

[Handwritten scribble]



**Random Compliance Inspection
Surface Water Discharges Section
Division of Water Resources**

Delaware Department of Natural Resources and Environmental Control
89 Kings Highway, Dover, DE 19901
(302) 739-9946

| | | | |
|---------------------------|---------------------------|------------------|----------------|
| Inspector(s): | <i>C. Cleaver</i> | Date: | <i>2/13/08</i> |
| Facility Name: | <i>Pinnacle - Vlastic</i> | Permit #: | <i>0000736</i> |
| Facility Location: | <i>Millsboro</i> | Phone #: | |
| Facility Contacts: | <i>Not present</i> | | |

Comments

Grab samples taken. Grab sample for algalococcus taken @ same time with Rod from Envirocorp. No problems found.

Inspector Certification

| | | |
|------------------------------|-------------------|-------------------------|
| Print Name and Title: | <i>C. Cleaver</i> | <i>Env. Comp. Spec.</i> |
| Signature and Date: | <i>C. Cleaver</i> | <i>2-20-08</i> |



STATE OF DELAWARE
DEPARTMENT OF NATURAL RESOURCES AND
ENVIRONMENTAL CONTROL
DIVISION OF WATER RESOURCES
89 KINGS HIGHWAY
DOVER, DELAWARE 19901

ENVIRONMENTAL
LABORATORY SECTION

PHONE: (302) 739-9942
FAX: (302) 739-3491

February 28, 2008

J. Chris Cleaver
DWR - Surface Water Discharge Section - NPDES
89 Kings Highway
Dover, DE 19901

Attention: J. Chris Cleaver

Attached you will find the following Laboratory Results:

Order Number: 0802040
Project Description: Pinnacle
Date Received: 02/13/2008
Time Received: 13:55

If you have any questions regarding this data, please contact me at the above telephone number.

Sincerely,


Kathy A. Knowles
Laboratory Manager

Delaware's good nature depends on you!



ANALYSIS REPORT

| ELS Sample Number: | 0802040-001 | Matrix: | Waste Water | | | |
|--|---------------|---------------------------------|-----------------|------------------|------------|----------------------|
| Client Sample Description: | 001 | Sampling Method: | Grab | | | |
| Site ID: | 001 | Date and Time Collected: | 2/13/2008 10:15 | | | |
| <i>Test Parameter</i> | <i>Method</i> | <i>Result</i> | <i>Units</i> | <i>Qualifier</i> | <i>LOQ</i> | <i>Analysis Date</i> |
| Microbiological Examination | | | | | | |
| Enterococcus | Enterolert | < 1 | cfu/100ml | | 1 | 02/14/2008 |
| Organic Aggregate Constituents | | | | | | |
| BOD, 5-Day | SM 5210B | 2.74 | mg/L | | 2.40 | 02/15/2008 |
| Physical and Aggregate Properties | | | | | | |
| Residue, Nonfilterable (TSS) | EPA 160.2 | 2 | mg/L | | 2 | 02/14/2008 |

ANALYSIS REPORT

| ELS Sample Number: | 0802040-002 | Matrix: | Waste Water | | | |
|------------------------------------|---------------|---------------------------------|-----------------|------------------|------------|----------------------|
| Client Sample Description: | 001-1 | Sampling Method: | Grab | | | |
| Site ID: | 001-1 | Date and Time Collected: | 2/13/2008 10:10 | | | |
| <i>Test Parameter</i> | <i>Method</i> | <i>Result</i> | <i>Units</i> | <i>Qualifier</i> | <i>LOQ</i> | <i>Analysis Date</i> |
| Microbiological Examination | | | | | | |
| Enterococcus | Enterolert | < 1 | cfu/100ml | | 1 | 02/14/2008 |

ANALYSIS REPORT

| ELS Sample Number: | 0802040-003 | Matrix: | Waste Water | | | |
|------------------------------------|---------------|---------------------------------|-----------------|------------------|------------|----------------------|
| Client Sample Description: | 001-2 | Sampling Method: | Grab | | | |
| Site ID: | 001-2 | Date and Time Collected: | 2/13/2008 10:25 | | | |
| <i>Test Parameter</i> | <i>Method</i> | <i>Result</i> | <i>Units</i> | <i>Qualifier</i> | <i>LOQ</i> | <i>Analysis Date</i> |
| Microbiological Examination | | | | | | |
| Enterococcus | Enterolert | < 1 | cfu/100ml | | 1 | 02/14/2008 |



Qualifier Codes, Definitions, and Abbreviations

Qualifier/Flag

| | |
|-----|--|
| < | Sample value is below the method detection limit. The result is reported as < MDL. |
| > | Sample value is above the upper quantitation limit. The upper quantitation limit is reported. |
| AB | Air Bubble in DO bottle |
| B | Compound not detected substantially (10 times) above the level reported in the laboratory blanks (For Chlorophyll & Pheophytin, blank value is at or below amount detected in sample). |
| BT | Secchi disk ON BOTTOM. The reported result is the depth from the surface to the bottom. |
| C | See report narrative or comment line for observations concerning this result. |
| D | Sample diluted for analysis. |
| EG | Value exceeds a theoretically equivalent or greater value (e.g. dissolved > total). |
| EW | Value exceeds a theoretically equal or greater value (e.g. dissolved > total). However, the difference is within the expected precision of the analytical techniques and is not statistically significant. |
| FZ | Samples frozen prior to analysis |
| I | The reported value is estimated due to the presence of interference. |
| IM | Instrument malfunctioned; No measurement taken. |
| J | Analyte present; reported value is estimated; concentration is below the range for accurate quantitation (greater than the MDL, but less than the LOQ). |
| JH | Result is likely overestimated due to matrix effect. |
| JL | Result is likely underestimated due to matrix effect |
| K | Sample not analyzed for the dissolved metal. The Total metal result is below the lower quantitation limit. |
| LOQ | Limit of Quantitation |
| MDL | Method Detection Limit |
| NA | Not Analyzed but required by project workplan or analytical request form. |
| NBF | No bottom measurement recorded in the field due to shallow water; Bottom records are those measurements recorded at surface. |
| NC | Sample not collected, but required by the project work plan. |
| ND | Not Detected. |
| NE | Field measurement not taken due to uncontrollable field sampling event or Natural Condition (Depth of water too deep/shallow). |
| NF | Sample collected, but not analyzed by the laboratory due to field error. |
| NO | None Observed |
| NR | No Result. See report narrative or comments for explanation. |
| NV# | Analytical result not valid. |
| O | Sample outsourced for analysis. Data will be reported separately. |
| P | Sample not properly preserved in field in accordance with preservation requirements. Data may be suspect. |
| PMM | Par Meter Malfunction |
| QC | Quality control value is outside acceptance limits. |
| QNS | Quantity not sufficient. Not enough sample to perform requested analyses. |
| S | Results will be reported in a separate report; See attached report. |
| SD | Sample discarded; Sample collected but not analyzed as per client request. |
| SNF | Site has no flow (i.e. a dry stream or a stream with no velocity) |
| STD | Stream too deep |
| STS | Site is too shallow to sample |
| U | Compound was analyzed but not detected. The method detection limit is reported. |
| UR | Nothing unusual was noted during the analysis of this sample. However, the test result differs from the norm to an extent that the laboratory considers it unreliable. |
| V | Analysis performed after holding time expired. |
| X | Results were not available at the time of the release of the report. Results will be reported when available. |



Qualifier Codes, Definitions, and Abbreviations

Units

| | |
|-----------|--|
| CFS | Cubic Feet per Second. |
| cfu/100mL | Colony forming units per 100 mL. |
| G | gram; there are 1000 g in 1 Kg. |
| GPM | Gallons per minute. |
| IN | Inches. |
| Kg | Kilogram. |
| L | Liter. |
| mg | milligram; there are 1000 mg in 1 g. |
| MGD | Millions of Gallons per Day. |
| ml | milliliter; there are 1000 ml in 1 L. |
| NTU | Nephelometric Turbidity Units. NTU is numerically equivalent to Formazin turbidity unit (FTU). |
| oC | Celsius. |
| pCi/L | Pico curie per liter. |
| ppb | Parts per billion=ug/Kg, ug/L. |
| ppm | Parts per million=mg/Kg, ug/g, mg/L, ug/ml; 1 ppm=1000 ppb. |
| su | Standard Units. |
| ug | microgram; there are 1000 ug in 1 mg. |
| uL | microliter; there are 1000 ul in 1 ml. |
| uMhos | Conductivity units for laboratory measurements. |
| uS | micro siemens; units used to measure conductivity in the field; same as uMhos. |



*Environmental Laboratory Section - Division of Water Resources
Delaware Department of Natural Resources and Environmental Control
89 Kings Highway, Dover, DE 19901 Phone: 302-739-9942*

INVOICE

Invoice To:

J. Chris Cleaver
DWR - Surface Water Discharge Section - NPDES
89 Kings Highway
Dover, DE 19901

Report To:

J. Chris Cleaver
DWR - Surface Water Discharge Section - NPDE
89 Kings Highway
Dover, DE 19901

| Invoice ID: | Account: | ELS Contact: | Invoice Date: | Priority: |
|-------------|------------------------------|----------------|---------------|-----------------|
| IN3172 | DWR-NPDES | Donna.Faries | 28-Feb-08 | Normal |
| Order ID: | Project Name: | Date Received: | | |
| 0802040 | Pinnacle | 13-Feb-08 | | |
| Matrix: | Description: | Quantity: | Unit Price: | Extended Price: |
| Waste Water | Residue, Nonfilterable (TSS) | 1 | \$11.00 | \$11.00 |
| Waste Water | Enterococcus | 3 | \$25.00 | \$75.00 |
| Waste Water | BOD, 5-Day | 1 | \$22.00 | \$22.00 |

Thank you for allowing us to serve you

| | |
|---------------|-----------------|
| Total: | \$108.00 |
|---------------|-----------------|

