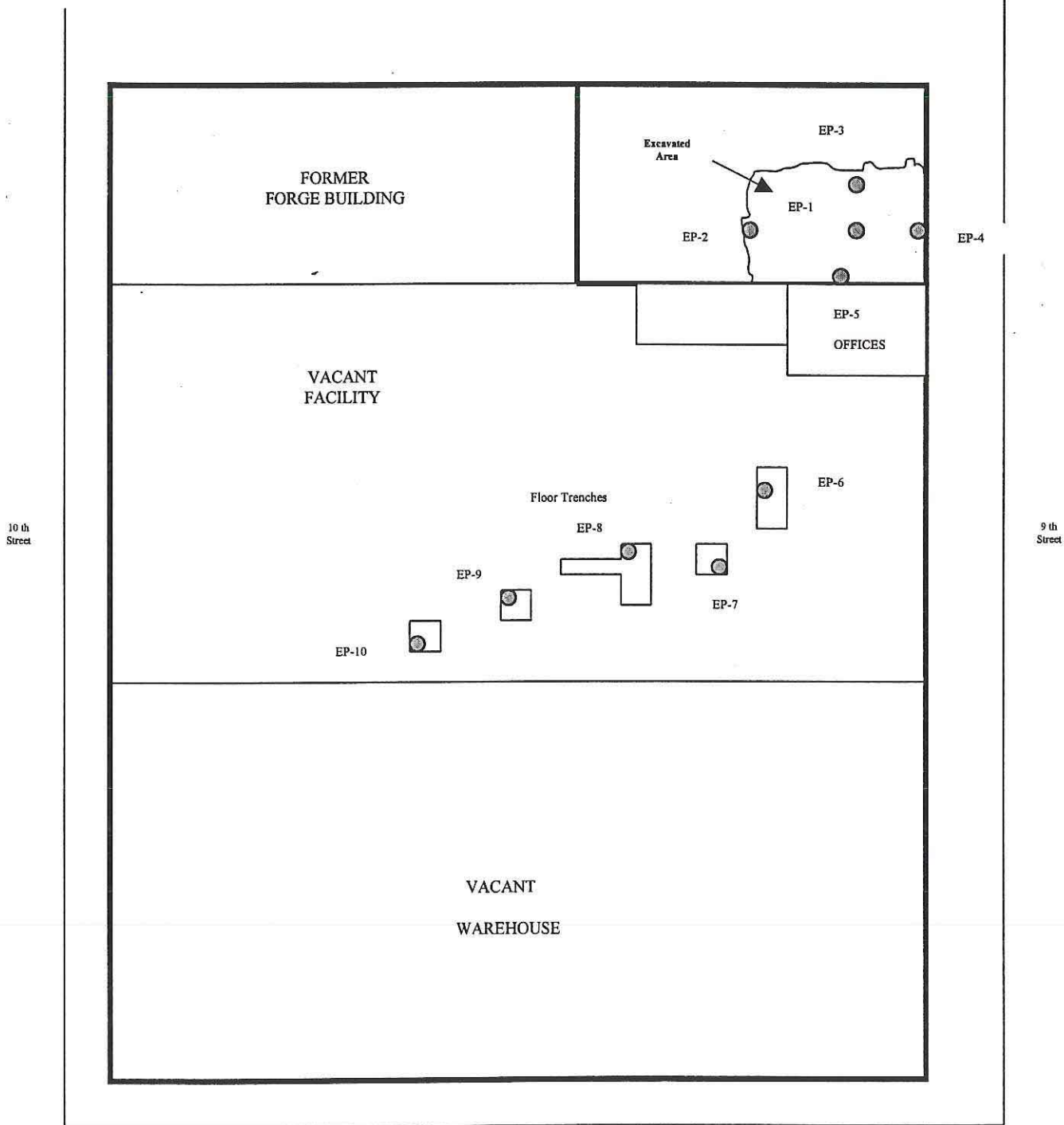
EEA, Inc.

55 Hilton Avenue
Garden City, New York 11530
(516) 746-4400
(212) 227-3200

MAY 1998

Project 98805

EEA, Inc.
55 Hilton Avenue
Garden City, New York
(516) 746-4400



Property Located at:
4211-4221 9th Street
Long Island City
New York

Not to scale

**CONFIRMATORY ENDPOINT
SAMPLE COLLECTION LOCATIONS**

Figure 1

TABLE 1
ENDPOINT SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS
USEPA METHOD 8021 (STARS)

Analytical Parameters (µg/kg)	Sample Collection Location and Depth					NYSDEC ¹ Recommended Cleanup Objectives (TAGM)
	EP-01 18 ft	EP-02 east sidewall	EP-03 north sidewall	EP-04 west sidewall	EP-05 south sidewall	
ter-ButylMethylEther	<2	<2	<2	<2	<2	NA
Benzene	<2	<2	<2	<2	<2	60
Toluene	<2	<2	<2	<2	<2	1,500
Ethyl Benzene	<2	<2	<2	<2	<2	5,500
m + p Xylene	<4	<4	<4	<4	<4	1,200
o Xylene	<2	<2	<2	<2	<2	1,200
Xylene	<2	<2	<2	<2	<2	1,200
Isopropylbenzene	<6	<6	<6	<6	<6	NA
n-Propylbenzene	<2	<2	<2	<2	<2	NA
135-Trimethylbenzene	<2	<2	<2	<2	<2	NA
124-Trimethylbenzene	<2	<2	<2	<2	<2	NA
sec-Butylbenzene	<2	<2	<2	<2	<2	NA
p-Isopropyltoluene	<2	<2	<2	<2	<2	NA
n-Butylbenzene	<2	<2	<2	<2	<2	NA
Napthalene	3	<2	<2	<2	<2	13,000
tert-Butylbenzene	<2	<2	<2	<2	<2	NA

µg/L - presented in parts per billion, micrograms per kilogram
NA - Not available, no guideline has been established

¹ New York State Department of Environmental Conservation
Technical and Administrative Guidance Memorandum (TAGM)
Revised 1/94

TABLE 2

ENDPOINT SAMPLE RESULTS

SEMI-VOLATILE ORGANIC CHEMICAL COMPOUNDS
USEPA METHOD 8270 BASE NEUTRALS ONLY (SOIL)

Analytical Parameters (µg/kg)	Sample Collection Location and Depth					NYSDEC ¹ Soil Recommended Cleanup Objectives (TAGM)
	EP-01 18 ft	EP-02 east sidewall	EP-03 north sidewall	EP-04 west sidewall	EP-05 south sidewall	
Naphthalene	< 30	< 30	31	130	< 30	13,000
Acenaphthene	40	45	58	130	< 30	41,000
Fluorene	43	54	81	150	< 30	50,000
Phenanthrene	490	550	760	1300	220	50,000
Anthracene	110	130	170	300	49	50,000
Fluoranthene	530	530	770	970	380	50,000
Pyrene	700	690	950	1200	420	50,000
Benzo(a)anthracene	250	260	390	440	200	3,000
Chrysene	260	270	410	430	220	400
Benzo(b)fluoranthene	175	175	285	300	175	1,100
Benzo(k)fluoranthene	175	175	285	300	175	1,100
Benzo(a)pyrene	210	200	310	340	190	61
Dibenzo(a,h)anthracene	< 30	< 30	< 30	< 30	< 30	14
Indeno(1,2,3-cd)pyrene	60	61	98	97	70	3,200
Benzo(ghi)perylene	62	61	97	100	69	50,000
Total Semi-VOCs ²	3105	3200	4695	5787	2168	< 500,000

µg/kg - presented in parts per billion, micrograms per kilogram

NA - Not available, no guideline has been established

¹ New York State Department of Environmental Conservation,
Technical and Administrative Guidance Memorandum (TAGM) - Revised 1/94

² As per TAGM #4046, Total Semi-VOCs < 500,000 µg/kg

TABLE 3
ENDPOINT SAMPLE RESULTS
RCRA METALS

Sample Collection Location and Depth	Analytical Parameters (mg/kg)		
	Chromium	Lead	Mercury
EP-06	12	24	0.034
EP-07	11	29	0.032
EP-08	11	29	0.039
EP-09	10	27	0.041
EP-10	9	48	0.039
Eastern USA Background	1.5-40	**	0.001-0.2
NYSDEC Regulatory Cleanup Guidelines (TAGM)	50	SB	0.1

mg/kg – presented in parts per million or ppm

SB – cleanup guidelines are either site background or established level (whichever is lower)

NA- none established

Eastern USA Background concentrations as reported in a 1984 survey of reference material by E. Carol McGovern, NYSDEC.

** Lead- Background levels vary widely. Average Background levels in metropolitan areas near highways typically range from 200-500ppm. The USEPA's Interim Lead Hazard Guidance (7-14-94) establishes a residential screening level of 400ppm.

New York State Department of Environmental Conservation
Technical and Administrative Guidance Memorandum (TAGM)
Recommended Soil Cleanup January 24, 1994 (Revised).



Facility Weight Ticket

Customer ID #	_____
Date of form generation	_____
Job ##	_____

Site Name Aerolly Inc.
Site Address Long Island City N.Y.
Transporter Name Liotta
Generator Name SAME
Contr Agent Company EEA INC.
Contr Agent Address Garden City N.Y.
Contr Agent Contact _____

SCALE WEIGHT PRINTOUT

Scale ID# 16
Truck ID# 96
LB Gross _____
LB Tare _____
LB Net 87,700
Net tonnage 43.85
Weight Date _____
Weight time _____

07:11 AM 05/08/98
16 ID. NO.
124120 lb GR
36420 lb TR KEYED
87700 lb NT

WEIGHT TICKET PROCESSED BY five Date 5/8/98

THIS COPY GOES TO: _____



Sand - Gravel - Fill - Stone - Salt - Salt Sand

3966 Long Beach Road
Island Park, New York 11558



Phone: (516) 432-7085

Fax: (516) 432-6710

Beeper: (516) 892-9377

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name: <u>Aerolly Inc.</u>	Shipping Location: <u>Sam</u>	
Address: <u>4211 91st Street</u>	Address:	
<u>Long Island City NY</u>		
Phone #: <u>516-621-5122</u>	Phone #:	
Approval Number <u>DEC#</u> <u>9800302</u>	Description of Material Non-hazardous Petroleum Contaminated Soil	Gross Weight <u>124 120</u>
Net Weight (Tons) <u>43.85</u> (A)		Tare Weight <u>36 420</u>
		Net Weight <u>87 700</u> (A)
I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to applicable regulations.		
<u>EEA Inc</u>	<u>Nicholas J. Heekin</u>	<u>5/7/98</u>
Generator Authorized Agent Name	Signature	Shipment Date

TRANSPORTER

Transporter Name: <u>Liotta & Sons, Inc.</u>	Driver Name (Print): <u>JAMES J. HEINZ</u>
Address: <u>3966 Long Beach Road</u>	Driver's License #/State: <u>NY #655-085-114</u>
<u>Island Park, New York 11558</u>	
State Permit #: <u>1A-298</u>	Truck #: <u>96</u>
I hereby certify that the above named material was picked up at the generator site listed above.	I hereby certify that the above named material was delivered without incident to the destination listed below.
<u>James J. Heinz</u> <u>5/7/98</u>	<u>James J. Heinz</u> <u>5/8/98</u>
Driver Signature	Shipment Date
<u>James J. Heinz</u> <u>5/8/98</u>	<u>James J. Heinz</u> <u>5/8/98</u>
Driver Signature	Delivery Date

DESTINATION

Site Name: <u>TET MATERIALS CORP</u>	Phone #: <u>914 832 3434</u>
Address: <u>RT 22 WINGDALE, NY</u>	State Permit #: <u>360</u>
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.	
<u>John C. Cully</u>	<u>5/8/98</u>
Name of Authorized Agent	Signature
	Receipt Date

WHITE FACILITY GREEN GENERATOR PINK TRUCKING CO. YELLOW CONT. GOLD LIOTTA



Facility Weight Ticket

Customer ID #	_____
Date of form generation	_____
Job ##	_____

Site Name Aerolly Inc.
Site Address Long Island City N.Y.
Transporter Name Liotta
Generator Name SAME
Contr Agent Company EEA INC.
Contr Agent Address Garden City N.Y.
Contr Agent Contact _____

SCALE WEIGHT PRINTOUT

Scale ID# 16
Truck ID# 95
LB Gross _____
LB Tare _____
LB Net _____
Net tonnage 39.85
Weight Date _____
Weight time _____

02:25 PM 05/07/98
1695 ID. NO.
116760 lb GR
37060 lb TR KEYED
79700 lb NT

WEIGHT TICKET PROCESSED BY

Rob Mullen

Date _____

THIS COPY GOES TO: _____



Sand - Gravel - Fill - Stone - Salt - Salt Sand

3966 Long Beach Road
Island Park, New York 11558



Phone: (516) 432-7085

Fax: (516) 432-6710

Beeper: (516) 892-9377

NON-HAZARDOUS MATERIAL MANIFEST GENERATOR

Generator Name: <u>AEROLLY INC.</u>		Shipping Location: _____	
Address: <u>4211 9TH ST</u>		Address: _____	
<u>LONG ISLAND CITY NY</u>		_____	
Phone #: <u>516) 365 4788</u>		Phone #: _____	
Approval Number <u>NY5DEC</u> <u>9800302</u>	Description of Material Non-hazardous Petroleum Contaminated Soil	Gross Weight <u>116760</u>	
Net Weight (Tons) <u>39.85</u>		Tare Weight <u>37060</u>	
		Net Weight <u>79700</u>	
I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to applicable regulations.			
<u>EEA INC.</u> Generator Authorized Agent Name		<u>[Signature]</u> Signature	<u>5-7-98</u> Shipment Date

TRANSPORTER

Transporter Name: <u>Liotta & Sons, Inc.</u>		Driver Name (Print): <u>SCOTT BONDI</u>	
Address: <u>3966 Long Beach Road</u>		Driver's License #/State: <u>505 060186 NY</u>	
<u>Island Park, New York 11558</u>		_____	
State Permit #: <u>1A-298</u>	Truck #: <u>95 # 16950</u>	_____	
I hereby certify that the above named material was picked up at the generator site listed above.		I hereby certify that the above named material was delivered without incident to the destination listed below.	
<u>[Signature]</u> Driver Signature	<u>5-7-98</u> Shipment Date	<u>[Signature]</u> Driver Signature	<u>5-7-98</u> Delivery Date

DESTINATION

Site Name: <u>TT MATERIALS</u>	Phone #: _____
Address: <u>WINDDALE NY</u>	State Permit #: _____
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.	
<u>[Signature]</u> Name of Authorized Agent	<u>5/7/98</u> Receipt Date

WHITE FACILITY GREEN GENERATOR PINK TRUCKING CO. YELLOW CONT. GOLD LIOTTA



Facility Weight Ticket

Customer ID #	_____
Date of form generation	_____
Job ##	_____

Site Name Aerolly Inc.
Site Address Long Island City N.Y.
Transporter Name Liotta
Generator Name Same
Contr Agent Company EEA INC.
Contr Agent Address Garden City N.Y.
Contr Agent Contact _____

SCALE WEIGHT PRINTOUT

Scale ID# _____
Truck ID# 97
LB Gross _____
LB Tare _____
LB Net _____
Net tonnage 44.61
Weight Date _____
Weight time _____

01:14 PM 05/07/98
16097 ID. NO.
127780 lb GR
38560 lb TR KEYED
89220 lb NT

WEIGHT TICKET PROCESSED BY

Kathy Thompson

Date

5/7/98

THIS COPY GOES TO: _____



Sand - Gravel - Fill - Stone - Salt - Salt Sand

3966 Long Beach Road
Island Park, New York 11558



Phone: (516) 432-7085

Fax: (516) 432-6710

Beeper: (516) 892-9377

005
4/5

NON-HAZARDOUS MATERIAL MANIFEST GENERATOR

Generator Name: <u>Aerolly Inc.</u>		Shipping Location:	
Address: <u>4211 9th Street</u>		Address:	
<u>Long Island City NY</u>			
Phone #: <u>516-621-5122</u>		Phone #:	
Approval Number <u>DEC #</u> <u>9800302</u>	Description of Material Non-hazardous Petroleum Contaminated Soil	Gross Weight <u>127,780</u>	
Net Weight (Tons) <u>44.61</u>		Tare Weight <u>38,560</u>	
		Net Weight <u>89,220</u>	
I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to applicable regulations.			
<u>EEA Inc.</u> Generator Authorized Agent Name		<u>Michael J. Speck</u> Signature	<u>5/7/98</u> Shipment Date

TRANSPORTER

Transporter Name: <u>Liotta & Sons, Inc.</u>		Driver Name (Print): <u>Richard Terrill</u>	
Address: <u>3966 Long Beach Road</u>		Driver's License #/State: <u>571-472 397</u>	
<u>Island Park, New York 11558</u>		<u>New York</u>	
State Permit #: <u>1A-298</u>		Truck #: <u>97</u>	
I hereby certify that the above named material was picked up at the generator site listed above.		I hereby certify that the above named material was delivered without incident to the destination listed below.	
<u>Richard Terrill</u> Driver Signature	<u>5/7/98</u> Shipment Date	<u>Richard Terrill</u> Driver Signature	<u>5/7/98</u> Delivery Date

DESTINATION

Site Name: <u>TT MATERIALS CORP</u>		Phone #:	
Address:		State Permit #:	
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.			
<u>KATHY STRAWSON</u> Name of Authorized Agent		<u>Kathy Strawson</u> Signature	<u>5/7/98</u> Receipt Date

WHITE FACILITY GREEN GENERATOR PINK TRUCKING CO. YELLOW CONT. GOLD LIOTTA



TT MATERIALS CORP.

Facility Weight Ticket

Customer ID # _____
Date of form generation _____
Job ## _____

Site Name

Aerolly Inc.

Site Address

Long Island City N.Y.

Transporter Name

Liotto

Generator Name

Same

Contr Agent Company

EEA INC.

Contr Agent Address

Garden City N.Y.

Contr Agent Contact

SCALE WEIGHT PRINTOUT

Scale ID#

16

Truck ID#

98

LB Gross

LB Tare

LB Net

Net tonnage

46.35

Weight Date

Weight time

11:52 AM 05/07/98
1698 ID. NO.
129400 lb GR
36700 lb TR KEYED
92700 lb NT

WEIGHT TICKET PROCESSED BY

Rob Muller

Date _____

THIS COPY GOES TO: _____



Sand - Gravel - Fill - Stone - Salt - Salt Sand

3966 Long Beach Road
Island Park, New York 11558



Phone: (516) 432-7085

Fax: (516) 432-6710

Beeper: (516) 892-9377

#003

NON-HAZARDOUS MATERIAL MANIFEST GENERATOR

Generator Name: <u>Aerolly Inc.</u>		Shipping Location:	
Address: <u>4211 9th Street</u>		Address:	
<u>Long Island City NY</u>			
Phone #: <u>516-621-5122</u>		Phone #:	
Approval Number <u>DEC #</u> <u>9800302</u>	Description of Material Non-hazardous Petroleum Contaminated Soil	Gross Weight <u>129400</u>	
Net Weight (Tons) <u>46.35</u>		Tare Weight <u>36700</u>	
		Net Weight <u>92700</u>	
I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to applicable regulations.			
<u>EEA Inc.</u> Generator Authorized Agent Name		<u>Michael Reschke</u> Signature	<u>5/7/98</u> Shipment Date

TRANSPORTER

Transporter Name: <u>Liotta & Sons, Inc.</u>		Driver Name (Print): <u>STEVE MICARETTI</u>	
Address: <u>3966 Long Beach Road</u>		Driver's License #/State: <u>501-620008</u>	
<u>Island Park, New York 11558</u>			
State Permit #: <u>1A-298</u>		Truck #: <u>98</u>	
I hereby certify that the above named material was picked up at the generator site listed above.		I hereby certify that the above named material was delivered without incident to the destination listed below.	
<u>[Signature]</u> Driver Signature	<u>5-7-98</u> Shipment Date	<u>[Signature]</u> Driver Signature	<u>5-7-98</u> Delivery Date

DESTINATION

Site Name: <u>TT MATERIALS CORP.</u>		Phone #:	
Address:		State Permit #:	
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.			
<u>Rob Muller</u> Name of Authorized Agent	<u>Rob Muller</u> Signature	<u>5-7-98</u> Receipt Date	

WHITE FACILITY GREEN GENERATOR PINK TRUCKING CO. YELLOW CONT. GOLD LIOTTA



Facility Weight Ticket

Customer ID # _____
Date of form generation _____
Job ## _____

Site Name

Aerolly INC.

Site Address

Long Island City N.Y.

Transporter Name

Liotta

Generator Name

Same

Contr Agent Company

EEA INC.

Contr Agent Address

Garden City N.Y.

Contr Agent Contact

SCALE WEIGHT PRINTOUT

Scale ID#

16

Truck ID#

99

LB Gross

126720

LB Tare

42560

LB Net

84160

Net tonnage

42.08

Weight Date

5/1/98

Weight time

12:44

WEIGHT TICKET PROCESSED BY

Rob Miller

Date

5/1/98

THIS COPY GOES TO: _____



Sand - Gravel - Fill - Stone - Salt - Salt Sand

3966 Long Beach Road
Island Park, New York 11558



Phone: (516) 432-7085

Fax: (516) 432-6710

Beeper: (516) 892-9377

NUMBER

004

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name: Aerolly Inc.

Shipping Location:

Address: 4211 9th Street

Address:

Long Island City NY

Phone #: 516-621-5122

Phone #:

Approval Number

DEC#

9800302

Description of Material

**Non-hazardous Petroleum
Contaminated Soil**

Gross Weight

126720

Tare Weight

42560

Net Weight (Tons)

42.08

Net Weight

84160

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to applicable regulations.

EEA Inc.

Generator Authorized Agent Name

Michael A. Recchia

Signature

5/7/98

Shipment Date

TRANSPORTER

Transporter Name: Liotta & Sons, Inc.

Driver Name (Print): Charles Davino

Address: 3966 Long Beach Road

Driver's License #/State: 925 742 222

Island Park, New York 11558

New York

State Permit #: 1A-298

Truck #: 99

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature

Shipment Date

Driver Signature

Delivery Date

DESTINATION

Site Name: TT Materials Corp.

Phone #:

Address:

State Permit #:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Rob Muller

Name of Authorized Agent

Signature

5/7/98

Receipt Date



Facility Weight Ticket

Customer ID #	_____
Date of form generation	_____
Job ##	_____

Site Name

Aerolly INC.

Site Address

Long Island City N.Y.

Transporter Name

Liotta

Generator Name

SAME

Contr Agent Company

EEA Inc.

Contr Agent Address

Garden City N.Y.

Contr Agent Contact

SCALE WEIGHT PRINTOUT

10:49 AM 05/07/98
1696 ID. NO.
120540 lb GR
36420 lb TR KEYED
84120 lb NT

Scale ID#

16

Truck ID#

96

LB Gross

LB Tare

LB Net

Net tonnage

42.06

Weight Date

Weight time

WEIGHT TICKET PROCESSED BY

Rob Muller

Date

THIS COPY GOES TO: _____



Sand - Gravel - Fill - Stone - Salt - Salt Sand

3966 Long Beach Road
Island Park, New York 11558



Phone: (516) 432-7085

Fax: (516) 432-6710

Beeper: (516) 892-9377

NON-HAZARDOUS MATERIAL MANIFEST GENERATOR

Generator Name: <u>Aerolly Inc.</u>		Shipping Location:	
Address: <u>4211 9th Street</u>		Address:	
<u>Long Island City NY</u>			
Phone #: <u>516-365-4788</u>		Phone #:	
Approval Number <u>NYSDEC #</u> <u>9800302</u>	Description of Material Non-hazardous Petroleum Contaminated Soil	Gross Weight <u>120540</u>	
Net Weight (Tons) <u>42.06</u>		Tare Weight <u>36420</u>	
		Net Weight <u>84120</u>	
I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to applicable regulations.			
<u>EEA INC.</u> Generator Authorized Agent Name		<u>Michael Mearns</u> Signature	<u>5-7-98</u> Shipment Date

TRANSPORTER

Transporter Name: <u>Liotta & Sons, Inc.</u>		Driver Name (Print): <u>JAMES J. HEINZ</u>	
Address: <u>3966 Long Beach Road</u>		Driver's License #/State: <u>655-085-114</u>	
<u>Island Park, New York 11558</u>		<u>N.Y.</u>	
State Permit #: <u>1A-298</u>	Truck #: <u>96</u>		
I hereby certify that the above named material was picked up at the generator site listed above.		I hereby certify that the above named material was delivered without incident to the destination listed below.	
<u>James J. Heinz</u> Driver Signature	<u>5/7/98</u> Shipment Date	<u>James J. Heinz</u> Driver Signature	<u>5/7/98</u> Delivery Date

DESTINATION

Site Name: <u>TET MATERIALS CORP</u>	Phone #:
Address: <u>WINGDALE, NY</u>	State Permit #: <u>3-1326-00144/00001-0</u>
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.	
<u>Rob Mullen</u> Name of Authorized Agent	<u>Rob Mullen</u> Signature
	<u>5/7/98</u> Receipt Date



Facility Weight Ticket

Customer ID #	_____
Date of form generation	_____
Job ##	_____

Site Name

Aerolly Inc.

Site Address

Long Island City N.Y.

Transporter Name

Liotta

Generator Name

SAME

Contr Agent Company

EEA INC.

Contr Agent Address

Garden City N.Y.

Contr Agent Contact

SCALE WEIGHT PRINTOUT

08:21 AM 05/07/98
169500 ID. NO.
121320 lb GR
37060 lb TR KEYED
84260 lb NT

Scale ID#

16

Truck ID#

95

LB Gross

LB Tare

LB Net

Net tonnage

42.13

Weight Date

Weight time

WEIGHT TICKET PROCESSED BY

Rob Mullen

Date

5/7/98

THIS COPY GOES TO: _____



Sand - Gravel - Fill - Stone - Salt - Salt Sand

3966 Long Beach Road
Island Park, New York 11558



Phone: (516) 432-7085

Fax: (516) 432-6710

Beeper: (516) 892-9377

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name: Aeroly Inc.

Shipping Location:

Address: 4211 91st Street
Long Island City, NY

Address:

Phone #: 516 365-4788

Phone #:

Approval Number
NYSDEC
#9300302

Description of Material

**Non-hazardous Petroleum
Contaminated Soil**

Gross Weight

121 320

Tare Weight

37060

Net Weight

84260

Net Weight (Tons)

42.13

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to applicable regulations.

EEA Inc.
Generator Authorized Agent Name

Michael J. Reed
Signature

5/7/98
Shipment Date

TRANSPORTER

Transporter Name: Liotta & Sons, Inc.

Driver Name (Print):

SCOTT BONEL

Address: 3966 Long Beach Road

Driver's License #/State:

505 060 086 NY

Island Park, New York 11558

State Permit #: 1A-298

Truck #:

95 #16950

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

Scott Bonel 5-7-98
Driver Signature Shipment Date

Scott Bonel 5-7-98
Driver Signature Delivery Date

DESTINATION

Site Name: THE MATERIALS

Phone #:

Address: WINGDALE NY

State Permit #:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Rob Muller
Name of Authorized Agent

Rob Muller
Signature

Receipt Date



Excavation Activities Former Fuel Tank Area





Backfill and Grading of Excavation



Stockpiled Contaminated Soils



Excavation Activities Former Fuel Tank Area



CHAIN OF CUSTODY RECORD

377 Sheffield Avenue, North Babylon, New York 11703
(516) 422-5777 • FAX (516) 422-5770

Client: EEA Inc.
Address: 55 Hilton Avenue
Carlebor City NY 11530
Phone: 746-4400 FAX: 746-4432
Person receiving report: N. Rocha
Sampled by: RB
Source: 4211-4221 9th St. Long Island City NY
Job No.: EEA 98805

Client: EEA Inc.

Address: 55 Hilton Avenue

Carlebu City NY 11530

Phone: 746-4400 FAX: 746-4432

Person receiving report: N. Reckman

Sampled by: KB

Source: 421-4221 9th St. Long Island City NY

Job No.: EEA 98805

[illegible][illegible]

Excellence

Two Week TAT ②

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO.981490.01

04/24/98

Energy & Environmental Analysts, Inc.
55 Hilton Avenue
Garden City, NY 11530
ATTN: Nicholas Recchia

SOURCE OF SAMPLE: 4211-4221 9th. Street, Long Island City
COLLECTED BY: Client DATE COL'D:04/14/98 RECEIVED:04/15/98

SAMPLE: Soil sample, EP#01, 18ft., 12:00 pm

ANALYTICAL PARAMETERS

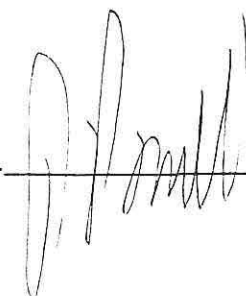
ter-ButylMethylEther	ug/Kg	<2
Benzene	ug/Kg	<2
Toluene	ug/Kg	<2
Ethyl Benzene	ug/Kg	<2
m + p Xylene	ug/Kg	<4
o Xylene	ug/Kg	<2
Xylene	ug/Kg	<6
Isopropylbenzene	ug/Kg	<2
n-Propylbenzene	ug/Kg	<2
135-Trimethylbenzene	ug/Kg	<2
124-Trimethylbenzene	ug/Kg	<2
sec-Butylbenzene	ug/Kg	<2
p-Isopropyltoluene	ug/Kg	<2
n-Butylbenzene	ug/Kg	<2
Naphthalene	ug/Kg	3
tert-Butylbenzene	ug/Kg	<2

% Solids 90

ANALYTICAL PARAMETERS

cc:

REMARKS: EPA Method 8021.

DIRECTOR 

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO:981490.01

04/24/98

Energy & Environmental Analysts, Inc.
55 Hilton Avenue
Garden City, NY 11530
ATTN: Nicholas Recchia

SOURCE OF SAMPLE: 4211-4221 9th. Street, Long Island City
COLLECTED BY: Client DATE COL'D:04/14/98 RECEIVED:04/15/98

SAMPLE: Soil sample, EP#01, 18ft., 12:00 pm
UNITS: ug/Kg

ANALYTICAL PARAMETERS

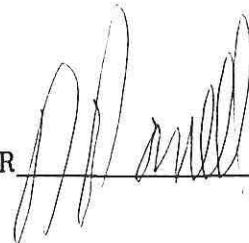
Naphthalene	<30
Acenaphthene	40
Fluorene	43
Phenanthrene	490
Anthracene	110
Fluoranthene	530
Pyrene	700
Benzo(a)anthracene	250
Chrysene	260
Benzo(b)fluoranthene	175^^
Benzo(k)fluoranthene	175^^
Benzo(a)pyrene	210
Dibenzo(a,h)anthracene	<30
Indeno(1,2,3-cd)pyrene	60
Benzo(ghi)perylene	62

ANALYTICAL PARAMETERS

cc:

REMARKS: EPA Method 8270.
^^Total = 350 ug/Kg, unable to separate isomers.

DIRECTOR



rn=

8490

NYSDOH ID# 10320

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO.981490.02

04/24/98

Energy & Environmental Analysts, Inc.
55 Hilton Avenue
Garden City, NY 11530

ATTN: Nicholas Recchia

SOURCE OF SAMPLE: 4211-4221 9th. Street, Long Island City
COLLECTED BY: Client DATE COL'D:04/14/98 RECEIVED:04/15/98

SAMPLE: Soil sample, EP#02, 12:15 pm

ANALYTICAL PARAMETERS

ter-ButylMethylEther	ug/Kg	<2
Benzene	ug/Kg	<2
Toluene	ug/Kg	<2
Ethyl Benzene	ug/Kg	<2
m + p Xylene	ug/Kg	<4
o Xylene	ug/Kg	<2
Xylene	ug/Kg	<6
Isopropylbenzene	ug/Kg	<2
n-Propylbenzene	ug/Kg	<2
135-Trimethylbenzene	ug/Kg	<2
124-Trimethylbenzene	ug/Kg	<2
sec-Butylbenzene	ug/Kg	<2
p-Isopropyltoluene	ug/Kg	<2
n-Butylbenzene	ug/Kg	<2
Naphthalene	ug/Kg	<2
tert-Butylbenzene	ug/Kg	<2

% Solids	90
----------	----

ANALYTICAL PARAMETERS

cc:

REMARKS: EPA Method 8021.

DIRECTOR

rn=

8491

NYSDOH ID# 10320

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO:981490.02

04/24/98

Energy & Environmental Analysts, Inc.
55 Hilton Avenue
Garden City, NY 11530

ATTN: Nicholas Recchia

SOURCE OF SAMPLE: 4211-4221 9th. Street, Long Island City
COLLECTED BY: Client DATE COL'D:04/14/98 RECEIVED:04/15/98

SAMPLE: Soil sample, EP#02, 12:15 pm
UNITS: ug/Kg

ANALYTICAL PARAMETERS

Naphthalene	<30
Acenaphthene	45
Fluorene	54
Phenanthrene	550
Anthracene	130
Fluoranthene	530
Pyrene	690
Benzo(a)anthracene	260
Chrysene	270
Benzo(b)fluoranthene	175^^
Benzo(k)fluoranthene	175^^
Benzo(a)pyrene	200
Dibenzo(a,h)anthracene	<30
Indeno(1,2,3-cd)pyrene	61
Benzo(ghi)perylene	60

ANALYTICAL PARAMETERS

cc:

REMARKS: EPA Method 8270.

^^Total = 350 ug/Kg, unable to separate isomers.

DIRECTOR

rn=

8492

NYSDOH ID# 10320

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO.981490.03

04/24/98

Energy & Environmental Analysts, Inc.
55 Hilton Avenue
Garden City, NY 11530
ATTN: Nicholas Recchia

SOURCE OF SAMPLE: 4211-4221 9th. Street, Long Island City
COLLECTED BY: Client DATE COL'D:04/14/98 RECEIVED:04/15/98

SAMPLE: Soil sample, EP#03, 12:20 pm

ANALYTICAL PARAMETERS

ter. ButylMethylEther	ug/Kg	<2
Benzene	ug/Kg	<2
Toluene	ug/Kg	<2
Ethyl Benzene	ug/Kg	<2
m + p Xylene	ug/Kg	<4
o Xylene	ug/Kg	<2
Xylene	ug/Kg	<6
Isopropylbenzene	ug/Kg	<2
n-Propylbenzene	ug/Kg	<2
135-Trimethylbenzene	ug/Kg	<2
124-Trimethylbenzene	ug/Kg	<2
sec-Butylbenzene	ug/Kg	<2
p-Isopropyltoluene	ug/Kg	<2
n-Butylbenzene	ug/Kg	<2
Naphthalene	ug/Kg	<2
tert-Butylbenzene	ug/Kg	<2
% Solids		92

ANALYTICAL PARAMETERS

cc:

REMARKS: EPA Method 8021.

DIRECTOR 

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO:981490.03

04/24/98

Energy & Environmental Analysts, Inc.
55 Hilton Avenue
Garden City, NY 11530
ATTN: Nicholas Recchia

SOURCE OF SAMPLE: 4211-4221 9th. Street, Long Island City
COLLECTED BY: Client DATE COL'D:04/14/98 RECEIVED:04/15/98

SAMPLE: Soil sample, EP#03, 12:20 pm
UNITS: ug/Kg

ANALYTICAL PARAMETERS

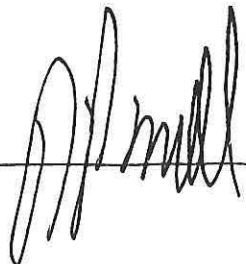
Naphthalene	31
Acenaphthene	58
Fluorene	81
Phenanthrene	760
Anthracene	170
Fluoranthene	770
Pyrene	950
Benzo(a)anthracene	390
Chrysene	410
Benzo(b)fluoranthene	285^^
Benzo(k)fluoranthene	285^^
Benzo(a)pyrene	310
Dibenzo(a,h)anthracene	<30
Indeno(1,2,3-cd)pyrene	98
Benzo(ghi)perylene	97

ANALYTICAL PARAMETERS

cc:

REMARKS: EPA Method 8270.

^^Total = 570 ug/Kg, unable to separate isomers.

DIRECTOR 

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO.981490.04

04/24/98

Energy & Environmental Analysts, Inc.

55 Hilton Avenue

Garden City, NY 11530

ATTN: Nicholas Recchia

SOURCE OF SAMPLE: 4211-4221 9th. Street, Long Island City

COLLECTED BY: Client DATE COL'D:04/14/98 RECEIVED:04/15/98

SAMPLE: Soil sample, EP#04, 12:30 pm

ANALYTICAL PARAMETERS

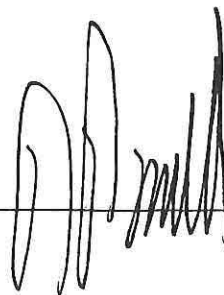
ter. ButylMethylEther	ug/Kg	<2
Benzene	ug/Kg	<2
Toluene	ug/Kg	<2
Ethyl Benzene	ug/Kg	<2
m + p Xylene	ug/Kg	<4
o Xylene	ug/Kg	<2
Xylene	ug/Kg	<6
Isopropylbenzene	ug/Kg	<2
n-Propylbenzene	ug/Kg	<2
135-Trimethylbenzene	ug/Kg	<2
124-Trimethylbenzene	ug/Kg	<2
sec-Butylbenzene	ug/Kg	<2
p-Isopropyltoluene	ug/Kg	<2
n-Butylbenzene	ug/Kg	<2
Naphthalene	ug/Kg	<2
tert-Butylbenzene	ug/Kg	<2
% Solids		92

ANALYTICAL PARAMETERS

cc:

REMARKS: EPA Method 8021.

DIRECTOR



377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO:981490.04

04/24/98

Energy & Environmental Analysts, Inc.
55 Hilton Avenue
Garden City, NY 11530

ATTN: Nicholas Recchia

SOURCE OF SAMPLE: 4211-4221 9th. Street, Long Island City
COLLECTED BY: Client DATE COL'D:04/14/98 RECEIVED:04/15/98SAMPLE: Soil sample, EP#04, 12:30 pm
UNITS: ug/Kg

ANALYTICAL PARAMETERS

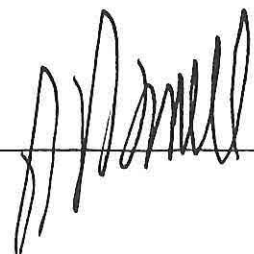
Naphthalene	130
Acenaphthene	130
Fluorene	150
Phenanthrene	1300
Anthracene	300
Fluoranthene	970
Pyrene	1200
Benzo(a)anthracene	440
Chrysene	430
Benzo(b)fluoranthene	300^^
Benzo(k)fluoranthene	300^^
Benzo(a)pyrene	340
Dibenzo(a,h)anthracene	<30
Indeno(1,2,3-cd)pyrene	97
Benzo(ghi)perylene	100

ANALYTICAL PARAMETERS

cc:

REMARKS: EPA Method 8270.

^^Total = 600 ug/Kg, unable to separate isomers.

DIRECTOR 

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO.981490.05

04/24/98

Energy & Environmental Analysts, Inc.

55 Hilton Avenue

Garden City, NY 11530

ATTN: Nicholas Recchia

SOURCE OF SAMPLE: 4211-4221 9th. Street, Long Island City

COLLECTED BY: Client DATE COL'D:04/14/98 RECEIVED:04/15/98

SAMPLE: Soil sample, EP#05, 12:45 pm

ANALYTICAL PARAMETERS

ter. ButylMethylEther	ug/Kg	<2
Benzene	ug/Kg	<2
Toluene	ug/Kg	<2
Ethyl Benzene	ug/Kg	<2
m + p Xylene	ug/Kg	<4
o Xylene	ug/Kg	<2
Xylene	ug/Kg	<6
Isopropylbenzene	ug/Kg	<2
n-Propylbenzene	ug/Kg	<2
135-Trimethylbenzene	ug/Kg	<2
124-Trimethylbenzene	ug/Kg	<2
sec-Butylbenzene	ug/Kg	<2
p-Isopropyltoluene	ug/Kg	<2
n-Butylbenzene	ug/Kg	<2
Naphthalene	ug/Kg	<2
tert-Butylbenzene	ug/Kg	<2
% Solids		88

ANALYTICAL PARAMETERS

cc:

REMARKS: EPA Method 8021.

DIRECTOR

rn=

8497

NYSDOH ID# 10320

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO: 981490.05

04/24/98

Energy & Environmental Analysts, Inc.
55 Hilton Avenue
Garden City, NY 11530

ATTN: Nicholas Recchia

SOURCE OF SAMPLE: 4211-4221 9th. Street, Long Island City
COLLECTED BY: Client DATE COL'D: 04/14/98 RECEIVED: 04/15/98

SAMPLE: Soil sample, EP#05, 12:45 pm
UNITS: ug/Kg

ANALYTICAL PARAMETERS

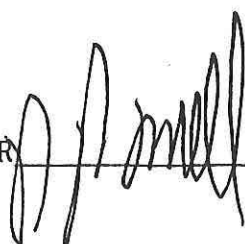
Naphthalene	<30
Acenaphthene	<30
Fluorene	<30
Phenanthrene	220
Anthracene	49
Fluoranthene	380
Pyrene	420
Benzo(a)anthracene	200
Chrysene	220
Benzo(b)fluoranthene	175^^
Benzo(k)fluoranthene	175^^
Benzo(a)pyrene	190
Dibenzo(a,h)anthracene	<30
Indeno(1,2,3-cd)pyrene	70
Benzo(ghi)perylene	69

ANALYTICAL PARAMETERS

cc:

REMARKS: EPA Method 8270.

^^Total = 350 ug/Kg, unable to separate isomers.

DIRECTOR 

rn=

8498

NYSDOH ID# 10320

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO.981490.06

04/24/98

Energy & Environmental Analysts, Inc.
55 Hilton Avenue
Garden City, NY 11530

ATTN: Nicholas Recchia

SOURCE OF SAMPLE: 4211-4221 9th. Street, Long Island City
COLLECTED BY: Client DATE COL'D:04/14/98 RECEIVED:04/15/98

SAMPLE: Soil sample, EP#06, 14:00 pm

ANALYTICAL PARAMETERS

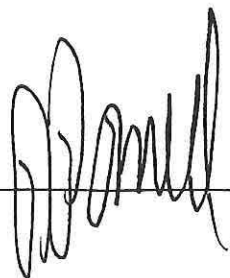
% Solids		91
Chromium as Cr	mg/Kg	12
Lead as Pb	mg/Kg	24
Mercury as Hg	mg/Kg	0.034

ANALYTICAL PARAMETERS

cc:

REMARKS:

DIRECTOR



ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO.981490.07

04/24/98

Energy & Environmental Analysts, Inc.
55 Hilton Avenue
Garden City, NY 11530

ATTN: Nicholas Recchia

SOURCE OF SAMPLE: 4211-4221 9th. Street, Long Island City
COLLECTED BY: Client DATE COL'D:04/14/98 RECEIVED:04/15/98

SAMPLE: Soil sample, EP#07, 14:10 pm

ANALYTICAL PARAMETERS

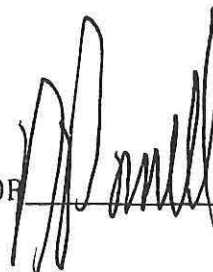
% Solids		91
Chromium as Cr	mg/Kg	11
Lead as Pb	mg/Kg	29
Mercury as Hg	mg/Kg	0.032

ANALYTICAL PARAMETERS

cc:

REMARKS:

DIRECTOR



rn=

8500

NYSDOH ID# 10320

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO.981490.08

04/24/98

Energy & Environmental Analysts, Inc.
55 Hilton Avenue
Garden City, NY 11530
ATTN: Nicholas Recchia

SOURCE OF SAMPLE: 4211-4221 9th. Street, Long Island City
COLLECTED BY: Client DATE COL'D:04/14/98 RECEIVED:04/15/98

SAMPLE: Soil sample, EP#08, 14:20 pm

ANALYTICAL PARAMETERS

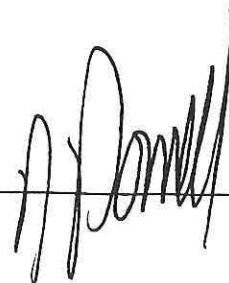
% Solids		91
Chromium as Cr	mg/Kg	11
Lead as Pb	mg/Kg	29
Mercury as Hg	mg/Kg	0.039

ANALYTICAL PARAMETERS

cc:

REMARKS:

DIRECTOR



rn=

8501

NYSDOH ID# 10320

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO.981490.09

04/24/98

Energy & Environmental Analysts, Inc.
55 Hilton Avenue
Garden City, NY 11530
ATTN: Nicholas Recchia

SOURCE OF SAMPLE: 4211-4221 9th. Street, Long Island City
COLLECTED BY: Client DATE COL'D:04/14/98 RECEIVED:04/15/98

SAMPLE: Soil sample, EP#09, 14:30 pm

ANALYTICAL PARAMETERS

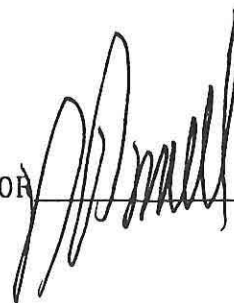
% Solids		91
Chromium as Cr	mg/Kg	10
Lead as Pb	mg/Kg	27
Mercury as Hg	mg/Kg	0.041

ANALYTICAL PARAMETERS

cc:

REMARKS:

DIRECTOR



377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO.981490.10

04/24/98

Energy & Environmental Analysts, Inc.

55 Hilton Avenue

Garden City, NY 11530

ATTN: Nicholas Recchia

SOURCE OF SAMPLE: 4211-4221 9th. Street, Long Island City

COLLECTED BY: Client DATE COL'D:04/14/98 RECEIVED:04/15/98

SAMPLE: Soil sample, EP#10, 15:00 pm

ANALYTICAL PARAMETERS

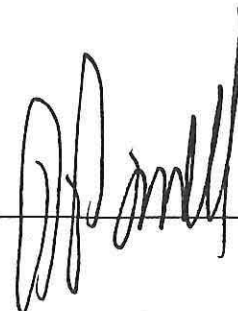
% Solids		92
Chromium as Cr	mg/Kg	9.0
Lead as Pb	mg/Kg	48
Mercury as Hg	mg/Kg	0.039

ANALYTICAL PARAMETERS

cc:

REMARKS:

DIRECTOR



rn=

8503

NYSDOH ID# 10320

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO.981490.11

04/24/98

Energy & Environmental Analysts, Inc.

55 Hilton Avenue

Garden City, NY 11530

ATTN: Nicholas Recchia

SOURCE OF SAMPLE: 4211-4221 9th. Street, Long Island City

COLLECTED BY: Client

DATE COL'D:04/14/98 RECEIVED:04/15/98

SAMPLE: Soil sample, DISP#01, 10:30 am

ANALYTICAL PARAMETERS

Chloromethane	ug/Kg	<10
Vinyl Chloride	ug/Kg	<10
Bromomethane	ug/Kg	<10
Chloroethane	ug/Kg	<10
Trichlorofluomethane	ug/Kg	<10
1,1 Dichloroethene	ug/Kg	<10
Methylene Chloride	ug/Kg	<10
t-1,2-Dichloroethene	ug/Kg	<10
1,1 Dichloroethane	ug/Kg	<10
Chloroform	ug/Kg	<10
111 Trichloroethane	ug/Kg	<10
Carbon Tetrachloride	ug/Kg	<10
Benzene	ug/Kg	<10
1,2 Dichloroethane	ug/Kg	<10
Trichloroethene	ug/Kg	<10
1,2 Dichloropropane	ug/Kg	<10
Bromodichloromethane	ug/Kg	<10
2chloroethvinylether	ug/Kg	<10
t-1,3Dichloropropene	ug/Kg	<10
Toluene	ug/Kg	<10
c-1,3Dichloropropene	ug/Kg	<10
112 Trichloroethane	ug/Kg	<10
Tetrachloroethene	ug/Kg	<10
Chlorodibromomethane	ug/Kg	<10
Chlorobenzene	ug/Kg	<10

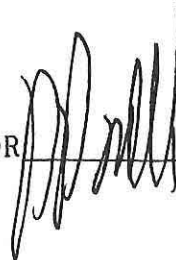
ANALYTICAL PARAMETERS

Ethyl Benzene	ug/Kg	<10
m + p Xylene	ug/Kg	<20
o Xylene	ug/Kg	<10
Bromoform	ug/Kg	<10
1122Tetrachloroethan	ug/Kg	<10
1,2 Dichlorobenzene	ug/Kg	<10
1,3 Dichlorobenzene	ug/Kg	<10
1,4 Dichlorobenzene	ug/Kg	<10
% Solids		87
Flash Point deg C		>100
Reactive cyanide	mg/Kg	<2
pH (lab)	units	8.1

cc:

REMARKS: Analysis was performed by GC/MS, EPA Method 8240.
Elevated detection limit due to interference in sample.

DIRECTOR



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LAB NO:981490.11

04/24/98

Energy & Environmental Analysts, Inc.
55 Hilton Avenue
Garden City, NY 11530
ATTN: Nicholas Recchia

SOURCE OF SAMPLE: 4211-4221 9th. Street, Long Island City
COLLECTED BY: Client DATE COL'D:04/14/98 RECEIVED:04/15/98

SAMPLE: Soil sample, DISP#01, 10:30 am
UNITS: ug/Kg

ANALYTICAL PARAMETERS

N-Nitrosodimethylamine	<300
Bis(2-chloroethyl)ether	<300
1,3 Dichlorobenzene	<300
1,4 Dichlorobenzene	<300
1,2 Dichlorobenzene	<300
Bis(2-chloroisopropyl)ether	<300
N-Nitrosodi-n-propylamine	<300
Hexachloroethane	<300
Nitrobenzene	<300
Isophorone	<300
Bis(2-chloroethoxy)methane	<300
124-Trichlorobenzene	<300
Naphthalene	<300
Hexachlorobutadiene	<300
Hexachlorocyclopentadiene	<3000
2-Chloronaphthalene	<300
Dimethyl Phthalate	<300
Acenaphthylene	<300
2,6-Dinitrotoluene	<300
Acenaphthene	170^
2,4-Dinitrotoluene	<300
Diethyl Phthalate	<300
Fluorene	<300
4-Chlorophenyl phenyl ether	<300
N-Nitrosodiphenylamine	<300

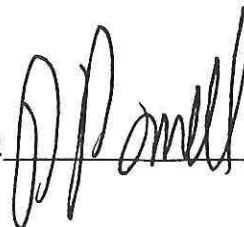
ANALYTICAL PARAMETERS

1,2-Diphenylhydrazine	<300
4-Bromophenyl phenyl ether	<300
Hexachlorobenzene	<300
Phenanthrene	900
Anthracene	250^
Di-n-Butyl Phthalate	<300
Fluoranthene	980
Benzidine	<3000
Pyrene	980
BenzylButylPhthalate	<300
Benzo(a)anthracene	490
3,3'-Dichlorobenzidine	<3000
Chrysene	530
Bis(2-ethylhexyl)phthalate	<300
Di-n-octyl Phthalate	<300
Benzo(b)fluoranthene	390^^
Benzo(k)fluoranthene	390^^
Benzo(a)pyrene	400
Indeno(1,2,3-cd)pyrene	170^
Dibenzo(a,h)anthracene	<300
Benzo(ghi)perylene	160^

cc:

REMARKS: ^Reported below quantification limit.
^^Total = 780 ug/Kg, unable to separate isomers.
Elevated detection limits due to interference in sample.

DIRECTOR



ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO.981490.11

04/24/98

Energy & Environmental Analysts, Inc.

55 Hilton Avenue

Garden City, NY 11530

ATTN: Nicholas Recchia

SOURCE OF SAMPLE: 4211-4221 9th. Street, Long Island City

COLLECTED BY: Client DATE COL'D:04/14/98 RECEIVED:04/15/98

SAMPLE: Soil sample, DISP#01, 10:30 am

ANALYTICAL PARAMETERS

Diesel	ug/Kg	<2000
#2 Fuel Oil	ug/Kg	53000*
#4 Fuel Oil	ug/Kg	<2000
#6 Fuel Oil	ug/Kg	<2000
Lubricating Oil	ug/Kg	<2000
Mineral Spirits	ug/Kg	<2000
JP4	ug/Kg	<2000
JP5	ug/Kg	<2000
Jet A	ug/Kg	<2000
Kerosene	ug/Kg	<2000

ANALYTICAL PARAMETERS

cc:

REMARKS: Diesel Range Organics.

Analyses performed by Modified 8015 Method.

*GC analysis indicates sample contains a product for which closest match found is extremely weathered fuel oil quantified as #2 Fuel Oil. Quality of match = Poor.

DIRECTOR



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LAB NO.981490.11

04/24/98

Energy & Environmental Analysts, Inc.
55 Hilton Avenue
Garden City, NY 11530
ATTN: Nicholas Recchia

SOURCE OF SAMPLE: 4211-4221 9th. Street, LIC, TCLP8MET
COLLECTED BY: Client DATE COL'D:04/14/98 RECEIVED:04/15/98

SAMPLE: Soil sample, DISP#01, 10:30 am

ANALYTICAL PARAMETERS

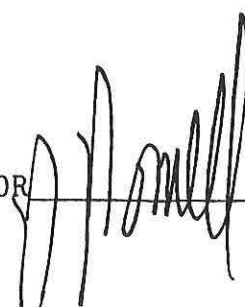
Arsenic as As	mg/L*	<0.05
Barium as Ba	mg/L*	0.63
Cadmium as Cd	mg/L*	<0.3
Chromium as Cr	mg/L*	<0.2
Lead as Pb	mg/L*	<3
Mercury as Hg	mg/L*	<0.001
Selenium as Se	mg/L*	<0.05
Silver as Ag	mg/L*	<0.02

ANALYTICAL PARAMETERS

cc:

REMARKS: * Analysis performed on TCLP Leachate according to
USEPA Method 1311.

DIRECTOR



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NYSDOH ID# 10320