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t**  
**NEW YORK TESTING LABORATORIES, INC.**  
 CALL BOX 1021, 75 URBAN AVENUE, WESTBURY, N.Y. 11590 • (516) 334-7770 • (212) 297-1449 TWX 510-222-0283

Lab. No. 83-70108  
 P.O. No. Pending  
 October 17, 1983

REPORT OF ANALYSIS  
 FOR

HACKENSACK MEADOWLANDS DEVELOPMENT COMM.  
 ONE DEKORTE PARK PLAZA  
 LYNDHURST, NEW JERSEY 07071

Report prepared by:  
 Remo Gigante, Laboratory Director

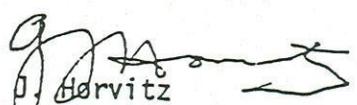
Attention: G.D. Cascino, P.E., P.P.

CERTIFICATION

We certify that this report is a true report of results obtained from our tests of this material.

Respectfully submitted,

NEW YORK TESTING LABORATORIES, INC.

  
 G. D. Horvitz  
 Chief Officer

GJH/eg

# NEW YORK TESTING LABORATORIES, INC.



Chemical Analysis:

Sample Identification

	<u>OW#1</u>	<u>OW#2</u>	<u>OW#3</u>	<u>OW#4</u>
Color (Pt/co units)	100	70	40	> 150
Taste	metallic	metallic	metallic	metallic
Odor (TON)	< 1	< 1	25	125
Oxidation-Reduction (mv)	+450.0	+391.6	+375.0	+ 434.7
Total Coliform (MPN/100ml.)	1.7 x 10 <sup>4</sup>	240	< 2	350
Fecal Coliform (MPN/100ml.)	920	130	< 2	13

Esq.

Results in mg/l:

Cyanide	< 0.02	< 0.02	0.03	0.04
Surfactants	1.04	0.34	0.38	0.89
Chloride	580	922	62	1045
Total Hardness (as CaCO <sub>3</sub> )	953	953	292	292
Nitrate	< 0.04	< 0.04	< 0.04	< 0.04
Total Phenols	0.058	0.027	0.131	0.108
Sulfate	28	19	127	60
Total Dissolved Solids	2413	2157	2422	2828
BOD, 5 Day	7	< 1	10	15
COD	1200	800	800	1000
Arsenic	0.054	0.139	0.068	0.058
Barium	1.31	1.12	0.83	0.76
Cadmium	0.010	0.010	0.013	0.012
Hexavalent Chromium	< 0.005	< 0.005	< 0.005	< 0.005
Copper	0.177	0.819	0.384	0.111
Lead	0.632	0.621	0.563	0.233
Selenium	0.028	0.020	0.008	0.012
Silver	< 0.006	< 0.006	< 0.006	< 0.006
Iron	149.50	894.50	299.50	92.00
Manganese	2.48	28.70	9.24	1.72
Sodium	483.50	387.50	69.50	717.50
Zinc	0.452	2.181	1.322	0.237

< = Less than  
> = Greater than

## NEW YORK TESTING LABORATORIES, INC.

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Lab No. 83-70108

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# NEW YORK TESTING LABORATORIES, INC.

Page 1.

Lab No. 83-70108

## 1.0 INTRODUCTION

The results we obtained on your samples are presented in a tabular format immediately after this introduction. Following the sample results, the Gas Chromatographic/Mass Spectral data generated in the analysis of your samples are included. A Quality Assurance Plan is listed in Paragraph 3.0, which includes objectives, project organization and responsibilities, sampling procedures, analytical procedures, calibration procedures, references and frequencies, data reduction, validation and reporting, internal quality control checks and frequencies, quality assurance performance audits, system audits and frequencies.

Also presented are the GC/MS calibration data and the internal standard, surrogate standard recoveries.

## 1.1 SAMPLE IDENTIFICATION

The submitted samples delivered on 9/23/83 were identified as the following:

OW-1  
OW-2  
OW-3  
OW-4

# NEW YORK TESTING LABORATORIES, INC.

Page 2.

Lab No. 83-70108

## 2.0 RESULTS

The results obtained on your samples are listed on the following pages. The compounds of interest are listed with their CAS (Chemical Abstract Services) number, method number, and the method detection limit. When a compound is searched for and cannot be found, it is reported as ND (not detected). When it is found at concentrations lower than the Method Detection Limit it is reported as < (MDL), otherwise the concentration is reported in ug/l.

The data on the recovery of the surrogates spiked into your samples are listed in Paragraph 5.0.

## NEW YORK TESTING LABORATORIES, INC.

Page 4.

SAMPLE IDENTIFICATION NO. OW-2

Lab No. 83-70108

VOLATILE COMPOUNDS

<u>Parameter</u>	<u>Method No.</u>	<u>CAS No.</u>	<u>Method Detection Limit * (ppb)</u>	<u>Found (ppb)</u>
Acrolein	603, 624	107-02-8	100	ND
Acrylonitrile	603, 624	107-13-1	100	ND
Benzene	624	71-43-2	10	ND
Bromodichloromethane	624	75-27-4	10	ND
Bromoform	624	75-25-2	10	ND
Bromomethane	624	74-83-9	10	ND
Carbon Tetrachloride	624	56-23-5	10	ND
Chlorobenzene	624	108-90-7	10	ND
Chlorodibromomethane	624	124-48-1	10	ND
Chloroethane	624	75-00-3	10	ND
1-Chloroethyl vinyl ether	624	110-75-8	10	ND
Chloroform	624	67-66-3	10	ND
Chloromethane	624	74-87-3	10	ND
1,1-Dichlorodifluoromethane	624	75-71-8	10	ND
1,1-Dichloroethane	624	75-34-3	10	ND
1,2-Dichloroethane	624	107-06-2	10	ND
1,1-Dichloroethylene	624	75-35-4	10	ND
trans-1,2-Dichloroethylene	624	156-60-5	10	ND
1,2-Dichloropropane	624	78-87-5	10	ND
1,2-Dichloropropene	624	10061-02-6	10	ND
Toluene	624	100-41-4	10	ND
Vinylbenzene	624	75-09-2	10	ND
1,1,1-Trichloroethane	624	79-34-5	10	ND
1,1,2-Trichloroethane	624	127-18-4	10	ND
1,1,2-Trichloroethylene	624	108-88-3	10	ND
1,1,1-Trichloroethane	624	71-55-6	10	ND
1,1,2-Trichloroethane	624	79-00-5	10	ND
1,1,2-Trichloroethylene	624	79-01-6	10	ND
1,1,1-Trifluoromethane	624	75-69-4	10	ND
1,1,2-Trifluoroethane	624	75-01-4	10	ND

None Detected

Published method detection limit

Σ VOC = 0

## NEW YORK TESTING LABORATORIES, INC.

Page 5.

SAMPLE IDENTIFICATION NO. OW-3

Lab No. 83-70108

VOLATILE COMPOUNDS

<u>Parameter</u>	<u>Method No.</u>	<u>CAS No.</u>	<u>Method Detection Limit * (ppb)</u>	<u>Found (ppb)</u>
Acrolein	603, 624	107-02-8	100	ND
Acrylonitrile	603, 624	107-13-1	100	ND
Benzene	624	71-43-2	10	ND
Bromodichloromethane	624	75-27-4	10	ND
Bromoform	624	75-25-2	10	ND
Bromomethane	624	74-83-9	10	ND
Carbon Tetrachloride	624	56-23-5	10	ND
Chlorobenzene	624	108-90-7	10	ND
Chlorodibromomethane	624	124-48-1	10	ND
Chloroethane	624	75-00-3	10	ND
Chloroethyl vinyl ether	624	110-75-8	10	ND
Chloroform	624	67-66-3	10	ND
Chloromethane	624	74-87-3	10	ND
Chlorodifluoromethane	624	75-71-8	10	ND
1,1-Dichloroethane	624	75-34-3	10	ND
1,2-Dichloroethane	624	107-06-2	10	ND
1,1-Dichloroethylene	624	75-35-4	10	ND
trans-1,2-Dichloroethylene	624	156-60-5	10	ND
1,2-Dichloropropane	624	78-87-5	10	ND
1,2-Dichloropropene	624	10061-02-6	10	ND
Toluene	624	100-41-4	10	ND
Styrene Chloride	624	75-09-2	10	42
1,1,2,2-Tetrachloroethane	624	79-34-5	10	ND
1,1,2-Trichloroethylene	624	127-18-4	10	ND
1,1,1-Trichloroethane	624	108-88-3	10	ND
1,1,2-Trichloroethane	624	71-55-6	10	ND
1,1,1-Trichloroethylene	624	79-00-5	10	ND
1,1,2-Trichloroethylene	624	79-01-6	10	ND
1,1,1-Trifluoromethane	624	75-69-4	10	ND
1,1,2-Trifluoroethane	624	75-01-4	10	ND

None Detected

Published method detection limit

 $\Sigma \text{VOC} = 42$

## NEW YORK TESTING LABORATORIES, INC.

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SAMPLE IDENTIFICATION NO. OW-3

Lab No. 83-70108

<u>Parameter</u>	<u>Method No.</u>	<u>CAS No.</u>	<u>Method Detection Limit * (ppb)</u>	<u>Found (ppb)</u>
Acrolein	603, 624	107-02-8	100	ND
Acrylonitrile	603, 624	107-13-1	100	ND
Benzene	624	71-43-2	10	ND
Bromodichloromethane	624	75-27-4	10	ND
Bromoform	624	75-25-2	10	ND
Bromomethane	624	74-83-9	10	ND
Carbon Tetrachloride	624	56-23-5	10	ND
Chlorobenzene	624	108-90-7	10	ND
Chlorodibromomethane	624	124-48-1	10	ND
Chloroethane	624	75-00-3	10	ND
2-Chloroethyl vinyl ether	624	110-75-8	10	ND
Chloroform	624	67-66-3	10	ND
Chloromethane	624	74-87-3	10	ND
Dichlorodifluoromethane	624	75-71-8	10	ND
1,1-Dichloroethane	624	75-34-3	10	ND
1,2-Dichloroethane	624	107-06-2	10	ND
1,1-Dichloroethylene	624	75-35-4	10	ND
Trans-1,2-Dichloroethylene	624	156-60-5	10	ND
1,2-Dichloropropane	624	78-87-5	10	ND
1,3-Dichloropropene	624	10061-02-6	10	ND
Ethylbenzene	624	100-41-4	10	ND
Methylene Chloride	624	75-09-2	10	ND
1,1,2,2-Tetrachloroethane	624	79-34-5	10	ND
Tetrachloroethylene	624	127-18-4	10	ND
Toluene	624	108-88-3	10	ND
1,1,1-Trichloroethane	624	71-55-6	10	ND
1,1,2-Trichloroethane	624	79-00-5	10	ND
Trichloroethylene	624	79-01-6	10	ND
Trichlorofluoromethane	624	75-69-4	10	ND
Vinyl chloride	624	75-01-4	10	ND

ND = None Detected

EPA published method detection limit

Σ VOC = 0

## NEW YORK TESTING LABORATORIES, INC.

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SAMPLE IDENTIFICATION NO. OW-4

Lab No. 83-70108

VOLATILE COMPOUNDS

<u>Parameter</u>	<u>Method No.</u>	<u>CAS No.</u>	<u>Method Detection Limit * (ppb)</u>	<u>Found (ppb)</u>
Acrolein	603, 624	107-02-8	100	ND
Acrylonitrile	603, 624	107-13-1	100	ND
Benzene	624	71-43-2	10	ND
Bromodichloromethane	624	75-27-4	10	ND
Bromoform	624	75-25-2	10	ND
Bromomethane	624	74-83-9	10	ND
Carbon Tetrachloride	624	56-23-5	10	ND
Chlorobenzene	624	108-90-7	10	ND
Chlorodibromomethane	624	124-48-1	10	ND
Chloroethane	624	75-00-3	10	ND
Chloroethyl vinyl ether	624	110-75-8	10	ND
Chloroform	624	67-66-3	10	ND
Chloromethane	624	74-87-3	10	ND
Chlorodifluoromethane	624	75-71-8	10	ND
1,1-Dichloroethane	624	75-34-3	10	ND
1,2-Dichloroethane	624	107-06-2	10	ND
1,1-Dichloroethylene	624	75-35-4	10	ND
trans-1,2-Dichloroethylene	624	156-60-5	10	ND
1,1-Dichloropropane	624	78-87-5	10	ND
1,1-Dichloropropene	624	10061-02-6	10	ND
1,1,1-Trichlorobenzene	624	100-41-4	10	17
1,1,1,2-Tetrachloroethane	624	75-09-2	10	ND
1,1-Dichloroethylene	624	79-34-5	10	ND
1,1,2-Trichloroethane	624	127-18-4	10	ND
1,1,1-Trichloroethane	624	108-88-3	10	ND
1,1,2-Trichloroethane	624	71-55-6	10	ND
1,1,1-Trichloroethylene	624	79-00-5	10	ND
1,1,2-Trichloroethylene	624	79-01-6	10	ND
1,1,1-Trifluoromethane	624	75-69-4	10	ND
1,1,1-Trifluoroethane	624	75-01-4	10	ND

\* Unpublished method detection limit

Σ VDC = 17

## NEW YORK TESTING LABORATORIES, INC.

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SAMPLE IDENTIFICATION NO. OW-1

Lab No. 83-70108

<u>BASE/NEUTRAL COMPOUNDS</u>				
<u>Parameter</u>	<u>Method No.</u>	<u>CAS #</u>	<u>Method Detection Limit * (ppb)</u>	<u>Found (ppb)</u>
Acenaphthene	625	83-32-9	10	ND
Acenaphthylene	625	208-96-8	10	ND
Anthracene	625	120-12-7	10	ND
Benzo (a) anthracene	625	56-55-3	10	ND
Benzo (b) fluoroanthene	625	205-99-2	10	ND
Benzo (k) fluoroanthene	625	207-08-9	10	ND
Benzo (a) pyrene	625	50-32-8	10	ND
Benzo (g,h,i) perylene	625	191-24-2	25	ND
Benzidine	625	92-87-5	10	ND
Bis (2-chloroethyl) ether	625	111-44-4	25	ND
Bis (2-chloroethoxy) methane	625	111-91-1	10	ND
Bis (2-ethylhexyl) phthalate	625	117-81-7	10	ND
Bis (2-chloroisopropyl) ether	625	39638-32-9	10	ND
4-Bromophenyl phenyl ether	625	101-55-3	10	ND
Butylbenzylphthalate	625	85-68-7	10	ND
2-Chloronaphthalene	625	91-58-7	10	ND
4-Chlorophenylphenylether	625	7005-72-3	10	ND
Chrysene	625	218-01-9	10	ND
Dibenzo (a,h) anthracene	625	53-70-3	25	ND
Di-N-Butylphthalate	625	84-74-2	10	ND
1,2-Dichlorobenzene	625	95-50-1	10	ND
1,3-Dichlorobenzene	625	541-73-1	10	ND
1,4-Dichlorobenzene	625	106-46-7	10	ND
3,3'-Dichlorobenzidine	625	91-94-1	10	ND
Diethylphthalate	625	84-66-2	10	ND
Dimethylphthalate	625	131-11-3	10	ND

ND = None Detected

\*EPA published method detection limit

## NEW YORK TESTING LABORATORIES, INC.

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SAMPLE IDENTIFICATION NO. OW-1

Lab No. 83-70108

<u>BASE/NEUTRAL COMPOUNDS</u> - continued				
<u>Parameter</u>	<u>Method No.</u>	<u>CAS #</u>	<u>Method Detection Limit * (ppb)</u>	<u>Found (ppb)</u>
2,4-Dinitrotoluene	625	121-14-2	10	ND
2,6-Dinitrotoluene	625	606-20-2	10	ND
Di-octyl-phthalate	625	117-84-0	10	ND
1,2-Diphenylhydrazine	625	112-66-7	10	ND
Fluoroanthene	625	206-44-0	10	ND
Fluorene	625	86-73-7	10	ND
Hexachlorobenzene	625	118-74-1	10	ND
Hexachlorobutadiene	625	87-68-3	10	ND
Hexachloroethane	625	67-72-1	10	ND
Hexachlorocyclopentadiene	625	77-47-4	10	ND
Indeno (1,2,3-cd) pyrene	625	193-39-5	25	ND
Isophorone	625	78-59-1	10	ND
Napthalene	625	91-20-3	10	16
Nitrobenzene	625	98-95-3	10	ND
N-Nitrosodimethylamine	625	62-75-9	25	ND
N-Nitrosodi-N-propylamine	625	621-64-7	10	ND
N-Nitrosodiphenylamine	625	86-30-6	10	ND
Phenanthrene	625	85-01-8	10	ND
Pyrene	625	129-00-0	10	ND
1,2,4-Trichlorobenzene	625	120-82-1	10	ND
2,3,7,8-Tetrachlorodibenzo -p-dioxin	625	1746-01-6	-	ND

ND = None Detected

\*EPA published method detection limit

 $\Sigma$  Base Metals = 16

## NEW YORK TESTING LABORATORIES, INC.

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SAMPLE IDENTIFICATION NO. OW-2

Lab No. 83-70108

<u>BASE/NEUTRAL COMPOUNDS</u>				
<u>Parameter</u>	<u>Method No.</u>	<u>CAS #</u>	<u>Method Detection Limit * (ppb)</u>	<u>Found (ppb)</u>
Acenaphthene	625	83-32-9	10	ND
Acenaphthylene	625	208-96-8	10	ND
Anthracene	625	120-12-7	10	ND
Benzo (a) anthracene	625	56-55-3	10	ND
Benzo (b) fluoroanthene	625	205-99-2	10	ND
Benzo (k) fluoroanthene	625	207-08-9	10	ND
Benzo (a) pyrene	625	50-32-8	10	ND
Benzo (g,h,i) perylene	625	191-24-2	25	ND
Benzidine	625	92-87-5	10	ND
Bis (2-chloroethyl) ether	625	111-44-4	25	ND
Bis (2-chloroethoxy) methane	625	111-91-1	10	ND
Bis (2-ethylhexyl) phthalate	625	117-81-7	10	401
Bis (2-chloroisopropyl) ether	625	39638-32-9	10	ND
4-Bromophenyl phenyl ether	625	101-55-3	10	ND
Butylbenzylphthalate	625	85-68-7	10	ND
2-Chloronaphthalene	625	91-58-7	10	ND
4-Chlorophenylphenylether	625	7005-72-3	10	ND
Chrysene	625	218-01-9	10	ND
Dibenzo (a,h) anthracene	625	53-70-3	25	ND
Di-N-Butylphthalate	625	84-74-2	10	ND
1,2-Dichlorobenzene	625	95-50-1	10	ND
1,3-Dichlorobenzene	625	541-73-1	10	ND
1,4-Dichlorobenzene	625	106-46-7	10	ND
3,3'-Dichlorobenzidine	625	91-94-1	10	ND
Diethylphalate	625	84-66-2	10	ND
Dimethylphalate	625	131-11-3	10	ND

ND = None Detected

\*EPA published method detection limit

## NEW YORK TESTING LABORATORIES, INC.

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SAMPLE IDENTIFICATION NO. OW-2

Lab No. 83-70108

<u>Parameter</u>	<u>Method No.</u>	<u>CAS #</u>	<u>Method Detection Limit * (ppb)</u>	<u>Found (ppb)</u>
2,4-Dinitrotoluene	625	121-14-2	10	ND
2,6-Dinitrotoluene	625	606-20-2	10	ND
Di-octyl-phthalate	625	117-84-0	10	ND
1,2-Diphenylhydrazine	625	112-66-7	10	ND
Fluoroanthene	625	206-44-0	10	ND
Fluorene	625	86-73-7	10	ND
Hexachlorobenzene	625	118-74-1	10	ND
Hexachlorobutadiene	625	87-68-3	10	ND
Hexachloroethane	625	67-72-1	10	ND
Hexachlorocyclopentadiene	625	77-47-4	10	ND
Indeno (1,2,3-cd) pyrene	625	193-39-5	25	ND
Isophorone	625	78-59-1	10	ND
Napthalene	625	91-20-3	10	ND
Nitrobenzene	625	98-95-3	10	ND
N-Nitrosodimethylamine	625	62-75-9	25	ND
N-Nitrosodi-N-propylamine	625	621-64-7	10	ND
N-Nitrosodiphenylamine	625	86-30-6	10	ND
Phenanthrene	625	85-01-8	10	ND
Pyrene	625	129-00-0	10	ND
1,2,4-Trichlorobenzene	625	120-82-1	10	ND
2,3,7,8-Tetrachlorodibenzo -p-dioxin	625	1746-01-6	-	ND

ND = None Detected

\*EPA published method detection limit

$\Sigma$  base neutrals = 40'  
from PVC glue?

## NEW YORK TESTING LABORATORIES, INC.

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SAMPLE IDENTIFICATION NO. OW-3

Lab No. 83-70108

BASE/NEUTRAL COMPOUNDS

<u>Parameter</u>	<u>Method No.</u>	<u>CAS #</u>	<u>Method Detection Limit * (ppb)</u>	<u>Found (ppb)</u>
Acenaphthene	625	83-32-9	10	ND
Acenaphthylene	625	208-96-8	10	ND
Anthracene	625	120-12-7	10	ND
Benzo (a) anthracene	625	56-55-3	10	ND
Benzo (b) fluoroanthene	625	205-99-2	10	ND
Benzo (k) fluoroanthene	625	207-08-9	10	ND
Benzo (a) pyrene	625	50-32-8	10	ND
Benzo (g,h,i) perylene	625	191-24-2	25	ND
Benzidine	625	92-87-5	10	ND
Bis (2-chloroethyl) ether	625	111-44-4	25	ND
Bis (2-chloroethoxy) methane	625	111-91-1	10	ND
Bis (2-ethylhexyl) phthalate	625	117-81-7	10	ND
Bis (2-chloroisopropyl) ether	625	39638-32-9	10	ND
4-Bromophenyl phenyl ether	625	101-55-3	10	ND
Butylbenzylphthalate	625	85-68-7	10	ND
2-Chloronaphthalene	625	91-58-7	10	ND
4-Chlorophenylphenylether	625	7005-72-3	10	ND
Chrysene	625	218-01-9	10	ND
Dibenzo (a,h) anthracene	625	53-70-3	25	ND
Di-N-Butylphthalate	625	84-74-2	10	ND
1,2-Dichlorobenzene	625	95-50-1	10	ND
1,3-Dichlorobenzene	625	541-73-1	10	ND
1,4-Dichlorobenzene	625	106-46-7	10	ND
3,3'-Dichlorobenzidine	625	91-94-1	10	ND
Diethylphalate	625	84-66-2	10	ND
Dimethylphalate	625	131-11-3	10	ND

ND = None Detected

\*EPA published method detection limit

## NEW YORK TESTING LABORATORIES, INC.

Page 13.

SAMPLE IDENTIFICATION NO. OW-3

Lab No. 83-70108

<u>BASE/NEUTRAL COMPOUNDS</u> - continued				
<u>Parameter</u>	<u>Method No.</u>	<u>CAS #</u>	<u>Method Detection Limit * (ppb)</u>	<u>Found (ppb)</u>
2,4-Dinitrotoluene	625	121-14-2	10	ND
2,6-Dinitrotoluene	625	606-20-2	10	ND
Di-octyl-phthalate	625	117-84-0	10	ND
1,2-Diphenylhydrazine	625	112-66-7	10	ND
Fluoroanthene	625	206-44-0	10	ND
Fluorene	625	86-73-7	10	ND
Hexachlorobenzene	625	118-74-1	10	ND
Hexachlorobutadiene	625	87-68-3	10	ND
Hexachloroethane	625	67-72-1	10	ND
Hexachlorocyclopentadiene	625	77-47-4	10	ND
Indeno (1,2,3-cd) pyrene	625	193-39-5	25	ND
Isophorone	625	78-59-1	10	ND
Napthalene	625	91-20-3	10	ND
Nitrobenzene	625	98-95-3	10	ND
N-Nitrosodimethylamine	625	62-75-9	25	ND
N-Nitrosodi-N-propylamine	625	621-64-7	10	ND
N-Nitrosodiphenylamine	625	86-30-6	10	ND
Phenanthrene	625	85-01-8	10	ND
Pyrene	625	129-00-0	10	ND
1,2,4-Trichlorobenzene	625	120-82-1	10	ND
2,3,7,8-Tetrachlorodibenzo -p-dioxin	625	1746-01-6	-	ND

ND = None Detected

\*EPA published method detection limit

*Σ base neutral = 0*

## NEW YORK TESTING LABORATORIES, INC.

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SAMPLE IDENTIFICATION NO. OW-4

Lab No. 83-70108

<u>BASE/NEUTRAL COMPOUNDS</u>				
<u>Parameter</u>	<u>Method No.</u>	<u>CAS #</u>	<u>Method Detection Limit * (ppb)</u>	<u>Found (ppb)</u>
Acenaphthene	625	83-32-9	10	ND
Acenaphthylene	625	208-96-8	10	ND
Anthracene	625	120-12-7	10	ND
Benzo (a) anthracene	625	56-55-3	10	ND
Benzo (b) fluoroanthene	625	205-99-2	10	ND
Benzo (k) fluoroanthene	625	207-08-9	10	ND
Benzo (a) pyrene	625	50-32-8	10	ND
Benzo (g,h,i) perylene	625	191-24-2	25	ND
Benzidine	625	92-87-5	10	ND
Bis (2-chloroethyl) ether	625	111-44-4	25	ND
Bis (2-chloroethoxy) methane	625	111-91-1	10	ND
Bis (2-ethylhexyl) phthalate	625	117-81-7	10	495
Bis (2-chloroisopropyl) ether	625	39638-32-9	10	ND
4-Bromophenyl phenyl ether	625	101-55-3	10	ND
Butylbenzylphthalate	625	85-68-7	10	ND
2-Chloronaphthalene	625	91-58-7	10	ND
4-Chlorophenylphenylether	625	7005-72-3	10	ND
Chrysene	625	218-01-9	10	ND
Dibenzo (a,h) anthracene	625	53-70-3	25	ND
Di-N-Butylphthalate	625	84-74-2	10	ND
1,2-Dichlorobenzene	625	95-50-1	10	ND
1,3-Dichlorobenzene	625	541-73-1	10	ND
1,4-Dichlorobenzene	625	106-46-7	10	ND
3,3'-Dichlorobenzidine	625	91-94-1	10	ND
Diethylphthalate	625	84-66-2	10	ND
Dimethylphthalate	625	131-11-3	10	ND

ND = None Detected

\*EPA published method detection limit

## NEW YORK TESTING LABORATORIES, INC.

Page 15.

SAMPLE IDENTIFICATION NO. OW-4

Lab No. 83-70108

BASE/NEUTRAL COMPOUNDS - continued

<u>Parameter</u>	<u>Method No.</u>	<u>CAS #</u>	<u>Method Detection Limit * (ppb)</u>	<u>Found (ppb)</u>
2,4-Dinitrotoluene	625	121-14-2	10	ND
2,6-Dinitrotoluene	625	606-20-2	10	ND
Di-octyl-phthalate	625	117-84-0	10	ND
1,2-Diphenylhydrazine	625	112-66-7	10	ND
Fluoroanthene	625	206-44-0	10	ND
Fluorene	625	86-73-7	10	ND
Hexachlorobenzene	625	118-74-1	10	ND
Hexachlorobutadiene	625	87-68-3	10	ND
Hexachloroethane	625	67-72-1	10	ND
Hexachlorocyclopentadiene	625	77-47-4	10	ND
Indeno (1,2,3-cd) pyrene	625	193-39-5	25	ND
Isophorone	625	78-59-1	10	ND
Napthalene	625	91-20-3	10	ND
Nitrobenzene	625	98-95-3	10	ND
N-Nitrosodimethylamine	625	62-75-9	25	ND
N-Nitrosodi-N-propylamine	625	621-64-7	10	ND
N-Nitrosodiphenylamine	625	86-30-6	10	ND
Phenanthrene	625	85-01-8	10	ND
Pyrene	625	129-00-0	10	ND
1,2,4-Trichlorobenzene	625	120-82-1	10	ND
2,3,7,8-Tetrachlorodibenzo -p-dioxin	625	1746-01-6	-	ND

ND = None Detected

\*EPA published method detection limit

*Σ base method  
= 495  
PCV ghe?*

## NEW YORK TESTING LABORATORIES, INC.

Page 16.

SAMPLE IDENTIFICATION NO. OW-1

Lab No. 83-70108

ACID COMPOUNDS

<u>Parameter</u>	<u>Method No.</u>	<u>CAS #</u>	<u>Method Detection Limit * (ppb)</u>	<u>Found (ppb)</u>
4-Chloro-3-methylphenol	625	59-50-7	25	ND
2-Chlorophenol	625	95-57-8	25	ND
2,4-Dichlorophenol	625	120-83-2	25	ND
2,4-Dimethylphenol	625	05-67-9	25	ND
2,4-Dinitrophenol	625	51-28-5	250	ND
2-Methyl-4,6-dinitrophenol	625	534-52-1	250	ND
2-Nitrophenol	625	88-75-5	25	ND
4-Nitrophenol	625	100-01-7	25	ND
Pentachlorophenol	625	87-86-5	25	ND
Phenol	625	108-95-2	25	ND
2,4,6-Trichlorophenol	625	88-06-02	25	ND

ND = None Detected

\*EPA published method detection limit

 $\Sigma$  Acid Tot = 0

## NEW YORK TESTING LABORATORIES, INC.

Page 17.

SAMPLE IDENTIFICATION NO. OW-2

Lab No. 83-70108

ACID COMPOUNDS

<u>Parameter</u>	<u>Method No.</u>	<u>CAS #</u>	<u>Method Detection Limit * (ppb)</u>	<u>Found (ppb)</u>
4-Chloro-3-methylphenol	625	59-50-7	25	ND
2-Chlorophenol	625	95-57-8	25	ND
2,4-Dichlorophenol	625	120-83-2	25	ND
2,4-Dimethylphenol	625	05-67-9	25	ND
2,4-Dinitrophenol	625	51-28-5	250	ND
2-Methyl-4,6-dinitrophenol	625	534-52-1	250	ND
2-Nitrophenol	625	88-75-5	25	ND
4-Nitrophenol	625	100-01-7	25	ND
Pentachlorophenol	625	87-86-5	25	ND
Phenol	625	108-95-2	25	ND
2,4,6-Trichlorophenol	625	88-06-02	25	ND

ND = None Detected

\*EPA published method detection limit

0

## NEW YORK TESTING LABORATORIES, INC.

Page 18.

SAMPLE IDENTIFICATION NO. OW-3

Lab No. 83-70108

ACID COMPOUNDS

<u>Parameter</u>	<u>Method No.</u>	<u>CAS #</u>	<u>Method Detection Limit * (ppb)</u>	<u>Found (ppb)</u>
4-Chloro-3-methylphenol	625	59-50-7	25	ND
2-Chlorophenol	625	95-57-8	25	ND
2,4-Dichlorophenol	625	120-83-2	25	ND
2,4-Dimethylphenol	625	05-67-9	25	ND
2,4-Dinitrophenol	625	51-28-5	250	ND
2-Methyl-4,6-dinitrophenol	625	534-52-1	250	ND
2-Nitrophenol	625	88-75-5	25	ND
4-Nitrophenol	625	100-01-7	25	ND
Pentachlorophenol	625	87-86-5	25	ND
Phenol	625	108-95-2	25	27
2,4,6-Trichlorophenol	625	88-06-02	25	ND

ND = None Detected

\*EPA published method detection limit

Σ = 27

## NEW YORK TESTING LABORATORIES, INC.

Page 19.

SAMPLE IDENTIFICATION NO. OW-4

Lab No. 83-70108

ACID COMPOUNDS

<u>Parameter</u>	<u>Method No.</u>	<u>CAS #</u>	<u>Method Detection Limit * (ppb)</u>	<u>Found (ppb)</u>
4-Chloro-3-methylphenol	625	59-50-7	25	ND
2-Chlorophenol	625	95-57-8	25	ND
2,4-Dichlorophenol	625	120-83-2	25	ND
2,4-Dimethylphenol	625	05-67-9	25	ND
2,4-Dinitrophenol	625	51-28-5	250	ND
2-Methyl-4,6-dinitrophenol	625	534-52-1	250	ND
2-Nitrophenol	625	88-75-5	25	ND
4-Nitrophenol	625	100-01-7	25	ND
Pentachlorophenol	625	87-86-5	25	ND
Phenol	625	108-95-2	25	ND
2,4,6-Trichlorophenol	625	88-06-02	25	ND

ND = None Detected

\*EPA published method detection limit

Σ = 0

## NEW YORK TESTING LABORATORIES, INC.

Page 20.

SAMPLE IDENTIFICATION NO. OW-4 Duplicate

Lab No. 83-70108

ACID COMPOUNDS

<u>Parameter</u>	<u>Method No.</u>	<u>CAS #</u>	<u>Method Detection Limit * (ppb)</u>	<u>Found (ppb)</u>
4-Chloro-3-methylphenol	625	59-50-7	25	ND
2-Chlorophenol	625	95-57-8	25	ND
2,4-Dichlorophenol	625	120-83-2	25	ND
2,4-Dimethylphenol	625	05-67-9	25	ND
2,4-Dinitrophenol	625	51-28-5	250	ND
2-Methyl-4,6-dinitrophenol	625	534-52-1	250	ND
2-Nitrophenol	625	88-75-5	25	ND
4-Nitrophenol	625	100-01-7	25	ND
Pentachlorophenol	625	87-86-5	25	ND
Phenol	625	108-95-2	25	ND
2,4,6-Trichlorophenol	625	88-06-02	25	ND

ND = None Detected

\*EPA published method detection limit

## NEW YORK TESTING LABORATORIES, INC.

Page 21.

SAMPLE IDENTIFICATION NO. OW-1

Lab No. 83-70108

PESTICIDE COMPOUNDS

<u>Parameter</u>	<u>Method No.</u>	<u>CAS No.</u>	<u>Method Detection Limit* (ppb)</u>	<u>Found (ppb)</u>
Aldrin	608,625	309-00-2	10	ND
$\alpha$ -BHC	608,625	319-84-6	10	ND
$\beta$ -BHC	608,625	319-85-7	10	ND
$\delta$ -BHC	608,625	319-86-8	10	ND
$\gamma$ -BHC	608,625	58-89-9	10	ND
Chlordane	608,625	57-74-9	10	ND
Dieldrin	608,625	60-57-1	10	ND
$\alpha$ -Endosulfan	608,625	959-98-8	10	ND
$\beta$ -Endosulfan	608,625	33213-65-9	10	ND
Endosulfan sulfate	608,625	1031-07-08	10	ND
Endrin	608,625	72-20-8	10	ND
Endrin aldehyde	608,625	7421-93-4	10	ND
Heptachlor	608,625	76-44-8	10	ND
Heptachlor Epoxide	608,625	1024-57-3	10	ND
4,4'-DDT	608,625	50-29-3	10	ND
4,4'-DDE	608,625	72-55-9	10	ND
4,4'-DDD	608,625	72-54-8	10	ND
PCB 1016	608,625	12674-11-2	10	ND
PCB 1221	608,625	11104-28-2	10	ND
PCB 1232	608,625	11141-16-5	10	ND
PCB 1242	608,625	53469-21-9	10	ND
PCB 1248	608,625	12672-29-6	10	ND
PCB 1254	608,625	11097-69-1	10	ND
PCB 1260	608,625	11096-82-5	10	ND
Toxaphene	608,625	8001-35-2	10	ND

ND = None Detected

\*EPA published method detection limit.

Pesticide  
Σ = 0

## NEW YORK TESTING LABORATORIES, INC.

Page 22.

SAMPLE IDENTIFICATION NO. OW-2

Lab No. 83-70108

PESTICIDE COMPOUNDS

<u>Parameter</u>	<u>Method No.</u>	<u>CAS No.</u>	<u>Method Detection Limit* (ppb)</u>	<u>Found (ppb)</u>
Aldrin	608,625	309-00-2	10	ND
$\alpha$ -BHC	608,625	319-84-6	10	ND
$\beta$ -BHC	608,625	319-85-7	10	ND
$\delta$ -BHC	608,625	319-86-8	10	ND
$\gamma$ -BHC	608,625	58-89-9	10	ND
Chlordane	608,625	57-74-9	10	ND
Dieldrin	608,625	60-57-1	10	ND
$\alpha$ -Endosulfan	608,625	959-98-8	10	ND
$\beta$ -Endosulfan	608,625	33213-65-9	10	ND
Endosulfan sulfate	608,625	1031-07-08	10	ND
Endrin	608,625	72-20-8	10	ND
Endrin aldehyde	608,625	7421-93-4	10	ND
Heptachlor	608,625	76-44-8	10	ND
Heptachlor Epoxide	608,625	1024-57-3	10	ND
4,4'-DDT	608,625	50-29-3	10	ND
4,4'-DDE	608,625	72-55-9	10	ND
4,4'-DDD	608,625	72-54-8	10	ND
PCB 1016	608,625	12674-11-2	10	ND
PCB 1221	608,625	11104-28-2	10	ND
PCB 1232	608,625	11141-16-5	10	ND
PCB 1242	608,625	53469-21-9	10	ND
PCB 1248	608,625	12672-29-6	10	ND
PCB 1254	608,625	11097-69-1	10	ND
PCB 1260	608,625	11096-82-5	10	ND
Toxaphene	608,625	8001-35-2	10	ND

ND = None Detected

\*EPA published method detection limit.

 $\Sigma = 0$

## NEW YORK TESTING LABORATORIES, INC.

Page 23.

SAMPLE IDENTIFICATION NO. OW-3

Lab No. 83-70108

PESTICIDE COMPOUNDS

<u>Parameter</u>	<u>Method No.</u>	<u>CAS No.</u>	<u>Method Detection Limit* (ppb)</u>	<u>Found (ppb)</u>
Aldrin	608,625	309-00-2	10	ND
$\alpha$ -BHC	608,625	319-84-6	10	ND
$\beta$ -BHC	608,625	319-85-7	10	ND
$\delta$ -BHC	608,625	319-86-8	10	ND
$\gamma$ -BHC	608,625	58-89-9	10	ND
Chlordane	608,625	57-74-9	10	ND
Dieldrin	608,625	60-57-1	10	ND
$\alpha$ -Endosulfan	608,625	959-98-8	10	ND
$\beta$ -Endosulfan	608,625	33213-65-9	10	ND
Endosulfan sulfate	608,625	1031-07-08	10	ND
Endrin	608,625	72-20-8	10	ND
Endrin aldehyde	608,625	7421-93-4	10	ND
Heptachlor	608,625	76-44-8	10	ND
Heptachlor Epoxide	608,625	1024-57-3	10	ND
4,4'-DDT	608,625	50-29-3	10	ND
4,4'-DDE	608,625	72-55-9	10	ND
4,4'-DDD	608,625	72-54-8	10	ND
PCB 1016	608,625	12674-11-2	10	ND
PCB 1221	608,625	11104-28-2	10	ND
PCB 1232	608,625	11141-16-5	10	ND
PCB 1242	608,625	53469-21-9	10	ND
PCB 1248	608,625	12672-29-6	10	ND
PCB 1254	608,625	11097-69-1	10	ND
PCB 1260	608,625	11096-82-5	10	ND
Toxaphene	608,625	8001-35-2	10	ND

ND = None Detected

\*EPA published method detection limit.

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## NEW YORK TESTING LABORATORIES, INC.

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SAMPLE IDENTIFICATION NO. OW-4

Lab No. 83-70108

PESTICIDE COMPOUNDS

<u>Parameter</u>	<u>Method No.</u>	<u>CAS No.</u>	<u>Method Detection Limit* (ppb)</u>	<u>Found (ppb)</u>
Aldrin	608,625	309-00-2	10	ND
α-BHC	608,625	319-84-6	10	ND
β-BHC	608,625	319-85-7	10	ND
δ-BHC	608,625	319-86-8	10	ND
γ-BHC	608,625	58-89-9	10	ND
Chlordane	608,625	57-74-9	10	ND
Dieldrin	608,625	60-57-1	10	ND
α-Endosulfan	608,625	959-98-8	10	ND
β-Endosulfan	608,625	33213-65-9	10	ND
Endosulfan sulfate	608,625	1031-07-08	10	ND
Endrin	608,625	72-20-8	10	ND
Endrin aldehyde	608,625	7421-93-4	10	ND
Heptachlor	608,625	76-44-8	10	ND
Heptachlor Epoxide	608,625	1024-57-3	10	ND
4,4'-DDT	608,625	50-29-3	10	ND
4,4'-DDE	608,625	72-55-9	10	ND
4,4'-DDD	608,625	72-54-8	10	ND
PCB 1016	608,625	12674-11-2	10	ND
PCB 1221	608,625	11104-28-2	10	ND
PCB 1232	608,625	11141-16-5	10	ND
PCB 1242	608,625	53469-21-9	10	ND
PCB 1248	608,625	12672-29-6	10	ND
PCB 1254	608,625	11097-69-1	10	ND
PCB 1260	608,625	11096-82-5	10	ND
Toxaphene	608,625	8001-35-2	10	ND

ND = None Detected

\*EPA published method detection limit.

Σ = 0