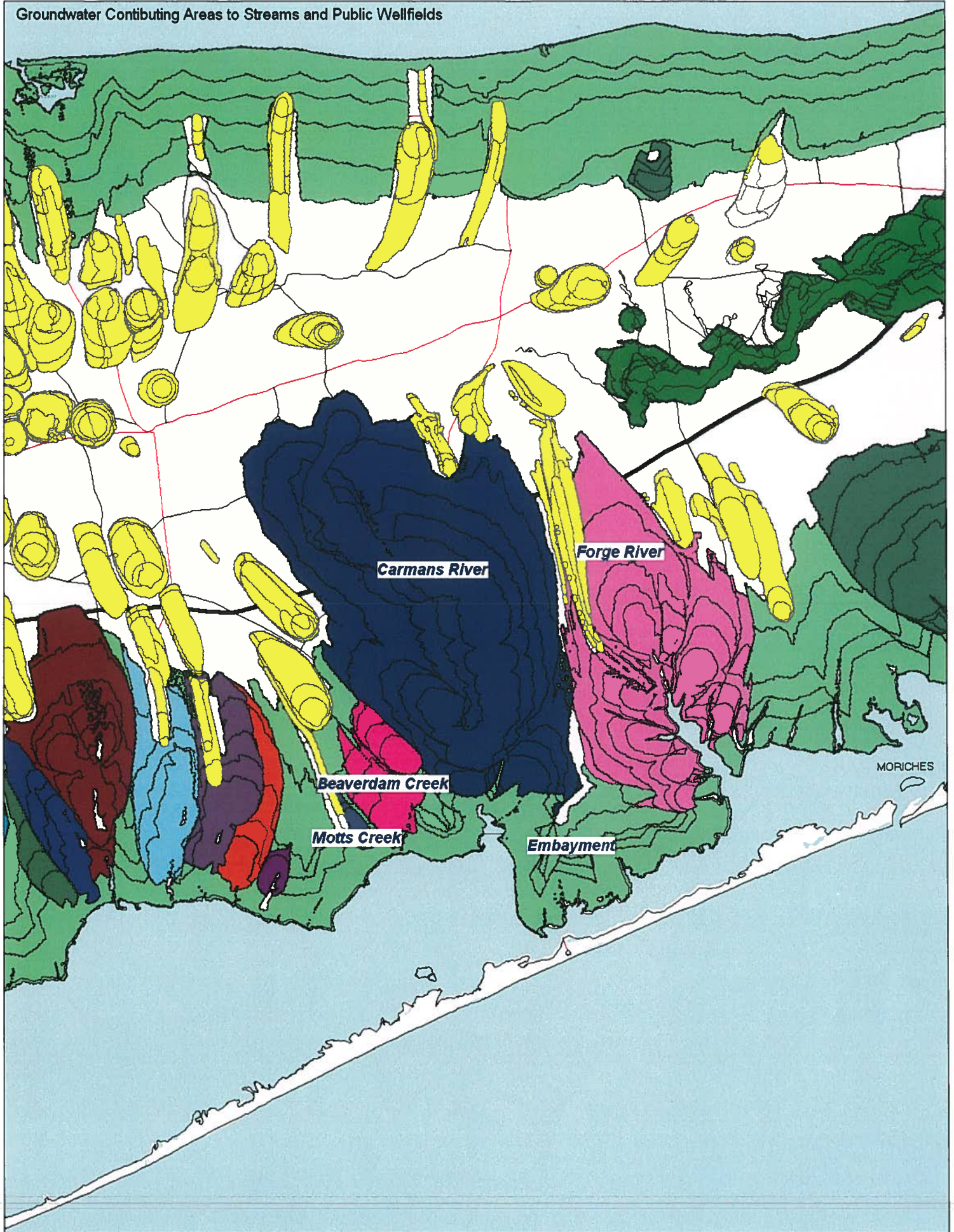
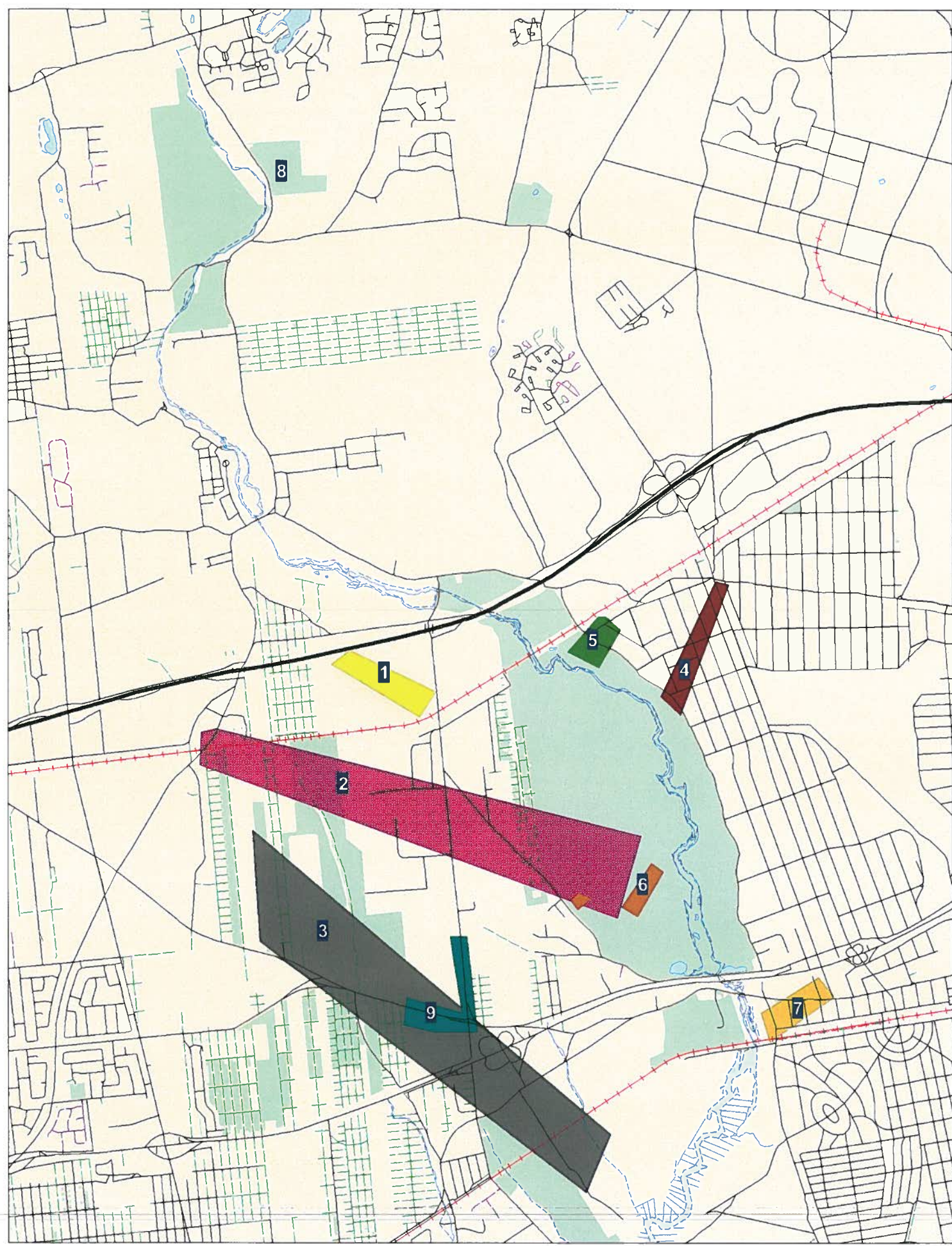


Groundwater Contributing Areas to Streams and Public Wellfields



Monitoring Wells &  
Groundwater Studies

SCUHS Andrew Kapiejko 11/3/10



## SCDHS Groundwater Studys in the Vicinity of the Carmans River

| Project # | Project Name   | Date of Work                  |
|-----------|----------------|-------------------------------|
| 1         | Yaphank Farm   | 1998-1999, 2002,<br>2006-2008 |
| 2         | Yaphank PCE    | 1999                          |
| 3         | Grucci         | 2000                          |
| 4         | River Road     | 2001-2002                     |
| 5         | LIRR - Yaphank | 2001, 2003-2006               |
| 6         | Trap and Skeet | 2001, 2006-2008               |
| 7         | Laundromat     | 2005-2006                     |
| 8         | Prosser Pines  | 2005-2006                     |
| 9         | Horseblock Rd  | 2009-2010                     |

Field #: 001-474-050714

Suffolk County Department of Health Services

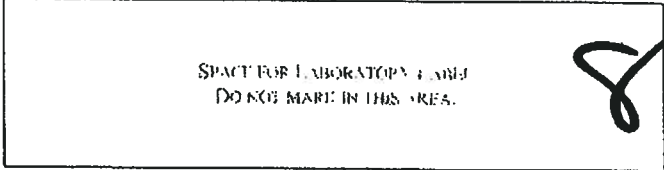
Division of Environmental Quality

Public & Environmental Health Laboratory

BLAP#10528

Date Collected: 7/14/05

Time Collected: 09:10  
(00:00 - 24:00)



Collected By: MILITO  
(Last Name)

Analysis Request Form

Source of Sample  
(to appear on reports)

SAMPLE ID # PP-1

INVESTIGATION

LOCATION Prosser Pines Park, Yaphan L

NYSDEC Pesticide Survey

Supply Type:  Public  Private  Bottled  Test Well\*  Surface  Sewage/Industrial  Other

Collection Point:  Tank  Kitchen  Bathroom  Outside Tap  Well  Other

Samples Thermally Preserved  Flamed Tap

Raw

Filtered

- |  |  |   |   |
|--|--|---|---|
| <input checked="" type="checkbox"/> Volatile Organics              | <input checked="" type="checkbox"/> Semi-Volatile Organics | <input type="checkbox"/> Colilert / E. Coli                   | <input checked="" type="checkbox"/> Metals (Filtered / Soluble) <b>RAW</b>  |
| <input checked="" type="checkbox"/> Chlorinated Pesticides         | <input checked="" type="checkbox"/> Herbicide Metabolites  | <input type="checkbox"/> MPN                                  | <input type="checkbox"/> pH, Sp. Conductance                                |
| <input type="checkbox"/> Microextractibles                         | <input checked="" type="checkbox"/> Aldicarb Pesticides    | <input type="checkbox"/> SPC                                  | <input checked="" type="checkbox"/> Inorganics (NO <sub>3</sub> , Cl, etc.) |
| <input type="checkbox"/> Chlorinated Acids                         | <input checked="" type="checkbox"/> Dacthal                | <input type="checkbox"/> Enterococci                          | <input checked="" type="checkbox"/> Perchlorate                             |
| <input type="checkbox"/> Total Hardness                            | <input type="checkbox"/> PCB <input type="checkbox"/> PAH  | <input type="checkbox"/> Vitek                                | <input type="checkbox"/> MBAS <input type="checkbox"/> Mercury              |
| <input type="checkbox"/> Calcium Hardness                          | <input type="checkbox"/> TPH <input type="checkbox"/> TCLP | <input type="checkbox"/> BT                                   | <input type="checkbox"/> Total Alkalinity                                   |
| <input type="checkbox"/> Total Solids                              | <input type="checkbox"/> Cyanide                           | <input type="checkbox"/> CPA-T <input type="checkbox"/> CPA-F | <input type="checkbox"/> TKN <input type="checkbox"/> DKN                   |
| <input type="checkbox"/> Suspended Solids                          | <input type="checkbox"/> Phenols                           | <input type="checkbox"/> Radiology                            | <input type="checkbox"/> TP <input type="checkbox"/> DP                     |
| <input type="checkbox"/> Dissolved Solids                          | <input type="checkbox"/> Oil & Grease                      | (Tritium, Gross Alpha, Gross Beta)                            | <input type="checkbox"/> TN <input type="checkbox"/> DN                     |
| <input type="checkbox"/> TOC <input type="checkbox"/> DOC          | <input type="checkbox"/> Fluoride                          | <input type="checkbox"/> Asbestos                             | <input type="checkbox"/> Total Fe <input type="checkbox"/> Total Mn         |
| <input type="checkbox"/> Histamine <input type="checkbox"/> EP Tox | <input type="checkbox"/> Hexavalent Chromium               | <input type="checkbox"/> Flash Point                          | <input checked="" type="checkbox"/> Total Metals (raw)                      |

\* Test Well is for wells used for testing only, not for drinking water wells. Development wells are Private.

Additional Field Data:

FIELD MEASUREMENTS

|                     |                              |
|---------------------|------------------------------|
| DTW/GAGE (ft) 6.67  | TASK/PROJECT #               |
| FIELD TURBIDITY     | INTERVAL DEPTH (ft) 65'      |
| FIELD D.O. 1.51     | PROFILE #                    |
| FIELD TEMP. (°C) 15 | SCREEN LENGTH (ft) 10'       |
| FIELD pH 5.60       | SUMP LENGTH (ft) 5'          |
| FIELD COND. 368     | WELL DIAMETER (in) 4"        |
| PUMP RATE (GPM) 1.9 | <b>PVC</b> / STAINLESS STEEL |

COMMENTS:

SUFFOLK COUNTY DEPARTMENT OF HEALTH SERVICES  
DIVISION OF ENVIRONMENTAL QUALITY  
PUBLIC AND ENVIRONMENTAL HEALTH LABORATORY - ELAP #10528

Field#: 001-474-050714



Lab#: 07-05-00902

Collector: MILITO

Submission Date 7/14/2005

Collection Date: 7/14/2005

Labworks ID: MG00902

Source: [NYSDEC] PP-1, Prosser Pines Park, Yaphank

Type: TESTWELL

CARBAMATE PESTICIDE ANALYSIS - EPA Method 531.1

| DB#   | Analyte             | Result | Units |
|-------|---------------------|--------|-------|
| C0223 | Aldicarb            | < 0.5  | ppb   |
| C0525 | Aldicarb sulfoxide  | < 0.5  | ppb   |
| C0526 | Aldicarb sulfone    | < 0.5  | ppb   |
| C0224 | Carbofuran          | < 0.5  | ppb   |
| C0527 | 3-Hydroxycarbofuran | < 0.5  | ppb   |
| C0528 | Oxamyl              | < 0.5  | ppb   |
| C0529 | Carbaryl            | < 0.5  | ppb   |
| C0554 | 1-Naphthol          | < 0.5  | ppb   |
| C0530 | Methomyl            | < 0.5  | ppb   |
| C0550 | Propoxur            | < 0.5  | ppb   |
| C0551 | Methiocarb          | < 0.5  | ppb   |
| C0537 | Methiocarb sulfone  | < 0.5  | ppb   |

12 Components

Date completed <sup>8/11/05</sup> 8/30/05 SKA/lu

SUFFOLK COUNTY DEPARTMENT OF HEALTH SERVICES  
DIVISION OF ENVIRONMENTAL QUALITY  
PUBLIC AND ENVIRONMENTAL HEALTH LABORATORY - ELAP #10528

Field Number: 001-474-050714  
Collection Date: 7/14/2005  
Collection Time: 09:10  
Collected By: MILITO



Lab Number: 07-05-00902  
Submission Date: 7/14/2005  
Sample ID: MG00902  
Sample Type: TESTWELL

Source: [NYSDEC] PP-1, Prosser Pines Park, Yaphank

CHLORINATED PESTICIDE ANALYSIS - EPA Method 505

| DB#   | Analyte            | Result | Units | DB#   | Analyte            | Result | Units |
|-------|--------------------|--------|-------|-------|--------------------|--------|-------|
| C0207 | Alpha - BHC        | < 0.2  | ppb   | C0218 | 4,4 DDE            | < 0.2  | ppb   |
| C0208 | Beta - BHC         | < 0.2  | ppb   | C0217 | 4,4 DDD            | < 0.2  | ppb   |
| C0211 | Gamma - BHC        | < 0.2  | ppb   | C0220 | 4,4 DDT            | < 0.2  | ppb   |
| C0209 | Delta - BHC        | < 0.2  | ppb   | C0210 | Endrin             | < 0.2  | ppb   |
| C0221 | Heptachlor         | < 0.2  | ppb   | C0204 | Endrin aldehyde    | < 0.2  | ppb   |
| C0222 | Heptachlor epoxide | < 0.2  | ppb   | C0215 | Chlordane          | < 1.   | ppb   |
| C0214 | Aldrin             | < 0.2  | ppb   | C0226 | Alachlor           | < 0.5  | ppb   |
| C0216 | Dieldrin           | < 0.2  | ppb   | C0212 | Methoxychlor       | < 0.2  | ppb   |
| C0230 | Endosulfan I       | < 0.2  | ppb   | C0231 | Endosulfan II      | < 0.2  | ppb   |
| C0536 | Dacthal            | < 0.2  | ppb   | C0232 | Endosulfan Sulfate | < 0.2  | ppb   |

20 Components

Analyst(s): DS Date(s) of analysis: 7/21/05

MICROEXTRACTABLE ANALYSIS - EPA Method 504

| DB#   | Analyte           | Result | Units | DB#   | Analyte                     | Result | Units |
|-------|-------------------|--------|-------|-------|-----------------------------|--------|-------|
| C0293 | 1,2-dibromoethane | < 0.02 | ppb   | C0608 | 1,2-dibromo-3-chloropropane | < 0.02 | ppb   |

Analyst(s): DS Date(s) of analysis: 7/21/05

All positive results confirmed by GC/MS.

Comments:

SUFFOLK COUNTY DEPARTMENT OF HEALTH SERVICES  
DIVISION OF ENVIRONMENTAL QUALITY  
PUBLIC AND ENVIRONMENTAL HEALTH LABORATORY - ELAP #10528

Field#: 001-474-050714



Lab#: 07-05-00902

Collector: MILITO

Submission Date 7/14/2005

Collection Date: 7/14/2005

Labworks ID: MG00902

Source: [NYSDEC] PP-1, Prosser Pines Park, Yaphank

Type: TESTWELL

DACTHAL ANALYSIS - HPLC/LC - GC/MS Method developed at the Public and Environmental Health Laboratory

| DB#   | Analyte                                 | Result | Units |
|-------|---|--------|-------|
| C0534 | Monomethyltetrachloroterephthalate (MM) | < 5    | ppb   |
| C0535 | Tetrachloroterephthalic acid (TCPA)     | < 5    | ppb   |

Date completed 8/1/05 SKM

SUFFOLK COUNTY DEPARTMENT OF HEALTH SERVICES  
 DIVISION OF ENVIRONMENTAL QUALITY  
 PUBLIC AND ENVIRONMENTAL HEALTH LABORATORY - ELAP #10528

Field#: 001-474-050714



Lab#: 07-05-00902

Collection Date: 7/14/2005

Submission Date 7/14/2005

Collector: MILITO

Labworks ID: MG00902

Source: [NYSDEC] PP-1, Prosser Pines Park, Yaphank

Type: TESTWELL

HERBICIDE METABOLITE ANALYSIS - LC/MS Method developed at SCDHS PEHL

| DB#   | Analyte                             | Result | Units |
|-------|-------------------------------------|--------|-------|
| C0752 | G-28273 (DACT - Didealkylatrazine)  | < 0.8  | ug/L  |
| C0750 | G-28279 (DIA - Delsopropylatrazine) | < 0.2  | ug/L  |
| C0751 | G-30033 (DEA - Desethylatrazine)    | < 0.4  | ug/L  |
| C0761 | Imidacloprid                        | < 0.2  | ug/L  |
| C0759 | CP-108064 (Alachlor OA)             | < 0.4  | ug/L  |
| C0760 | CP-108065 (Alachlor ESA)            | < 0.2  | ug/L  |
| C0755 | CGA-37735 (Metolachlor Metabolite)  | < 0.2  | ug/L  |
| C0753 | CGA-51202 (Metolachlor OA)          | < 0.3  | ug/L  |
| C0754 | CGA-354743 (Metolachlor ESA)        | < 0.3  | ug/L  |
| C0756 | CGA-41638 (Metolachlor Metabolite)  | < 0.3  | ug/L  |
| C0758 | CGA-40172 (Metolachlor Metabolite)  | < 0.3  | ug/L  |
| C0757 | CGA-67125 (Metolachlor Metabolite)  | < 0.3  | ug/L  |
| C0762 | G-34048 (2-HydroxyAtrazine)         | < 0.3  | ug/L  |
| C0763 | Malaoxon                            | < 0.2  | ug/L  |
| C0764 | Trichlorfon                         | < 0.3  | ug/L  |
| C0765 | Siduron                             | < 0.3  | ug/L  |
| C0841 | Dichlorvos                          | < 0.6  | ug/L  |
| C0766 | Propamocarb hydrochloride           | < 0.3  | ug/L  |
| C0767 | 2,6-Dichlorobenzamide               | < 0.5  | ug/L  |
| C0768 | Halopropr                           | < 0.6  | ug/L  |
| C0719 | Gemfibrozil <i>TRACE = 0.08 ppb</i> | < 0.4  | ug/L  |

21 Component(s)

Date completed *7/17/05 RUM*

SUFFOLK COUNTY DEPARTMENT OF HEALTH SERVICES  
 DIVISION OF ENVIRONMENTAL QUALITY  
 PUBLIC AND ENVIRONMENTAL HEALTH LABORATORY - ELAP #10528

POTABLE WATER ANALYSIS

Field#: 001-474-050714

Collection Date: 7/14/2005  
 Collector: MILITO



Lab#: 07-05-00902

Submission Date 7/14/2005

Labworks ID: MG00902

Source: [NYSDEC] PP-1, Prosser Pines Park, Yaphank

Type: TESTWELL

Metal Analyses - EPA Method 200.8

| DB#   | Analyte    | Result | Units | Analyst |
|-------|------------|--------|-------|---------|
| C0128 | Silver     | < 5    | ug/L  | WM      |
| C0127 | Aluminum   | < 2    | ug/L  | WM      |
| C0120 | Arsenic    | < 2    | ug/L  | WM      |
| C0123 | Boron      | < 2    | ug/L  | WM      |
| C0426 | Beryllium  | < 1    | ug/L  | WM      |
| C0122 | Cadmium    | < 1    | ug/L  | WM      |
| C0126 | Cobalt     | < 1    | ug/L  | WM      |
| C0124 | Chromium   | < 1    | ug/L  | WM      |
| C0102 | Copper     | < 1    | ug/L  | WM      |
| C0124 | Mercury    | < 0.4  | ug/L  | WM      |
| C0101 | Manganese  | < 2    | ug/L  | WM      |
| C0129 | Molybdenum | < 1    | ug/L  | WM      |
| C0131 | Nickel     | < 1    | ug/L  | WM      |
| C0123 | Lead       | < 1    | ug/L  | WM      |
| C0427 | Antimony   | < 1    | ug/L  | WM      |
| C0125 | Selenium   | < 4    | ug/L  | WM      |
| C0062 | Thorium    | < 4    | ug/L  | WM      |
| C0416 | Titanium   | < 1    | ug/L  | WM      |
| C0425 | Thallium   | < 0.5  | ug/L  | WM      |
| C0115 | Vanadium   | < 1    | ug/L  | WM      |
| C0103 | Zinc       | < 50   | ug/L  | WM      |

21 Components

Date Analyzed: 7/26/2005

Metal Analyses - EPA Method 200.7

| DB#   | Analyte   | Result | Units | Analyst |
|-------|-----------|--------|-------|---------|
| C0100 | Iron      | < 0.1  | mg/L  | WM      |
| C0106 | Sodium    | < 2    | mg/L  | WM      |
| C0107 | Potassium | < 2    | mg/L  | WM      |
| C0108 | Calcium   | < 2    | mg/L  | WM      |
| C0109 | Magnesium | < 2    | mg/L  | WM      |

Date Analyzed: 8/8/2005

Comments:

SUFFOLK COUNTY DEPARTMENT OF HEALTH SERVICES  
 DIVISION OF ENVIRONMENTAL QUALITY  
 PUBLIC AND ENVIRONMENTAL HEALTH LABORATORY - ELAP #10528

Field#: 001-474-050714



Lab#: 07-05-00902

Collector: MILITO

Submission Date 7/14/2005

Collection Date: 7/14/2005

Labworks ID: MG00902

Source: [NYSDEC] PP-1, Prosser Pines Park, Yaphank

Type: TESTWELL

Standard Inorganic Analyses

| DB#   | Analyte                 | Result | Units | ELAP Meth.# | Analyst | Analysis Date |
|-------|-------------------------|--------|-------|-------------|---------|---------------|
| C0080 | Chloride                | 55.    | mg/L  | 2459        | PB      | 7/15/2005     |
| C0087 | Sulfate                 | 33.    | mg/L  | 2459        | PB      | 7/15/2005     |
| C0076 | Ammonia (not distilled) | 7.25   | mg/L  | 2489        | BS      | 7/15/2005     |
| C0077 | Nitrite                 | < .020 | mg/L  | 2489        | BS      | 7/15/2005     |
| C0079 | Nitrate                 | 9.2    | mg/L  | 2459        | PB      | 7/15/2005     |
| C0096 | Bromide                 | < 0.5  | mg/L  | 9173        | PB      | 7/15/2005     |
| C0097 | Ortho-Phosphate         | < .2   | mg/L  | 2459        | PB      | 7/15/2005     |
| C0090 | Fluoride                | < .2   | mg/L  | 2459        | PB      | 7/15/2005     |

Optional Inorganic Analyses

| DB#   | Analyte     | Result | Units | ELAP Meth.# | Analyst | Analysis Date |
|-------|-------------|--------|-------|-------------|---------|---------------|
| C0093 | Perchlorate | < 2    | ppb   |             | BAV     | 7/27/2005     |

Reviewed: BY 7/27/05

SUFFOLK COUNTY DEPARTMENT OF HEALTH SERVICES  
 DIVISION OF ENVIRONMENTAL QUALITY  
 PUBLIC AND ENVIRONMENTAL HEALTH LABORATORY - ELAP #10528

Field Number: 001-474-050714

Collection Date: 7/14/2005

Collection Time: 9:10:00 AM

Collected By: MILITO



Lab Number: 07-05-00902

Submission Date: 7/14/2005

Sample ID: MG00902

Sample Type: TESTWELL

Source: [NYSDEC] PP-1, Prosser Pines Park, Yaphank

SEMI-VOLATILE ORGANIC ANALYSIS - EPA Method 525.2

| DB#   | Analyte                     | Result (ppb) | Internal Std # | DB#   | Analyte                   | Result (ppb) | Internal Std # | DB#   | Analyte                  | Result (ppb) | Internal Std # |
|-------|-----------------------------|--------------|----------------|-------|---------------------------|--------------|----------------|-------|--------------------------|--------------|----------------|
| C0047 | Hexachlorocyclopentadiene   | < 1.         | 1              | C0052 | Metolachlor               | < 0.2        | 2              | C0057 | Hexachlorobenzene        | < 0.2        | 1              |
| C0536 | Dacthal                     | < 0.2        | 2              | C0056 | Simazine                  | < 0.2        | 2              | C0050 | Butachlor                | < 0.2        | 3              |
| C0055 | Atrazine                    | < 0.2        | 2              | C0049 | bis(2-ethylhexyl) adipate | < 0.5        | 3              | C0054 | Metribuzin               | < 0.2        | 2              |
| C0048 | bis(2-ethylhexyl) phthalate | < 2.         | 3              | C0226 | Alachlor                  | < 0.2        | 2              | C0712 | Benzo-a-pyrene           | < 0.2        | 3              |
| C0040 | Propachlor                  | < 0.2        | 1              | C0041 | Bromacil                  | < 0.5        | 2              | C0046 | Diazinon                 | < 0.2        | 2              |
| C0035 | Prometon                    | < 0.5        | 2              | C0031 | Metaixyl                  | < 0.2        | 2              | C0801 | Pentachlorobenzene       | < 0.2        | 1              |
| C0802 | Tebuthiuron                 | < 0.5        | 1              | C0803 | Disulfoton                | < 0.5        | 2              | C0808 | Acetochlor               | < 0.2        | 2              |
| C0804 | Ethofumesate                | < 0.2        | 2              | C0805 | Malathion                 | < 0.5        | 2              | C0806 | Chlorpyrifos             | < 0.2        | 2              |
| C0807 | Isofenphos                  | < 0.5        | 2              | C0814 | Cyfluthrin                | < 0.2        | 1              | C0809 | Trifluralin              | < 0.5        | 1              |
| C0815 | Benfluralin                 | < 0.5        | 1              | C0810 | Pentachloronitrobenzene   | < 0.2        | 2              | C0816 | Chlorothalonil           | < 1.         | 2              |
| C0811 | Vinclozolin                 | < 0.5        | 2              | C0817 | Triadimefon               | < 0.5        | 2              | C0812 | Pendimethalin            | < 0.2        | 2              |
| C0818 | Iodofenphos                 | < 0.2        | 3              | C0813 | Iprodione                 | < 0.5        | 3              | C0819 | Permethrin               | < 0.2        | 3              |
| C0820 | EPTC                        | < 0.2        | 1              | C0821 | Terbufos                  | < 0.2        | 2              | C0278 | Dinoseb                  | < 0.5        | 2              |
| C0822 | Terbacil                    | < 0.5        | 2              | C0032 | Cyanazine                 | < 0.2        | 2              | C0823 | Disulfoton sulfone       | < 0.2        | 3              |
| C0824 | Napropamide                 | < 0.2        | 3              | C0825 | Kelthane                  | < 0.5        | 3              | C0826 | Bloc                     | < 0.2        | 3              |
| C0827 | Dichlobenil                 | < 0.2        | 1              | C0828 | Methoprene                | < 0.2        | 2              | C0829 | Resmethrin               | < 0.2        | 3              |
| C0830 | Sumithrin                   | < 0.2        | 3              | C0831 | Piperonyl butoxide        | < 0.5        | 3              | C0832 | Ethyl parathion          | < 0.2        | 2              |
| C0833 | Methyl parathion            | < 0.2        | 2              | C0834 | Azoxystrobin              | < 0.2        | 3              | C0836 | Propiconazole            | < 0.2        | 3              |
| C0216 | Dieldrin                    | < 0.2        | 2              | C0232 | Endosulfan sulfate        | < 0.2        | 2              | C0837 | Allethrin                | < 0.2        | 2              |
| C0838 | Caffeine                    | < 0.5        | 2              | C0839 | Cypermethrin              | < 0.5        | 3              | C0840 | Deltamethrin             | < 0.5        | 3              |
| C0841 | Dichlorvos                  | < 0.5        | 1              | C0842 | Naled (Dibrom)            | < 0.2        | 1              | C0843 | Prometryne               | < 0.2        | 2              |
| C0212 | Methoxychlor                | < 0.2        | 3              | C0215 | Chlordane                 | < 1.         | 3              | C0717 | Diethyltoluamide (DEET)  | < 0.2        | 1              |
| C0718 | Benzophenone                | < 0.2        | 1              | C0720 | Chlorofenvinphos          | < 0.2        | 2              | C0847 | Chloroxylenol            | < 0.2        | 1              |
| C0849 | Carisoprodol                | < 0.2        | 2              | C0850 | Triclosan                 | < 0.2        | 2              | C0851 | Butylated Hydroxyanisole | < 0.5        | 1              |
| C0852 | Butylated Hydroxytoluene    | < 0.2        | 1              | C0708 | Benzo(a)anthracene        | < 0.5        | 3              | C0709 | Chrysene                 | < 0.2        | 3              |
| C0710 | Benzo(b)fluoranthene        | < 0.2        | 3              | C0711 | Benzo(k)fluoranthene      | < 0.2        | 3              | C0715 | Indeno(1,2,3-cd)pyrene   | < 0.2        | 3              |
| C0713 | Dibenzo(a,h)anthracene      | < 0.2        | 3              | C0714 | Benzo(ghi)perylene        | < 0.2        | 3              | C0401 | Dibutyl phthalate        | < 1.         | 2              |
| C0844 | Dimethyl phthalate          | < 0.2        | 1              | C0845 | Diethyl phthalate         | < 1.         | 1              | C0846 | Benzyl butyl phthalate   | < 0.2        | 3              |
| C0400 | Diocyl phthalate            | < 0.2        | 3              | C0701 | Naphthalene               | < 0.2        | 1              | C0716 | Acenaphthylene           | < 0.2        | 1              |
| C0702 | Acenaphthene                | < 0.2        | 1              | C0703 | Fluorene                  | < 0.2        | 1              | C0704 | Phenanthrene             | < 0.2        | 2              |
| C0705 | Anthracene                  | < 0.5        | 2              | C0706 | Fluoranthene              | < 0.2        | 2              | C0707 | Pyrene                   | < 0.5        | 3              |
| C0471 | Hexachloroethane            | < 1.         | 1              | C0437 | 1,2,4-Trichlorobenzene    | < 0.2        | 1              | C0807 | Hexachlorobutadiene      | < 0.2        | 1              |
| C0856 | Hexazinone                  | < 1.         | 3              | C0854 | Carbazole                 | < 0.2        | 2              | C0855 | Bisphenol A              | < 2.         | 3              |
| C0859 | Ronstar                     | < 0.2        | 3              | C0857 | 1-Methylnaphthalene       | < 0.2        | 1              | C0858 | 2-Methylnaphthalene      | < 0.2        | 1              |
|       |                             |              |                | 103   | Components                |              |                |       |                          |              |                |

Analyst(s): Cf. AS

Date(s) of analysis: 7-21-05

Reviewed By: KM

All internal standards and surrogate recoveries within acceptable range (70-130%) unless specified

Internal Standards:

1 Acenaphthene - d10

2 Phenanthrene - d10

3 Chrysene - d12

Surrogate Standards:

1,3-dimethyl-2-nitrobenzene

Triphenylphosphate

Perylene - d12

Comments:

Report Date: 7/26/2005

SUFFOLK COUNTY DEPARTMENT OF HEALTH SERVICES  
 DIVISION OF ENVIRONMENTAL QUALITY  
 PUBLIC AND ENVIRONMENTAL HEALTH LABORATORY - ELAP #10528

aid Number: 001-474-050714  
 ollection Date: 7/14/2005  
 ollection Time: 9:10:00 AM  
 ollected By: MILITO



Lab Number: 07-05-00902  
 Submission Date: 7/14/2005  
 Sample ID: MG00902  
 Sample Type: TESTWELL

ource: [NYSDEC] PP-1, Prosser Pines Park, Yaphank

OLATILE ORGANIC ANALYSIS - EPA Method 524.2

| B#   | Analyte                  | Result    | DB#           | Analyte                   | Result    | DB#   | Analyte                    | Result    |
|------|--------------------------|-----------|---------------|---------------------------|-----------|-------|----------------------------|-----------|
| 0615 | Chlorodifluoromethane    | < 0.5 ppb | C0307         | 1,1-Dichloroethene        | < 0.5 ppb | C0265 | Total Chlorotoluene        | < 0.5 ppb |
| 0436 | Dichlorodifluoromethane  | < 0.5 ppb | C0302         | Bromodichloromethane      | < 0.5 ppb | C0419 | 1,3,5-Trimethylbenzene     | < 0.5 ppb |
| 0612 | Chloroethane             | < 0.5 ppb | C0406         | 2,3-Dichloropropene       | < 0.5 ppb | C0418 | 1,2,4-Trimethylbenzene     | < 0.5 ppb |
| 0611 | Bromomethane             | < 0.5 ppb | C0407         | cis-1,3-Dichloropropene   | < 0.5 ppb | C0415 | m,p-Dichlorobenzene        | < 0.5 ppb |
| 0610 | Chloromethane            | < 0.5 ppb | C0408         | trans-1,3-Dichloropropene | < 0.5 ppb | C0412 | 1,2-Dichlorobenzene (o)    | < 0.5 ppb |
| 0439 | Trichlorofluoromethane   | < 0.5 ppb | C0322         | 1,1,2-Trichloroethane     | < 0.5 ppb | C0432 | p-Diethylbenzene           | < 0.5 ppb |
| 0306 | Vinyl chloride           | < 0.5 ppb | C0409         | 1,1,1,2-Tetrachloroethane | < 0.5 ppb | C0435 | 1,2,4,5-Tetramethylbenzene | < 0.5 ppb |
| 0305 | Methylene chloride       | < 0.5 ppb | C0295         | 1,1,2,2-Tetrachloroethane | < 0.5 ppb | C0437 | 1,2,4-Trichlorobenzene     | < 0.5 ppb |
| 0323 | 1,1-Dichloroethane       | < 0.5 ppb | C0433         | 1,2,3-Trichloropropane    | < 0.5 ppb | C0438 | 1,2,3-Trichlorobenzene     | < 0.5 ppb |
| 0309 | trans-1,2-Dichloroethene | < 0.5 ppb | C0450         | 2,2-Dichloropropane       | < 0.5 ppb | C0600 | Ethenylbenzene (Styrene)   | < 0.5 ppb |
| 0300 | Chloroform               | < 0.5 ppb | C0451         | 1,3-Dichloropropane       | < 0.5 ppb | C0601 | Isopropylbenzene           | < 0.5 ppb |
| 0324 | 1,2-Dichloroethane       | < 0.5 ppb | C0290         | Bromochloromethane        | < 0.5 ppb | C0602 | n-Propylbenzene            | < 0.5 ppb |
| 0321 | 1,1,1-Trichloroethane    | < 0.5 ppb | C0650         | tert-Butyl-Ethyl-Ether    | < 0.5 ppb | C0603 | tert-Butylbenzene          | < 0.5 ppb |
| 0304 | Carbon tetrachloride     | < 0.5 ppb | C0651         | tert-Amyl-Methyl-Ether    | < 0.5 ppb | C0604 | sec-Butylbenzene           | < 0.5 ppb |
| 0294 | 1-Bromo-2-chloroethane   | < 0.5 ppb | C0250         | Benzene                   | < 0.5 ppb | C0605 | p-Isopropyltoluene         | < 0.5 ppb |
| 0405 | 1,2-Dichloropropane      | < 0.5 ppb | C0251         | Toluene                   | < 0.5 ppb | C0606 | n-Butylbenzene             | < 0.5 ppb |
| 0310 | Trichloroethene          | < 0.5 ppb | C0258         | Chlorobenzene             | < 0.5 ppb | C0607 | Hexachlorobutadiene        | < 0.5 ppb |
| 0303 | Chlorodibromomethane     | < 0.5 ppb | C0259         | Ethylbenzene              | < 0.5 ppb |       |                            |           |
| 0420 | 2-Bromo-1-chloropropane  | < 0.5 ppb | C0254         | o-Xylene                  | < 0.5 ppb | C0701 | Naphthalene                | < 0.5 ppb |
| 0301 | Bromoform                | < 0.5 ppb | C0252         | m-Xylene                  | < 0.5 ppb | C0059 | 1,4-Dichlorobutane         | < 0.5 ppb |
| 0311 | Tetrachloroethene        | < 0.5 ppb | C0253         | p-Xylene                  | < 0.5 ppb | C0620 | Methyl sulfide             | < 0.5 ppb |
| 0308 | cis-1,2-Dichloroethene   | < 0.5 ppb | C0255         | Total Xylene              | < 0.5 ppb | C0058 | Dimethylsulfide            | < 0.5 ppb |
| 0320 | Freon 113                | < 0.5 ppb | C0266         | 2-Chlorotoluene           | < 0.5 ppb | C0257 | Bromobenzene               | < 0.5 ppb |
| 0292 | Dibromomethane           | < 0.5 ppb | C0267         | 3-Chlorotoluene           | < 0.5 ppb | C0619 | 2-Butanone (MEK)           | < 20. ppb |
| 0613 | 1,1-Dichloropropene      | < 0.5 ppb | C0268         | 4-Chlorotoluene           | < 0.5 ppb | C0621 | Tetrahydrofuran            | < 20. ppb |
| 0465 | Methyl isothiocyanate    | < 2. ppb  | C0453         | Diethyl ether             | < 0.5 ppb | C0466 | Allyl chloride             | < 0.5 ppb |
| 0455 | Carbon disulfide         | < 0.5 ppb | C0456         | Acrylonitrile             | < 0.5 ppb | C0467 | Methacrylonitrile          | < 0.5 ppb |
| 0458 | Methylmethacrylate       | < 0.5 ppb | C0469         | Ethylmethacrylate         | < 0.5 ppb | C0460 | d-Limonene                 | < 0.5 ppb |
| 0421 | n-Propane                | < 2. ppb  | 85 Components |                           |           |       |                            |           |

omments:

Analyst(s): YL

Report Date: 7/19/2005

Suffolk County Department of Health Services  
 Division of Environmental Quality  
 Public & Environmental Health Laboratory

8

Analysis Request Form

NYSDEC

FIELD # 002-732-050714

TASK / PROJECT # \_\_\_\_\_

SAMPLE ID # PP-2 (50-60)

DATE 7/14/05

COLLECTED BY Wanlass

Time 11:05

Investigation / Stream Name S.C. Dept of Parks Well

Location Prosser Pines, Yapank Middle Island Rd, Yapank

Comments 4" PVC, 5' Sump, 10' Screen, North 5/8 House

Sample Type  Mon. Well  Vert. Profile  Surf. / Stream  Other \_\_\_\_\_

Interval Depth 50-60

PARAMETERS REQUESTED:

- Nutrients Raw Filtered
- Drinking Water Metals Raw Filtered
- Metals Raw (Fe, Mn & P only) Filtered
- Volatile Organics Raw Filtered
- Chlorinated Pesticides Raw Filtered
- Carbamate Pesticides Raw Filtered
- Dacthal Raw Filtered
- Semi-Volatile Raw Filtered
- Herbicide Metabolites Raw Filtered
- Radiological Raw Filtered
- Bacteriology Raw Filtered
- Perchlorate Raw Filtered

- TKN  DKN
- MBAS  TSS

Field Measurements

|                 |                |
|-----------------|----------------|
| DTW / GAGE      | <u>5.27</u>    |
| FIELD TURBIDITY | <u>—</u>       |
| FIELD D.O.      | <u>1.35</u>    |
| FIELD TEMP.     | <u>15.0</u>    |
| FIELD pH        | <u>6.23</u>    |
| FIELD COND.     | <u>412</u>     |
| PUMP RATE       | <u>2.0 gpm</u> |

SUFFOLK COUNTY DEPARTMENT OF HEALTH SERVICES  
DIVISION OF ENVIRONMENTAL QUALITY  
PUBLIC AND ENVIRONMENTAL HEALTH LABORATORY - ELAP #10528

Field#: 002-732-050714



Lab#: 07-05-00903

Collector: WANLASS

Submission Date 7/14/2005

Collection Date: 7/14/2005

Labworks ID: MG00903

Source: [NYSDEC] pp-2 (50-60), S.C. Dept of Parks Well, Prosser Pines, Yaphank, Middle

Type: TESTWELL

CARBAMATE PESTICIDE ANALYSIS - EPA Method 531.1

| DB#   | Analyte             | Result | Units |
|-------|---------------------|--------|-------|
| C0223 | Aldicarb            | < 0.5  | ppb   |
| C0525 | Aldicarb sulfoxide  | < 0.5  | ppb   |
| C0526 | Aldicarb sulfone    | < 0.5  | ppb   |
| C0224 | Carbofuran          | < 0.5  | ppb   |
| C0527 | 3-Hydroxycarbofuran | < 0.5  | ppb   |
| C0528 | Oxamyl              | < 0.5  | ppb   |
| C0529 | Carbaryl            | < 0.5  | ppb   |
| C0554 | 1-Naphthol          | < 0.5  | ppb   |
| C0530 | Methomyl            | < 0.5  | ppb   |
| C0550 | Propoxur            | < 0.5  | ppb   |
| C0551 | Methiocarb          | < 0.5  | ppb   |
| C0537 | Methiocarb sulfone  | < 0.5  | ppb   |

12 Components

Date completed <sup>8/11/05</sup> 8/30/05 SCW/jw

SUFFOLK COUNTY DEPARTMENT OF HEALTH SERVICES  
DIVISION OF ENVIRONMENTAL QUALITY  
PUBLIC AND ENVIRONMENTAL HEALTH LABORATORY - ELAP #10528

Field Number: 002-732-050714  
Collection Date: 7/14/2005  
Collection Time: 11:05  
Collected By: WANLASS



Lab Number: 07-05-00903  
Submission Date: 7/14/2005  
Sample ID: MG00903  
Sample Type: TESTWELL

Source: [NYSDEC] pp-2 (50-60), S.C. Dept of Parks Well, Prosser Pines, Yaphank, Middle

CHLORINATED PESTICIDE ANALYSIS - EPA Method 505

| DB#   | Analyte            | Result | Units | DB#   | Analyte            | Result | Units |
|-------|--------------------|--------|-------|-------|--------------------|--------|-------|
| C0207 | Alpha - BHC        | < 0.2  | ppb   | C0218 | 4,4 DDE            | < 0.2  | ppb   |
| C0208 | Beta - BHC         | < 0.2  | ppb   | C0217 | 4,4 DDD            | < 0.2  | ppb   |
| C0211 | Gamma - BHC        | < 0.2  | ppb   | C0220 | 4,4 DDT            | < 0.2  | ppb   |
| C0209 | Delta - BHC        | < 0.2  | ppb   | C0210 | Endrin             | < 0.2  | ppb   |
| C0221 | Heptachlor         | < 0.2  | ppb   | C0204 | Endrin aldehyde    | < 0.2  | ppb   |
| C0222 | Heptachlor epoxide | < 0.2  | ppb   | C0215 | Chlordane          | < 1.   | ppb   |
| C0214 | Aldrin             | < 0.2  | ppb   | C0226 | Atachlor           | < 0.5  | ppb   |
| C0216 | Dieldrin           | < 0.2  | ppb   | C0212 | Methoxychlor       | < 0.2  | ppb   |
| C0230 | Endosulfan I       | < 0.2  | ppb   | C0231 | Endosulfan II      | < 0.2  | ppb   |
| C0536 | Dacthal            | < 0.2  | ppb   | C0232 | Endosulfan Sulfate | < 0.2  | ppb   |

20 Components

Analyst(s): DS Date(s) of analysis 7/21/05

MICROEXTRACTABLE ANALYSIS - EPA Method 504

| DB#   | Analyte           | Result | Units | DB#   | Analyte                     | Result | Units |
|-------|-------------------|--------|-------|-------|-----------------------------|--------|-------|
| C0293 | 1,2-dibromoethane | < 0.02 | ppb   | C0608 | 1,2-dibromo-3-chloropropane | < 0.02 | ppb   |

Analyst(s): DS Date(s) of analysis 7/21/05

All positive results confirmed by GC/MS.

Comments:

SUFFOLK COUNTY DEPARTMENT OF HEALTH SERVICES  
DIVISION OF ENVIRONMENTAL QUALITY  
PUBLIC AND ENVIRONMENTAL HEALTH LABORATORY - ELAP #10528



Lab#: 07-05-00903

Id#: 002-732-050714

Actor: WANLASS

Submission Date 7/14/2005

Collection Date: 7/14/2005

Labworks ID: MG00903

Source: [NYSDEC] pp-2 (50-60), S.C. Dept of Parks Well, Prosser Pines, Yaphank, Middle

Sample: TESTWELL

DACTHAL ANALYSIS - HPLC/LC - GC/MS Method developed at the Public and Environmental Health Laboratory

| DB#   | Analyte                                 | Result | Units |
|-------|---|--------|-------|
| C0534 | Monomethyltetrachloroterephthalate (MM) | < 5    | ppb   |
| C0535 | Tetrachloroterephthalic acid (TCPA)     | < 5    | ppb   |

Date completed <sup>8/11/05</sup> 9/16/05 SKM/W

SUFFOLK COUNTY DEPARTMENT OF HEALTH SERVICES  
 DIVISION OF ENVIRONMENTAL QUALITY  
 PUBLIC AND ENVIRONMENTAL HEALTH LABORATORY - ELAP #10528



Field#: 002-732-050714

Lab#: 07-05-00903

Collection Date: 7/14/2005

Submission Date 7/14/2005

Collector: WANLASS

Labworks ID: MG00903

Source: [NYSDEC] pp-2 (50-60), S.C. Dept of Parks Well, Prosser Pines, Yaphank, Middle

Type: TESTWELL

HERBICIDE METABOLITE ANALYSIS - LC/MS Method developed at SCDHS PEHL

| DB#   | Analyte                             | Result | Units |
|-------|-------------------------------------|--------|-------|
| C0752 | G-28273 (DACT - Didealkylatrazine)  | < 0.8  | ug/L  |
| C0750 | G-28279 (DIA - Deisopropylatrazine) | < 0.2  | ug/L  |
| C0751 | G-30033 (DEA - Desethylatrazine)    | < 0.4  | ug/L  |
| C0761 | Imidacloprid                        | < 0.2  | ug/L  |
| C0759 | CP-108064 (Alachlor OA)             | < 0.4  | ug/L  |
| C0760 | CP-108065 (Alachlor ESA)            | < 0.2  | ug/L  |
| C0755 | CGA-37735 (Metolachlor Metabolite)  | < 0.2  | ug/L  |
| C0753 | CGA-51202 (Metolachlor OA)          | < 0.3  | ug/L  |
| C0754 | CGA-354743 (Metolachlor ESA)        | < 0.3  | ug/L  |
| C0756 | CGA-41638 (Metolachlor Metabolite)  | < 0.3  | ug/L  |
| C0758 | CGA-40172 (Metolachlor Metabolite)  | < 0.3  | ug/L  |
| C0757 | CGA-67125 (Metolachlor Metabolite)  | < 0.3  | ug/L  |
| C0762 | G-34048 (2-HydroxyAtrazine)         | < 0.3  | ug/L  |
| C0763 | Malaoxon                            | < 0.2  | ug/L  |
| C0764 | Trichlorfon                         | < 0.3  | ug/L  |
| C0765 | Slduron                             | < 0.3  | ug/L  |
| C0841 | Dichlorvos                          | < 0.6  | ug/L  |
| C0766 | Propamocarb hydrochloride           | < 0.3  | ug/L  |
| C0767 | 2,6-Dichlorobenzamide               | < 0.5  | ug/L  |
| C0848 | Ibuprofen                           | < 0.2  | ug/L  |

21 Component(s)

Date completed 7/17/05 *msm*

SUFFOLK COUNTY DEPARTMENT OF HEALTH SERVICES  
 DIVISION OF ENVIRONMENTAL QUALITY  
 PUBLIC AND ENVIRONMENTAL HEALTH LABORATORY - ELAP #10528

POTABLE WATER ANALYSIS



Field#: 002-732-050714

Collection Date: 7/14/2005  
 Collector: WANLASS

Lab#: 07-05-00903

Submission Date 7/14/2005  
 Labworks ID: MG00903

Source: [NYSDEC] pp-2 (50-60), S.C. Dept of Parks Well, Prosser Pines, Yaphank, Middle  
 Type: TESTWELL

Metal Analyses - EPA Method 200.8

| DB#   | Analyte    | Result | Units | Analyst |
|-------|------------|--------|-------|---------|
| C0126 | Silver     | < 5    | ug/L  | WM      |
| C0127 | Aluminum   | < 5    | ug/L  | WM      |
| C0120 | Arsenic    | < 2    | ug/L  | WM      |
| C0121 | Barium     | < 2    | ug/L  | WM      |
| C0426 | Beryllium  | < 1    | ug/L  | WM      |
| C0122 | Cadmium    | < 1    | ug/L  | WM      |
| C0123 | Cobalt     | < 1    | ug/L  | WM      |
| C0124 | Chromium   | < 1    | ug/L  | WM      |
| C0125 | Copper     | < 1    | ug/L  | WM      |
| C0124 | Mercury    | < 0.4  | ug/L  | WM      |
| C0126 | Manganese  | < 1    | ug/L  | WM      |
| C0129 | Molybdenum | < 1    | ug/L  | WM      |
| C0127 | Nickel     | < 1    | ug/L  | WM      |
| C0123 | Lead       | < 1    | ug/L  | WM      |
| C0427 | Antimony   | < 1    | ug/L  | WM      |
| C0125 | Selenium   | < 4    | ug/L  | WM      |
| C0062 | Thorium    | < 4    | ug/L  | WM      |
| C0416 | Titanium   | < 1    | ug/L  | WM      |
| C0425 | Thallium   | < 0.5  | ug/L  | WM      |
| C0115 | Vanadium   | < 1    | ug/L  | WM      |
| C0103 | Zinc       | < 50   | ug/L  | WM      |

21 Components

Date Analyzed: 7/26/2005

Metal Analyses - EPA Method 200.7

| DB#   | Analyte   | Result | Units | Analyst |
|-------|-----------|--------|-------|---------|
| C0100 | Iron      | < 0.1  | mg/L  | WM      |
| C0106 | Sodium    | < 10   | mg/L  | WM      |
| C0107 | Potassium | < 10   | mg/L  | WM      |
| C0108 | Calcium   | < 10   | mg/L  | WM      |
| C0109 | Magnesium | < 10   | mg/L  | WM      |

Date Analyzed: 8/8/2005

Comments:

SUFFOLK COUNTY DEPARTMENT OF HEALTH SERVICES  
 DIVISION OF ENVIRONMENTAL QUALITY  
 PUBLIC AND ENVIRONMENTAL HEALTH LABORATORY - ELAP #10528

Field#: 002-732-050714



Lab#: 07-05-00903

Collector: WANLASS

Submission Date 7/14/2005

Collection Date: 7/14/2005

Labworks ID: MG00903

Source: [NYSDEC] pp-2 (50-60), S.C. Dept of Parks Well, Prosser Pines, Yaphank, Middle

Type: TESTWELL

Standard Inorganic Analyses

| DB#   | Analyte                 | Result | Units | ELAP Meth.# | Analyst | Analysis Date |
|-------|-------------------------|--------|-------|-------------|---------|---------------|
| C0080 | Chloride                | 40.    | mg/L  | 2459        | PB      | 7/15/2005     |
| C0087 | Sulfate                 | 33.    | mg/L  | 2459        | PB      | 7/15/2005     |
| C0076 | Ammonia (not distilled) | 4.81   | mg/L  | 2489        | BS      | 7/15/2005     |
| C0077 | Nitrite                 | < .020 | mg/L  | 2489        | BS      | 7/15/2005     |
| C0079 | Nitrate                 | .5     | mg/L  | 2459        | PB      | 7/15/2005     |
| C0096 | Bromide                 | < 0.5  | mg/L  | 9173        | PB      | 7/15/2005     |
| C0097 | Ortho-Phosphate         | < .2   | mg/L  | 2459        | PB      | 7/15/2005     |
| C0090 | Fluoride                | < .2   | mg/L  | 2459        | PB      | 7/15/2005     |

Optional Inorganic Analyses

| DB#   | Analyte     | Result | Units | ELAP Meth.# | Analyst | Analysis Date |
|-------|-------------|--------|-------|-------------|---------|---------------|
| C0093 | Perchlorate | 4.     | ppb   |             | PB      | 7/14/2005     |

Reviewed: BV 8/6/05

SUFFOLK COUNTY DEPARTMENT OF HEALTH SERVICES  
 DIVISION OF ENVIRONMENTAL QUALITY  
 PUBLIC AND ENVIRONMENTAL HEALTH LABORATORY - ELAP #10528

Field Number: 002-732-050714  
 Collection Date: 7/14/2005  
 Collection Time: 11:05:00 AM  
 Collected By: WANLASS



Lab Number: 07-05-00903  
 Submission Date: 7/14/2005  
 Sample ID: MG00903  
 Sample Type: TESTWELL

Source: [NYSDEC] pp-2 (50-60), S.C. Dept of Parks Well, Prosser Pines, Yaphank, Middle

SEMI-VOLATILE ORGANIC ANALYSIS - EPA Method 525.2

| DB#   | Analyte                     | Result (ppb) | Internal Std # | DB#   | Analyte                   | Result (ppb) | Internal Std # | DB#   | Analyte                  | Result (ppb) | Internal Std # |
|-------|-----------------------------|--------------|----------------|-------|---------------------------|--------------|----------------|-------|--------------------------|--------------|----------------|
| C0047 | Hexachlorocyclopentadiene   | < 1.         | 1              | C0052 | Metolachlor               | < 0.2        | 2              | C0057 | Hexachlorobenzene        | < 0.2        | 1              |
| C0536 | Dacthal                     | < 0.2        | 2              | C0056 | Simazine                  | < 0.2        | 2              | C0050 | Butachlor                | < 0.2        | 3              |
| C0055 | Atrazine                    | < 0.2        | 2              | C0049 | bis(2-ethylhexyl) adipate | < 0.5        | 3              | C0054 | Metribuzin               | < 0.2        | 2              |
| C0048 | bis(2-ethylhexyl) phthalate | < 2.         | 3              | C0226 | Alachlor                  | < 0.2        | 2              | C0712 | Benzo-a-pyrene           | < 0.2        | 3              |
| C0040 | Propachlor                  | < 0.2        | 1              | C0041 | Bromacil                  | < 0.5        | 2              | C0046 | Diazinon                 | < 0.2        | 2              |
| C0035 | Prometon                    | < 0.5        | 2              | C0031 | Metalaxyl                 | < 0.2        | 2              | C0801 | Pentachlorobenzene       | < 0.2        | 1              |
| C0802 | Tebuthluron                 | < 0.5        | 1              | C0803 | Disulfoton                | < 0.5        | 2              | C0808 | Acetochlor               | < 0.2        | 2              |
| C0804 | Ethofumesate                | < 0.2        | 2              | C0805 | Malathion                 | < 0.5        | 2              | C0806 | Chlorpyrifos             | < 0.2        | 2              |
| C0807 | Isofenphos                  | < 0.5        | 2              | C0814 | Cyfluthrin                | < 0.2        | 1              | C0809 | Trifluralin              | < 0.5        | 1              |
| C0815 | Benflurallin                | < 0.5        | 1              | C0810 | Pentachloronitrobenzene   | < 0.2        | 2              | C0816 | Chlorothalonil           | < 1.         | 2              |
| C0811 | Vinclozolin                 | < 0.5        | 2              | C0817 | Triadimefon               | < 0.5        | 2              | C0812 | Pendimethalin            | < 0.2        | 2              |
| C0818 | Iodofenphos                 | < 0.2        | 3              | C0813 | Iprodione                 | < 0.5        | 3              | C0819 | Permethrin               | < 0.2        | 3              |
| C0820 | EPTC                        | < 0.2        | 1              | C0821 | Terbufos                  | < 0.2        | 2              | C0278 | Dinoseb                  | < 0.5        | 2              |
| C0822 | Terbacil                    | < 0.5        | 2              | C0032 | Cyanazine                 | < 0.2        | 2              | C0823 | Disulfoton sulfone       | < 0.2        | 3              |
| C0824 | Napropamide                 | < 0.2        | 3              | C0825 | Kelthane                  | < 0.5        | 3              | C0826 | Bloc                     | < 0.2        | 3              |
| C0827 | Dichlobenil                 | < 0.2        | 1              | C0828 | Methoprene                | < 0.2        | 2              | C0829 | Resmethrin               | < 0.2        | 3              |
| C0830 | Sumithrin                   | < 0.2        | 3              | C0831 | Piperonyl butoxide        | < 0.5        | 3              | C0832 | Ethyl parathion          | < 0.2        | 2              |
| C0833 | Methyl parathion            | < 0.2        | 2              | C0834 | Azoxystrobin              | < 0.2        | 3              | C0836 | Propiconazole            | < 0.2        | 3              |
| C0216 | Dieldrin                    | < 0.2        | 2              | C0232 | Endosulfan sulfate        | < 0.2        | 2              | C0837 | Allethrin                | < 0.2        | 2              |
| C0838 | Caffeine                    | < 0.5        | 2              | C0839 | Cypermethrin              | < 0.5        | 3              | C0840 | Deftamethrin             | < 0.5        | 3              |
| C0841 | Dichlorvos                  | < 0.5        | 1              | C0842 | Naled (Dibrom)            | < 0.2        | 1              | C0843 | Prometryne               | < 0.2        | 2              |
| C0212 | Methoxychlor                | < 0.2        | 3              | C0215 | Chlordane                 | < 1.         | 3              | C0717 | Butyltin chloride        | 0            | 1              |
| C0710 | Benzo(b)fluoranthene        | < 0.2        | 1              | C0720 | Chlorofenvinphos          | < 0.2        | 2              | C0847 | Chloroxyleneol           | < 0.2        | 1              |
| C0713 | Dibenzo(a,h)anthracene      | < 0.2        | 3              | C0850 | Triclosan                 | < 0.2        | 2              | C0851 | Butylated Hydroxyanisole | < 0.5        | 1              |
| C0844 | Dimethyl phthalate          | < 0.2        | 1              | C0708 | Benzo(a)anthracene        | < 0.5        | 3              | C0709 | Chrysene                 | < 0.2        | 3              |
| C0400 | Diocetyl phthalate          | < 0.2        | 3              | C0711 | Benzo(k)fluoranthene      | < 0.2        | 3              | C0715 | Indeno(1,2,3-cd)pyrene   | < 0.2        | 3              |
| C0702 | Aceraphthene                | < 0.2        | 1              | C0714 | Benzo(ghi)perylene        | < 0.2        | 3              | C0716 | Benzo(a)anthracene       | < 0.2        | 2              |
| C0705 | Anthracene                  | < 0.5        | 2              | C0845 | Diethyl phthalate         | < 1.         | 1              | C0846 | Benzyl butyl phthalate   | < 0.2        | 3              |
| C0471 | Hexachloroethane            | < 1.         | 1              | C0701 | Naphthalene               | < 0.2        | 1              | C0716 | Acenaphthylene           | < 0.2        | 1              |
| C0856 | Hexazinone                  | < 1.         | 3              | C0703 | Fluorene                  | < 0.2        | 1              | C0704 | Phenanthrene             | < 0.2        | 2              |
| C0859 | Ronstar                     | < 0.2        | 3              | C0706 | Fluoranthene              | < 0.2        | 2              | C0707 | Pyrene                   | < 0.5        | 3              |
|       |                             |              |                | C0437 | 1,2,4-Trichlorobenzene    | < 0.2        | 1              | C0607 | Hexachlorobutadiene      | < 0.2        | 1              |
|       |                             |              |                | C0854 | Carbazole                 | < 0.2        | 2              | C0855 | Bisphenol A              | < 2.         | 3              |
|       |                             |              |                | C0857 | 1-Methylnaphthalene       | < 0.2        | 1              | C0858 | 2-Methylnaphthalene      | < 0.2        | 1              |
|       |                             |              |                | 103   | Components                |              |                |       |                          |              |                |

Analyst(s): CF, AS Date(s) of analysis 7-21-05 Reviewed By: JC

All internal standards and surrogate recoveries within acceptable range (70-130%) unless specified

|                            |                             |
|----------------------------|-----------------------------|
| <u>Internal Standards:</u> | <u>Surrogate Standards:</u> |
| 1 Acenaphthene - d10       | 1,3-dimethyl-2-nitrobenzene |
| 2 Phenanthrene - d10       | Triphenylphosphate          |
| 3 Chrysene - d12           | Perylene - d12              |

Comments:

SUFFOLK COUNTY DEPARTMENT OF HEALTH SERVICES  
 DIVISION OF ENVIRONMENTAL QUALITY  
 PUBLIC AND ENVIRONMENTAL HEALTH LABORATORY - ELAP #10528



Field Number: 002-732-050714  
 Collection Date: 7/14/2005  
 Collection Time: 11:05:00 AM  
 Collected By: WANLASS

Lab Number: 07-05-00903  
 Submission Date: 7/14/2005  
 Sample ID: MG00903  
 Sample Type: TESTWELL

Source: [NYSDEC] pp-2 (50-60), S.C. Dept of Parks Well, Prosser Pines, Yaphank, Middle

VOLATILE ORGANIC ANALYSIS - EPA Method 524.2

| B#   | Analyte                  | Result    | DB#           | Analyte                   | Result    | DB#   | Analyte                     | Result    |
|------|--------------------------|-----------|---------------|---------------------------|-----------|-------|-----------------------------|-----------|
| 0615 | Chlorodifluoromethane    | < 0.5 ppb | C0307         | 1,1-Dichloroethene        | < 0.5 ppb | C0265 | Total Chlorotoluene         | < 0.5 ppb |
| 0436 | Dichlorodifluoromethane  | < 0.5 ppb | C0302         | Bromodichloromethane      | < 0.5 ppb | C0419 | 1,3,5-Trimethylbenzene      | < 0.5 ppb |
| 0612 | Chloroethane             | < 0.5 ppb | C0406         | 2,3-Dichloropropene       | < 0.5 ppb | C0418 | 1,2,4-Trimethylbenzene      | < 0.5 ppb |
| 0611 | Bromomethane             | < 0.5 ppb | C0407         | cis-1,3-Dichloropropene   | < 0.5 ppb | C0415 | m,p-Dichlorobenzene         | < 0.5 ppb |
| 0610 | Chloromethane            | < 0.5 ppb | C0408         | trans-1,3-Dichloropropene | < 0.5 ppb | C0412 | 1,2-Dichlorobenzene (o)     | < 0.5 ppb |
| 0439 | Trichlorofluoromethane   | < 0.5 ppb | C0322         | 1,1,2-Trichloroethane     | < 0.5 ppb | C0432 | p-Diethylbenzene            | < 0.5 ppb |
| 0306 | Vinyl chloride           | < 0.5 ppb | C0409         | 1,1,1,2-Tetrachloroethane | < 0.5 ppb | C0435 | 1,2,4,5-Tetramethylbenzene  | < 0.5 ppb |
| 0305 | Methylene chloride       | < 0.5 ppb | C0295         | 1,1,2,2-Tetrachloroethane | < 0.5 ppb | C0437 | 1,2,4-Trichlorobenzene      | < 0.5 ppb |
| 0323 | 1,1-Dichloroethane       | < 0.5 ppb | C0433         | 1,2,3-Trichloropropane    | < 0.5 ppb | C0438 | 1,2,3-Trichlorobenzene      | < 0.5 ppb |
| 0309 | trans-1,2-Dichloroethene | < 0.5 ppb | C0450         | 2,2-Dichloropropane       | < 0.5 ppb | C0600 | Ethenylbenzene (Styrene)    | < 0.5 ppb |
| 0300 | Chloroform               | < 0.5 ppb | C0451         | 1,3-Dichloropropane       | < 0.5 ppb | C0601 | Isopropylbenzene            | < 0.5 ppb |
| 0324 | 1,2-Dichloroethane       | < 0.5 ppb | C0290         | Bromochloromethane        | < 0.5 ppb | C0602 | n-Propylbenzene             | < 0.5 ppb |
| 0321 | 1,1,1-Trichloroethane    | < 0.5 ppb | C0650         | tert-Butyl-Ethyl-Ether    | < 0.5 ppb | C0603 | tert-Butylbenzene           | < 0.5 ppb |
| 0304 | Carbon tetrachloride     | < 0.5 ppb | C0651         | tert-Amyl-Methyl-Ether    | < 0.5 ppb | C0604 | sec-Butylbenzene            | < 0.5 ppb |
| 0294 | 1-Bromo-2-chloroethane   | < 0.5 ppb | C0250         | Benzene                   | < 0.5 ppb | C0605 | p-Isopropyltoluene          | < 0.5 ppb |
| 0405 | 1,2-Dichloropropane      | < 0.5 ppb | C0251         | Toluene                   | < 0.5 ppb | C0606 | n-Butylbenzene              | < 0.5 ppb |
| 0310 | Trichloroethene          | < 0.5 ppb | C0258         | Chlorobenzene             | < 0.5 ppb | C0607 | Hexachlorobutadiene         | < 0.5 ppb |
| 0303 | Chlorodibromomethane     | < 0.5 ppb | C0259         | Ethylbenzene              | < 0.5 ppb | C0614 | Methyl-tertiary-butyl-ether | < 0.5 ppb |
| 0420 | 2-Bromo-1-chloropropane  | < 0.5 ppb | C0254         | o-Xylene                  | < 0.5 ppb | C0701 | Naphthalene                 | < 0.5 ppb |
| 0301 | Bromoform                | < 0.5 ppb | C0252         | m-Xylene                  | < 0.5 ppb | C0059 | 1,4-Dichlorobutane          | < 0.5 ppb |
| 0311 | Tetrachloroethene        | < 0.5 ppb | C0253         | p-Xylene                  | < 0.5 ppb | C0620 | Methyl sulfide              | < 0.5 ppb |
| 0308 | cis-1,2-Dichloroethene   | < 0.5 ppb | C0255         | Total Xylene              | < 0.5 ppb | C0058 | Dimethyldisulfide           | < 0.5 ppb |
| 0320 | Freon 113                | < 0.5 ppb | C0266         | 2-Chlorotoluene           | < 0.5 ppb | C0257 | Bromobenzene                | < 0.5 ppb |
| 0292 | Dibromomethane           | < 0.5 ppb | C0267         | 3-Chlorotoluene           | < 0.5 ppb | C0619 | 2-Butanone (MEK)            | < 20. ppb |
| 0613 | 1,1-Dichloropropene      | < 0.5 ppb | C0268         | 4-Chlorotoluene           | < 0.5 ppb | C0621 | Tetrahydrofuran             | < 20. ppb |
| 0465 | Methyl isothiocyanate    | < 2. ppb  | C0453         | Diethyl ether             | < 0.5 ppb | C0466 | Allyl chloride              | < 0.5 ppb |
| 0455 | Carbon disulfide         | < 0.5 ppb | C0456         | Acrylonitrile             | < 0.5 ppb | C0467 | Methacrylonitrile           | < 0.5 ppb |
| 0458 | Methylmethacrylate       | < 0.5 ppb | C0469         | Ethylmethacrylate         | < 0.5 ppb | C0460 | d-Limonene                  | < 0.5 ppb |
| 0421 | n-Propane                | < 2. ppb  | 85 Components |                           |           |       |                             |           |

Comments:

Analyst(s): JL

Report Date: 7/19/2005

Yaphank 2008  
Southaven County Park  
Project # 6

| Well Information |                 | Location   | Sample Date | Parameters            |                         |             |      |              |          |         |      |       |          |           |      |         | Metals  |         |            |                   |  | Standard Inorganic |  |  | VOC's |  |
|------------------|-----------------|--|-------------|-----------------------|-------------------------|-------------|------|--------------|----------|---------|------|-------|----------|-----------|------|---------|---------|---------|------------|-------------------|--|--------------------|--|--|-------|--|
| Well ID          | Screen Interval |  |             | Depth To Water (feet) | Dissolved Oxygen (mg/L) | Temperature | pH   | Conductivity | Aluminum | Arsenic | Iron | Lead  | Chromium | Manganese | Zinc | Ammonia | Nitrite | Nitrate | Chloroform | Tetrachloroethene |  |                    |  |  |       |  |
| S-125518         | 90-95           | w/s picnic grounds e/s perimeter rd N40.81042 W072.89414 | 9/10/2007   | 19                    | 0.17                    | 13.5        | 7.36 | 85           | 96       | 12      | 2.05 | <1    | <1       | 45        | <50  | 0.06    | <0.02   | <2      | nd         | nd                |  |                    |  |  |       |  |
|                  | 70-75           |  |             |                       | 8.66                    | 13.5        | 7.31 | 83           | 68       | <2      | 0.18 | <1    | <1       | 9         | <50  | <0.02   | <0.02   | 0.7     | 1          | 1.7               |  |                    |  |  |       |  |
|                  | 50-55           |  |             |                       | 2.81                    | 13.5        | 6.92 | 152          | 22       | <2      | <0.1 | <1    | <1       | 189       | <50  | <0.02   | <0.02   | 2.6     | 0.5        | 0.8               |  |                    |  |  |       |  |
|                  | 40-45           |  |             |                       | 3.44                    | 13.3        | 6.84 | 139          | 23       | <2      | <0.1 | <1    | <1       | 174       | <50  | <0.02   | <0.02   | 2.3     | <0.5       | 0.5               |  |                    |  |  |       |  |
|                  | 30-35           |  |             |                       | 3.47                    | 13.2        | 6.76 | 138          | 22       | <2      | <0.1 | <1    | <1       | 146       | <50  | <0.02   | <0.02   | 2.1     | <0.5       | 0.7               |  |                    |  |  |       |  |
| 20-25            | 4.25            | 13.8   | 6.61        | 55                    | 135                     | <2          | 0.11 | <1           | <1       | 288     | <50  | <0.02 | <0.02    | 0.6       | <0.5 | <0.5    |         |         |            |                   |  |                    |  |  |       |  |
| 70-75            | 8.8             | 12.4   | 7.67        | 132                   | 382                     | <2          | 0.74 | <1           | <1       | 6       | 89   | <50   | na       | <0.1      | 1    | nd      | nd      |         |            |                   |  |                    |  |  |       |  |
| 60-65            | 7.8             | 12.3   | 7.36        | 167                   | 312                     | <2          | 0.9  | <1           | <1       | 5       | 410  | <50   | na       | <0.1      | 0.7  | nd      | nd      |         |            |                   |  |                    |  |  |       |  |
| 50-55            | 3.7             | 12.3   | 7.22        | 180                   | 213                     | <2          | 1.99 | <1           | <1       | 3       | 1010 | <50   | na       | <0.1      | 0.9  | nd      | nd      |         |            |                   |  |                    |  |  |       |  |
| 40-45            | 1.95            | 12.4   | 7.07        | 183                   | 305                     | <2          | 3.35 | <1           | <1       | 5       | 1070 | <50   | na       | <0.1      | 1.4  | nd      | nd      |         |            |                   |  |                    |  |  |       |  |
| 30-35            | 0.52            | 12.5   | 7           | 190                   | 384                     | <2          | 5.61 | <1           | <1       | 10      | 839  | <50   | na       | <0.1      | 2.1  | nd      | nd      |         |            |                   |  |                    |  |  |       |  |
| 20-25            | 1.87            | 12.2   | 7.35        | 160                   | 687                     | <2          | 4.99 | <1           | <1       | 14      | 706  | <50   | na       | <0.1      | 1.7  | nd      | nd      |         |            |                   |  |                    |  |  |       |  |
| 70-75            | 8.6             | 12.3   | 7.38        | 79                    | 305                     | <2          | 0.73 | <1           | <1       | 7       | 71   | <50   | na       | <0.1      | 1.0  | nd      | nd      |         |            |                   |  |                    |  |  |       |  |
| 60-65            | 7.55            | 12.2   | 7.28        | 158                   | 340                     | <2          | 1.08 | <1           | <1       | 5       | 428  | <50   | na       | <0.1      | 0.4  | nd      | nd      |         |            |                   |  |                    |  |  |       |  |
| 50-55            | 3.6             | 12.2   | 7.12        | 172                   | 106                     | <2          | 2.09 | <1           | <1       | 2       | 496  | <50   | na       | <0.1      | 1.1  | nd      | nd      |         |            |                   |  |                    |  |  |       |  |
| 40-45            | 3.15            | 12.2   | 7.02        | 171                   | 303                     | <2          | 2.43 | <1           | <1       | 5       | 926  | <50   | na       | <0.1      | 0.8  | nd      | nd      |         |            |                   |  |                    |  |  |       |  |
| 30-35            | 1.99            | 12.4   | 6.99        | 175                   | 339                     | <2          | 4.33 | <1           | <1       | 6       | 551  | <50   | na       | <0.1      | 0.8  | nd      | nd      |         |            |                   |  |                    |  |  |       |  |
| 20-25            | 2.35            | 12.4   | 6.98        | 160                   | 339                     | <2          | 3.73 | <1           | <1       | 6       | 709  | <50   | na       | <0.1      | 0.7  | nd      | nd      |         |            |                   |  |                    |  |  |       |  |
| 25-30            | 3.9             | 11.3   | 5.75        | 105                   | 248                     | <2          | 2.75 | <1           | <1       | 4       | 434  | <50   | NA       | <1        | 1.3  | <0.5    | <0.5    |         |            |                   |  |                    |  |  |       |  |
| 35-40            | 3.12            | 11.1   | 5.66        | 170                   | 88                      | <2          | 2.03 | <1           | <1       | 2       | 215  | <50   | NA       | <1        | 1.3  | 0.6     | 0.9     |         |            |                   |  |                    |  |  |       |  |
| 45-50            | 3.52            | 10.9   | 5.49        | 173                   | 47                      | <2          | 0.68 | <1           | <1       | <1      | 215  | <50   | NA       | <1        | 1.3  | 0.7     | 1.2     |         |            |                   |  |                    |  |  |       |  |
| 55-60            | 4.19            | 10.9   | 5.57        | 176                   | 38                      | <2          | 1.27 | <1           | <1       | <1      | 209  | <50   | NA       | <1        | 1.1  | 0.9     | 1.7     |         |            |                   |  |                    |  |  |       |  |
| 65-70            | 7.89            | 10.9   | 6.07        | 127                   | 365                     | <2          | 1.53 | <1           | <1       | 4       | 679  | <50   | NA       | <1        | 0.3  | 1.3     | 3.9     |         |            |                   |  |                    |  |  |       |  |
| 75-80            | 8.82            | 11   | 6.9         | 84.9                  | 1100                    | <2          | 1.79 | <1           | <1       | 8       | 321  | <50   | NA       | <1        | 1.1  | 1       | <0.5    |         |            |                   |  |                    |  |  |       |  |

\* Indicates Trace Amounts Present  
 NA- Not Analyzed  
 P- Pending Lab Results  
 All Concentrations are in ppb

Yaphank 2008  
Southaven County Park  
Project # 6

| Well Information |                 | Parameters     |             |                       |                         |             |      |              |          |         |      | Metals |          |           |      |         | Standard Inorganic |         |            | VOC's             |  |
|------------------|-----------------|----------------|-------------|-----------------------|-------------------------|-------------|------|--------------|----------|---------|------|--------|----------|-----------|------|---------|--------------------|---------|------------|-------------------|--|
| Well ID          | Screen Interval | Location       | Sample Date | Depth To Water (feet) | Dissolved Oxygen (mg/L) | Temperature | pH   | Conductivity | Aluminum | Arsenic | Iron | Lead   | Chromium | Manganese | Zinc | Ammonia | Nitrite            | Nitrate | Chloroform | Tetrachloroethene |  |
| YAP-4            | 25-30           | Southaven Park | 1/22/2008   | 17.9                  | 4.21                    | 11.1        | 5.66 | 131          | 83       | <2      | 2.02 | <1     | 2        | 158       | <50  | NA      | <1                 | 2.1     | <0.5       | <0.5              |  |
|                  | 35-40           |                |             |                       | 3.84                    | 10.9        | 5.62 | 153          | 90       | <2      | 2.04 | <1     | 2        | 283       | <50  | NA      | <1                 | 1.4     | 0.7        | 0.6               |  |
|                  | 45-50           |                |             |                       | 4.32                    | 10.7        | 5.51 | 147          | 133      | <2      | 0.87 | <1     | 2        | 242       | <50  | NA      | <1                 | 1.5     | 0.7        | 0.6               |  |
|                  | 55-60           |                |             |                       | 4.77                    | 10.8        | 5.67 | 187          | 45       | <2      | 1.14 | <1     | 1        | 342       | <50  | NA      | <1                 | 1       | 1          | 2.5               |  |
|                  | 65-70           |                |             |                       | 7.98                    | 10.8        | 6.1  | 131          | 62       | <2      | 0.21 | <1     | 1        | 175       | <50  | NA      | <1                 | 0.3     | 1.4        | 8.6               |  |
| 75-80            | 8.53            | 10.9           | 7.16        | 80.5                  | 18                      | <2          | <1   | <1           | 1        | 42      | <50  | NA     | <1       | 0.8       | 1    | <0.5    |                    |         |            |                   |  |

\* Indicates Trace Amounts Present  
 NA- Not Analyzed  
 P- Pending Lab Results  
 All Concentrations are in ppb

Horseblock Rd Investigation  
Project Number 9

| Well Information |                 |             | Parameters            |                         |                       |      |                   | Metals         |               |              |              |                |              |                 |                  |              |            | Rads (pCi/L)    |                 | Standard Inorganics |              |               |                 |             |             | VOCs           |               |               |               |                               |            |                   |                  |                   |
|------------------|-----------------|-------------|-----------------------|-------------------------|-----------------------|------|-------------------|----------------|---------------|--------------|--------------|----------------|--------------|-----------------|------------------|--------------|------------|-----------------|-----------------|---------------------|--------------|---------------|-----------------|-------------|-------------|----------------|---------------|---------------|---------------|-------------------------------|------------|-------------------|------------------|-------------------|
| Well ID          | Screen Interval | Sample Date | Depth To Water (Feet) | Dissolved Oxygen (mg/L) | Temperature (Celsius) | pH   | Conductivity (uS) | Aluminum (ppb) | Arsenic (ppb) | Barium (ppb) | Cobalt (ppb) | Chromium (ppb) | Copper (ppb) | Manganese (ppb) | Molybdenum (ppb) | Nickel (ppb) | Lead (ppb) | Strontium (ppb) | Magnesium (ppm) | Iron (ppm)          | Sodium (ppm) | Calcium (ppm) | Potassium (ppm) | Gross Alpha | Gross Beta  | Chloride (ppm) | Sulfate (ppm) | Nitrate (ppm) | Ammonia (ppm) | Total Alkalinity (mg CaCO3/L) | MBAS (ppb) | Perchlorate (ppb) | Chloroform (ppb) | Dimethyldisulfide |
| HB-1             | 10-15           | 9/1/2009    | 11.27                 | 2.44                    | 16.9                  | 7    | 879               | <5             | 1             | 74           | <1           | 2              | 2            | 121             | <1               | 1.4          | <1         | 51              | 3.7             | <0.1                | 143          | 14.9          | 10.4            | <1          | 5.8+/-0.9   | 195            | <15           | <1.5          | <0.02         | NA                            | NA         | 0.5               | <0.5             | <0.5              |
|                  | 20-25           | 9/1/2009    | 11.27                 | 0.12                    | 14.1                  | 6.59 | 752               | 11             | <1            | 99           | <1           | 3              | 13           | 7,710           | 2                | 2.9          | <1         | 253             | 8.6             | <0.1                | 18           | 65.3          | 77.3            | 1.6+/-0.5   | 104+/-5.6   | 89             | 22            | <1.5          | <0.02         | NA                            | NA         | <0.4              | 0.7              | <0.5              |
|                  | 30-35           | 9/1/2009    | 11.27                 | 1.86                    | 13                    | 6.54 | 264               | <5             | <1            | 63           | <1           | <1             | <1           | 283             | <1               | 1            | <1         | 142             | 3.6             | <0.1                | 9.6          | 28.5          | 9.5             | <1          | 10.5+/-1.1  | 38             | 6             | 2.5           | <0.02         | NA                            | NA         | 3.9               | 1.5              | <0.5              |
|                  | 40-45           | 9/1/2009    | 11.27                 | 0.12                    | 13                    | 6.37 | 378               | 6              | <1            | 167          | <1           | 2              | <1           | 23              | <1               | 1.3          | <1         | 247             | 7               | <0.1                | 15.6         | 39.8          | 10.3            | 1.0+/-0.6   | 14.6+/-1.3  | 66             | 23            | 2.9           | 0.26          | NA                            | NA         | 3.8               | 1.1              | <0.5              |
|                  | 50-55           | 9/1/2009    | 11.27                 | 0.17                    | 12.9                  | 6.13 | 522               | 16             | <1            | 356          | <1           | 3              | <1           | 67              | <1               | 1.8          | <1         | 374             | 10.7            | <0.1                | 21.6         | 52.3          | 14.1            | <1          | 19.8+/-1.5  | 107            | 23            | <1            | 0.9           | NA                            | NA         | 4.6               | 0.8              | <0.5              |
|                  | 60-65           | 9/1/2009    | 11.27                 | 2.12                    | 12.8                  | 6.93 | 312               | 12             | <1            | 34           | <1           | 2              | <1           | 23              | <1               | 0.9          | <1         | 109             | 13.6            | <0.1                | 12.2         | 17.2          | 1.5             | <1          | 1.3+/-0.6   | 80             | <5            | <0.5          | <0.02         | NA                            | NA         | 19.2              | 1.3              | <0.5              |
| 70-75            | 9/1/2009        | 11.27       | 9.02                  | 12.6                    | 6.73                  | 53   | <5                | <1             | 9             | <1           | 1            | <1             | <1           | 132             | <1               | 1.1          | <1         | 18              | 1.8             | <0.1                | 3.8          | 3.2           | 0.6             | <1          | <1          | 5              | 6             | 0.6           | <0.02         | NA                            | NA         | 105               | 0.9              | <0.5              |
| HB-2             | 10-15           | 1/7/2010    | 10.64                 | 1.98                    | 13.2                  | 7.35 | 1514              | 143            | <1            | 227          | 2            | <1             | 2            | 1,040           | <1               | 4.4          | <1         | 152             | 6.8             | 0.15                | 208          | 33.4          | 26.1            | 4.0+/-1.8   | 15.3+/-1.4  | 331            | 17            | <0.5          | 0.21          | NA                            | <0.1       | <0.4              | <0.5             | <0.5              |
|                  | 20-25           | 1/7/2010    | 10.64                 | 0.26                    | 14.6                  | 7.47 | 874               | 15             | <1            | 171          | 1            | <1             | 16           | 8,390           | <1               | 2.7          | <5         | 280             | 16.7            | <0.1                | 18.3         | 49.2          | 103             | 7.4+/-1.8   | 115+/-1.4   | 87             | 19            | <0.5          | 1.38          | NA                            | 0.2        | <0.4              | <0.5             | <0.5              |
|                  | 30-35           | 1/6/2010    | 10.64                 | 0.13                    | 14                    | 7.06 | 1345              | 189            | 1             | 531          | 2            | 1              | 25           | 22,300          | <1               | 5.5          | <5         | 281             | 27.6            | 0.16                | 26.4         | 71.6          | 153             | 21.1+/-3.5  | 185.7+/-7.5 | 118            | 23            | <2            | 6.95          | NA                            | 0.1        | <0.4              | <0.5             | <0.5              |
|                  | 40-45           | 1/6/2010    | 10.64                 | 0.16                    | 13.2                  | 6.98 | 1461              | 50             | <1            | 975          | 1            | <1             | 15           | 14,800          | <1               | 2.9          | <1         | 452             | 26.1            | <0.1                | 32.3         | 70.3          | 179             | 15.2+/-3.0  | 188.9+/-7.6 | 152            | 26            | <2            | 10.5          | NA                            | 0.1        | 2                 | <0.5             | <0.5              |
|                  | 50-55           | 1/6/2010    | 10.64                 | 0.57                    | 12.6                  | 7    | 1248              | 59             | <1            | 308          | <1           | 1              | 6            | 37              | <1               | 1.7          | <5         | 280             | 21.5            | <0.1                | 31.8         | 48.6          | 155             | 13.8+/-5.8  | 142.4+/-5.8 | 171            | 42            | <2            | 10.4          | NA                            | 0.1        | 3.6               | 0.7              | <0.5              |
|                  | 60-65           | 1/6/2010    | 10.64                 | 5.55                    | 12.3                  | 7.31 | 73                | 16             | <1            | 14           | <1           | <1             | <1           | 26              | <1               | 0.5          | <1         | 23              | 2.6             | <0.1                | 4.6          | 3.2           | 0.5             | <1          | <1          | 11             | <5            | <0.5          | <0.02         | NA                            | <0.1       | 19.3              | 1.5              | <0.5              |
|                  | 70-75           | 12/28/2009  | 10.64                 | 8.3                     | 12.3                  | 6.34 | 160               | 20             | <1            | 24           | <1           | 1              | <1           | 70              | <1               | 1.1          | <1         | 66              | 6.1             | <0.1                | 7            | 10.1          | 0.9             | <1          | 1.1+/-0.6   | 33             | 5             | <0.5          | <0.02         | NA                            | NA         | 37.3              | 1.1              | <0.5              |
|                  | 80-85           | 12/28/2009  | 10.64                 | 9.34                    | 12.1                  | 6.87 | 55                | 30             | <1            | 8            | <1           | 1              | <1           | 36              | <1               | 0.9          | <1         | 20              | 1.7             | <0.1                | 3.5          | 3.3           | 0.5             | <1          | <1          | 5              | 6             | 0.5           | <0.02         | NA                            | NA         | 57.1              | 1.2              | <0.5              |
|                  | 100-105         | 12/28/2009  | 10.64                 | 10.06                   | 11.8                  | 7.33 | 53                | 84             | <1            | 6            | <1           | 1              | <1           | 3               | <1               | <0.5         | <1         | 18              | 1.5             | <0.1                | 3.8          | 3.3           | 0.4             | <1          | <1          | 6              | 6             | <0.5          | <0.02         | NA                            | NA         | 13.5              | 1.4              | <0.5              |
|                  | 110-115         | 12/28/2009  | 10.64                 | 10.2                    | 11.7                  | 7.97 | 50                | 17             | <1            | 4            | <1           | 1              | <1           | 4               | <1               | <0.5         | <1         | 15              | 1.4             | <0.1                | 3.9          | 3             | 0.4             | <1          | <1          | 5              | 6             | <0.5          | <0.02         | NA                            | NA         | 1.7               | 1.2              | <0.5              |
| HB-3             | 10-15           | 1/12/2010   | 10.81                 | 3.92                    | 14.4                  | 6.67 | 1673              | 51             | 3             | 104          | <1           | 2              | 1            | 78              | <1               | 1.6          | <1         | 91              | 3.1             | 0.1                 | 299          | 20.7          | 4.8             | 4.0+/-1.8   | 15.3+/-1.4  | 445            | 26            | <2            | <0.02         | NA                            | <0.1       | <0.4              | <0.5             | <0.5              |
|                  | 20-25           | 1/12/2010   | 10.81                 | 0.18                    | 16.5                  | 7.04 | 400               | 9              | <1            | 66           | 1            | 2              | 1            | 5,500           | 2                | 2.3          | <1         | 157             | 3.6             | <0.1                | 15.3         | 53            | 5.1             | <1          | 6.1+/-0.9   | 20             | 23            | 0.9           | 0.2           | NA                            | <0.1       | <0.2              | <0.5             | <0.5              |
|                  | 30-35           | 1/11/2010   | 10.81                 | 0.17                    | 15.7                  | 6.5  | 300               | 6              | <1            | 37           | <1           | 2              | <1           | 2,520           | <1               | 1.3          | <1         | 167             | 3.1             | <0.1                | 7.7          | 42.5          | 4.4             | <1          | 4.5+/-0.8   | 10             | 15            | <0.5          | <0.02         | NA                            | 0.2        | 0.9               | 0.9              | <0.5              |
|                  | 40-45           | 1/11/2010   | 10.81                 | 1.58                    | 14.8                  | 6.28 | 216               | <5             | <1            | 40           | <1           | 2              | <1           | 17              | <1               | 0.9          | <1         | 136             | 2.9             | <0.1                | 9.5          | 24.4          | 4.6             | <1          | 5.1+/-0.9   | 15             | 17            | 0.9           | <0.02         | NA                            | <0.1       | 4.7               | 0.9              | <0.5              |
|                  | 50-55           | 1/7/2010    | 10.81                 | 7.16                    | 14.7                  | 5.91 | 74                | 9              | <1            | 12           | <1           | 1              | <1           | 7               | <1               | 0.8          | <1         | 28              | 1.3             | <0.1                | 3.7          | 7.2           | 1.3             | <1          | 1.7+/-0.6   | 6              | <5            | 0.8           | <0.02         | NA                            | <0.1       | 28.9              | 0.6              | <0.5              |
|                  | 60-65           | 1/7/2010    | 10.81                 | 8.66                    | 14.3                  | 5.73 | 53                | 18             | <1            | 9            | <1           | 1              | <1           | 9               | <1               | 0.6          | <1         | 14              | 2               | <0.1                | 3.4          | 2.3           | 0.5             | <1          | <1          | 5              | <5            | 0.9           | <0.02         | NA                            | <0.1       | 19                | 1.1              | <0.5              |
|                  | 70-75           | 1/7/2010    | 10.81                 | 9.15                    | 14.1                  | 6.11 | 52                | 14             | <1            | 6            | <1           | 1              | <1           | 21              | <1               | 0.7          | <1         | 14              | 1.9             | <0.1                | 3.4          | 2.3           | 0.4             | <1          | <1          | 6              | <5            | 0.6           | <0.02         | NA                            | <0.1       | 36.7              | 1.3              | <0.5              |
|                  |                 | 1/6/2010    | 10.81                 | 9.13                    | 13.7                  | 7.04 | 57                | 102            | <1            | 9            | <1           | 3              | <1           | 14              | <1               | 1.1          | <1         | 18              | 1.8             | 0.12                | 3.8          | 3.1           | 0.4             | <1          | <1          | 5              | 5             | 0.6           | <0.02         | NA                            | <0.1       | 94.2              | 1.3              | <0.5              |
|                  | 100-105         | 1/6/2010    | 10.81                 | 9.7                     | 13.6                  | 7.63 | 60                | 86             | <1            | 9            | <1           | 3              | <1           | 12              | <1               | 1.5          | <1         | 18              | 1.7             | <0.1                | 4            | 3.7           | 0.4             | <1          | <1          | 6              | 5             | 0.6           | <0.02         | NA                            | <0.1       | 3                 | 1.5              | <0.5              |
|                  | 110-115         | 1/6/2010    | 10.81                 | 9.49                    | 13.3                  | 8.36 | 49                | 68             | <1            | 7            | <1           | 4              | <1           | 9               | <1               | 1.8          | <1         | 12              | 1.3             | <0.1                | 3.7          | 2.9           | 0.3             | <1          | <1          | 5              | 6             | <0.5          | <0.02         | NA                            | <0.1       | <0.2              | 1.2              | <0.5              |
| HB-4             | 10-15           | 1/13/2010   | 10.9                  | 5.41                    | 14.5                  | 6.01 | 1115              | 18             | 2             | 41           | <1           | 1              | <1           | 24              | <1               | 1            | <1         | 73              | 3.4             | <0.1                | 229          | 17.5          | 6.7             | <1          | 1.5+/-0.7   | 359            | 29            | <1.5          | 0.03          | NA                            | <0.1       | 1.7               | <0.5             | <0.5              |
|                  | 20-25           | 1/13/2010   | 10.9                  | 0.79                    | 16.1                  | 6.34 | 170               | <5             | <1            | 13           | <1           | 1              | <1           | 6               | <1               | 0.6          | <1         | 72              | 2.3             | <0.1                | 5.6          | 22.7          | 4.5             | <1          | 4.3+/-0.8   | 7              | 11            | 0.9           | <0.02         | NA                            | <0.1       | 2.8               | <0.5             | <0.5              |
|                  | 30-35           | 1/13/2010   | 10.9                  | 3.31                    | 15.1                  | 6.46 | 135               | <5             | <1            | 18           | <1           | <1             | <1           | 2               | <1               | 0.7          | <1         | 55              | 2               | <0.1                | 5.1          | 17.2          | 2.9             | <1          | 3.1+/-0.7   | 6              | 9             | <0.5          | <0.02         | NA                            | <0.1       | 0.7               | 1.9              | <0.5              |
|                  | 40-45           | 1/13/2010   | 10.9                  | 4.74                    | 14.2                  | 6.49 | 68                | <5             | <1            | 10           | <1           | <1             | <1           | 2               | <1               | <0.5         | <1         | 30              | 0.8             | <0.1                | 3.7          | 7.4           | 1.7             | <1          | 2.0+/-0.7   | 6              | <5            | <0.5          | <0.02         | NA                            | <0.1       | 24.1              | <0.5             | <0.5              |
|                  | 50-55           | 1/12/2010   | 10.9                  | 3.78                    | 13.6                  | 5.47 | 139               | 6              | <1            | 36           | <1           | <1             | <1           | 12              | <1               | <0.5         | <1         | 50              | 3.7             | <0.1                | 12.1         | 5.5           | 1.5             | <1          | 1.6+/-0.6   | 20             | 20            | <0.5          | <0.02         | NA                            | <0.1       | 4.9               | 1.4              | <0.5              |
|                  | 60-65           | 1/12/2010   | 10.9                  | 5.71                    | 11.8                  | 5.68 | 63                | 11             | <1            | 6            | <1           | <1             | <1           | 4               | <1               | <0.5         | <1         | 16              | 4               | <0.1                | 6            | 2.2           | 0.6             | <1          | <1          | 6              | 12            | <0.5          | <0.02         | NA                            | <0.1       | 31.6              | 1.3              | <0.5              |
|                  | 70-75           | 1/12/2010   | 10.9                  | 8.56                    | 11.7                  | 5.7  | 61                | <5             | <1            | 8            | <1           | 1              | <1           | 10              | <1               | 0.5          | <1         | 20              | 2               | <0.1                | 4.2          | 4.1           | 0.5             | <1          | <1          | 8              | <5            | 0.8           | <0.02         | NA                            | <0.1       | 24.1              | 1.6              | <0.5              |
|                  | 80-85           | 1/11/2010   | 10.9                  | 8.48                    | 11.7                  | 5.67 | 74                | 10             | <1            | 11           | <1           | 1              | <1           | 7               | <1               | 0.5          | <1         | 25              | 2.4             | <0.1                | 5.1          | 4.6           | 0.6             | <1          | <1          | 8              | <5            | 1.7           | <0.02         | NA                            | <0.1       | 29.1              | 1                | <0.5              |
|                  | 100-105         | 1/11/2010   | 10.9                  | 9.26                    | 11.5                  | 6.07 | 82                | 11             | <1            | 12           | <1           | 2              | <1           | 8               | <1               | 0.5          | <1         | 27              | 2.7             | <0.1                | 5            | 6.7           | 0.7             | <1          | <1          | 8              | <5            |               |               |                               |            |                   |                  |                   |

Horseblock Rd Investigation  
Project Number 9

| Well Information              |                 |             | Parameters            |                         |                       |      |                   | Metals         |               |              |              |                |              |                 |                  |              |            |                 |                 |            |              | Rads (pCi/L)  |                 | Standard Inorganics |               |                |               |               |               |                               | VOCs       |                   |                  |                   |
|-------------------------------|-----------------|-------------|-----------------------|-------------------------|-----------------------|------|-------------------|----------------|---------------|--------------|--------------|----------------|--------------|-----------------|------------------|--------------|------------|-----------------|-----------------|------------|--------------|---------------|-----------------|---------------------|---------------|----------------|---------------|---------------|---------------|-------------------------------|------------|-------------------|------------------|-------------------|
| Well ID                       | Screen Interval | Sample Date | Depth To Water (Feet) | Dissolved Oxygen (mg/L) | Temperature (Celsius) | pH   | Conductivity (uS) | Aluminum (ppb) | Arsenic (ppb) | Barium (ppb) | Cobalt (ppb) | Chromium (ppb) | Copper (ppb) | Manganese (ppb) | Molybdenum (ppb) | Nickel (ppb) | Lead (ppb) | Strontium (ppb) | Magnesium (ppm) | Iron (ppm) | Sodium (ppm) | Calcium (ppm) | Potassium (ppm) | Gross Alpha         | Gross Beta    | Chloride (ppm) | Sulfate (ppm) | Nitrate (ppm) | Ammonia (ppm) | Total Alkalinity (mg CaCO3/L) | MBAS (ppb) | Perchlorate (ppb) | Chloroform (ppb) | Dimethyldisulfide |
| HB - 9                        | 10-15           | 9/21/2010   | 14                    | 6.2                     | 16.6                  | 5.3  | 178               | 132            | <1            | 15           | 1            | <1             | <1           | 435             | <1               | 1.5          | <1         | 18              | 1.7             | 0.27       | 19.2         | 3.6           | 2.4             | <1                  | 1.3 +/- 0.6   |                |               |               |               |                               |            |                   | 0.8              | <0.5              |
|                               | 20-25           | 9/21/2010   | 14                    | 0.6                     | 14                    | 5.45 | 217               | 5              | <1            | 79           | 1            | <1             | <1           | 3,150           | <1               | 2            | <1         | 63              | 3.5             | <0.1       | 6.1          | 13.2          | 21.2            | 1.4 +/- 1.0         | 19.0 +/- 1.7  |                |               |               |               |                               |            |                   | <0.5             | <0.5              |
|                               | 30-35           | 9/21/2010   | 14                    | 0.28                    | 13                    | 5.38 | 341               |                |               |              |              |                |              |                 |                  |              |            |                 |                 |            |              |               |                 | 2.9 +/- 1.2         | 33.5 +/- 2.8  |                |               |               |               |                               |            |                   | <0.5             | <0.5              |
|                               | 40-45           | 9/21/2010   | 14                    | 0.3                     | 12.8                  | 5.5  | 346               | 6              | <1            | 188          | 1            | 2              | 2            | 12,800          | <1               | 1.2          | <1         | 82              | 6.7             | <0.1       | 9            | 15.8          | 32              | 1.8 +/- 0.9         | 29.7 +/- 2.3  |                |               |               |               |                               |            |                   | <0.5             | <0.5              |
|                               | 50-55           | 9/20/2010   | 13.9                  | 0.31                    | 13.3                  | 4.76 | 304               | 23             | <1            | 29           | <1           | 2              | <1           | 49              | <1               | 1.5          | <1         | 108             | 13.6            | <0.1       | 13           | 21.7          | 1.6             | <1                  | 1.6 +/- 0.6   |                |               |               |               |                               |            |                   | <0.5             | <0.5              |
|                               | 60-65           | 9/20/2010   | 13.9                  | 5.85                    | 13.2                  | 5.5  | 148               | 167            | <1            | 16           | <1           | 2              | <1           | 14              | <1               | 1.4          | <1         | 50              | 5.5             | 0.19       | 7.7          | 11.6          | 0.8             | <1                  | <1            |                |               |               |               |                               |            |                   | 0.8              | <0.5              |
|                               | 70-75           | 9/20/2010   | 13.9                  | 8.85                    | 13                    | 6.11 | 70                | 218            | <1            | 15           | <1           | 2              | <1           | 12              | <1               | 0.6          | <1         | 18              | 2.4             | 1.05       | 4.6          | 4.5           | 0.7             | <1                  | <1            |                |               |               |               |                               |            |                   | 1.2              | <0.5              |
|                               | 80-85           | 9/13/2010   | 13.7                  | 9.03                    | 12.9                  | 6.22 | 69                | 1520           | <1            | 26           | 1            | 4              | 3            | 52              | <1               | 2            | 2          | 21              | 2.7             | 1.8        | 4            | 4.7           | 1               | 2.5 +/- 0.8         | 1.8 +/- 0.6   |                |               |               |               |                               |            |                   | 1.1              | <0.5              |
|                               | 90-95           | 9/13/2010   | 13.7                  | 6.38                    | 12.8                  | 6.11 | 89                | 256            | <1            | 16           | <1           | 2              | 1            | 12              | <1               | 0.6          | <1         | 31              | 3.2             | 1.04       | 4.5          | 7.2           | 0.8             | 2.5 +/- 0.9         | 1.6 +/- 0.6   |                |               |               |               |                               |            |                   | 0.7              | <0.5              |
| 100-105                       | 9/13/2010       | 13.7        | 4.12                  | 12.8                    | 5.8                   | 67   | 228               | <1             | 11            | <1           | 1            | <1             | 13           | <1              | 0.6              | <1           | 18         | 1.8             | 0.4             | 4.9        | 4            | 1.2           | <1              | 1.0 +/- 0.6         |               |                |               |               |               |                               |            | <0.5              | <0.5             |                   |
| HB - 10                       | 20-25           | 10/6/2010   | 14.9                  | 0.27                    | 15.2                  | 6.8  | 236               |                |               |              |              |                |              |                 |                  |              |            |                 |                 |            |              |               |                 | <1                  | 14.5 +/- 1.4  |                |               |               |               |                               |            | <0.5              | <0.5             |                   |
|                               | 30-35           | 10/6/2010   | 14.9                  | 0.22                    | 13.7                  | 5.82 | 592               |                |               |              |              |                |              |                 |                  |              |            |                 |                 |            |              |               |                 | 3.3 +/- 1.6         | 28.6 +/- 2.3  |                |               |               |               |                               |            |                   | <0.5             | <0.5              |
|                               | 40-45           | 10/6/2010   | 14.9                  | 0.22                    | 13.7                  | 6.06 | 541               |                |               |              |              |                |              |                 |                  |              |            |                 |                 |            |              |               |                 | 2.6 +/- 1.3         | 20.3 +/- 1.8  |                |               |               |               |                               |            |                   | <0.5             | <0.5              |
|                               | 50-55           | 10/4/2010   | 14.8                  | 0.26                    | 13.8                  | 6.11 | 559               |                |               |              |              |                |              |                 |                  |              |            |                 |                 |            |              |               |                 |                     |               |                |               |               |               |                               |            |                   | <0.5             | <0.5              |
|                               | 60-65           | 9/27/2010   | 14.7                  | 0.19                    | 14.3                  | 7.29 | 435               |                |               |              |              |                |              |                 |                  |              |            |                 |                 |            |              |               |                 | <1                  | 4.6 +/- 0.8   |                |               |               |               |                               |            |                   | <0.5             | <0.5              |
|                               | 70-75           | 9/27/2010   | 14.7                  | 0.19                    | 14.2                  | 6.96 | 353               |                |               |              |              |                |              |                 |                  |              |            |                 |                 |            |              |               |                 | <1                  | 1.5 +/- 0.6   |                |               |               |               |                               |            |                   | <0.5             | <0.5              |
|                               | 80-85           | 9/22/2010   | 14.7                  | 0.12                    | 14.3                  | 6.81 | 392               | 65             | <1            | 35           | 12           | 1              | 11           | 63              | <1               | 18.4         | <1         | 79              | 8.7             | <0.1       | 46.2         | 17            | 2.5             | 2.0 +/- 1.1         | 2.2 +/- 0.6   |                |               |               |               |                               |            |                   | <0.5             | <0.5              |
|                               | 90-95           | 9/22/2010   | 14.7                  | 0.12                    | 14.2                  | 6.51 | 409               | 23             | <1            | 22           | 15           | 1              | 7            | 334             | <1               | 18.5         | <1         | 85              | 10.4            | <0.1       | 44.2         | 19.9          | 2.1             | <1                  | 1.6 +/- 0.6   |                |               |               |               |                               |            |                   | <0.5             | <0.5              |
| 100-105                       | 9/22/2010       | 14.7        | 0.17                  | 13.9                    | 6.07                  | 289  | 31                | <1             | 17            | 8            | 1            | 2              | 329          | <1              | 7.9              | <1           | 73         | 6.8             | <0.1            | 26.7       | 16           | 2             | <1              | 1.3 +/- 0.6         |               |                |               |               |               |                               |            | <0.5              | <0.5             |                   |
| Private Well                  | 51-54           | 12/28/2009  | 10                    | NA                      | NA                    | 7.1  | 1037              | 12             | <1            | 289          | <1           | <1             | 165          | 3,350           | <1               | 7.5          | 87         | 156             | 15.8            | <0.1       | 23.9         | 29.8          | 159             | 13.6 +/- 2.1        | 177.1 +/- 6.7 | 104            | 22            | <1.5          | 11.8          | 320                           | 0.1        | 3.1               | 0.7              | <0.5              |
| Private Well                  | 51-54           | 4/19/2010   | 10                    | NA                      | NA                    | 7.1  | 782               | 6              | <1            | 248          | <1           | <1             | 41           | 5,540           | <1               | 1.6          | <5         | 185             | 16.6            | <0.1       | 18.8         | 32.9          | 84.4            | 6.5 +/- 2.4         | 116.3 +/- 5.4 | 83             | 17            | <1.5          | 3.37          | 225                           | <0.1       | 3.2               | 0.5              | <0.5              |
| Great Gardens Potable Well    | 61-66           | 1/14/2010   | 17                    | NA                      | NA                    | 6.3  | 50                | <5             | <1            | 7            | <1           | <1             | 325          | 5               | <0.5             | 1            | 11         | 1.8             | <0.1            | 3.3        | 1.9          | 0.5           | <1              | <1                  | 5             | 7              | <0.5          | <0.02         | 7             | <0.1                          | 4.4        | 1.1               | <0.5             |                   |
| Great Gardens Irrigation Well | Unknown         | 5/27/2010   | Unknown               | NA                      | NA                    | 6.4  | 49                | <5             | <1            | 7            | <1           | <1             | 14           | 3               | <0.5             | 1            | 15         | 1.6             | <0.1            | 3.8        | 2.1          | 0.6           | <1              | <1                  | 6             | 6              | <0.5          | <0.02         | NA            | 0.1                           | 4.4        | 1.5               | <0.5             |                   |

Note - \* sample was re-counted on 5/17/10 (3 days after initial analysis) and GA activity reported as 72.6 +/- 7.3 pCi/l. Additional re-count on 5/21/10 GA activity reported as 94.2 +/- 8.2 pCi/l.

LIRR Yaphank  
Project # 5

| Well # | Screen Interval | Sample Date | Chloroform (ppb) | n-propane (ppb) | MTBE (ppb) | All Other VOCs (EPA Method 524.2/624) | Gross Alpha (pCi/l) | Gross Beta (pCi/l) | Tritium (pCi/l) | Silver (ug/l) | Aluminum (ug/l) | Arsenic (ug/l) | Barium (ug/l) | Beryllium (ug/l) | Cadmium (ug/l) | Cobalt (ug/l) | Chromium (ug/l) | Copper (ug/l) | Mercury (ug/l) | Manganese (ug/l) | Molybdenum (ug/l) | Nickel (ug/l) | Lead (ug/l) | Antimony (ug/l) | Selenium (ug/l) | Thorium (ug/l) | Titanium (ug/l) | Thallium (ug/l) | Vanadium (ug/l) | Zinc (ug/l) | Iron (mg/l) | Sodium (mg/l) | Potassium | Calcium | Magnesium | Chlorinated Pesticides (EPA Method 505) | Chloride (mg/l) | Sulfate (mg/l) | Ammonia (mg/l) | Nitrite (mg/l) | Nitrate (mg/l) | Bromide (mg/l) | Ortho-Phosphate (mg/l) | Fluoride (mg/l) | Perchlorate (ppb) | bis(2-ethylhexyl) phthalate (ppb) | All Other Semi-Volatile Organics (EPA Method 525.2) |    |
|--------|-----------------|-------------|------------------|-----------------|------------|---------------------------------------|---------------------|--------------------|-----------------|---------------|-----------------|----------------|---------------|------------------|----------------|---------------|-----------------|---------------|----------------|------------------|-------------------|---------------|-------------|-----------------|-----------------|----------------|-----------------|-----------------|-----------------|-------------|-------------|---------------|-----------|---------|-----------|---|-----------------|----------------|----------------|----------------|----------------|----------------|------------------------|-----------------|-------------------|-----------------------------------|---|----|
| RR1    | 5-10            | 10/15/2001  | <0.5             | <0.5            | <0.5       | <0.5                                  | 3.0 +/-1.2          | 5.7 +/-1.5         | <200            | <5            | 1870            | <2             | 20.5          | <1               | 5.2            | 2.2           | 34              | 73.7          | <0.04          | 246              | 6.1               | 36.3          | 5.9         | <1              | <2              | <1             | <1              | 39.1            | <1              | 5.4         | 425         | 5.31          | 11.5      | -       | -         | -                                       | ND              | 13             | 57             | <0.02          | <0.02          | 1.4            | <0.2                   | <0.1            | <0.2              | <2                                | 3.12  | ND |
| RR1    | 15-20           | 10/15/2001  | <0.5             | <0.5            | <0.5       | <0.5                                  | <1.0                | 3.0 +/-1.0         | <200            | <5            | 403             | <2             | 26.9          | <1               | <1             | 2.5           | 3               | 1.8           | <0.04          | 739              | <1                | 2.8           | <1          | <1              | <2              | <1             | <1              | 12.1            | <1              | 1.3         | <50         | 0.648         | 14.3      | -       | -         | -                                       | ND              | 22             | 11             | <0.02          | <0.02          | 0.4            | <0.2                   | <0.1            | <0.2              | <2                                | <2  | ND |
| RR1    | 25-30           | 10/15/2001  | <0.5             | <0.5            | <0.5       | <0.5                                  | <1.0                | 2.7 +/-1.1         | <200            | <5            | 311             | <2             | 34.9          | <1               | <1             | 1.3           | 4.6             | 2.4           | <0.04          | 327              | 2.2               | 3.2           | <1          | <1              | <2              | <1             | <1              | 18.3            | <1              | 1.1         | <50         | 0.92          | 14.5      | -       | -         | -                                       | ND              | 23             | 11             | <0.02          | <0.02          | 0.5            | <0.2                   | <0.1            | <0.2              | <2                                | <2  | ND |
| RR1    | 35-40           | 10/15/2001  | <0.5             | <0.5            | <0.5       | <0.5                                  | 6.1 +/-1.9          | 8.5 +/-1.0         | <200            | <5            | 1570            | <2             | 62.1          | <1               | <1             | 4.5           | 50.1            | 21.5          | <0.04          | 858              | 7.5               | 9             | 5.9         | <1              | <1              | <2             | <1              | 40              | <1              | 4.4         | 70.5        | 8.76          | 9.08      | -       | -         | -                                       | ND              | 14             | 10             | <0.02          | <0.02          | 0.7            | <0.2                   | <0.1            | <0.2              | <2                                | <2  | ND |
| RR1    | 45-50           | 10/15/2001  | <0.5             | <0.5            | <0.5       | <0.5                                  | <1.0                | <1.0               | <200            | <5            | 56.5            | <2             | 10.5          | <1               | <1             | <1            | 2.7             | <1            | <0.04          | 166              | 1.3               | 1.8           | <1          | <1              | <2              | <1             | <1              | 2.4             | <1              | <1          | <50         | 0.283         | 4.04      | -       | -         | -                                       | ND              | 7              | 7              | <0.02          | <0.02          | 0.6            | <0.2                   | <0.1            | <0.2              | <2                                | <2  | ND |
| RR2    | 5-10            | 7/15/2003   | <0.5             | <0.5            | <0.5       | <0.5                                  | 1.0 +/-0.4          | 3.5 +/-0.6         | <200            | <5            | 1159            | <2             | 60.4          | <1               | 17.3           | 1.5           | 10.5            | 9.1           | <0.4           | 69               | 1.8               | 123           | 1.9         | <1              | <1              | <2             | <1              | 41              | <0.5            | 2.6         | 1182        | 1.89          | 3.2       | 1.4     | 20.6      | 4.5                                     | -               | 3              | 58             | <0.02          | <0.02          | <0.2           | <0.2                   | <0.1            | <0.2              | -                                 | -   | -  |
| RR2    | 15-20           | 7/15/2003   | <0.5             | <0.5            | <0.5       | <0.5                                  | <1                  | 1.6 +/-0.5         | <200            | <5            | 2518            | <2             | 42.1          | <1               | <1             | 2.6           | 33.2            | 16.2          | <0.4           | 211              | 3.9               | 7.2           | 3.7         | <1              | <1              | <2             | <1              | 87.5            | <0.5            | 5.1         | 90.4        | 7.53          | 15.7      | 1       | 4.4       | 2.5                                     | -               | 25             | 10             | <0.02          | <0.02          | 0.3            | <0.2                   | <0.1            | <0.2              | -                                 | -   | -  |
| RR2    | 25-30           | 7/15/2003   | <0.5             | <0.5            | <0.5       | <0.5                                  | <1                  | 1.3 +/-0.5         | <200            | <5            | 1160            | <2             | 28.5          | <1               | <1             | 1.3           | 10.6            | 7.1           | <0.4           | 121              | 2.3               | 3.5           | 2.3         | <1              | <1              | <2             | <1              | 41.8            | <0.5            | 2.4         | <50         | 1.32          | 12.6      | 0.8     | 6         | 2.5                                     | -               | 19             | 9              | <0.02          | <0.02          | 0.5            | <0.2                   | <0.1            | <0.2              | -                                 | -   | -  |
| RR2    | 35-40           | 7/15/2003   | <0.5             | <0.5            | <0.5       | <0.5                                  | <1                  | 1 +/-0.4           | <200            | <5            | 690             | <2             | 12.2          | <1               | <1             | 1.1           | 10.8            | 4.7           | <0.4           | 67.2             | 1.8               | 3.3           | 1.8         | <1              | <1              | <2             | <1              | 21.8            | <0.5            | 1.3         | 164         | 0.62          | 7.1       | 0.6     | 9.4       | 1.8                                     | -               | 6              | 8              | <0.02          | <0.02          | 0.5            | <0.2                   | <0.1            | <0.2              | -                                 | -   | -  |
| RR2    | 55-60           | 7/15/2003   | <0.5             | 0.5             | 0.7        | <0.5                                  | <1                  | 1.6 +/-0.5         | <200            | <5            | 3230            | <2             | 42.9          | <1               | <1             | 3.9           | 63.3            | 28            | <0.4           | 287              | 7.8               | 14            | 5.3         | <1              | <1              | <2             | <1              | 5.7             | <0.5            | 6.6         | 180         | 12.8          | 6.6       | 1.2     | 8.8       | 4.6                                     | -               | 8              | 7              | <0.02          | <0.02          | 1.1            | <0.2                   | <0.1            | <0.2              | -                                 | -   | -  |
| RR2    | 75-80           | 7/15/2003   | 1                | 0.5             | <0.5       | <0.5                                  | <1                  | 1.9 +/-0.5         | <200            | <5            | 5100            | <2             | 52.9          | <1               | <1             | 5.7           | 93.3            | 42.2          | <0.4           | 421              | 11.2              | 19.7          | 6.9         | <1              | <1              | <2             | <1              | 171             | <0.5            | 8.9         | 284         | 18.7          | 5.6       | 1.4     | 12.2      | 3.7                                     | -               | 8              | 6              | <0.02          | <0.02          | 0.4            | <0.2                   | <0.1            | <0.2              | -                                 | -   | -  |
| RR3    | 15-20           | 7/14/2003   | <0.5             | <0.5            | <0.5       | <0.5                                  | <1                  | 1.2 +/-0.5         | <200            | <5            | 137             | <2             | 25.1          | <1               | <1             | <1            | 2.3             | 1.5           | <0.4           | 16               | <1                | <1            | 1.5         | <1              | <1              | <2             | <1              | 8.8             | <0.5            | <1          | <50         | 0.27          | 18.9      | 0.9     | 5.4       | 1.9                                     | -               | 28             | 12             | <0.02          | <0.02          | 0.2            | <0.2                   | <0.1            | <0.2              | -                                 | -   | -  |
| RR3    | 25-30           | 7/14/2003   | <0.5             | <0.5            | <0.5       | <0.5                                  | <1                  | <1                 | <200            | <5            | 482             | <2             | 22.2          | <1               | <1             | <1            | 8.5             | 3.8           | <0.4           | 62.4             | <1                | <1            | 1.2         | <1              | <1              | <2             | <1              | 25              | <0.5            | 1.2         | <50         | 1.06          | 18.5      | 0.8     | 4.8       | 1.7                                     | -               | 29             | 8              | <0.02          | <0.02          | 0.6            | <0.2                   | <0.1            | <0.2              | -                                 | -   | -  |
| RR3    | 35-40           | 7/14/2003   | <0.5             | <0.5            | <0.5       | <0.5                                  | <1                  | <1                 | <200            | <5            | 143             | <2             | 12.7          | <1               | <1             | <1            | 3               | 1.5           | <0.4           | 20.8             | <1                | <1            | 1           | <1              | <1              | <2             | <1              | 8.2             | <0.5            | <1          | <50         | 0.36          | 18.5      | 0.7     | 1.9       | 1.1                                     | -               | 25             | 7              | <0.02          | <0.02          | 0.6            | <0.2                   | <0.1            | <0.2              | -                                 | -   | -  |
| RR3    | 45-50           | 7/14/2003   | <0.5             | <0.5            | <0.5       | <0.5                                  | <1                  | <1                 | 251 +/-94       | <5            | 156             | <2             | 8.6           | <1               | <1             | <1            | 3.9             | 1.4           | <0.4           | 37               | <1                | <1            | 1           | <1              | <1              | <2             | <1              | 9.1             | <0.5            | <1          | <50         | 0.48          | 8.8       | 0.6     | 2.9       | 1.2                                     | -               | 9              | 7              | <0.02          | <0.02          | 0.5            | <0.2                   | <0.1            | <0.2              | -                                 | -   | -  |
| RR3    | 55-60           | 7/14/2003   | <0.5             | <0.5            | <0.5       | <0.5                                  | <1                  | 1.0 +/-0.4         | <200            | <5            | <5              | <2             | 21.2          | <1               | <1             | <1            | 4.7             | <1            | <0.4           | 82               | <1                | <1            | <1          | <1              | <1              | <2             | <1              | <1              | <0.5            | 1.5         | <50         | <0.1          | 7         | 0.9     | 7.8       | 3.6                                     | -               | 8              | 6              | <0.02          | <0.02          | 1.1            | <0.2                   | <0.1            | <0.2              | -                                 | -   | -  |
| RR3    | 68-73           | 7/14/2003   | <0.5             | <0.5            | <0.5       | <0.5                                  | <1                  | 1.0 +/-0.4         | <200            | <5            | 1030            | <2             | 40            | <1               | <1             | 1.2           | 32.4            | 12.9          | <0.4           | 139.2            | 2.3               | 5             | 3.1         | <1              | <1              | <2             | <1              | 44              | <0.5            | 2.3         | 159.8       | 3.31          | 6.9       | 0.9     | 11.7      | 4.2                                     | -               | 9              | 6              | <0.02          | <0.02          | 1              | <0.2                   | <0.1            | <0.2              | -                                 | -   | -  |
| RR4    | 10-15           | 10/20/2004  | -                | -               | -          | -                                     | -                   | -                  | -               | <5            | 94.1            | <2             | 27.7          | <1               | <1             | 1.2           | 2.4             | 1             | <0.4           | 88.7             | <1                | 3.6           | 1.2         | <1              | <1              | <2             | <1              | 5.1             | <0.5            | <1          | <50         | <0.1          | 11.9      | 0.6     | 3.4       | 1.5                                     | -               | -              | -              | -              | -              | -              | -                      | -               | -                 |                                   |   |    |
| RR4    | 20-25           | 10/20/2004  | -                | -               | -          | -                                     | -                   | -                  | -               | <5            | 43.8            | <2             | 22.9          | <1               | <1             | <1            | 1.4             | 1.5           | <0.4           | 8.5              | <1                | 2.1           | 2.6         | <1              | <1              | <2             | <1              | 2.2             | <0.5            | <1          | <50         | <0.1          | 5.6       | 0.6     | 7.5       | 3.6                                     | -               | 53             | 12             | <0.02          | <0.02          | <0.2           | <0.5                   | <0.2            | <0.2              | -                                 | -   | -  |
| RR4    | 80-85           | 10/20/2004  | -                | -               | -          | -                                     | -                   | -                  | -               | <5            | 11.3            | <2             | 8.4           | <1               | <1             | <1            | 1.4             | 1             | <0.4           | 4.9              | <1                | 1.3           | 2.5         | <1              | <1              | <2             | <1              | 1.1             | <0.5            | <1          | <50         | <0.1          | 3.5       | 0.3     | 2.6       | 1.3                                     | -               | -              | -              | -              | -              | -              | -                      | -               | -                 |                                   |   |    |
| RR4    | 100-105         | 10/14/2004  | 1.0              | <0.5            | <0.5       | <0.5                                  | -                   | -                  | -               | <5            | 11.3            | <2             | 8.4           | <1               | <1             | <1            | 1.4             | 1             | <0.4           | 4.9              | <1                | 1.3           | 2.5         | <1              | <1              | <2             | <1              | 1.1             | <0.5            | <1          | <50         | <0.1          | 3.5       | 0.3     | 2.6       | 1.3                                     | -               | -              | -              | -              | -              | -              | -                      | -               | -                 |                                   |   |    |
| RR4    | 110-115         | 10/14/2004  | 2.0              | <0.5            | <0.5       | <0.5                                  | -                   | -                  | -               | <5            | 31.4            | <2             | 7.3           | <1               | <1             | <1            | 2.2             | <1            | <0.4           | 7.8              | <1                | 1.4           | 1.1         | <1              | <1              | <2             | <1              | 1.1             | <0.5            | <1          | <50         | <0.1          | 3.9       | 0.3     | 3.5       | 1.6                                     | -               | -              | -              | -              | -              | -              | -                      | -               | -                 |                                   |   |    |
| RR4    | 120-125         | 10/14/2004  | 0.8              | <0.5            | <0.5       | <0.5                                  | -                   | -                  | -               | <5            | 29.8            | <2             | 3.9           | <1               | <1             | <1            | 1.6             | <1            | <0.4           | 26.5             | <1                | 1.5           | 1.5         | <1              | <1              | <2             | <1              | 1.2             | <0.5            | <1          | <50         | <0.1          | 4.3       | 0.5     | 5.6       | 2.3                                     | -               | -              | -              | -              | -              | -              | -                      | -               | -                 |                                   |   |    |
| RR4    | 130-135         | 10/14/2004  | <0.5             | <0.5            | <0.5       | <0.5                                  | -                   | -                  | -               | <5            | 59.7            | <2             | 4.3           | <1               | <1             | 1.5           | 1.5             | <1            | <0.4           | 184              | <1                | 1.9           | 3.8         | <1              | <1              | <2             | <1              | 3.2             | <0.5            | <1          | <50         | 0.17          | 4.1       | 0.5     | 5.8       | 2.2                                     | -               | -              | -              | -              | -              | -              | -                      | -               |                   |                                   |   |    |
| RR5    | 10-15           | 12/15/2004  | <0.5             | <0.5            | <0.5       | <0.5                                  | -                   | -                  | -               | <5            | 544             | <2             | 34.3          | <1               | 2              | 1.3           | 1.2             | 1.8           | <0.4           | 55.7             | <1                | 24.4          | <1          | <1              | <1              | <2             | <1              | 28.2            | <0.5            | 1.7         | 174         | 0.4           | 18.3      | 1.6     | 9.9       | 3.2                                     | -               | 35             | 18             | <0.02          | <0.02          | <0.2           | <0.5                   | <0.2            | <0.2              | -                                 | -   | -  |
| RR5    | 30-35           | 12/15/2004  | <0.5             | <0.5            | <0.5       | <0.5                                  | -                   | -                  | -               | <5            | 79.3            | <2             | 38.2          | <1               | <1             | 1.3           | <1              | 1.2           | <0.4           | 107              | <1                | 1.5           | <1          | <1              | <1              | <2             | <1              | 3.3             | <0.5            | <1          | <50         | <0.1          | 17.8      | 0.9     | 4.4       | 2.1                                     | -               | 33             |                |                |                |                |                        |                 |                   |                                   |   |    |