ANALYTICAL LABORATORY SERVICES, INC.
Environmental + Industrial Hygiene + Food Science
www.analyticallab.com


Sample # 196926-2

ATTN: Mr. John DeRenzis
Defense National Stockpile
NAVICP Bldg. #8
Mechanicsburg PA 17055

December 28, 2001

LAB ANALYSIS REPORT

| | | | |
|---|---|---|---|
| Job Name | : Defense Ntnl. Stock. | Customer PO# | : |
| Job Number | : DNS26-JD-MC | Date Sampled | : 12/13/01 |
| Location | : Outfall #2 | Date Received | : 12/14/01 |
| Sample State | : Water Grab | Date Approved | : 12/28/01 |
| Collector | : JR | Discard Date | : 01/12/02 |

| TEST/PARAMETER | RESULT | UNITS | REPORTING LIMIT | METHOD |
|---|---|---|---|---|
| ATER QUALITY | | | | |
| Ammonia-Nitrogen | N.D. | mg/l | 0.10 | 350.3 |
| Biochemical Oxygen Demand | N.A. | mg/l | 2 | 5210-B |
| Chemical Oxygen Demand | 32 | mg/l | 15 | 410.4 |
| Oil and Grease, Hexane Ext. | N.D. | mg/l | 2 | 1664 |
| pH | N.A. | | | 150.1 |
| Total Suspended Solids | N.A. | mg/l | 5 | 160.2 |

N.D. - Not Detected
N.A. - Not Analyzed

The pH of the "Wet Chemistry" bottle was adjusted to pH < 2 by the addition of sulfuric acid upon receipt at the laboratory.

The BOD, pH, and total suspended solids tests will be performed at a later date. The client was notified and will resample for these parameters.
VLF 12/28/01

**** Continued ****

34 Dogwood Lane + Middletown, PA 17057
TEL: 717-944-5541 + FAX: 717-944-1430 + Philadelphia 610-840-1393 + Maryland 410-844-0000

ANALYTICAL
LABORATORY SERVICES, INC.
Environmental + Industrial Hygiene + Food Science
www.analyticallab.com



December 28, 2001

This report relates only to the samples as received by the laboratory, and may only be reproduced in full. If you have any questions in reference to this analysis please contact your ALSI coordinator or the laboratory manager listed at the bottom of this report at 717-944-5541.

| TEST/PARAMETER | PRESERVATIVE | TECH | ANALYSIS DATE | TIME |
|---|---|---|---|---|
| Ammonia-Nitrogen | See Chain of Custody | JAL | 12/27/01 | 08:10 |
| Biochemical Oxygen Demand | See Chain of Custody | RRH | 12/28/01 | 19:30 |
| Chemical Oxygen Demand | See Chain of Custody | DAP | 12/26/01 | 15:40 |
| Oil and Grease, Hexane Ext. | See Chain of Custody | CJP | 12/21/01 | 10:15 |
| pH | See Chain of Custody | PAM | 12/28/01 | 04:05 |
| Total Suspended Solids | See Chain of Custody | MCD | 12/28/01 | 10:00 |

Respectfully Submitted,

Raymond J. Mattrano
Laboratory Manager

ANALYTICAL
LABORATORY SERVICES, INC.
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ATTN: Mr. John DeRenzis
Defense National Stockpile
NAVICP Bldg. #8
Mechanicsburg PA 17055

December 28, 2001

LAB ANALYSIS REPORT

| | | | |
|---|---|---|---|
| Job Name | : Defense Ntnl. Stock. | Customer PO# | : |
| Job Number | : DNS26-JD-MC | Date Sampled | : 12/13/01 |
| Location | : Outfall #3 | Date Received | : 12/14/01 |
| Sample State | : Water Grab | Date Approved | : 12/27/01 |
| Collector | : JR | Discard Date | : 01/11/02 |

| TEST/PARAMETER | RESULT | UNITS | REPORTING LIMIT | METHOD |
|---|---|---|---|---|
| ATER QUALITY | | | | |
| Ammonia-Nitrogen | N.D. | mg/l | 0.10 | 350.3 |
| Biochemical Oxygen Demand | N.D. | mg/l | 2 | 5210-B |
| Chemical Oxygen Demand | 16 | mg/l | 15 | 410.4 |
| Oil and Grease, Hexane Ext. | N.D. | mg/l | 2 | 1664 |
| pH | 7.03 | | | 150.1 |
| Total Suspended Solids | 62 | mg/l | 5 | 160.2 |

N.D. - Not Detected

This sample was received by the laboratory after the recommended holding time for pH had elapsed.

This report relates only to the samples as received by the laboratory, and may only be reproduced in full. If you have any questions in reference to this analysis please contact your ALSI coordinator or the laboratory manager listed at the bottom of this report at 717-944-5541.

**** Continued ****

ANALYTICAL
LABORATORY SERVICES, INC.
Environmental + Industrial Hygiene + Food Science
www.analyticallab.com


Sample # 196926-3

December 28, 2001

| TEST/PARAMETER | PRESERVATIVE | TECH | ANALYSIS DATE | ANALYSIS TIME |
|---|---|---|---|---|
| Ammonia-Nitrogen | See Chain of Custody | JAL | 12/27/01 | 08:10 |
| Biochemical Oxygen Demand | See Chain of Custody | RRH | 12/14/01 | 19:30 |
| Chemical Oxygen Demand | See Chain of Custody | DAP | 12/26/01 | 15:40 |
| Oil and Grease, Hexane Ext. | See Chain of Custody | CJP | 12/21/01 | 10:15 |
| pH | See Chain of Custody | pam | 12/15/01 | 03:00 |
| Total Suspended Solids | See Chain of Custody | MCD | 12/19/01 | 10:00 |

Respectfully Submitted,

Raymond J. Martrano
Laboratory Manager

ATTN- SUE BAER

ANALYTICAL LABORATORY SERVICES, INC.
Environmental • Industrial Hygiene • Food Science
34 Dogwood Lane
Middletown, PA 17057
TEL: 717-944-5541
FAX: 717-944-1430

# CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

Please print. See back of COC for directions

COC #: 196926

Sample Date: 12 / 13 / 01

Client Name: DEFENSE LOGISTICS AGENCY
Address:
Contact: JOHN DERENZIS
Phone #: 805-3715
Project Name/#: PT. PLEASANT WV
Quote/PO #:
AT: Normal ☐ *Rush ☐ *Not for rush, reagent and sample
Date Required:
Approved by:
Tax Results ? Y or N #:

COOLER TEMP:
COC SEAL INTACT: Y or N
SHIPPING CARRIER:
SHIPPING NO.

| | OIL & GREASE | BOD | PH TSS | NH3 (AMMON) COD |
|---|---|---|---|---|
| | GIL | PAL | P500 | |
| | H2SO4 | — | H2SO4 | |

| SAMPLE DESCRIPTION LOCATION | | | | | | | | | | | | | | | | COMMENTS FIELD DATA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OUTFALL #1 | G | | WW | 2 | 1 | 1 | | | | | | | | | | 196926-1,2 |
| #2 | G | | WW | 2 | 1 | 1 | | | | | | | | | | Pl needed Adj |
| #3 | G | | WW | 2 | 1 | 1 | | | | | | | | | | NH2, COD ~~HAN~~ H2SO4 |
| | | | | | | | | | | | | | | | | V34002 |
| | | | | | | | | | | | | | | | | SS 12/14/01 |

12/13/01

| | Print Name | Signature | Date | Time |
|---|---|---|---|---|
| Sampled by: | JOHN DERENZIS | [signature] | DEC 13 | 1515/60 |
| Received by: | [signature] A151 | [signature] | 14 Dec 01 | 1245 |
| Relinquished by: | | | | |
| Received by: | | | | |
| Relinquished by: | | | | |
| Received by: | | | | |

Remarks:

METHOD PROTOCOL: SW846 ☐ CFR136 ☐
DRINKING WATER ☐ OTHER:
REPORTING REQUIREMENTS: PADEP ☐
OTHER: PWSID:

Copies: WHITE - ORIGINAL CANARY - CUSTOMER MAILING PINK - FILE GOLDENROD - CUSTOMER COPY

STORM WATER VISUAL EXAMINATION FORM 

SITE NAME: DNSC DEPOT @ POINT PLEASANT, WV

POINT OF CONTACT (POC): DAVE TAYLOR, SWPPC LEADER

PHONE NUMBER: 304-675-3410

INSPECTING PERSONNEL: JOHN DERENZIS, QUALITY ASSURANCE
Name Title

OUTFALL #1

Name Title

BI-ANNUAL INSPECTION PERFORMED:
- ✓ 1ST (JANUARY – JUNE)
- ✓ 2ND (JULY – DECEMBER)

DATE/TIME OF INSPECTION: DEC 13, 2001 1515
DATE TIME

DIRECTIONS: USE A GLASS JAR TO COLLECT A GRAB SAMPLE OF STORM WATER RUNOFF FROM DESIGNATED SWPPP SITE OUTFALLS DURING THE FIRST 30 MINUTES (OR AS SOON THEREAFTER AS PRACTICAL, BUT NOT TO EXCEED 60 MINUTES) OF WHEN RUNOFF BEGINS DISCHARGING. PROVIDE NOTES ON THE FOLLOWING CHARACTERISTICS OF THE RUNOFF.

1. COLOR CLEAR
2. ODOR NONE
3. CLARITY CLEAR
4. SETTLED SOLIDS MINIMAL
5. SUSPENDED SOLIDS NONE
6. PRESENCE OF:
   - NO FLOATING SOLIDS
   - NO OIL SHEEN
   - NO FOAM
   - NO OTHER POLLUTANT INDICATOR (TYPE - _____)
7. ADDITIONAL NOTES _____

SIGNATURE/DATE OF INSPECTING PERSONNEL: DEC 13, 2001



12/03/2001 15:35 7174261476 DEP HAT STOCKPILE PAGE 21

STORM WATER VISUAL EXAMINATION FORM PAGE 1/1

SITE NAME: DNSC DEPOT @ POINT PLEASANT, WV

POINT OF CONTACT (POC): DAVE TAYLOR, SWPPC LEADER

PHONE NUMBER: 304-675-3410

INSPECTING PERSONNEL: JOHN DERENZIS, QUALITY ASSURANCE
Name Title

OUTFALL #2

Name Title

BI-ANNUAL INSPECTION PERFORMED:
1ST (JANUARY – JUNE)
✓ 2ND (JULY – DECEMBER)

DATE/TIME OF INSPECTION: DEC 13, 2001 CA. 1520
DATE TIME

DIRECTIONS: USE A GLASS JAR TO COLLECT A GRAB SAMPLE OF STORM WATER RUNOFF FROM DESIGNATED SWPPP SITE OUTFALLS DURING THE FIRST 30 MINUTES (OR AS SOON THEREAFTER AS PRACTICAL, BUT NOT TO EXCEED 60 MINUTES) OF WHEN RUNOFF BEGINS DISCHARGING. PROVIDE NOTES ON THE FOLLOWING CHARACTERISTICS OF THE RUNOFF.

1. COLOR CLEAR

2. ODOR NONE

3. CLARITY CLEAR

4. SETTLED SOLIDS MINIMAL

5. SUSPENDED SOLIDS NONE

6. PRESENCE OF:
NO FLOATING SOLIDS
NO OIL SHEEN
NO FOAM
NO OTHER POLLUTANT INDICATOR (TYPE - _____)

7. ADDITIONAL NOTES _____

SIGNATURE/DATE OF INSPECTING PERSONNEL: _____ DEC 13, 2001



12/03/2001 19:35 7174251476 DEF NAT STOCKPILE PAGE 22

STORM WATER VISUAL EXAMINATION FORM PAGE 1/1

SITE NAME: DNSC DEPOT @ POINT PLEASANT, WV

POINT OF CONTACT (POC): DAVE TAYLOR; SWPPC LEADER

PHONE NUMBER: 304-675-3410

INSPECTING PERSONNEL: JOHN DERENZIS. QUALITY ASSURANCE
Name Title

OUTFALL #3

Name Title

BI-ANNUAL INSPECTION PERFORMED:
- 1ST (JANUARY – JUNE)
- ✓ 2ND (JULY – DECEMBER)

DATE/TIME OF INSPECTION: DEC 13, 2001 ca. 1530
DATE TIME

DIRECTIONS: USE A GLASS JAR TO COLLECT A GRAB SAMPLE OF STORM WATER RUNOFF FROM DESIGNATED SWPPP SITE OUTFALLS DURING THE FIRST 30 MINUTES (OR AS SOON THEREAFTER AS PRACTICAL, BUT NOT TO EXCEED 60 MINUTES) OF WHEN RUNOFF BEGINS DISCHARGING. PROVIDE NOTES ON THE FOLLOWING CHARACTERISTICS OF THE RUNOFF.

1. COLOR CLEAR

2. ODOR NONE

3. CLARITY CLEAR

4. SETTLED SOLIDS MINIMAL

5. SUSPENDED SOLIDS MINIMAL

6. PRESENCE OF:
   - NO FLOATING SOLIDS
   - NO OIL SHEEN
   - NO FOAM
   - NO OTHER POLLUTANT INDICATOR (TYPE - _____)

7. ADDITIONAL NOTES _____

SIGNATURE/DATE OF INSPECTING PERSONNEL: [signature] DEC 13, 2001

ANALYTICAL LABORATORY SERVICES, INC.
Environmental + Industrial Hygiene + Food Science
34 Dogwood Lane
Middletown, PA 17057
TEL: 717-944-5541
FAX: 717-944-1430

# CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

Please print. See back of COC for directions

COC #:

Sample Date: 1 / 17 / 02

Client Name: DEFENSE NATL. STOCKPILE
Address:
Contact: JOHN P. DERENZIS
Phone #: 717-805-3715
Project Name/#: PP-STORMWATER
Quote/PO #:
TAT: Normal ☐ *Rush ☐ *Rush TAT subject to approval and surcharge
Date Required:
Approved by:
Fax Results ? Y or N #:

PH ONLY

COOLER TEMP:
COC SEAL INTACT: Y or N
SHIPPING CARRIER:
SHIPPING NO:

| SAMPLE DESCRIPTION/LOCATION | | | | NO. OF CONTAINERS PER ANALYSIS REQUESTED | | | | | | | | | | | | COMMENTS/FIELD DATA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OUTFALL #2 | G | | | 1 | | | | | | | | | | | | RESAMPLING OF OUTFALL # 2 DUE TO FAULTY READING ON FIRST ATTEMPT FOR PH ONLY |

| | | | |
|---|---|---|---|
| Sampled by: JOHN DERENZIS | [signature] | JAN 17 02 | 1545 |
| Received by: | | | |
| Relinquished by: | | | |
| Received by: | | | |
| Relinquished by: | | | |
| Received by: | | | |

Remarks:

METHOD PROTOCOL: SW846 ☐ CFR136 ☐
DRINKING WATER ☐ OTHER:
REPORTING REQUIREMENTS: PADEP ☐
OTHER: PWSID:

Copies: WHITE - ORIGINAL CANARY - CUSTOMER MAILING PINK - FILE GOLDENROD - CUSTOMER COPY

STORM WATER VISUAL EXAMINATION FORM PAGE 1/1

SITE NAME: DNSC DEPOT @ POINT PLEASANT, WV

POINT OF CONTACT (POC): DAVE TAYLOR, SWPPC LEADER

PHONE NUMBER: 304-675-3410

INSPECTING PERSONNEL: JOHN DERENZIS QUALITY ASSURANCE
Name Title

OUTFALL #1

Name Title

BI-ANNUAL INSPECTION PERFORMED: ✓ 1ST (JANUARY – JUNE)
✓ 2ND (JULY – DECEMBER)

DATE/TIME OF INSPECTION: DEC 13, 2001 1515
DATE TIME

DIRECTIONS: USE A GLASS JAR TO COLLECT A GRAB SAMPLE OF STORM WATER RUNOFF FROM DESIGNATED SWPPP SITE OUTFALLS DURING THE FIRST 30 MINUTES (OR AS SOON THEREAFTER AS PRACTICAL, BUT NOT TO EXCEED 60 MINUTES) OF WHEN RUNOFF BEGINS DISCHARGING. PROVIDE NOTES ON THE FOLLOWING CHARACTERISTICS OF THE RUNOFF.

1. COLOR CLEAR

2. ODOR NONE

3. CLARITY CLEAR

4. SETTLED SOLIDS MINIMAL

5. SUSPENDED SOLIDS NONE

6. PRESENCE OF: NO FLOATING SOLIDS
NO OIL SHEEN
NO FOAM
NO OTHER POLLUTANT INDICATOR (TYPE - _____)

7. ADDITIONAL NOTES _____

SIGNATURE/DATE OF INSPECTING PERSONNEL: DEC 13, 2001

STORM WATER VISUAL EXAMINATION FORM PAGE 1/1

SITE NAME: DNSC DEPOT @ POINT PLEASANT, WV

POINT OF CONTACT (POC): DAVE TAYLOR, SWPPC LEADER

PHONE NUMBER: 304-675-3410

INSPECTING PERSONNEL: JOHN DERENZIS QUALITY ASSURANCE
Name Title

OUTFALL #2

Name Title

BI-ANNUAL INSPECTION PERFORMED: 1ST (JANUARY – JUNE)
✓ 2ND (JULY – DECEMBER)

DATE/TIME OF INSPECTION: DEC 13, 2001 CA. 1520
DATE TIME

DIRECTIONS: USE A GLASS JAR TO COLLECT A GRAB SAMPLE OF STORM WATER RUNOFF FROM DESIGNATED SWPPP SITE OUTFALLS DURING THE FIRST 30 MINUTES (OR AS SOON THEREAFTER AS PRACTICAL, BUT NOT TO EXCEED 60 MINUTES) OF WHEN RUNOFF BEGINS DISCHARGING. PROVIDE NOTES ON THE FOLLOWING CHARACTERISTICS OF THE RUNOFF.

1. COLOR CLEAR

2. ODOR NONE

3. CLARITY CLEAR

4. SETTLED SOLIDS MINIMAL

5. SUSPENDED SOLIDS NONE

6. PRESENCE OF: NO FLOATING SOLIDS
NO OIL SHEEN
NO FOAM
NO OTHER POLLUTANT INDICATOR (TYPE - _____)

7. ADDITIONAL NOTES _____

SIGNATURE/DATE OF INSPECTING PERSONNEL: _____ DEC 13, 2001

STORM WATER VISUAL EXAMINATION FORM PAGE 1/1

SITE NAME: DNSC DEPOT @ POINT PLEASANT, WV

POINT OF CONTACT (POC): DAVE TAYLOR, SWPPC LEADER

PHONE NUMBER: 304-675-3410

INSPECTING PERSONNEL: JOHN DERENZIS, QUALITY ASSURANCE
Name Title

OUTFALL #1

Name Title

BI-ANNUAL INSPECTION PERFORMED: ✓ 1ST (JANUARY – JUNE)
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DATE/TIME OF INSPECTION: DEC 13, 2001 1515
DATE TIME

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NO FOAM
NO OTHER POLLUTANT INDICATOR (TYPE - _____)

7. ADDITIONAL NOTES _____

SIGNATURE/DATE OF INSPECTING PERSONNEL: DEC 13, 2001

STORM WATER VISUAL EXAMINATION FORM PAGE 1/1

SITE NAME: DNSC DEPOT @ POINT PLEASANT, WV

POINT OF CONTACT (POC): DAVE TAYLOR, SWPPC LEADER

PHONE NUMBER: 304-675-3410

INSPECTING PERSONNEL: JOHN DERENZIS, QUALITY ASSURANCE
Name Title

OUTFALL #2

Name Title

BI-ANNUAL INSPECTION PERFORMED: 1ST (JANUARY – JUNE)
✓ 2ND (JULY – DECEMBER)

DATE/TIME OF INSPECTION: DEC 13, 2001 CA. 1520
DATE TIME

DIRECTIONS: USE A GLASS JAR TO COLLECT A GRAB SAMPLE OF STORM WATER RUNOFF FROM DESIGNATED SWPPP SITE OUTFALLS DURING THE FIRST 30 MINUTES (OR AS SOON THEREAFTER AS PRACTICAL, BUT NOT TO EXCEED 60 MINUTES) OF WHEN RUNOFF BEGINS DISCHARGING. PROVIDE NOTES ON THE FOLLOWING CHARACTERISTICS OF THE RUNOFF.

1. COLOR CLEAR

2. ODOR NONE

3. CLARITY CLEAR

4. SETTLED SOLIDS MINIMAL

5. SUSPENDED SOLIDS NONE

6. PRESENCE OF: NO FLOATING SOLIDS
NO OIL SHEEN
NO FOAM
NO OTHER POLLUTANT INDICATOR (TYPE - _____)

7. ADDITIONAL NOTES _____

SIGNATURE/DATE OF INSPECTING PERSONNEL: DEC 13, 2001



12/03/2001 19:39 7174261476 DEF MAT STOCKPILE PAGE 28

STORM WATER VISUAL EXAMINATION FORM PAGE 1/1

SITE NAME: DNSC DEPOT @ POINT PLEASANT, WV

POINT OF CONTACT (POC): DAVE TAYLOR, SWPPC LEADER

PHONE NUMBER: 304-675-3410

INSPECTING PERSONNEL: JOHN DERENZIS, QUALITY ASSURANCE
Name Title

OUTFALL #3

Name Title

BI-ANNUAL INSPECTION PERFORMED:
1ST (JANUARY – JUNE)
✓ 2ND (JULY – DECEMBER)

DATE/TIME OF INSPECTION: DEC 13, 2001 ca. 1530
DATE TIME

DIRECTIONS: USE A GLASS JAR TO COLLECT A GRAB SAMPLE OF STORM WATER RUNOFF FROM DESIGNATED SWPPP SITE OUTFALLS DURING THE FIRST 30 MINUTES (OR AS SOON THEREAFTER AS PRACTICAL, BUT NOT TO EXCEED 60 MINUTES) OF WHEN RUNOFF BEGINS DISCHARGING. PROVIDE NOTES ON THE FOLLOWING CHARACTERISTICS OF THE RUNOFF.

1. COLOR CLEAR

2. ODOR NONE

3. CLARITY CLEAR

4. SETTLED SOLIDS MINIMAL

5. SUSPENDED SOLIDS MINIMAL

6. PRESENCE OF:
NO FLOATING SOLIDS
NO OIL SHEEN
NO FOAM
NO OTHER POLLUTANT INDICATOR (TYPE - _____)

7. ADDITIONAL NOTES _____

SIGNATURE/DATE OF INSPECTING PERSONNEL: DEC 13, 2001



12/03/2001 19:35 7174261476 DEP MAT STOCKPILE PAGE 29

**REI Consultants Inc.**

Date: 06-Jan-03

CLIENT: DNSC

Lab Order: 0212787

Project:

Site ID: WV0111457 WEST VIRGINIA

# Data Review

Approved: Ivan W. Leef - Inorganic Lab Manager 1-6-03 Date

Abbreviations: ND - Not Detected at the PQL or MDL
PQL - Practical Quantitation Limit
MDL - Minimum Detection Limit
NA - Not Applicable

Qualifiers: J - Analyte detected below PQL
S - Spike Recovery outside accepted recovery limits
E - Value above quantitation range
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

# REI Consultants Inc.

Date: 06-Jan-03

Client: DNSC
Client Sample ID: 002 OUTFALL 02
Project:
Site ID: WV0111457 WEST VIRGINIA

Lab Order: 0212787
Lab ID: 0212787-01A
Collection Date: 12/19/2002
Matrix: LIQUID

| Analyses | Result | Units | MDL | PQL | Qual | Date Analyzed | Analyst |
|---|---|---|---|---|---|---|---|
| **pH** | | E150.1 | | | | | |
| pH | 8.10 | SU | NA | NA | | 12/31/02 | DSA |
| **OIL and GREASE** | | E1664 | | | | | |
| Oil & Grease | ND | mg/L | NA | 5 | | 12/31/02 | JJ |
| **AMMONIA NITROGEN** | | E350.1 | | | | | |
| Nitrogen, Ammonia (As N) | ND | mg/L | NA | 0.10 | | 12/23/02 | JC |
| **CHEMICAL OXYGEN DEMAND** | | E410.4 | | | | | |
| Chemical Oxygen Demand | ND | mg/L | NA | 10 | | 12/30/02 | JJ |
| **TOTAL SUSPENDED SOLIDS** | | SM2540 D | | | | | |
| Total Suspended Solids | 10 | mg/L | 1 | 10 | | 12/23/02 | JJ |
| **BOD, 5 Day, 20°C** | | SM5210 B | | | | | |
| Biochemical Oxygen Demand | ND | mg/L | NA | 2 | | 12/25/02 | DSA |

Abbreviations: ND - Not Detected at the PQL or MDL
PQL - Practical Quantitation Limit
MDL - Minimum Detection Limit
NA - Not Applicable

Qualifiers: J - Analyte detected below PQL
S - Spike Recovery outside accepted recovery limits
E - Value above quantitation range
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

## REI Consultants Inc.

Date: 06-Jan-03

Client: DNSC
Client Sample ID: 003 OUTFALL 03
Project:
Site ID: WV0111457 WEST VIRGINIA

Lab Order: 0212787
Lab ID: 0212787-02A
Collection Date: 12/19/2002
Matrix: LIQUID

| Analyses | Result | Units | MDL | PQL | Qual | Date Analyzed | Analyst |
|---|---|---|---|---|---|---|---|
| **pH** | | E150.1 | | | | | |
| pH | 7.94 | SU | NA | NA | | 12/31/02 | DSA |
| **OIL and GREASE** | | E1664 | | | | | |
| Oil & Grease | ND | mg/L | NA | 5 | | 12/31/02 | JJ |
| **AMMONIA NITROGEN** | | E350.1 | | | | | |
| Nitrogen, Ammonia (As N) | ND | mg/L | NA | 0.10 | | 12/23/02 | JC |
| **CHEMICAL OXYGEN DEMAND** | | E410.4 | | | | | |
| Chemical Oxygen Demand | ND | mg/L | NA | 10 | | 12/30/02 | JJ |
| **TOTAL SUSPENDED SOLIDS** | | SM2540 D | | | | | |
| Total Suspended Solids | 4 | mg/L | 1 | 10 | J | 12/23/02 | JJ |
| **BOD, 5 Day, 20°C** | | SM5210 B | | | | | |
| Biochemical Oxygen Demand | ND | mg/L | NA | 2 | | 12/25/02 | DSA |

Abbreviations:
ND - Not Detected at the PQL or MDL
PQL - Practical Quantitation Limit
MDL - Minimum Detection Limit
NA - Not Applicable

Qualifiers:
J - Analyte detected below PQL
S - Spike Recovery outside accepted recovery limits
E - Value above quantitation range
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

REIC
RESEARCH ENVIRONMENTAL & INDUSTRIAL CONSULTANTS, INC.

Improving the environment, one client at a time...

225 Industrial Park Rd.
Post Office Box 286
Beaver, WV 25813
800.999.0105
304.255.2500 • 304.255.2572 (fax)
website: www.reiclabs.com

Member:

American Chemical Society

Association of Official Analytical Chemists

Petroleum Marketers Association

Rural Water Association

Mining & Reclamation Association

American Water Works Association

The Solid Waste Association of North America

West Virginia Manufacturers Association

Association of West Virginia Solid Waste Authorities

West Virginia Oil Marketers & Grocers Association

January 06, 2003

Mr. Cam Delhoste
DNSC
2601 MADISON AVE.
POINT PLEASANT, WV 25550
TEL:
FAX

RE: Order No.: 0212787

Dear Mr. Cam Delhoste,

REI Consultants Inc. received 2 samples on 12/20/2002 for the analyses presented in the following report.

If you have any questions regarding these results, please do not hesitate to call.

Sincerely,

Claude Scott
Vice President

12/19/02

CC:

**REI Consultants Inc.** Date: 06-Jan-03

CLIENT: DNSC
Project:
Lab Order: 0212787

## CASE NARRATIVE

The BOD was setup on 12-20-02 at 1:30 pm.

## REI Consultants Inc.

Date: 06-Jan-03

Client: DNSC
Client Sample ID: 002 OUTFALL 02
Project:
Site ID: WV0111457 WEST VIRGINIA

Lab Order: 0212787
Lab ID: 0212787-01A
Collection Date: 12/19/2002
Matrix: LIQUID

| Analyses | Result | Units | MDL | PQL | Qual | Date Analyzed | Analyst |
|---|---|---|---|---|---|---|---|
| **pH** | | E150.1 | | | | | |
| pH | 8.10 | SU | NA | NA | | 12/31/02 | DSA |
| **OIL and GREASE** | | E1664 | | | | | |
| Oil & Grease | ND | mg/L | NA | 5 | | 12/31/02 | JJ |
| **AMMONIA NITROGEN** | | E350.1 | | | | | |
| Nitrogen, Ammonia (As N) | ND | mg/L | NA | 0.10 | | 12/23/02 | JC |
| **CHEMICAL OXYGEN DEMAND** | | E410.4 | | | | | |
| Chemical Oxygen Demand | ND | mg/L | NA | 10 | | 12/30/02 | JJ |
| **TOTAL SUSPENDED SOLIDS** | | SM2540 D | | | | | |
| Total Suspended Solids | 10 | mg/L | 1 | 10 | | 12/23/02 | JJ |
| **BOD, 5 Day, 20°C** | | SM5210 B | | | | | |
| Biochemical Oxygen Demand | ND | mg/L | NA | 2 | | 12/25/02 | DSA |

Abbreviations:
ND - Not Detected at the PQL or MDL
PQL - Practical Quantitation Limit
MDL - Minimum Detection Limit
NA - Not Applicable

Qualifiers:
J - Analyte detected below PQL
S - Spike Recovery outside accepted recovery limits
E - Value above quantitation range
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level