

# Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735  
Phone - 631-249-1456 Fax - 631-249-8344

05/20/2008

**Laboratory Identifier: 0611566**

Received: 11/29/2006 10:36

Sampled by: Brian Dortch

**Client: Blue Water**

1610 New Highway  
Farmingdale,  
NY 11735

**Project: Island Park Pilot Study**

7 Washington Ave  
Island Park,  
NY 11558

**Manager: Greg Ernst (Gannett)**

Respectfully submitted,



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Technical Director

NYS Lab ID # 10969

NJ Cert. # 73812

CT Cert. # PH0645

MA Cert. # NY061

NH Cert. # 252592-BA



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05/20/2008

## Ammonia as NH3 - EPA 350.2

### Sample: 0611566-1

Client Sample ID: PTW-1

Collected: 11/29/2006 10:00

Matrix: Liquid

Type: Grab

Remarks:

Analyzed Date: 12/01/2006

### Analytical Results

| Cas No    | Analyte | MDL  | Result | Units | Q |
|-----------|---------|------|--------|-------|---|
| 7664-41-7 | Ammonia | 0.40 | 6.52   | mg/L  |   |

### Sample: 0611566-2

Client Sample ID: PTW-2

Collected: 11/29/2006 09:30

Matrix: Liquid

Type: Grab

Remarks:

Analyzed Date: 12/01/2006

### Analytical Results

| Cas No    | Analyte | MDL  | Result | Units | Q |
|-----------|---------|------|--------|-------|---|
| 7664-41-7 | Ammonia | 0.40 | 45.4   | mg/L  |   |



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05/20/2008

## Nitrogen/Nitrate - EPA 353.2

### **Sample: 0611566-1**

Client Sample ID: PTW-1

Collected: 11/29/2006 10:00

Matrix: Liquid

Type: Grab

Remarks:

Analyzed Date: 12/02/2006

### **Analytical Results**

| Cas No     | Analyte | MDL   | Result | Units | Q |
|------------|---------|-------|--------|-------|---|
| 14797-55-8 | Nitrate | 0.025 | 1.53   | mg/L  | Y |

### **Sample: 0611566-2**

Client Sample ID: PTW-2

Collected: 11/29/2006 09:30

Matrix: Liquid

Type: Grab

Remarks:

Analyzed Date: 12/02/2006

### **Analytical Results**

| Cas No     | Analyte | MDL   | Result | Units | Q |
|------------|---------|-------|--------|-------|---|
| 14797-55-8 | Nitrate | 0.025 | 1.62   | mg/L  | Y |



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05/20/2008

## Nitrogen/Nitrite - EPA 354.1

### **Sample: 0611566-1**

Client Sample ID: PTW-1

Collected: 11/29/2006 10:00

Matrix: Liquid

Type: Grab

Remarks:

Analyzed Date: 12/05/2006

### Analytical Results

| Cas No     | Analyte | MDL   | Result | Units | Q |
|------------|---------|-------|--------|-------|---|
| 14797-65-0 | Nitrite | 0.045 | 0.060  | mg/L  | Y |

### **Sample: 0611566-2**

Client Sample ID: PTW-2

Collected: 11/29/2006 09:30

Matrix: Liquid

Type: Grab

Remarks:

Analyzed Date: 12/05/2006

### Analytical Results

| Cas No     | Analyte | MDL   | Result | Units | Q |
|------------|---------|-------|--------|-------|---|
| 14797-65-0 | Nitrite | 0.018 | 0.018  | mg/L  | Y |



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## Total Kjeldahl Nitrogen - EPA 351.3

### **Sample: 0611566-1**

Client Sample ID: PTW-1

Collected: 11/29/2006 10:00

Matrix: Liquid

Type: Grab

Remarks:

Analyzed Date: 12/01/2006

### **Analytical Results**

| Cas No | Analyte | MDL  | Result | Units | Q |
|--------|---------|------|--------|-------|---|
|        | TKN     | 0.59 | 6.86   | mg/L  |   |

### **Sample: 0611566-2**

Client Sample ID: PTW-2

Collected: 11/29/2006 09:30

Matrix: Liquid

Type: Grab

Remarks:

Analyzed Date: 12/01/2006

### **Analytical Results**

| Cas No | Analyte | MDL  | Result | Units | Q |
|--------|---------|------|--------|-------|---|
|        | TKN     | 0.59 | 46.8   | mg/L  |   |



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## Total Nitrogen

**Sample: 0611566-1**

Client Sample ID: PTW-1

Collected: 11/29/2006 10:00

Matrix: Liquid

Type: Grab

Remarks:

Analyzed Date: 12/01/2006

### Analytical Results

| Cas No | Analyte        | MDL  | Result | Units | Q |
|--------|----------------|------|--------|-------|---|
|        | Total Nitrogen | 0.66 | 8.45   | mg/L  |   |

**Sample: 0611566-2**

Client Sample ID: PTW-2

Collected: 11/29/2006 09:30

Matrix: Liquid

Type: Grab

Remarks:

Analyzed Date: 12/01/2006

### Analytical Results

| Cas No | Analyte        | MDL  | Result | Units | Q |
|--------|----------------|------|--------|-------|---|
|        | Total Nitrogen | 0.63 | 48.4   | mg/L  |   |



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## ORGANIC METHOD QUALIFIERS

Q - Qualifier - specified entries and their meanings are as follows:

- U - The analytical result is not detected above the Method Detection Limit (MDL).  
All MDL's are lower than the lowest calibration standard concentration.
- J - Indicates an estimated value. The concentration reported was between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL).
- B - The analyte was found in the associated method blank as well as the sample.  
It indicates possible/probable blank contamination and warns the data user to take appropriate action.
- E - The concentration of the analyte exceeded the calibration range of the instrument.
- D - This flag indicates a system monitoring compound diluted out.

## INORGANIC METHOD QUALIFIERS

C - (Concentration) qualifiers are as follows:

- B - Entered if the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but greater than or equal to the Instrument Detection Limit (IDL).
- U - Entered when the analyte was analyzed for, but not detected above the Method Detection Limit (MDL) which is less than the lowest calibration standard concentration.

Q - Qualifier specific entries and their meanings are as follows:

- E - Reported value is estimated because of the presence of interferences.

M - (Method) qualifiers are as follows:

- A - Flame AA
- AS - Semi-automated Spectrophotometric
- AV - Automated Cold Vapor AA
- C - Manual Spectrophotometric
- F - Furnace AA
- P - ICP
- T - Titrimetric

## OTHER QUALIFIERS

ND - Not Detected

