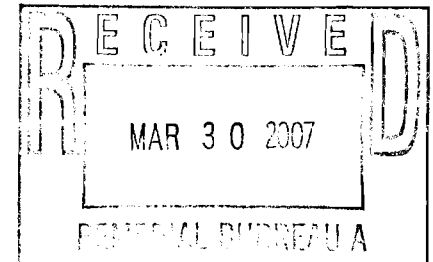




COUNTY OF NASSAU
DEPARTMENT OF PUBLIC WORKS
1194 PROSPECT AVENUE
WESTBURY, NEW YORK 11590-2723



March 23, 2007

New York State Department of
Environmental Conservation
Division of Environmental Remediation
Bureau of Hazardous Site Control
625 Broadway
Albany, New York 12233

Attn: Cynthia Whitfield, P.E.
Environmental Engineer II

Re: Monthly Effluent Monitoring Report / June – December 2006
Nassau County Fireman's Training Center, Site #1-30-042

Gentlemen:

Attached are the June through December 2006 Monthly Effluent Monitoring Reports for the groundwater remediation at the Fireman's Training Center site in Old Bethpage, New York.

If you have any questions concerning the monthly monitoring reports, please contact Mr. Joseph Walker, Assistant Superintendent of Water Supply at (516) 571-6980.

Very truly yours,

A handwritten signature in cursive script, appearing to read "Kenneth G. Arnold".

Kenneth G. Arnold
Sanitary Engineer IV

KGA:JNW: es
Attachments

c: Joseph L. Davenport, Deputy Commissioner
Kenneth G. Arnold, Sanitary Engineer IV
William Spitz, Region 1, NYSDEC

NASSAU COUNTY FIREMAN'S TRAINING CENTER
 GROUNDWATER REMEDIATION FACILITY
 MONTHLY EFFLUENT MONITORING REPORT
 OUTFALL 001

JUNE 2006

| EFFLUENT PARAMETER | DISCHARGE LIMITATIONS | UNITS | COMPT MDL | WEEK 1 6/6/06 | WEEK 2 06/13/06 | WEEK 3 06/20/06 | WEEK 4 06/27/06 | WEEK 5 |
|----------------------------|-----------------------|-------|-----------|---------------|-----------------|-----------------|-----------------|--------|
| FLOW, DAILY AVG | MONITOR | GPD | NA | 332300 | 330629 | 324086 | 327471 | |
| FLOW, DAILY MAX | MONITOR | GPD | NA | 340700 | 335300 | 336900 | 330600 | |
| VINYL CHLORIDE | 5 | µ g/l | 1.1 | BDL | BDL | BDL | BDL | |
| 1,1-DICHLOROETHANE | 5 | µ g/l | 1.1 | BDL | BDL | BDL | BDL | |
| 1,2-(TRANS)-DICHLOROETHENE | 5 | µ g/l | 1.1 | BDL | BDL | BDL | BDL | |
| 1,2-(CIS)-DICHLOROETHENE | 5 | µ g/l | 1.0 | BDL | BDL | BDL | BDL | |
| 1,1,1-TRICHLOROETHANE | 5 | µ g/l | 1.4 | BDL | BDL | BDL | BDL | |
| TRICHLOROETHENE | 10 | µ g/l | 1.7 | BDL | BDL | BDL | BDL | |
| BENZENE | 0.7 | µ g/l | 0.7 | BDL | BDL | BDL | BDL | |
| TETRACHLOROETHENE | 5 | µ g/l | 1.2 | BDL | BDL | BDL | BDL | |
| TOLUENE | 5 | µ g/l | 1.2 | BDL | BDL | BDL | BDL | |
| m,p-XYLENE | 5 | µ g/l | 2.4 | BDL | BDL | BDL | BDL | |
| o-XYLENE | 5 | µ g/l | 1.3 | BDL | BDL | BDL | BDL | |
| 1,1-DICHLOROETHENE | 5 | µ g/l | 1.2 | BDL | BDL | BDL | BDL | |
| METHYL ETHYL KEYTONE | 50 | µ g/l | 10.0 | BDL | BDL | BDL | BDL | |
| ACETONE | 50 | µ g/l | 10.0 | BDL | BDL | BDL | BDL | |
| CHLOROFORM | 7 | µ g/l | 1.1 | BDL | BDL | BDL | BDL | |
| DICHLOROBROMOMETHANE | 50 | µ g/l | 0.9 | BDL | BDL | BDL | BDL | |
| DIBROMOCHLOROMETHANE | 50 | µ g/l | 0.7 | BDL | BDL | BDL | BDL | |
| NAPHTHALENE | 10 | µ g/l | 1.7 | BDL | BDL | BDL | BDL | |
| TOTAL VOCs | | µ g/l | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| PHENANTHRENE | 50 | µ g/l | 1.0 | BDL | BDL | BDL | BDL | |
| FLUORENE | 50 | µ g/l | 1.0 | BDL | BDL | BDL | BDL | |
| PYRENE | 50 | µ g/l | 1.0 | BDL | BDL | BDL | BDL | |
| BIS(2-ETHLHEXYL)PHTHALATE | 4.3 | µ g/l | 1.0 | BDL | BDL | BDL | BDL | |
| DI-N-OCTYL PHTHALATE | 50 | µ g/l | 1.0 | BDL | BDL | BDL | BDL | |
| DIMETHYL PHTHALATE | 50 | µ g/l | 1.0 | BDL | BDL | BDL | BDL | |
| DIETHYL PHTHALATE | 50 | µ g/l | 1.0 | BDL | BDL | BDL | BDL | |
| IRON, TOTAL | 600 | µ g/l | 2.0 | 35.0 | 148.0 | 23.0 | 35.0 | |
| MANGANESE, TOTAL | 600 | µ g/l | 1.0 | 8.0 | 19.0 | 18.0 | 20.0 | |
| SUM IRON & MANGANESE | 1000 | µ g/l | NA | 43.0 | 167.0 | 41.0 | 55.0 | 0.0 |
| NICKEL, TOTAL | 2000 | µ g/l | 5.0 | 2.0 | 1.0 | 1.0 | BDL | |
| ARSENIC, TOTAL | 50 | µ g/l | 48.0 | BDL | BDL | BDL | BDL | |
| ALUMINUM, TOTAL | 2000 | µ g/l | 40.0 | 13.0 | BDL | 3.0 | 5.0 | |
| CHROMIUM, TOTAL | 50 | µ g/l | 2.0 | 1.0 | 2.0 | 1.0 | BDL | |

**NASSAU COUNTY FIREMAN'S TRAINING CENTER
GROUNDWATER REMEDIATION FACILITY
MONTHLY EFFLUENT MONITORING REPORT
OUTFALL 001**

JULY 2006

| EFFLUENT PARAMETER | DISCHARGE LIMITATIONS | UNITS | COMP'T MDL | WEEK 1 7/5/06 | WEEK 2 * | WEEK 3 07/18/06 | WEEK 4 07/25/06 | WEEK 5 |
|---------------------------|--------------------------|-------|---------------|------------------|-------------|--------------------|--------------------|--------|
| FLOW, DAILY AVG | MONITOR | GPD | NA | 332300 | | 83372 | 335300 | |
| FLOW, DAILY MAX | MONITOR | GPD | NA | 340700 | | 329200 | 339300 | |
| VINYL CHLORIDE | 5 | µ g/l | 1.1 | BDL | | BDL | BDL | |
| 1,1-DICHLOROETHANE | 5 | µ g/l | 1.1 | BDL | | BDL | BDL | |
| 1,2(TRANS)-DICHLOROETHENE | 5 | µ g/l | 1.1 | BDL | | BDL | BDL | |
| 1,2(CIS)-DICHLOROETHENE | 5 | µ g/l | 1.0 | BDL | | BDL | BDL | |
| 1,1,1-TRICHLOROETHANE | 5 | µ g/l | 1.4 | BDL | | BDL | BDL | |
| TRICHLOROETHENE | 10 | µ g/l | 1.7 | BDL | | BDL | BDL | |
| BENZENE | 0.7 | µ g/l | 0.7 | BDL | | BDL | BDL | |
| TETRACHLOROETHENE | 5 | µ g/l | 1.2 | BDL | | BDL | BDL | |
| TOLUENE | 5 | µ g/l | 1.2 | BDL | | BDL | BDL | |
| m,p-XYLENE | 5 | µ g/l | 2.4 | BDL | | BDL | BDL | |
| o-XYLENE | 5 | µ g/l | 1.3 | BDL | | BDL | BDL | |
| 1,1-DICHLOROETHENE | 5 | µ g/l | 1.2 | BDL | | BDL | BDL | |
| METHYL ETHYL KEYTONE | 50 | µ g/l | 10.0 | BDL | | BDL | BDL | |
| ACETONE | 50 | µ g/l | 10.0 | BDL | | BDL | BDL | |
| CHLOROFORM | 7 | µ g/l | 1.1 | BDL | | BDL | BDL | |
| DICHLOROBROMOMETHANE | 50 | µ g/l | 0.9 | BDL | | BDL | BDL | |
| DIBROMOCHLOROMETHANE | 50 | µ g/l | 0.7 | BDL | | BDL | BDL | |
| NAPHTHALENE | 10 | µ g/l | 1.7 | BDL | | BDL | BDL | |
| TOTAL VOCs | | µ g/l | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| PHENANTHRENE | 50 | µ g/l | 1.0 | BDL | | BDL | BDL | |
| FLUORENE | 50 | µ g/l | 1.0 | BDL | | BDL | BDL | |
| PYRENE | 50 | µ g/l | 1.0 | BDL | | BDL | BDL | |
| BIS(2-ETHLHEXYL)PHTHALATE | 4.3 | µ g/l | 1.0 | BDL | | BDL | BDL | |
| DI-N-OCTYL PHTHALATE | 50 | µ g/l | 1.0 | BDL | | BDL | BDL | |
| DIMETHYL PHTHALATE | 50 | µ g/l | 1.0 | BDL | | BDL | BDL | |
| DIETHYL PHTHALATE | 50 | µ g/l | 1.0 | BDL | | BDL | BDL | |
| IRON, TOTAL | 600 | µ g/l | 2.0 | 35.0 | | 15.0 | 219.0 | |
| MANGANESE, TOTAL | 600 | µ g/l | 1.0 | 8.0 | | 25.0 | 42.0 | |
| SUM IRON & MANGANESE | 1000 | µ g/l | NA | 43.0 | 0.0 | 40.0 | 261.0 | 0.0 |
| NICKEL, TOTAL | 2000 | µ g/l | 5.0 | 2.0 | | 3.0 | 4.0 | |
| ARSENIC, TOTAL | 50 | µ g/l | 48.0 | BDL | | BDL | BDL | |
| ALUMINUM, TOTAL | 2000 | µ g/l | 40.0 | 13.0 | | 1.0 | 51.0 | |
| CHROMIUM, TOTAL | 50 | µ g/l | 2.0 | 1.0 | | 1.0 | 5.0 | |

* Plant shut down for construction work on effluent piping

**NASSAU COUNTY FIREMAN'S TRAINING CENTER
GROUNDWATER REMEDIATION FACILITY
MONTHLY EFFLUENT MONITORING REPORT
OUTFALL 001**

AUGUST 2006

| EFFLUENT PARAMETER | DISCHARGE LIMITATIONS | UNITS | REPORTING LIMITS | WEEK 1 8/1/06 | WEEK 2* 08/08/06 | WEEK 3 08/15/06 | WEEK 4 08/22/06 | WEEK 5 08/29/06 |
|---------------------------|--------------------------|-------|---------------------|------------------|---------------------|--------------------|--------------------|--------------------|
| FLOW, DAILY AVG | MONITOR | GPD | NA | 567129 | 833900 | 826071 | 823429 | 790029 |
| FLOW, DAILY MAX | MONITOR | GPD | NA | 610100 | 840600 | 831800 | 826467 | 824600 |
| VINYL CHLORIDE | 5 | μ g/l | 1.0 | BDL | BDL | BDL | BDL | BDL |
| 1,1-DICHLOROETHANE | 5 | μ g/l | 1.0 | BDL | 1.0 | BDL | BDL | BDL |
| 1,2(TRANS)-DICHLOROETHENE | 5 | μ g/l | 1.0 | BDL | BDL | BDL | BDL | BDL |
| 1,2(CIS)-DICHLOROETHENE | 5 | μ g/l | 1.0 | BDL | 28.0 | BDL | BDL | BDL |
| 1,1,1-TRICHLOROETHANE | 5 | μ g/l | 1.0 | BDL | BDL | BDL | BDL | BDL |
| TRICHLOROETHENE | 10 | μ g/l | 1.0 | BDL | 5.5 | BDL | BDL | BDL |
| BENZENE | 0.7 | μ g/l | 1.0 | BDL | BDL | BDL | BDL | BDL |
| TETRACHLOROETHENE | 5 | μ g/l | 1.0 | BDL | 36.0 | BDL | BDL | BDL |
| TOLUENE | 5 | μ g/l | 1.0 | BDL | BDL | BDL | BDL | BDL |
| m,p-XYLENE | 5 | μ g/l | 2.0 | BDL | BDL | BDL | BDL | BDL |
| o-XYLENE | 5 | μ g/l | 1.0 | BDL | BDL | BDL | BDL | BDL |
| 1,1-DICHLOROETHENE | 5 | μ g/l | 1.0 | BDL | 2.2 | BDL | BDL | BDL |
| METHYL ETHYL KEYTONE | 50 | μ g/l | 3.0 | BDL | BDL | BDL | BDL | BDL |
| ACETONE | 50 | μ g/l | 2.0 | BDL | BDL | BDL | BDL | BDL |
| CHLOROFORM | 7 | μ g/l | 1.0 | BDL | BDL | BDL | BDL | BDL |
| DICHLOROBROMOMETHANE | 50 | μ g/l | 1.0 | BDL | BDL | BDL | BDL | BDL |
| DIBROMOCHLOROMETHANE | 50 | μ g/l | 1.0 | BDL | BDL | BDL | BDL | BDL |
| NAPHTHALENE | 10 | μ g/l | 1.0 | BDL | BDL | BDL | BDL | BDL |
| TOTAL VOCs | | μ g/l | 0.0 | 0.0 | 72.7 | 0.0 | 0.0 | 0.0 |
| PHENANTHRENE | 50 | μ g/l | 5.0 | BDL | BDL | BDL | BDL | BDL |
| FLUORENE | 50 | μ g/l | 5.0 | BDL | BDL | BDL | BDL | BDL |
| PYRENE | 50 | μ g/l | 5.0 | BDL | BDL | BDL | BDL | BDL |
| BIS(2-ETHLHEXYL)PHTHALATE | 4.3 | μ g/l | 5.0 | BDL | BDL | BDL | BDL | BDL |
| DI-N-OCTYL PHTHALATE | 50 | μ g/l | 5.0 | BDL | BDL | BDL | BDL | BDL |
| DIMETHYL PHTHALATE | 50 | μ g/l | 5.0 | BDL | BDL | BDL | BDL | BDL |
| DIETHYL PHTHALATE | 50 | μ g/l | 5.0 | 14.0 | BDL | BDL | BDL | BDL |
| IRON, TOTAL | 600 | μ g/l | 2.0 | 173.0 | 99.0 | 197.0 | 33.0 | 31.0 |
| MANGANESE, TOTAL | 600 | μ g/l | 1.0 | 34.0 | 60.0 | 73.0 | 70.0 | 74.0 |
| SUM IRON & MANGANESE | 1000 | μ g/l | NA | 207.0 | 159.0 | 270.0 | 103.0 | 105.0 |
| NICKEL, TOTAL | 2000 | μ g/l | 5.0 | 6.0 | 3.0 | 5.0 | 2.0 | 3.0 |
| ARSENIC, TOTAL | 50 | μ g/l | 48.0 | BDL | BDL | BDL | BDL | BDL |
| ALUMINUM, TOTAL | 2000 | μ g/l | 40.0 | 29.0 | 6.0 | 10.0 | 4.0 | 7.0 |
| CHROMIUM, TOTAL | 50 | μ g/l | 2.0 | BDL | 1.0 | BDL | 1.0 | 2.0 |

*On August 9, Stripper Tower #3 was removed from service for acid washing. Stripper Tower #1 was placed in service. No effluent limitations were exceeded once Stripper Towers were switched.

**NASSAU COUNTY FIREMAN'S TRAINING CENTER
GROUNDWATER REMEDIATION FACILITY
MONTHLY EFFLUENT MONITORING REPORT
OUTFALL 001**

SEPTEMBER 2006

| EFFLUENT PARAMETER | DISCHARGE LIMITATIONS | UNITS | REPORTING LIMITS | WEEK 1 9/6/06 | WEEK 2 09/12/06 | WEEK 3 09/19/06 | WEEK 4 09/26/06 | WEEK 5 |
|---------------------------|--------------------------|-------|---------------------|------------------|--------------------|--------------------|--------------------|--------|
| FLOW, DAILY AVG | MONITOR | GPD | NA | 605113 | 1048217 | 1095971 | 1092086 | |
| FLOW, DAILY MAX | MONITOR | GPD | NA | 829000 | 1099067 | 1105000 | 1104633 | |
| VINYL CHLORIDE | 5 | μ g/l | 1.0 | BDL | BDL | BDL | BDL | |
| 1,1-DICHLOROETHANE | 5 | μ g/l | 1.0 | BDL | BDL | BDL | BDL | |
| 1,2(TRANS)-DICHLOROETHENE | 5 | μ g/l | 1.0 | BDL | BDL | BDL | BDL | |
| 1,2(CIS)-DICHLOROETHENE | 5 | μ g/l | 1.0 | BDL | BDL | BDL | BDL | |
| 1,1,1-TRICHLOROETHANE | 5 | μ g/l | 1.0 | BDL | BDL | BDL | BDL | |
| TRICHLOROETHENE | 10 | μ g/l | 1.0 | BDL | BDL | BDL | BDL | |
| BENZENE | 0.7 | μ g/l | 1.0 | BDL | BDL | BDL | BDL | |
| TETRACHLOROETHENE | 5 | μ g/l | 1.0 | BDL | BDL | BDL | BDL | |
| TOLUENE | 5 | μ g/l | 1.0 | BDL | BDL | BDL | BDL | |
| m,p-XYLENE | 5 | μ g/l | 2.0 | BDL | BDL | BDL | BDL | |
| o-XYLENE | 5 | μ g/l | 1.0 | BDL | BDL | BDL | BDL | |
| 1,1-DICHLOROETHENE | 5 | μ g/l | 1.0 | BDL | BDL | BDL | BDL | |
| METHYL ETHYL KEYTONE | 50 | μ g/l | 3.0 | BDL | BDL | BDL | BDL | |
| ACETONE | 50 | μ g/l | 2.0 | BDL | BDL | BDL | BDL | |
| CHLOROFORM | 7 | μ g/l | 1.0 | BDL | BDL | BDL | BDL | |
| DICHLOROBROMOMETHANE | 50 | μ g/l | 1.0 | BDL | BDL | BDL | BDL | |
| DIBROMOCHLOROMETHANE | 50 | μ g/l | 1.0 | BDL | BDL | BDL | BDL | |
| NAPHTHALENE | 10 | μ g/l | 1.0 | BDL | BDL | BDL | BDL | |
| TOTAL VOCs | | μ g/l | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| PHENANTHRENE | 50 | μ g/l | 5.0 | BDL | BDL | BDL | BDL | |
| FLUORENE | 50 | μ g/l | 5.0 | BDL | BDL | BDL | BDL | |
| PYRENE | 50 | μ g/l | 5.0 | BDL | BDL | BDL | BDL | |
| BIS(2-ETHLHEXYL)PHTHALATE | 4.3 | μ g/l | 5.0 | 1.7 "J" | BDL | BDL | BDL | |
| DI-N-OCTYL PHTHALATE | 50 | μ g/l | 5.0 | BDL | BDL | BDL | BDL | |
| DIMETHYL PHTHALATE | 50 | μ g/l | 5.0 | BDL | BDL | BDL | BDL | |
| DIETHYL PHTHALATE | 50 | μ g/l | 5.0 | BDL | BDL | BDL | BDL | |
| IRON, TOTAL | 600 | μ g/l | 2.0 | 53.0 | 33.0 | 68.0 | 65.0 | |
| MANGANESE, TOTAL | 600 | μ g/l | 1.0 | 75.0 | 467.0 | 486.0 | 450.0 | |
| SUM IRON & MANGANESE | 1000 | μ g/l | NA | 128.0 | 500.0 | 554.0 | 515.0 | 0.0 |
| NICKEL, TOTAL | 2000 | μ g/l | 5.0 | 3.0 | 3.0 | 3.0 | 4.0 | |
| ARSENIC, TOTAL | 50 | μ g/l | 48.0 | BDL | BDL | BDL | BDL | |
| ALUMINUM, TOTAL | 2000 | μ g/l | 40.0 | 6.0 | 3.0 | 3.0 | 3.0 | |
| CHROMIUM, TOTAL | 50 | μ g/l | 2.0 | BDL | BDL | BDL | BDL | |

"J" Analyte detected below quantitation limits.

**NASSAU COUNTY FIREMAN'S TRAINING CENTER
GROUNDWATER REMEDIATION FACILITY
MONTHLY EFFLUENT MONITORING REPORT
OUTFALL 001**

OCTOBER 2006

| EFFLUENT PARAMETER | DISCHARGE LIMITATIONS | UNITS | REPORTING LIMITS | WEEK 1 10/2/06 | WEEK 2 10/10/06 | WEEK 3 10/16/06 | WEEK 4 10/24/06 | WEEK 5 10/31/06 |
|---------------------------|--------------------------|-------|---------------------|-------------------|--------------------|--------------------|--------------------|--------------------|
| FLOW, DAILY AVG | MONITOR | GPD | NA | 1046267 | 835650 | 824583 | 827913 | 830357 |
| FLOW, DAILY MAX | MONITOR | GPD | NA | 1112967 | 835650 | 826900 | 831100 | 839867 |
| VINYL CHLORIDE | 5 | µ g/l | 1.0 | BDL | BDL | BDL | BDL | BDL |
| 1,1-DICHLOROETHANE | 5 | µ g/l | 1.0 | BDL | BDL | BDL | BDL | BDL |
| 1,2(TRANS)-DICHLOROETHENE | 5 | µ g/l | 1.0 | BDL | BDL | BDL | BDL | BDL |
| 1,2(CIS)-DICHLOROETHENE | 5 | µ g/l | 1.0 | BDL | BDL | BDL | BDL | BDL |
| 1,1,1-TRICHLOROETHANE | 5 | µ g/l | 1.0 | BDL | BDL | BDL | BDL | BDL |
| TRICHLOROETHENE | 10 | µ g/l | 1.0 | BDL | BDL | BDL | BDL | BDL |
| BENZENE | 0.7 | µ g/l | 1.0 | BDL | BDL | BDL | BDL | BDL |
| TETRACHLOROETHENE | 5 | µ g/l | 1.0 | BDL | BDL | BDL | BDL | BDL |
| TOLUENE | 5 | µ g/l | 1.0 | BDL | BDL | 1.1 | BDL | BDL |
| m,p-XYLENE | 5 | µ g/l | 2.0 | BDL | BDL | BDL | BDL | BDL |
| o-XYLENE | 5 | µ g/l | 1.0 | BDL | BDL | BDL | BDL | BDL |
| 1,1-DICHLOROETHENE | 5 | µ g/l | 1.0 | BDL | BDL | BDL | BDL | BDL |
| METHYL ETHYL KEYTONE | 50 | µ g/l | 3.0 | BDL | BDL | BDL | BDL | BDL |
| ACETONE | 50 | µ g/l | 2.0 | BDL | BDL | BDL | BDL | BDL |
| CHLOROFORM | 7 | µ g/l | 1.0 | BDL | BDL | BDL | BDL | BDL |
| DICHLOROBROMOMETHANE | 50 | µ g/l | 1.0 | BDL | BDL | BDL | BDL | BDL |
| DIBROMOCHLOROMETHANE | 50 | µ g/l | 1.0 | BDL | BDL | BDL | BDL | BDL |
| NAPHTHALENE | 10 | µ g/l | 1.0 | BDL | BDL | 1.9 | BDL | BDL |
| TOTAL VOCs | | µ g/l | 0.0 | 0.0 | 0.0 | 3.0 | 0.0 | 0.0 |
| PHENANTHRENE | 50 | µ g/l | 5.0 | BDL | BDL | BDL | BDL | BDL |
| FLUORENE | 50 | µ g/l | 5.0 | BDL | BDL | BDL | BDL | BDL |
| PYRENE | 50 | µ g/l | 5.0 | BDL | BDL | BDL | BDL | BDL |
| BIS(2-ETHLHEXYL)PHTHALATE | 4.3 | µ g/l | 5.0 | BDL | 2.9 "J" | BDL | BDL | 5.6 |
| DI-N-OCTYL PHTHALATE | 50 | µ g/l | 5.0 | BDL | BDL | BDL | BDL | BDL |
| DIMETHYL PHTHALATE | 50 | µ g/l | 5.0 | BDL | BDL | BDL | BDL | BDL |
| DIETHYL PHTHALATE | 50 | µ g/l | 5.0 | BDL | BDL | BDL | BDL | BDL |
| IRON, TOTAL | 600 | µ g/l | 2.0 | 49.0 | 881.0 | 566.0 | 450.0 | 391.0 |
| MANGANESE, TOTAL | 600 | µ g/l | 1.0 | 443.0 | 508.0 | 584.0 | 540.0 | 562.0 |
| SUM IRON & MANGANESE | 1000 | µ g/l | NA | 492.0 | 1389.0 | 1150.0 | 990.0 | 953.0 |
| NICKEL, TOTAL | 2000 | µ g/l | 5.0 | 1.0 | 4.0 | 3.0 | 4.0 | 4.0 |
| ARSENIC, TOTAL | 50 | µ g/l | 48.0 | BDL | BDL | BDL | BDL | BDL |
| ALUMINUM, TOTAL | 2000 | µ g/l | 40.0 | 3.0 | BDL | BDL | BDL | 3.0 |
| CHROMIUM, TOTAL | 50 | µ g/l | 2.0 | 1.0 | 1.0 | BDL | BDL | 1.0 |

"J" Analyte detected below quantitation limits.

**NASSAU COUNTY FIREMAN'S TRAINING CENTER
GROUNDWATER REMEDIATION FACILITY
MONTHLY EFFLUENT MONITORING REPORT
OUTFALL 001**

NOVEMBER 2006

| EFFLUENT PARAMETER | DISCHARGE LIMITATIONS | UNITS | REPORTING LIMITS | WEEK 1 11/6/06 | WEEK 2 11/13/06 | WEEK 3 11/20/06 | WEEK 4 11/27/06 | WEEK 5 |
|---------------------------|--------------------------|-------|---------------------|-------------------|--------------------|--------------------|--------------------|--------|
| FLOW, DAILY AVG | MONITOR | GPD | NA | 833550 | 824329 | 825014 | 823057 | |
| FLOW, DAILY MAX | MONITOR | GPD | NA | 840500 | 958300 | 830333 | 824900 | |
| VINYL CHLORIDE | 5 | µ g/l | 1.0 | BDL | BDL | BDL | BDL | |
| 1,1-DICHLOROETHANE | 5 | µ g/l | 1.0 | BDL | BDL | BDL | BDL | |
| 1,2(TRANS)-DICHLOROETHENE | 5 | µ g/l | 1.0 | BDL | BDL | BDL | BDL | |
| 1,2(CIS)-DICHLOROETHENE | 5 | µ g/l | 1.0 | BDL | BDL | BDL | BDL | |
| 1,1,1-TRICHLOROETHANE | 5 | µ g/l | 1.0 | BDL | BDL | BDL | BDL | |
| TRICHLOROETHENE | 10 | µ g/l | 1.0 | BDL | BDL | BDL | BDL | |
| BENZENE | 0.7 | µ g/l | 1.0 | BDL | BDL | BDL | BDL | |
| TETRACHLOROETHENE | 5 | µ g/l | 1.0 | BDL | BDL | BDL | BDL | |
| TOLUENE | 5 | µ g/l | 1.0 | BDL | BDL | BDL | BDL | |
| m,p-XYLENE | 5 | µ g/l | 2.0 | BDL | BDL | BDL | BDL | |
| o-XYLENE | 5 | µ g/l | 1.0 | BDL | BDL | BDL | BDL | |
| 1,1-DICHLOROETHENE | 5 | µ g/l | 1.0 | BDL | BDL | BDL | BDL | |
| METHYL ETHYL KEYTONE | 50 | µ g/l | 3.0 | BDL | BDL | BDL | BDL | |
| ACETONE | 50 | µ g/l | 2.0 | BDL | BDL | BDL | BDL | |
| CHLOROFORM | 7 | µ g/l | 1.0 | BDL | BDL | BDL | BDL | |
| DICHLOROBROMOMETHANE | 50 | µ g/l | 1.0 | BDL | BDL | BDL | BDL | |
| DIBROMOCHLOROMETHANE | 50 | µ g/l | 1.0 | BDL | BDL | BDL | BDL | |
| NAPHTHALENE | 10 | µ g/l | 1.0 | BDL | BDL | BDL | BDL | |
| TOTAL VOCs | | µ g/l | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| PHENANTHRENE | 50 | µ g/l | 5.0 | BDL | BDL | BDL | BDL | |
| FLUORENE | 50 | µ g/l | 5.0 | BDL | BDL | BDL | BDL | |
| PYRENE | 50 | µ g/l | 5.0 | BDL | BDL | BDL | BDL | |
| BIS(2-ETHLHEXYL)PHTHALATE | 4.3 | µ g/l | 5.0 | 6.2 | BDL | BDL | BDL | |
| DI-N-OCTYL PHTHALATE | 50 | µ g/l | 5.0 | BDL | BDL | BDL | BDL | |
| DIMETHYL PHTHALATE | 50 | µ g/l | 5.0 | BDL | BDL | BDL | BDL | |
| DIETHYL PHTHALATE | 50 | µ g/l | 5.0 | BDL | BDL | BDL | BDL | |
| IRON, TOTAL | 600 | µ g/l | 2.0 | 37.0 | 252.0 | 394.0 | 255.0 | |
| MANGANESE, TOTAL | 600 | µ g/l | 1.0 | 594.0 | 582.0 | 626.0 | 621.0 | |
| SUM IRON & MANGANESE | 1000 | µ g/l | NA | 631.0 | 834.0 | 1020.0 | 876.0 | 0.0 |
| NICKEL, TOTAL | 2000 | µ g/l | 5.0 | 4.0 | 4.0 | 7.0 | 4.0 | |
| ARSENIC, TOTAL | 50 | µ g/l | 48.0 | BDL | BDL | BDL | BDL | |
| ALUMINUM, TOTAL | 2000 | µ g/l | 40.0 | 5.0 | BDL | 3.0 | 2.0 | |
| CHROMIUM, TOTAL | 50 | µ g/l | 2.0 | BDL | BDL | BDL | BDL | |

**NASSAU COUNTY FIREMAN'S TRAINING CENTER
GROUNDWATER REMEDIATION FACILITY
MONTHLY EFFLUENT MONITORING REPORT
OUTFALL 001**

DECEMBER 2006

| EFFLUENT PARAMETER | DISCHARGE LIMITATIONS | UNITS | REPORTING LIMITS | WEEK 1 12/5/06 | WEEK 2 12/11/06 | WEEK 3 12/18/06 | WEEK 4 12/26/06 | WEEK 5 |
|---------------------------|--------------------------|-------|---------------------|-------------------|--------------------|--------------------|--------------------|--------|
| FLOW, DAILY AVG | MONITOR | GPD | NA | 819050 | 846983 | 858386 | 859738 | |
| FLOW, DAILY MAX | MONITOR | GPD | NA | 842800 | 858100 | 862600 | 862900 | |
| VINYL CHLORIDE | 5 | µ g/l | 1.0 | BDL | BDL | BDL | BDL | |
| 1,1-DICHLOROETHANE | 5 | µ g/l | 1.0 | BDL | BDL | BDL | BDL | |
| 1,2(TRANS)-DICHLOROETHENE | 5 | µ g/l | 1.0 | BDL | BDL | BDL | BDL | |
| 1,2(CIS)-DICHLOROETHENE | 5 | µ g/l | 1.0 | BDL | BDL | BDL | BDL | |
| 1,1,1-TRICHLOROETHANE | 5 | µ g/l | 1.0 | BDL | BDL | BDL | BDL | |
| TRICHLOROETHENE | 10 | µ g/l | 1.0 | BDL | BDL | BDL | BDL | |
| BENZENE | 0.7 | µ g/l | 1.0 | BDL | BDL | BDL | BDL | |
| TETRACHLOROETHENE | 5 | µ g/l | 1.0 | BDL | BDL | BDL | BDL | |
| TOLUENE | 5 | µ g/l | 1.0 | BDL | BDL | BDL | BDL | |
| m,p-XYLENE | 5 | µ g/l | 2.0 | BDL | 3.1 | BDL | BDL | |
| o-XYLENE | 5 | µ g/l | 1.0 | BDL | BDL | BDL | BDL | |
| 1,1-DICHLOROETHENE | 5 | µ g/l | 1.0 | BDL | BDL | BDL | BDL | |
| METHYL ETHYL KEYTONE | 50 | µ g/l | 3.0 | BDL | BDL | BDL | BDL | |
| ACETONE | 50 | µ g/l | 2.0 | BDL | BDL | BDL | BDL | |
| CHLOROFORM | 7 | µ g/l | 1.0 | BDL | BDL | BDL | BDL | |
| DICHLOROBROMOMETHANE | 50 | µ g/l | 1.0 | BDL | BDL | BDL | BDL | |
| DIBROMOCHLOROMETHANE | 50 | µ g/l | 1.0 | BDL | BDL | BDL | BDL | |
| NAPHTHALENE | 10 | µ g/l | 1.0 | BDL | BDL | 3.9 | BDL | |
| TOTAL VOCs | | µ g/l | 0.0 | 0.0 | 3.1 | 3.9 | 0.0 | 0.0 |
| PHENANTHRENE | 50 | µ g/l | 5.0 | BDL | BDL | BDL | BDL | |
| FLUORENE | 50 | µ g/l | 5.0 | BDL | BDL | BDL | BDL | |
| PYRENE | 50 | µ g/l | 5.0 | BDL | BDL | BDL | BDL | |
| BIS(2-ETHLHEXYL)PHTHALATE | 4.3 | µ g/l | 5.0 | BDL | BDL | BDL | BDL | |
| DI-N-OCTYL PHTHALATE | 50 | µ g/l | 5.0 | BDL | BDL | BDL | BDL | |
| DIMETHYL PHTHALATE | 50 | µ g/l | 5.0 | BDL | BDL | BDL | BDL | |
| DIETHYL PHTHALATE | 50 | µ g/l | 5.0 | BDL | BDL | BDL | BDL | |
| IRON, TOTAL | 600 | µ g/l | 2.0 | 18.0 | 328.0 | 237.0 | 212.0 | |
| MANGANESE, TOTAL | 600 | µ g/l | 1.0 | 528.0 | 541.0 | 540.0 | 501.0 | |
| SUM IRON & MANGANESE | 1000 | µ g/l | NA | 546.0 | 869.0 | 777.0 | 713.0 | 0.0 |
| NICKEL, TOTAL | 2000 | µ g/l | 5.0 | 6.0 | 3.0 | 4.0 | 4.0 | |
| ARSENIC, TOTAL | 50 | µ g/l | 48.0 | BDL | BDL | BDL | BDL | |
| ALUMINUM, TOTAL | 2000 | µ g/l | 40.0 | BDL | 3.0 | BDL | 2.0 | |
| CHROMIUM, TOTAL | 50 | µ g/l | 2.0 | BDL | 1.0 | BDL | 2.0 | |