

Appendix E-8

Sample Report

Classification Exception Area – Well Report Excerpt



Regarding:

MICHAEL M. FRISKO
CAPE MAY COUNTY UTILITIES AUTHORITY
PO BOX 610
CAPE MAY COURT HOUSE, NJ 08210

MICHAEL M. FRISKO
CAPE MAY COUNTY UTILITIES AUTHORITY
1523 N ROUTE 9
CAPE MAY COURT HOUSE, NJ 08210

Account No: Y01307, CAPE MAY COUNTY UTILITIES AUTH LANDFILL
Project No: Y01307, CAPE MAY COUNTY UTILITIES AUTH LANDFILL

P.O. No: 980055 VOUCHER, Inv. No: 1128953
P/SID No:

Sample Number: L3105788-1
Sample Description: MW-1
Received Temp: 36 F Iced (Y/N): Y

Sample Date/Time/Temp: 08/25/09 11:05am NA F
Sampled by: Daniel A. Nasto, QC Laboratories

| Parameter | Method | NJ SPD H2D | Result | RLs | Test Date |
|---|-----------|------------|---------|-------------|-----------|
| GAS CHROMATOGRAPHY MASS SPECTROMETRY; SEMI-VOLATILES | | | | | |
| BIS(2-CHLOROETHYL)ETHER | EPA 8270C | | ND ug/l | 0.610 ug/l* | 09/04/09 |
| ANILINE | EPA 8270C | 6 | ND ug/l | 0.690 ug/l* | 09/04/09 |
| PHENOL | EPA 8270C | 2000 | ND ug/l | 1.23 ug/l* | 09/04/09 |
| 2-CHLOROPHENOL | EPA 8270C | 40 | ND ug/l | 1.03 ug/l* | 09/04/09 |
| 1,3-DICHLOROBENZENE | EPA 8270C | 600 | ND ug/l | 0.440 ug/l* | 09/04/09 |
| 1,4-DICHLOROBENZENE | EPA 8270C | 75 | ND ug/l | 0.420 ug/l* | 09/04/09 |
| 1,2-DICHLOROBENZENE | EPA 8270C | 600 | ND ug/l | 0.430 ug/l* | 09/04/09 |
| BENZYL ALCOHOL | EPA 8270C | 2000 | ND ug/l | 0.460 ug/l* | 09/04/09 |
| BIS(2-CHLOROISOPROPYL)ETHER | EPA 8270C | 300 | ND ug/l | 0.520 ug/l* | 09/04/09 |
| 2-METHYLPHENOL | EPA 8270C | | ND ug/l | 1.08 ug/l* | 09/04/09 |
| HEXACHLOROETHANE | EPA 8270C | 7 | ND ug/l | 0.480 ug/l* | 09/04/09 |
| N-NITROSO-DI-N-PROPYLAMINE | EPA 8270C | 10 | ND ug/l | 0.530 ug/l* | 09/04/09 |
| 3,4-METHYLPHENOL | EPA 8270C | | ND ug/l | 2.37 ug/l* | 09/04/09 |
| NITROBENZENE | EPA 8270C | 6 | ND ug/l | 0.580 ug/l* | 09/04/09 |
| ISOPHTHALENE | EPA 8270C | 40 | ND ug/l | 0.430 ug/l* | 09/04/09 |
| 2-NITROPHENOL | EPA 8270C | | ND ug/l | 1.29 ug/l* | 09/04/09 |
| 2,4-DIMETHYLPHENOL | EPA 8270C | 100 | ND ug/l | 1.96 ug/l* | 09/04/09 |
| BIS(2-CHLOROETHOXY)METHANE | EPA 8270C | | ND ug/l | 0.600 ug/l* | 09/04/09 |
| 2,4-DICHLOROPHENOL | EPA 8270C | 20 | ND ug/l | 1.14 ug/l* | 09/04/09 |
| BENZOIC ACID | EPA 8270C | 30000 | ND ug/l | 9.65 ug/l* | 09/04/09 |
| 1,2,4-TRICHLOROBENZENE | EPA 8270C | 9 | ND ug/l | 0.510 ug/l* | 09/04/09 |
| 4-CHLOROANILINE | EPA 8270C | 30 | ND ug/l | 0.910 ug/l* | 09/04/09 |
| 4-CHLORO-3-METHYLPHENOL | EPA 8270C | | ND ug/l | 1.10 ug/l* | 09/04/09 |
| HEXACHLOROCYCLOPENTADIENE | EPA 8270C | 40 | ND ug/l | 0.500 ug/l* | 09/04/09 |
| 2,4,6-TRICHLOROPHENOL | EPA 8270C | 20 | ND ug/l | 1.31 ug/l* | 09/04/09 |
| 2,4,5-TRICHLOROPHENOL | EPA 8270C | 700 | ND ug/l | 1.08 ug/l* | 09/04/09 |
| 2-CHLORONAPHTHALENE | EPA 8270C | 600 | ND ug/l | 0.480 ug/l* | 09/04/09 |
| 2-NITROANILINE | EPA 8270C | | ND ug/l | 0.630 ug/l* | 09/04/09 |
| DIETHYLPHTHALATE | EPA 8270C | | ND ug/l | 1.08 ug/l* | 09/04/09 |

Thomas J. Hines
Thomas J. Hines, President

QC Laboratories

Analytical Report



Account No: Y01307, CAPE MAY COUNTY UTILITIES AUTH LANDFILL
 Project No: Y01307, CAPE MAY COUNTY UTILITIES AUTH LANDFILL

P.O. No: 990055 VOUCHER
 PMSD No:

Inv. No: 112953

| Sample Number | Sample Description | Method | NJ GRD H2D | Result | RLs | Test Date |
|----------------------------|--------------------|---------------------|------------|-------------|-------------|-----------|
| L3105789-1 | NA-1 | | | | | |
| Parameter | | Method | | | | |
| 2,5-DINITROTOLUENE | | EPA 8270C | 10 | ND ug/l | 0.540 ug/l* | 09/04/09 |
| 3-NITROANILINE | | EPA 8270C | | ND ug/l | 0.840 ug/l* | 09/04/09 |
| 2,4-DINITROPHENOL | | EPA 8270C | 40 | ND ug/l | 1.84 ug/l* | 09/04/09 |
| DIBENZOFURAN | | EPA 8270C | | ND ug/l | 0.530 ug/l* | 09/04/09 |
| 2,4-DINITROTOLUENE | | EPA 8270C | 10 | ND ug/l | 0.490 ug/l* | 09/04/09 |
| 4-NITROPHENOL | | EPA 8270C | | ND ug/l | 0.770 ug/l* | 09/04/09 |
| 4-CHLOROPHENYL-PHENYLETHER | | EPA 8270C | | ND ug/l | 0.420 ug/l* | 09/04/09 |
| DIETHYLPHTHALATE | | EPA 8270C | 5000 | ND ug/l | 0.780 ug/l* | 09/04/09 |
| 4-NITROANILINE | | EPA 8270C | | ND ug/l | 0.930 ug/l* | 09/04/09 |
| 4,5-DINITRO-2-METHYLPHENOL | | EPA 8270C | | ND ug/l | 0.970 ug/l* | 09/04/09 |
| N-NITROSODIPHENYLAMINE | | EPA 8270C | 200 | ND ug/l | 0.520 ug/l* | 09/04/09 |
| 1,2-DIPHENYLHYDRAZINE | | EPA 8270C | 20 | ND ug/l | 0.460 ug/l* | 09/04/09 |
| 4-BROMOPHENYL-PHENYLETHER | | EPA 8270C | | ND ug/l | 0.590 ug/l* | 09/04/09 |
| CARBAZOLE | | EPA 8270C | | ND ug/l | 1.24 ug/l* | 09/04/09 |
| DI-N-BUTYLPHTHALATE | | EPA 8270C | 700 | ND ug/l | 1.71 ug/l* | 09/04/09 |
| BENZIDINE | | EPA 8270C | 20 | ND ug/l | 1.01 ug/l* | 09/04/09 |
| BUTYLBENZYLPHTHALATE | | EPA 8270C | 100 | ND ug/l | 1.26 ug/l* | 09/04/09 |
| 3,3'-DICHLOROBENZIDINE | | EPA 8270C | 30 | ND ug/l | 0.960 ug/l* | 09/04/09 |
| BIS(2-ETHYLHEXYL)PHTHALATE | | EPA 8270C | | ND ug/l | 2.37 ug/l* | 09/04/09 |
| 1,1-DICHLOROPHTHALATE | | EPA 8270C | 100 | ND ug/l | 0.540 ug/l* | 09/04/09 |
| UNKNOWN ALKANE-1 | | EPA 8270C LIB 90 90 | | 4.45 J ug/l | | 09/04/09 |
| UNKNOWN ALKANE-2 | | EPA 8270C LIB 90 90 | | 7.24 J ug/l | | 09/04/09 |
| UNKNOWN ALKANE-3 | | EPA 8270C LIB 90 90 | | 5.22 J ug/l | | 09/04/09 |
| UNKNOWN ALKANE-4 | | EPA 8270C LIB 90 90 | | 8.63 J ug/l | | 09/04/09 |
| UNKNOWN ALKANE-5 | | EPA 8270C LIB 90 90 | | 5.63 J ug/l | | 09/04/09 |
| UNKNOWN ALKANE-6 | | EPA 8270C LIB 90 90 | | 4.64 J ug/l | | 09/04/09 |
| UNKNOWN ALKANE-7 | | EPA 8270C LIB 90 90 | | 6.75 J ug/l | | 09/04/09 |
| UNKNOWN ALKANE-8 | | EPA 8270C LIB 90 90 | | 18.8 J ug/l | | 09/04/09 |
| N-NITROSODIMETHYLAMINE | | EPA 8270C | 0.8 | ND ug/l | 0.02 ug/l* | 09/04/09 |
| NAPHTHALENE | | EPA 8270C | 300 | 0.03 ug/l | 0.02 ug/l* | 09/04/09 |
| HEXACHLOROBUTADIENE | | EPA 8270C | 1 | ND ug/l | 0.02 ug/l* | 09/04/09 |
| 2-METHYLNAPHTHALENE | | EPA 8270C | | 0.01 ug/l | 0.01 ug/l* | 09/04/09 |
| ACENAPHTHYLENE | | EPA 8270C | | ND ug/l | 0.01 ug/l* | 09/04/09 |
| ACENAPHTHENE | | EPA 8270C | 400 | 0.20 ug/l | 0.02 ug/l* | 09/04/09 |
| FLUORENE | | EPA 8270C | 300 | 0.11 ug/l | 0.01 ug/l* | 09/04/09 |
| HEXACHLOROBENZENE | | EPA 8270C | 0.02 | ND ug/l | 0.01 ug/l* | 09/04/09 |
| PENTACHLOROPHENOL | | EPA 8270C | 0.3 | ND ug/l | 0.03 ug/l* | 09/04/09 |
| PERANTHRENE | | EPA 8270C | | 0.16 ug/l | 0.03 ug/l* | 09/04/09 |
| ANTHRACENE | | EPA 8270C | 2000 | 0.08 ug/l | 0.02 ug/l* | 09/04/09 |
| FLUORANTHENE | | EPA 8270C | 300 | 0.05 ug/l | 0.02 ug/l* | 09/04/09 |
| PYRENE | | EPA 8270C | 200 | 0.25 ug/l | 0.02 ug/l* | 09/04/09 |
| BENZID(A)ANTHRACENE | | EPA 8270C | 0.1 | ND ug/l | 0.02 ug/l* | 09/04/09 |
| CHRYSENE | | EPA 8270C | 5 | 0.04 J ug/l | 0.02 ug/l* | 09/04/09 |

Thomas J. Hines
 Thomas J. Hines, President

QC Laboratories

Analytical Report



Account No: Y01307, CAPE MAY COUNTY UTILITIES AUTH LANDFILL
 Project No: Y01307, CAPE MAY COUNTY UTILITIES AUTH LANDFILL

P.O. No: 98005 VOUCHER
 PISID No:

Inv. No: 112953

Sample Number: L2105788-1
 Sample Description: MW-1

Sample Date/Time/Temp: 08/25/09 11:05am NA F

Sampled by: Daniel A. Hesco, QC Laboratories

| Parameter | Method | NJ SPD H2O | Result | RLs | Test Date |
|------------------------|-----------|------------|-------------|------------|-----------|
| BENZ(D,B)FLUORANTHENE | EPA 8270C | 0.2 | ND ug/l | 0.02 ug/l* | 09/04/09 |
| BENZ(K)FLUORANTHENE | EPA 8270C | 0.5 | ND ug/l | 0.02 ug/l* | 09/04/09 |
| BENZ(A)PYRENE | EPA 8270C | 0.1 | ND ug/l | 0.02 ug/l* | 09/04/09 |
| INDENO(1,2,3-CD)PYRENE | EPA 8270C | 0.2 | 0.01 J ug/l | 0.01 ug/l* | 09/04/09 |
| DIBENZ(A,H)ANTHRACENE | EPA 8270C | 0.3 | 0.01 J ug/l | 0.01 ug/l* | 09/04/09 |
| BENZ(G,H,I)PERYLENE | EPA 8270C | | ND ug/l | 0.02 ug/l* | 09/04/09 |

GAS CHROMATOGRAPHY MASS SPECTROMETRY; VOLATILES

| Parameter | Method | NJ SPD H2O | Result | RLs | Test Date |
|---------------------------|-----------|------------|--------------|-------------|-----------|
| CHLOROMETHANE | EPA 8260B | | ND ug/l | 0.500 ug/l* | 09/01/09 |
| VINYL CHLORIDE | EPA 8260B | 1 | ND ug/l | 0.580 ug/l* | 09/01/09 |
| BROMOMETHANE | EPA 8260B | 10 | ND ug/l | 0.650 ug/l* | 09/01/09 |
| CHLOROETHANE | EPA 8260B | | ND ug/l | 0.780 ug/l* | 09/01/09 |
| TRICHLOROFLUOROMETHANE | EPA 8260B | 2000 | ND ug/l | 0.650 ug/l* | 09/01/09 |
| IODOMETHANE | EPA 8260B | | ND ug/l | 0.780 ug/l* | 09/01/09 |
| ACRYLONITRILE | EPA 8260B | 2 | ND ug/l | 0.780 ug/l* | 09/01/09 |
| 1,1-DICHLOROETHENE | EPA 8260B | | ND ug/l | 1.83 ug/l* | 09/01/09 |
| ACETONE | EPA 8260B | 6000 | ND ug/l | 0.580 ug/l* | 09/01/09 |
| CARBON DISULFIDE | EPA 8260B | 700 | ND ug/l | 3.25 ug/l* | 09/01/09 |
| METHYLENE CHLORIDE | EPA 8260B | 3 | ND ug/l | 0.780 ug/l* | 09/01/09 |
| TRANS-1,2-DICHLOROETHENE | EPA 8260B | 100 | ND ug/l | 0.500 ug/l* | 09/01/09 |
| 1,1-DICHLOROETHANE | EPA 8260B | 50 | ND ug/l | 0.480 ug/l* | 09/01/09 |
| VINYL ACETATE | EPA 8260B | 7000 | ND ug/l | 0.330 ug/l* | 09/01/09 |
| 2-BUTANONE | EPA 8260B | 300 | ND ug/l | 0.650 ug/l* | 09/01/09 |
| BROMOCHLOROMETHANE | EPA 8260B | | ND ug/l | 1.38 ug/l* | 09/01/09 |
| CIS-1,2-DICHLOROETHENE | EPA 8260B | 70 | ND ug/l | 0.710 ug/l* | 09/01/09 |
| CHLOROFORM | EPA 8260B | 70 | ND ug/l | 0.500 ug/l* | 09/01/09 |
| 1,1,1-TRICHLOROETHANE | EPA 8260B | 30 | 1.79 ug/l | 0.290 ug/l* | 09/01/09 |
| CARBON TETRACHLORIDE | EPA 8260B | 1 | ND ug/l | 0.530 ug/l* | 09/01/09 |
| BENZENE | EPA 8260B | 1 | ND ug/l | 0.500 ug/l* | 09/01/09 |
| 1,2-DICHLOROETHANE | EPA 8260B | 2 | ND ug/l | 0.320 ug/l* | 09/01/09 |
| TRICHLOROETHENE | EPA 8260B | 1 | ND ug/l | 0.340 ug/l* | 09/01/09 |
| 1,2-DICHLOROPROPANE | EPA 8260B | 1 | ND ug/l | 0.620 ug/l* | 09/01/09 |
| DIBROMOMETHANE | EPA 8260B | | ND ug/l | 0.580 ug/l* | 09/01/09 |
| BROMOCHLOROMETHANE | EPA 8260B | 1 | ND ug/l | 0.580 ug/l* | 09/01/09 |
| 4-METHYL-2-PENTANONE | EPA 8260B | | ND ug/l | 0.530 ug/l* | 09/01/09 |
| CIS-1,3-DICHLOROPROPENE | EPA 8260B | | ND ug/l | 1.12 ug/l* | 09/01/09 |
| TOLUENE | EPA 8260B | 1000 | ND ug/l | 0.350 ug/l* | 09/01/09 |
| TRANS-1,3-DICHLOROPROPENE | EPA 8260B | | ND ug/l | 0.510 ug/l* | 09/01/09 |
| 1,1,2-TRICHLOROETHANE | EPA 8260B | 3 | ND ug/l | 0.290 ug/l* | 09/01/09 |
| 2-HEXANONE | EPA 8260B | | ND ug/l | 0.420 ug/l* | 09/01/09 |
| TETRACHLOROETHENE | EPA 8260B | | ND ug/l | 0.960 ug/l* | 09/01/09 |
| DIBROMOCHLOROMETHANE | EPA 8260B | 1 | 0.290 J ug/l | 0.630 ug/l* | 09/01/09 |
| 1,2-DIBROMOETHANE | EPA 8260B | | ND ug/l | 0.290 ug/l* | 09/01/09 |
| | | | ND ug/l | 0.410 ug/l* | 09/01/09 |

Thomas J. Hines
 Thomas J. Hines, President

QC Laboratories

Analytical Report



Account No: Y01307, CAPE MAY COUNTY UTILITIES AUTH LANDFILL
 Project No: Y01307, CAPE MAY COUNTY UTILITIES AUTH LANDFILL

P.O. No: 98055 VOUCHER
 F&SD No:

Inv. No: 1128953

| Sample Number | Sample Description | Method | NJ SPD H2O | Result | RLS | Test Date |
|--|--------------------|------------|------------|-------------|-----------|-----------|
| L3105788-1 | M#-1 | | | | | |
| Samp. Date/Time/Temp: 08/25/09 11:05am NA F | | | | | | |
| Sampled by: Daniel A. Nasko, QC Laboratories | | | | | | |
| Parameter | Method | NJ SPD H2O | Result | RLS | Test Date | |
| CHLOROBENZENE | EPA 8260B | 50 | ND ug/l | 0.390 ug/l* | 09/01/09 | |
| ETHYLBENZENE | EPA 8260B | | ND ug/l | 0.530 ug/l* | 09/01/09 | |
| M#P-XYLENES | EPA 8260B | 500 | ND ug/l | 0.870 ug/l* | 09/01/09 | |
| O-XYLENE | EPA 8260B | | ND ug/l | 0.490 ug/l* | 09/01/09 | |
| STYRENE | EPA 8260B | 100 | ND ug/l | 0.570 ug/l* | 09/01/09 | |
| BROMOFORM | EPA 8260B | 4 | ND ug/l | 0.570 ug/l* | 09/01/09 | |
| 1,1,1,2-TETRACHLOROETHANE | EPA 8260B | 1 | ND ug/l | 0.450 ug/l* | 09/01/09 | |
| 1,1,1,2,2-TETRACHLOROETHANE | EPA 8260B | 1 | ND ug/l | 0.650 ug/l* | 09/01/09 | |
| TRANS-1,4-DICHLORO-2-BUTENE | EPA 8260B | | ND ug/l | 1.22 ug/l* | 09/01/09 | |
| 1,4-DICHLOROBENZENE | EPA 8260B | 75 | ND ug/l | 0.360 ug/l* | 09/01/09 | |
| 1,2-DICHLOROBENZENE | EPA 8260B | 500 | ND ug/l | 0.280 ug/l* | 09/01/09 | |
| 1,2,3-TRICHLOROPROPANE | EPA 8260B | 0.03 | ND ug/l | 0.540 ug/l* | 09/01/09 | |
| 1,2-DIBROMO-3-CHLOROPROPANE | EPA 8260B | 0.02 | ND ug/l | 0.730 ug/l* | 09/01/09 | |
| NONE FOUND | EPA 8260B LIB SR | | ND | | 09/01/09 | |

Sample Number: L3105788-2
 Sample Description: R#-2
 Received Temp: 36 F Iced (Y/N): Y
 Samp. Date/Time/Temp: 08/25/09 10:23am NA F
 Sampled by: Daniel A. Nasko, QC Laboratories

| Parameter | Method | NJ SPD H2O | Result | RLS | Test Date |
|--|-----------|------------|-----------|-------------|-----------|
| GAS CHROMATOGRAPHY MASS SPECTROMETRY; SEMI-VOLATILES | | | | | |
| BIS(2-CHLOROETHYL)ETHER | EPA 8270C | | ND ug/l | 0.610 ug/l* | 09/04/09 |
| ANILINE | EPA 8270C | 6 | ND ug/l | 0.690 ug/l* | 09/04/09 |
| PHENOL | EPA 8270C | 2000 | ND ug/l | 1.23 ug/l* | 09/04/09 |
| 2-CHLOROPHENOL | EPA 8270C | 40 | ND ug/l | 1.03 ug/l* | 09/04/09 |
| 1,3-DICHLOROBENZENE | EPA 8270C | 500 | ND ug/l | 0.440 ug/l* | 09/04/09 |
| 1,4-DICHLOROBENZENE | EPA 8270C | 75 | ND ug/l | 0.420 ug/l* | 09/04/09 |
| 1,2-DICHLOROBENZENE | EPA 8270C | 500 | ND ug/l | 0.490 ug/l* | 09/04/09 |
| BENZYL ALCOHOL | EPA 8270C | 2000 | ND ug/l | 0.480 ug/l* | 09/04/09 |
| BIS(2-CHLOROISOPROPYL)ETHER | EPA 8270C | 300 | ND ug/l | 0.520 ug/l* | 09/04/09 |
| 2-METHYLPHENOL | EPA 8270C | | ND ug/l | 1.08 ug/l* | 09/04/09 |
| HEXACHLOROETHANE | EPA 8270C | 7 | ND ug/l | 0.480 ug/l* | 09/04/09 |
| N-NITROSO-DI-N-PROPYLAMINE | EPA 8270C | 10 | ND ug/l | 0.550 ug/l* | 09/04/09 |
| 3,4-METHYLPHENOL | EPA 8270C | | 3.03 ug/l | 2.37 ug/l* | 09/04/09 |
| NITROBENZENE | EPA 8270C | 6 | ND ug/l | 0.580 ug/l* | 09/04/09 |
| ISOPHORONE | EPA 8270C | 40 | ND ug/l | 0.490 ug/l* | 09/04/09 |
| 2-NITROPHENOL | EPA 8270C | | ND ug/l | 1.29 ug/l* | 09/04/09 |
| 2,4-DIMETHYLPHENOL | EPA 8270C | 100 | ND ug/l | 1.95 ug/l* | 09/04/09 |
| BIS(2-CHLOROETHOXY)METHANE | EPA 8270C | | ND ug/l | 1.14 ug/l* | 09/04/09 |
| 2,4-DICHLOROPHENOL | EPA 8270C | 20 | ND ug/l | 9.65 ug/l* | 09/04/09 |
| BENZOIC ACID | EPA 8270C | 30000 | ND ug/l | 0.510 ug/l* | 09/04/09 |
| 1,2,4-TRICHLOROBENZENE | EPA 8270C | 9 | ND ug/l | | |

Thomas J. Hines
 Thomas J. Hines, President