MIL0002767

# INDUSTRIAL WASTEWATER PRETREATMENT MONITORING REPORT (IWPMR)

**Permittee:** Milbank Manufacturing Company, Incorporated **Discharge Period (Month):** March **Discharge Point:** 1

| Regulated Parameter: | | pH | As | Cd | Cr | Cu | Pb | Hg | Ni | Se | Ag | Zn | Mo | TTO | Phenol | Cn | O&G | TPH | $PO_4$ | CBOD | COD | TSS | $NH_3$-N |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Type: | | Grab | Comp | Comp | Comp | Comp | Comp | Comp | Comp | Comp | Comp | Comp | Comp | Grab | Grab | Grab | Grab | Grab | Comp | Comp | Comp | Comp | Comp |
| Local Discharge Limit: | | 6 — 10 | 0.03 | 0.02 | 2.0 | 0.6 | 0.1 | 0.003 | 0.8 | 0.10 | 0.24 | 1.25 | M & R | 2.13 | 0.5 | 0.5 | 100 | M & R | M & R | M & R | M & R | M & R | M & R |
| Analytical Method ID: | | | | | | | | | | | | | | | | | | | | | | | |
| Method Detection Limit (LLOD): | | | | | | | | | | | | | | | | | | | | | | | |
| Date | Flow (GPD) | s.u.'s | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L |
| 1 | 2959 | 7.23 | | | | | | | | | | | | | | | | | | | | | |
| 2 | 2204 | 7.18 | | | | | | | | | | | | | | | | | | | | | |
| 3 | 1746 | 7.24 | | | | | | | | | | | | | | | | | | | | | |
| 4 | 1979 | 7.03 | | | | | | | | | | | | | | | | | | | | | |
| 5 | 1811 | 7.46 | | | | | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | 11591 | 7.83 | | | | | | | | | | | | | | | | | | | | | |
| 9 | 1424 | 7.36 | | | | | | | | | | | | | | | | | | | | | |
| 10 | 1423 | 7.67 | | | | | | | | | | | | | | | | | | | | | |
| 11 | 1542 | 7.47 | | | | | | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | 3872 | 7.24 | | | | | | | | | | | | | | | | | | | | | |
| 16 | 2476 | 7.68 | | | | | | | | | | | | | | | | | | | | | |
| 17 | 3849 | 7.87 | | | | | | | | | | | | | | | | | | | | | |
| 18 | 1600 | 7.18 | | | | | | | | | | | | | | | | | | | | | |
| 19 | 1341 | 7.47 | | | | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | 2504 | 7.40 | | | | | | | | | | | | | | | | | | | | | |
| 23 | 1962 | 7.45 | | | | | | | | | | | | | | | | | | | | | |
| 24 | 1088 | 7.62 | | | | | | | | | | | | | | | | | | | | | |
| 25 | 1583 | 7.55 | | | | | | | | | | | | | | | | | | | | | |
| 26 | 1996 | 7.30 | | | | | | | | | | | | | | | | | | | | | |
| 27 | | | | | | | | | | | | | | | | | | | | | | | |
| 28 | | | | | | | | | | | | | | | | | | | | | | | |
| 29 | 2951 | 7.33 | | | | | | | | | | | | | | | | | | | | | |
| 30 | 1255 | 7.15 | | | | | | | | | | | | | | | | | | | | | |
| 31 | 1712 | 7.20 | | | | | | | | | | | | | | | | | | | | | |
| Mo. Average: | 2494 | | | | | | | | | | | | | | | | | | | | | | |
| High Value: | 11591 | 7.87 | | | | | | | | | | | | | | | | | | | | | |
| Low Value: | 1088 | 7.03 | | | | | | | | | | | | | | | | | | | | | |
| Total Flow: | 54868 | | | | | | | | | | | | | | | | | | | | | | |

**Indiana American Water - Total Gallons used 94,500**

ertify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personell properly gathered and evaluated the information submitted. Based on nquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware there are significant penalities for mitting false information, including the possibility of fine and imprisonment for knowing violations."

Larry E. Herling
ature of Responsible Party

Technical Service Manager
Title/Position

4/20/2010
Date

MIL0002768

# INDUSTRIAL WASTEWATER PRETREATMENT MONITORING REPORT (IWPMR)

**Permittee:** Milbank Manufacturing Company, Incorporated **Discharge Period (Month):** March **Discharge Point:** 2

| Regulated Parameter: | | pH | As | Cd | Cr | Cu | Pb | Hg | Ni | Se | Ag | Zn | Mo | TTO | Phenol | Cn | O&G | TPH | $PO_4$ | CBOD | COD | TSS | $NH_3$-N |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Type: | | Grab | Comp | Comp | Comp | Comp | Comp | Comp | Comp | Comp | Comp | Comp | Comp | Grab | Grab | Grab | Grab | Grab | Comp | Comp | Comp | Comp | Comp |
| Local Discharge Limit: | | 6—10 | 0.03 | 0.02 | 2.0 | 0.6 | 0.1 | 0.003 | 0.8 | 0.10 | 0.24 | 1.25 | M & R | 2.13 | 0.5 | 0.5 | 100 | M & R | M & R | M & R | M & R | M & R | M & R |
| Analytical Method ID: | | | | | | | | | | | | | | | | | | | | | | | |
| Method Detection Limit (LLOD): | | | | | | | | | | | | | | | | | | | | | | | |
| Date | Flow (GPD) | s.u.'s | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L |
| 1 | 640 | 8.93 | | | | | | | | | | | | | | | | | | | | | |
| 2 | 3280 | 9.25 | | | | | | | | | | | | | | | | | | | | | |
| 3 | 3550 | 9.05 | | | | | | | | | | | | | | | | | | | | | |
| 4 | 3420 | 9.02 | | <0.0010 | <0.0100 | 0.0995 | 0.00182 | | <0.0500 | | <0.0005 | <0.150 | 0.0129 | | | <0.0005 | <5.00 | <5.00 | <0.100 | 18.0 | 165 | 16.5 | 1.05 |
| 5 | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | 560 | 8.90 | | | | | | | | | | | | | | | | | | | | | |
| 9 | 2500 | 9.03 | | | | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | 1140 | 8.87 | | | | | | | | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | 3470 | 9.01 | | | | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | | | | | | | | | | | | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | 2580 | 9.97 | | | | | | | | | | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | | | | | | | | | | | | | | | | | | | | | | | |
| 27 | | | | | | | | | | | | | | | | | | | | | | | |
| 28 | | | | | | | | | | | | | | | | | | | | | | | |
| 29 | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | 1460 | 8.96 | | | | | | | | | | | | | | | | | | | | | |
| 31 | 2420 | 9.18 | | | | | | | | | | | | | | | | | | | | | |
| Mo. Average: | 2274.545455 | | | <0.0010 | <0.0100 | 0.0995 | 0.00182 | | <0.0500 | | <0.0005 | <0.150 | 0.0129 | | | <0.0005 | <5.00 | <5.00 | <0.100 | 18.0 | 165 | 16.5 | 1.05 |
| High Value: | 3550 | 9.97 | | <0.0010 | <0.0100 | 0.0995 | 0.00182 | | <0.0500 | | <0.0005 | <0.150 | 0.0129 | | | <0.0005 | <5.00 | <5.00 | <0.100 | 18.0 | 165 | 16.5 | 1.05 |
| Low Value: | 560 | 8.87 | | <0.0010 | <0.0100 | 0.0995 | 0.00182 | | <0.0500 | | <0.0005 | <0.150 | 0.0129 | | | <0.0005 | <5.00 | <5.00 | <0.100 | 18.0 | 165 | 16.5 | 1.05 |
| Total Flow: | 25020 | | | Indiana American Water - Total Gallons used 94,500 | | | | | | | | | | | | | | | | | | | |

rtify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personell properly gathered and evaluated the information submitted. Based on my ry of the person or persons who manage the system, or those persons directly responsible for gathering the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware there are significant penalities for submitting false mation, including the possibility of fine and imprisonment for knowing violations."

Larry E. Sterling
ature of Responsible Party

Technical Service Manager
Title/Position

4/20/2010
Date

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

4738 Gateway Circle Dayton, OH 45440 (800) 572-9839
339 W. Walton Blvd Pontiac, MI 48340 (800) 526-4951

March 12, 2010

Client:

Milbank Manufacturing, Inc.
1400 E. Havens St. PO Box 754
Kokomo, IN 46903-0754

Attn: Mr. David Kranz

Work Order: DTC0260
Project Name: Monthly Wastewater Analysis
Project Number: March 2010

Date Received: 03/05/10

**Samples logged in at Dayton laboratory.**

An executed copy of the Chain of Custody is also included as an addendum to this report.

If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at the number shown above.

| SAMPLE IDENTIFICATION | LAB NUMBER | COLLECTION DATE AND TIME |
|---|---|---|
| Composite | DTC0260-01 | 03/04/10 14:15 |
| Grab | DTC0260-02 | 03/04/10 13:00 |

*Reproduction of this analytical report is permitted only in its entirety. This report shall not be reproduced except in full without the written approval of the laboratory.*

*TestAmerica Laboratories, Inc. certifies that the analytical results contained herein apply only to the samples tested as received by our Laboratory.*

Report Approved By:

This report has been electronically signed.

**TestAmerica Dayton**
Deidre Taylor
Project Manager



MIL0002769

TESTAMERICA
THE LEADER IN ENVIRONMENTAL TESTING

4738 Gateway Circle Dayton, OH 45440 (800) 572-9839
339 W. Walton Blvd Pontiac, MI 48340 (800) 526-4951

Milbank Manufacturing, Inc.
1400 E. Havens St. PO Box 754
Kokomo, IN 46903-0754
Mr. David Kranz

Work Order: DTC0260
Project: Monthly Wastewater Analysis
Project Number: March 2010

Received: 03/05/10
Reported: 03/12/10 16:58

# ANALYTICAL REPORT

| Analyte | Sample Result | Data Qualifiers | Units | Rpt Limit | Dilution Factor | Date Analyzed | Analyst | Seq/ Batch | Method |
|---|---|---|---|---|---|---|---|---|---|
| **Sample ID: DTC0260-01 (Composite - Water - NonPotable)** | | | | | **Sampled: 03/04/10 14:15** | | **Recvd: 03/05/10 10:30** | | |
| General Chemistry Parameters | | | | | | | | | |
| **Carbonaceous BOD** | **18.0** | | mg/L | 4.00 | 1 | 03/05/10 21:10 | ARG | 10C0217 | SM18 5210B |
| Phosphorus, Total as P | <0.100 | | mg/L | 0.100 | 1 | 03/12/10 14:45 | EEH | 10C0429 | SM 4500P E |
| **Ammonia as N** | **1.05** | | mg/L | 0.300 | 1 | 03/10/10 12:05 | KKH | 10C0230 | EPA 350.1/SM18 4500NH3 B,H |
| **Chemical Oxygen Demand** | **165** | | mg/L | 50.0 | 1 | 03/09/10 14:00 | EEH | 10C0274 | EPA 410.4 |
| **Solids, Total Suspended** | **16.5** | | mg/L | 5.00 | 1 | 03/05/10 15:45 | jlb | 10C0210 | EPA 160.2/SM18 2540D |
| **Fluoride, Undistilled** | **0.149** | | mg/L | 0.0500 | 1 | 03/08/10 12:29 | DGR | 10C0256 | EPA 300.0 |
| Total/Total Recoverable Metals | | | | | | | | | |
| Cadmium | <0.00100 | | mg/L | 0.00100 | 5 | 03/09/10 05:12 | CAJ | 10C0197 | EPA 200.8 |
| Chromium | <0.0100 | | mg/L | 0.0100 | 5 | 03/09/10 05:12 | CAJ | 10C0197 | EPA 200.8 |
| **Copper** | **0.0995** | | mg/L | 0.00500 | 5 | 03/09/10 05:12 | CAJ | 10C0197 | EPA 200.8 |
| **Lead** | **0.00182** | | mg/L | 0.00100 | 5 | 03/09/10 05:12 | CAJ | 10C0197 | EPA 200.8 |
| **Molybdenum** | **12.9** | | ug/L | 1.00 | 5 | 03/09/10 05:12 | CAJ | 10C0197 | EPA 200.8 |
| Nickel | <0.0500 | | mg/L | 0.0500 | 5 | 03/09/10 05:12 | CAJ | 10C0197 | EPA 200.8 |
| Silver | <0.000500 | | mg/L | 0.000500 | 5 | 03/09/10 05:12 | CAJ | 10C0197 | EPA 200.8 |
| Zinc | <0.150 | | mg/L | 0.150 | 5 | 03/09/10 05:12 | CAJ | 10C0197 | EPA 200.8 |
| **Sample ID: DTC0260-02 (Grab - Water - NonPotable)** | | | | | **Sampled: 03/04/10 13:00** | | **Recvd: 03/05/10 10:30** | | |
| General Chemistry Parameters | | | | | | | | | |
| Oil & Grease | <5.00 | | mg/L | 5.00 | 1 | 03/08/10 07:40 | tad | 10C0203 | EPA 1664A |
| Cyanide, Total | <0.00500 | | mg/L | 0.00500 | 1 | 03/12/10 11:19 | RLM | 10C0333 | EPA 335.4 |
| Oil & Grease (HEM-SGT) | <5.00 | | mg/L | 5.00 | 1 | 03/09/10 07:45 | tad | 10C0205 | EPA 1664A |

| | | | | | |
|---|---|---|---|---|---|
| Milbank Manufacturing, Inc.<br>1400 E. Havens St. PO Box 754<br>Kokomo, IN 46903-0754<br>Mr. David Kranz | Work Order:<br>Project:<br>Project Number: | DTC0260<br>Monthly Wastewater Analysis<br>March 2010 | | Received:<br>Reported: | 03/05/10<br>03/12/10 16:58 |

## CERTIFICATION SUMMARY

*Any abnormalities or departures from sample acceptance policy shall be documented on the Chain of Custody and/or Case Narrative included with this report.*

*For information concerning certifications of this facility or another TestAmerica facility, please visit our website at www.TestAmericaInc.com*

*Samples collected by TestAmerica Field Services personnel are noted on the Chain of Custody (COC) .*

## DATA QUALIFIERS AND DEFINITIONS

## ADDITIONAL COMMENTS

Results are reported on a wet weight basis unless otherwise noted in the units.

## ANALYSIS LOCATIONS

The analyses listed below were analyzed in satellite facilities

DTC 0260

MIL0002772

# CHAIN OF CUSTODY

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Dayton Division
4738 Gateway Circle
Dayton Ohio 45440

Phone: 937-294-6856
Toll Free: 800-572-9839
Fax: 937-499-1249

Client Name: Milbank Manufacturing
Address: 1400 E. Havens St. PO Box 754
City/State/Zip: Kokomo, IN 46903-0754
Project Manager: David Krantz
Telephone Number: 765-452-5694 Fax No.:
Sampler Name: (Print) David Kranz
Sampler Signature: David Kranz

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?
State in which sampling occurred _____
Compliance Monitoring? Yes No
Enforcement Action? Yes No

Project: Monthly Waste Water Analysis
PO#
PM: Deidre Taylor

| Sample ID | Date Sampled | Time Sampled | No. of Containers Shipped | Grab | Composite | Field Filtered | Preservative: $HNO_3$ - 250 mL | HCl | NaOH - 250 mL | $H_2SO_4$ Plastic - 500 mL | $H_2SO_4$ Glass | Unpreserved - 1L | Other | Matrix: SOIL | WATER | Ammonia, Phosphorus | COD | cBOD | TSS | Metals (Ag, Cd, Cr, Cu Mo, Ni, Pb, Zn.) | Total Cyanide | Oil & Grease HEM | Oil & Grease HEM-SGT | Fluoride | RUSH TAT (Pre-Schedule) | RUSH Due Date | Standard 7-10 Business Days | Email Results | Electronic Deliverables | Comments / Matrix |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Composite | 3-4-10 | 2:15 | | | x | n | 1 | | | 1 | | 1 | | | | x | x | x | x | x | x | | | | x | | | x | | | | |
| Grab | 3-4-10 | 1:00 | 2 | x | | n | | | 1 | | 2 | | | | | | | | | | | x | x | x | | | | x | | | |

Special Instructions:

| Relinquished by: | Date | Time | Received by: | Date | Time |
|---|---|---|---|---|---|
| David Kranz | 3-4-10 | 2:15 | | | |
| Relinquished by: | Date | Time | Received by TestAmerica | Date | Time |
| | | | [signature] | 3-5-10 | 10:30 |

Laboratory Comments:

Temperature Upon Receipt:

VOCs Free of Headspace? Y N NA

Sample Containers Intact? Y N

THE LEADER IN ENVIRONMENTAL TESTING

# Cooler/Sample Receipt

☒ Short Hold

☐ Rush ☐24hr ☐2day ☐3day ☐5day ☐other _____

Work Order # DTC 0260

Receipt evaluation performed by - Initials: MA Date: 3.5.10 Time: 12:45

**Method of Shipment:**
- ☐ Walk-In Client
- ☐ TestAmerica Field/Courier
- ☐ Other Client/3rd Party Courier _____
- ☐ Fed Ex Tracking # 8705 7134 1253
- ☐ UPS Tracking # _____
- ☐ DHL Tracking # _____
- ☐ Other _____

**Shipping Container Type:**
- ☒ Cooler
- ☐ Box
- ☐ Other _____

**Custody Seals Intact:**
- ☒ Yes
- ☐ No
- ☐ N/A (not used or required)

**Packing Materials:**
- ☒ Plastic Bags
- ☒ Bubble Wrap
- ☐ Foam
- ☐ Paper
- ☐ Packing Peanuts
- ☐ Vermiculite
- ☐ Other _____

**Cooling Materials:**
- ☒ Ice *(solid)*
- ☐ Ice *(Melted)*
- ☐ Blue Ice
- ☐ Dry Ice
- ☐ None
- ☐ Other _____

**Are there any soil samples from areas requiring USDA quarantine?** *(AL, AR, AZ, CA, FL, GA, HI, ID, LA MS, NC, NM, NY, OK, SC, TN, TX, Puerto Rico, Virgin Islands, any other Non-Domestic area)*

☒ **No** ☐ **Yes** (If Yes, *Project Manager must be notified*).

**Receipt Temperatures**

**Check if Additional Sheets Required** ☐

| Thermometer ID | Observed (°C) | Corrected (°C) | Acceptable* | Direct from Field | Cooler ID | Note Affected Samples if temperature not acceptable |
|---|---|---|---|---|---|---|
| M | 1.9 | 2.9 | ☐Yes ☐No | ☐Yes ☐No | | |
| | | | ☐Yes ☐No | ☐Yes ☐No | | |
| | | | ☐Yes ☐No | ☐Yes ☐No | | |

* Samples out of temperature, but received directly from the field with signs that the cooling process had started are considered acceptable.

| Receipt Questions** | Y | N | n/a | "No" answers require additional comment |
|---|---|---|---|---|
| COC present & TA receipt signature, date, & time properly documented? | ✓ | | | |
| Containers in good condition? *(unbroken, not leaking, & appropriately filled)* | ✓ | | | |
| Appropriate containers used & adequate volume provided? | ✓ | | | |
| Correct preservation on the COC? | ✓ | | | |
| Number of sample containers match COC? | ✓ | | | |
| Samples received within hold time? | ✓ | | | |
| Samples submitted for GRO and Volatiles analyses (8260, 624, 524) received without headspace? | | | ✓ | |
| Was a Trip Blank received with VOA samples? | | | ✓ | |
| Was the COC free of all other discrepancies or issues that would need to be addressed with the Project Manager and/or Client? | ✓ | | | |

** May not be applicable if samples are not for compliance testing

**Client Contact Record**

**Contact via:** ☐ Phone ☐ Email ☐ Other _____ **Person Contacted:** _____ **Date/Time:** _____

☐ Discrepancy allowance agreement is on record in the client project file.

**Discussion/Resolution:**

***Any additional documentation and clarification from client must be noted in the narrative and/or scanned into the COC directory.***

3/5/10

Reviewed by PM Signature Date

Page 1 of 1

WI No. DT-SCA-WI-001.7
effective 02/09/10

MIL0002773

DATE: March 4, 2010

# MILBANK MANUFACTURING COMPANY

BEGINNING READING @ 6:00 AM 1976490

| TIME | METER READING | INITIAL |
|---|---|---|
| 6:30 | 1976630 | DK |
| 7:00 | 1976900 | DK |
| 7:30 | 1977080 | DK |
| 8:00 | 1977280 | DK |
| 8:30 | 1977500 | DK |
| 9:00 | 1977720 | DK |
| 9:30 | 1977930 | DK |
| 10:00 | 1978150 | DK |
| 10:30 | 1978360 | DK |
| 11:00 | 1978610 | DK |
| 11:30 | 1978820 | DK |
| 12:00 | 1979030 | DK |
| 12:30 | 1979230 | DK |
| 1:00 | 1979460 | DK |
| 1:30 | 1979650 | DK |
| 2:00 | 1979810 | DK |
| 2:15 | 1979910 | DK |
| | | |
| | | |
| | | |

| TABLE 1 | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Regulated Parameters** | **Notes** | **Most Protective Discharge Limitations Enforceable at Sampling Point #02** | | **Alternative Categorical Discharge Limitations Enforceable at Sampling Point #02** | | **Title V, Chapter 52 Discharge Limitations Enforceable at Sampling Points #01 and #02** | | **Monitoring Requirements** | |
| | | **Daily Maximum (mg / L)** | **Monthly Average (mg / L)** | **Daily Maximum (mg / L)** | **Monthly Average (mg / L)** | **Daily Maximum (mg / L)** | **Monthly Average (mg / L)** | **Frequency** | **Sample Type** |
| | | | | | | | | | |
| Arsenic | 10 | 0.0300 | - | - | - | 0.0300 | - | N/A | N/A |
| **Cadmium** | 2, 5, 6, 7, 9 | 0.0200 | 0.2600 | 0.6900 | 0.2600 | 0.0200 | - | 1 X Month | Composite |
| **Chromium** | 2, 5, 6, 7, 9 | 2.0000 | 1.7100 | 2.7700 | 1.7100 | 2.0000 | - | 1 X Month | Composite |
| **Copper** | 2, 5, 6, 7, 9 | 0.6000 | 2.0700 | 3.3800 | 2.0700 | 0.6000 | - | 1 X Month | Composite |
| **Cyanide** | 5, 6, 7, 9 | 0.5000 | 0.6500 | 1.2000 | 0.6500 | 0.5000 | - | 1 X Month | Grab |
| **Lead** | 2, 5, 6, 7, 9 | 0.1000 | 0.4300 | 0.6900 | 0.4300 | 0.1000 | - | 1 X Month | Composite |
| Mercury | 10 | 0.0030 | - | - | - | 0.0030 | - | N/A | N/A |
| **Nickel** | 2, 5, 6, 7, 9 | 0.8000 | 2.3800 | 3.9800 | 2.3800 | 0.8000 | - | 1 X Month | Composite |
| Selenium | 10 | 0.1000 | - | - | - | 0.1000 | - | N/A | N/A |
| **Silver** | 2, 5, 6, 7, 9 | 0.2400 | 0.2400 | 0.4300 | 0.2400 | 0.2400 | - | 1 X Month | Composite |
| **Zinc** | 2, 5, 6, 7, 9 | 1.2500 | 1.4800 | 2.6100 | 1.4800 | 1.2500 | - | 1 X Month | Composite |
| Molybdenum | 2, 5, 7, 9 | Monitor & Report | | - | - | Monitor & Report | | 1 X Month | Composite |
| Phosphorus | 2, 7, 9, 14 | Monitor & Report | | - | - | Monitor & Report | | 1 X Month | Composite |
| Fluoride | 2, 7, 9 | Monitor & Report | | - | - | Monitor & Report | | 1 X Month | Composite |
| **TTO** | 6, 7, 9 | 2.13 | - | 2.1300 | - | - | - | Semi-Annual | Grab |
| Phenols | 7, 9, 13 | 0.50 | - | - | - | 0.5000 | - | Semi-Annual | Grab |
| pH | 7, 8, 9 | 6-10 SUs | - | - | - | 6-10 SUs | - | Daily | Grab |
| O&G, Polar | 7, 9, 11, 12 | 100 | - | - | - | 100 | - | 1 X Month | Grab |
| O&G, Nonpolar | 7, 9, 11, 12 | Monitor & Report | | - | - | Monitor & Report | | 1 X Month | Grab |
| Flow | 1, 3, 7, 8, 9 | Monitor & Report | | - | - | Monitor & Report | | Daily | |
| $CBOD_5$ | 2, 4, 7, 9 | Monitor & Report | | - | - | Monitor & Report | | 1 X Month | Composite |
| COD | 2, 4, 7, 9 | Monitor & Report | | - | - | Monitor & Report | | 1 X Month | Composite |
| TSS | 2, 4, 7, 9 | Monitor & Report | | - | - | Monitor & Report | | 1 X Month | Composite |
| Ammonia-N | 2, 4, 7, 9 | Monitor & Report | | - | - | Monitor & Report | | 1 X Month | Composite |
| | | | | | | | | | |

- The above listed discharge limitations and monitoring requirements are minimum requirements necessary to achieve compliance. Nothing in this permit shall prevent MMCI from achieving discharge concentrations that are more protective/restrictive than the requirements of this table.



MIL0002775

# MILBANK MFG. DISCHARGE LOG
## SAMPLE POINT # 2

| DATE | START TIME | METER READING | STOP TIME | METER READING | COMMENTS/ MAINTENANCE |
|---|---|---|---|---|---|
| 3-1 | 1:30 | 1969020 | 3:15 | 1969660 | System |
| 3-2 | 6:15 | 1969660 | 2:20 | 1972940 | system |
| 3-3 | 6:00 | 1972940 | 2:00 | 1976490 | system |
| 3-4 | 6:00 | 1976490 | 2:15 | 1979910 | system (Testing) |
| 3-5 | 6:00 | 1979910 | 1:00 | 1979910 | Filter Press |
| 3-8 | 8:00 | 1979910 | 11:30 | 1979910 | Filter Press |
| 3-8 | 1:00 | 1979910 | 2:30 | 1980470 | System |
| 3-9 | 6:15 | 1980470 | 1:00 | 1982970 | System |
| 3-15 | 8:00 | 1982970 | 11:30 | 1984110 | System |
| 3-19 | 6:00 | 1984110 | 2:30 | 1987580 | System |
| 3-24 | 7:30 | 1987580 | 2:00 | 1990160 | System |
| 3-29 | 6:00 | 1990160 | 2:00 | 1990160 | Filter Press |
| 3-30 | 6:00 | 1990160 | 10:30 | 1990160 | Filter Press |
| 3-30 | 11:30 | 1990160 | 2:00 | 1991620 | System |
| 3-31 | 8:00 | 1991620 | 12:30 | 1994040 | System |
| | | 1994040 | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

MILBANK MFG. WASTEWATER TREATMENT PLANT
PH CALIBRATION/READING LOG SHEET

| TIME | DATE | BUFFER CHANGED? PH 4.00 | BUFFER CHANGED PH 10.00 | PROBE LOCATION | PROBE CLEANED | PH READING | PH CALIBRATION |
|---|---|---|---|---|---|---|---|
| 6:00 | 3-1 | Y | Y | NEUT 1 | Y | 4 + 10 | 4.00 - 10.00 |
| 6:00 | 3-1 | Y | Y | NEUT 2 | Y | 4 + 10 | 4.00 - 10.00 |
| 2:30 | 3-1 | Y | Y | FINAL | Y | 8.93 | 4.00 + 10.00 |
| 6:00 | 3-2 | Y | Y | NEUT 1 | Y | 4 + 10 | 4.00 - 10.00 |
| 6:00 | 3-2 | Y | Y | NEUT 2 | Y | 4 + 10 | 4.00 - 10.00 |
| 1:00 | 3-2 | Y | Y | FINAL | Y | 9.25 | 4.00 + 10.00 |
| 5:50 | 3-3 | Y | Y | NEUT 1 | Y | 4 + 10 | 4.00 - 10.00 |
| 5:50 | 3-3 | Y | Y | NEUT 2 | Y | 4 + 10 | 4.00 - 10.00 |
| 1:30 | 3-3 | Y | Y | FINAL | Y | 9.05 | 4.00 + 10.00 |
| 6:00 | 3-4 | Y | Y | NEUT 1 | Y | 4 + 10 | 4.00 - 10.00 |
| 6:00 | 3-4 | Y | Y | NEUT 2 | Y | 4 + 10 | 4.00 - 10.00 |
| 11:15 | 3-4 | Y | Y | FINAL | Y | 9.02 | 4.00 + 10.00 |
| 11:45 | 3-8 | Y | Y | NEUT 1 | Y | 4 + 10 | 4.00 - 10.00 |
| 11:45 | 3-8 | Y | Y | NEUT 2 | Y | 4 + 10 | 4.00 - 10.00 |
| 2:15 | 3-8 | Y | Y | FINAL | Y | 8.90 | 4.00 + 10.00 |
| 6:00 | 3-9 | Y | Y | NEUT 1 | Y | 4 + 10 | 4.00 - 10.00 |
| 6:00 | 3-9 | Y | Y | NEUT 2 | Y | 4 + 10 | 4.00 - 10.00 |
| 11:30 | 3-9 | Y | Y | FINAL | Y | 9.03 | 4.00 + 10.00 |
| 6:00 | 3-15 | Y | Y | NEUT 1 | Y | 4 + 10 | 4.00 - 10.00 |
| 6:00 | 3-15 | Y | Y | NEUT 2 | Y | 4 + 10 | 4.00 - 10.00 |
| 11:00 | 3-15 | Y | Y | FINAL | Y | 8.87 | 4.00 + 10.00 |
| 5:50 | 3-19 | Y | Y | NEUT 1 | Y | 4 + 10 | 4.00 - 10.00 |
| 5:50 | 3-19 | Y | Y | NEUT 2 | Y | 4 + 10 | 4.00 - 10.00 |
| 1:30 | 3-19 | Y | Y | FINAL | Y | 9.01 | 4.00 + 10.00 |
| 7:10 | 3-24 | Y | Y | NEUT 1 | Y | 4 + 10 | 4.00 - 10.00 |
| 7:10 | 3-24 | Y | Y | NEUT 2 | Y | 4 + 10 | 4.00 - 10.00 |
| 1:00 | 3-24 | Y | Y | FINAL | Y | 9.47 | 4.00 + 10.00 |
| 6:50 | 3-30 | Y | Y | NEUT 1 | Y | 4 + 10 | 4.00 - 10.00 |
| 6:50 | 3-30 | Y | Y | NEUT 2 | Y | 4 + 10 | 4.00 - 10.00 |
| 1:00 | 3-30 | Y | Y | FINAL | Y | 8.96 | 4.00 + 10.00 |
| 7:45 | 3-31 | Y | Y | NEUT 1 | Y | 4 + 10 | 4.00 - 10.00 |
| 7:45 | 3-31 | Y | Y | NEUT 2 | Y | 4 + 10 | 4.00 - 10.00 |
| 11:00 | 3-31 | Y | Y | FINAL | Y | 9.18 | 4.00 + 10.00 |
| | | Y | Y | NEUT 1 | Y | 4 + 10 | |
| | | Y | Y | NEUT 2 | Y | 4 + 10 | |
| | | Y | Y | FINAL | Y | | |
| | | Y | Y | NEUT 1 | Y | 4 + 10 | |
| | | Y | Y | NEUT 2 | Y | 4 + 10 | |
| | | Y | Y | FINAL | Y | | |
| | | Y | Y | NEUT 1 | Y | 4 + 10 | |
| | | Y | Y | NEUT 2 | Y | 4 + 10 | |
| | | Y | Y | FINAL | Y | | |

## Number 1 Station Flow meter and PH reading

**Year: 2010**

# Month: March

| | Previous Meter Reading | Current Meter Reading | Gallons Per Day | PH Reading |
|---|---|---|---|---|
| 1 | 5196166 | 5199125 | 2959 | 7.23 |
| 2 | 5199125 | 5201329 | 2204 | 7.18 |
| 3 | 5201329 | 5203075 | 1746 | 7.24 |
| 4 | 5203075 | 5205054 | 1979 | 7.03 |
| 5 | 5205054 | 5206865 | 1811 | 7.46 |
| 6 | | | | |
| 7 | | | | |
| 8 | 5206865 | 5218456 | 11591 | 7.83 |
| 9 | 5218456 | 5219880 | 1424 | 7.36 |
| 10 | 5219880 | 5221303 | 1423 | 7.67 |
| 11 | 5221303 | 5222845 | 1542 | 7.47 |
| 12 | Shut Down | Shut Down | Shut Down | Shut Down |
| 13 | | | | |
| 14 | | | | |
| 15 | 5222845 | 5226717 | 3872 | 7.24 |
| 16 | 5226717 | 5229193 | 2476 | 7.68 |
| 17 | 5229193 | 5233042 | 3849 | 7.87 |
| 18 | 5233042 | 5234642 | 1600 | 7.18 |
| 19 | 5234642 | 5235983 | 1341 | 7.47 |
| 20 | | | | |
| 21 | | | | |
| 22 | 5235983 | 5238487 | 2504 | 7.40 |
| 23 | 5238487 | 5240449 | 1962 | 7.45 |
| 24 | 5240449 | 5241537 | 1088 | 7.62 |
| 25 | 5241537 | 5243120 | 1583 | 7.55 |
| 26 | 5243120 | 5245116 | 1996 | 7.30 |
| 27 | | | | |
| 28 | | | | |
| 29 | 5245116 | 5248067 | 2951 | 7.33 |
| 30 | 5248067 | 5249322 | 1255 | 7.15 |
| 31 | 5249322 | 5251034 | 1712 | 7.20 |

54868 Total Gallons

**Indiana American Water**
PO Box 94551
Palatine IL 60094-4551

**For Service To:** 1005 Rank Pky

| | |
|---|---|
| ACCOUNT NUMBER | 10-0000029-7 |
| AMOUNT DUE | $443.79 |
| DUE DATE | May 03, 2010 |

Please return this portion with check
▼ Payable to the address below ▼

013993 1 MB 0.382 1993/13993/001993 058 1 PCKWW3

**MILBANK MFG CO INC**
PO BOX 419028
KANSAS CITY MO 64141-6028

**Indiana American Water**
PO Box 94551
Palatine IL 60094-4551

## Customer Account Information

**For Service To:** Milbank Mfg Co Inc
1005 Rank Pky
**Account Number:** 10-0000029-7
**Premise Number:** 10-0000018

## Billing Period & Meter Information

**Billing Date:** Apr 14, 2010
**Billing Period:** Mar 08 to Apr 09 (32 days)
**Next reading on/about:** May 10, 2010
**Rate Type:** Industrial

**Meter readings in current billing period:**

Meter Number 031697349A is a 2-inch meter.

| | |
|---|---|
| Present-actual | 14927 |
| Last-actual | 14801 |

Meter Number 085767514A is a 5/8-inch meter.

| | |
|---|---|
| Present-actual | 0 |
| Last-actual | 0 |
| 100 Cubic Feet used | 126 |

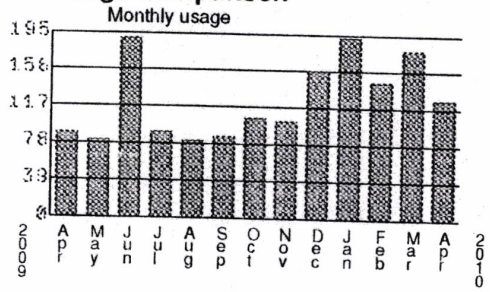
*1 cu. ft. equals 7.50 gallons*

| | |
|---|---|
| Gallons used | 94500 |

## Billing Summary

| | | |
|---|---|---|
| **----------Prior Balance----------** | | |
| *Balance from last bill* | | $562.60 |
| *Payments as of Apr 14, 2010. Thanks!* | | -562.60 |
| **Total prior balance, Apr 14, 2010** | | .00 |
| **----------Current Water Charges----------** | | |
| *Customer Service Charge* | | 102.80 |
| *Water Charge* | *($2.738500 x 20.00)* | 54.77 |
| | *($1.984000 x 106.00)* | 210.30 |
| **Total Use Billed** | *126.00* | 367.87 |
| **----------Other Current Charges----------** | | |
| *Pub F/S Surchg Mtr Kokomo* | | 26.33 |
| *Distrib System Improv Charge* | | 20.56 |
| **Total other charges, Apr 14, 2010** | | 46.89 |
| **----------Taxes----------** | | |
| *Indiana Gross Retail Tax* | | 29.03 |
| **Total taxes, Apr 14, 2010** | | 29.03 |
| **----------Total Current Charges----------** | | $443.79 |
| **----------TOTAL AMOUNT DUE----------** | | $443.79 |

## Water Usage Comparison




RECEIVED
APR 19 2010
MILBANK MFG

## Messages from Indiana American Water

* Save time by paying this bill online. At amwater.com/myh20, you can manage your account, pay your bill and more. Visit amwater.com/myh20 to learn more.
*Need to pay your bill in person? You may pay your bill at Marsh and your account will be credited the next

MIL0002779

**MILBANK MANURACTURING**
WASTEWATER TREATMENT PLANT
**CHEMICAL LOG**

| DATE | FERRIC CHLORIDE (42BE) | | CALCIUM CHLORIDE FLAKES (77%) | | Caustic Soda (50%) | | SULFURIC ACID (66BE) | | Wt-11 | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Gal Used | Gals Rec. | Gals Used | Gals Rec. | Gals Used. | Gals Rec. | Gals Used | Gals Rec. | Gals Used | Gals Rec. | |
| 3-1 | 4GAL | | 150# | | | | | | | | 10:20 |
| 3-1 | | | | | | | 4GAL | | | | 12:20 |
| 3-2 | | | | | 20GAL | | | | | | 9:55 |
| 3-2 | | | | | | | | | 4GAL | | 10:10 |
| 3-2 | | | | | | | 4GAL | | | | 12:20 |
| 3-3 | 4GAL | | 150# | | | | | | | | 6:00 |
| 3-3 | | | | | | | 4GAL | | | | 10:00 |
| 3-3 | | | | | 20GAL | | | | | | 10:15 |
| 3-4 | | | | | | | | | 4GAL | | 7:45 |
| 3-4 | | | | | | | 4GAL | | | | 11:00 |
| 3-10 | | | | | 20GAL | | | | | | 7:15 |
| 3-10 | 4GAL | | 150# | | | | | | ~~4GAL~~ | | 8:00 |
| 3-10 | | | | | | | | | 4GAL | | 12:30 |
| 3-10 | | | | | | | 4GAL | | | | 12:50 |
| 3-19 | | | | | 20GAL | | | | | | 6:00 |
| 3-19 | 4GAL | | 150# | | | | | | 4GAL | | 7:30 |
| 3-24 | | | | | | | 4GAL | | | | 7:30 |
| 3-24 | | | | | | | | | | | 7:40 |
| 3-24 | 4GAL | | 150# | | 20GAL | | | | | | 7:45 |
| 3-29 | | | | | | | | | | | 8:35 |
| 3-31 | 4GAL | | 150# | | | | | | 4GAL | | 8:15 |
| 3-31 | | | | | | | 4GAL | | | | 8:30 |
| 3-31 | | | | | | | | | | | 8:40 |

MARCH 10

Chemical Specialties

Marcus Bryant
913-661-0767

MIL0002781

## First Stage

| Date | Initial | Concentration Drops | Pressure | Temperature | pH | Replacements of Totes # | Clean Screens | Clean Nozzles | Comments |
|---|---|---|---|---|---|---|---|---|---|
| Ranges | | 10 – 12 | 15 – 25 | 105°–120° | 9.5 – 11.0 | Cleaner 419-C | Daily | Weekly | |
| 3-1 | | 14 | 15 | 111 | 10.60 | | | | |
| 2 | | 14 | 15 | 114 | 10.51 | | | | |
| 3 | | 14 | 15 | 106 | 10.50 | | | | |
| 4 | | 14 | 15 | 116 | 10.44 | | | | |
| 5 | | 14 | 15 | 118 | 10.48 | | | | |
| 8 | | 13 | 15 | 112 | 10.48 | | | | |
| 9 | | 12 | 15 | 108 | 10.45 | | | | |
| 10 | | 12 | 15 | 115 | 10.36 | | | | |
| 11 | | 11 | 15 | 118 | 10.50 | | | | |
| 12 | | DID NOT WORK SHUT DOWN | | | | | | | |
| 15 | | 7 | 15 | 120 | 10.24 | | | | HAD to Drain 1 down |
| 16 | | 9 | 15 | 120 | 10.45 | | | | |
| 17 | | 10 | 15 | 120 | 10.50 | | | | |
| 18 | | 10 | 15 | 118 | 10.42 | | | | |
| 19 | | 10 | 15 | 120 | 10.48 | | | | |
| 22 | | 9 | 15 | 114 | 10.67 | | | | |
| 23 | | 10 | 15 | 115 | 10.66 | | | | |
| 24 | | 10 | 15 | 112 | 10.49 | | | | |
| 25 | | 10 | 15 | 118 | 10.45 | | | | |
| 26 | | | NO WORK | | | | | | |
| 29 | | 9 | 15 | 117 | 10.69 | | | | Drain 2 |
| 30 | | 10 | 15 | 115 | 10.73 | | | | |
| 31 | | 10 | 15 | 110 | 10.56 | | | | Drain 2+4 |
| | | | | | | | | | |
| | | | | | | | | | |

Chemical Specialties

Marcus Bryant
913-661-0767

MIL0002782

## Third Stage

| Date | Initial | Concentration Drops | Pressure | Temperature | pH | Replacements of Totes # | Clean Screens | Clean Nozzles | Comments |
|---|---|---|---|---|---|---|---|---|---|
| Ranges | | 5 – 7 | 15 – 25 | 100°–110° | 4.0 – 5.5 | Paint Lok 595 | Daily | Weekly | |
| 3-1 | | 5 | 15 | 119 | 7.06 | | | | |
| 2 | | 5 | 15 | 116 | 6.95 | | | | |
| 3 | | 5 | 15 | 110 | 7.58 | | | | |
| 4 | | 5 | 15 | 110 | 7.31 | | | | |
| 5 | | 5 | 15 | 116 | 8.05 | | | | |
| 8 | | 5 | 15 | 120 | 7.36 | | | | |
| 9 | | 5 | 15 | 120 | 6.59 | | | | |
| 10 | | 5 | 15 | 112 | 7.04 | | | | |
| 11 | | 5 | 15 | 119 | 7.09 | | | | |
| 12 | | DID NOT WORK SHUT DOWN | | | | | | | |
| 15 | | 5 | 15 | 112 | 7.30 | | | | |
| 16 | | 5 | 15 | 115 | 7.51 | | | | |
| 17 | | 5 | 15 | 119 | 7.06 | | | | |
| 18 | | 5 | 15 | 117 | 7.25 | | | | |
| 19 | | 5 | 15 | 121 | 7.39 | | | | |
| 22 | | 5 | 15 | 120 | 7.44 | | | | |
| 23 | | 5 | 15 | 119 | 7.41 | | | | |
| 24 | | 5 | 15 | 117 | 7.07 | | | | |
| 25 | | 5 | 15 | 115 | 7.10 | | | | |
| ~~26~~ 29 | | 5 | 15 | 119 | 7.14 | | | | |
| 30 | | 5 | 15 | 116 | 7.23 | | | | |
| 31 | | 5 | 15 | 119 | 7.84 | | | | 2+4 |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

Chemical Specialties

Marcus Bryant
913-661-0767

MIL0002783

## Fifth Stage

| Date | Initial | Pressure | PH Stage 5 | Addition of Rinse 50 1 pint/4 hours of run time | | Conductivity of Stage 5 | Conductivity of Stage 2 | Conductivity of Stage 4 | Clean Screens | Clean Nozzles | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ranges | | 15 - 25 | 4.0 – 5.5 | AM | PM | < 2000uS | < 1500uS | < 1500uS | Daily | Weekly | |
| 3-1 | | 15 | 5.0 | | | 3.33 | 3.92 | 808 | | | |
| 2 | | 15 | 5.0 | | | 3.12 | 2.95 | 676 | | | |
| 3 | | 15 | 5.0 | | | 3.79 | 1143 | 756 | | | |
| 4 | | 15 | 5.0 | | | 3.78 | 1340 | 872 | | | |
| 5 | | 15 | 5.0 | | | 4.23 | 2.53 | 899 | | | |
| 8 | | 15 | 5.0 | | | 3.79 | 3.01 | 945 | | | |
| 9 | | 15 | 5.0 | | | 3.43 | 3.63 | 1042 | | | |
| 10 | | 15 | 5.0 | | | 3.67 | 1.92 | 654 | | | |
| 11 | | 15 | 5.0 | | | 3.79 | 2.77 | 956 | | | |
| 12 | | | | DID | NOT | WORK | SHUT | DOWN | | | |
| 15 | | 15 | 5.0 | | | 4.46 | 984 | 764 | | | |
| 16 | | 15 | 5.0 | | | 3.58 | 1078 | 765 | | | |
| 17 | | 15 | 5.0 | | | 3.68 | 1310 | 850 | | | |
| 18 | | 15 | 5.0 | | | 3.49 | 1376 | 879 | | | |
| 19 | | 15 | 5.0 | | | 3.86 | 1299 | 763 | | | |
| 22 | | 15 | 5.0 | | | 3.70 | 2.05 | 809 | | | 2+4 |
| 23 | | 15 | 5.0 | | | 3.28 | 1097 | 967 | | | ↓ |
| 24 | | 15 | 5.0 | | | 3.66 | 1049 | 855 | | | |
| 25 | | 15 | 5.1 | | | 3.55 | 1040 | 876 | | | |
| 26 | | ~~15~~ | 5. | | | | | | | | |
| 29 | | 15 | 5.0 | | | 3.85 | 2.03 | 817 | | | |
| 30 | | 15 | 5.0 | | | 3.74 | 1011 | 845 | | | 2+4 |
| 31 | | 15 | 5.0 | | | 4.03 | 932 | 775 | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |