INDUSTRIAL WASTEWATER PRETREATMENT MONITORING REPORT (IWPMR)

Permittee: Milbank Manufacturing Company, Incorporated **Discharge Period (Month):** July **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																							
2	1000	9.33																					
3																							
4																							
5																							
6																							
7																							
8																							
9																							
10																							
11																							
12	1110	9.06																					
13																							
14																							
15																							
16	750	9.16																					
17	2640	9.27																					
18	1260	9.43																					
19	2280	9.23		<.0020	<.0100	0.0587	<0.0179		<0.0949		<0.0010	0.348	0.0268			<0.0050	<5.00	<5.00	0.187	15.00	379	35.00	4.77
20																							
21																							
22																							
23																							
24																							
25																							
26																							
27	770	9.16																					
28																							
29																							
30																							
31	1720	9.05																					
Mo. Average:	1441.25			<.0020	<.0100	0.0587	<0.0179		<0.0949		<0.0010	0.348	0.0268			<0.0050	<5.00	<5.00	0.187	15.00	379	35.00	4.77
High Value:	2640	9.43		<.0020	<.0100	0.0587	<0.0179		<0.0949		<0.0010	0.348	0.0268			<0.0050	<5.00	<5.00	0.187	15.00	379	35.00	4.77
Low Value:	750	9.05		<.0020	<.0100	0.0587	<0.0179		<0.0949		<0.0010	0.348	0.0268			<0.0050	<5.00	<5.00	0.187	15.00	379	35.00	4.77
Total Flow:	11530																						

"I certify 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 inquiry 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 information, including the possibility of fine and imprisonment for knowing violations."

Larry Sterling
Signature of Responsible Party

Technical Service Manager
Title/Position

8/22/07
Date

TestAmerica
ANALYTICAL TESTING CORPORATION

3601 South Dixie Drive Dayton, OH 45439 (800) 572-9839
6964 Hillsdale Court Indianapolis, IN 46250 (800) 485-0204
339 W. Walton Blvd Pontiac, MI 48340 (800) 526-4951

August 01, 2007

Client:

MILBANK MANUFACTURING INC
1400 E. Havens St.
Kokomo, IN 46901-3188

Attn: Mr. David Kranz

Work Order: DQG1251
Project Name: Monthly / Semi Annual Wastewater
Project Number: Monthly / Semi Annual Wastewater

Date Received: 07/21/07

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	DQG1251-01	07/20/07 11:00
Grab	DQG1251-02	07/20/07 11:00

Samples were received into laboratory at a temperature of 5.6 °C.
Most environmental analytical testing methods require samples to be shipped above freezing, with temperatures not to exceed 6 degrees C. If sample temperatures are outside of this temperature range at the time of sample receipt, results may be impacted.

Indiana Certification Number: C-OH-10

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 Analytical Testing Corporation 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
Deb Lowe For Jeff Ramey
Project Manager

TestAmerica
ANALYTICAL TESTING CORPORATION

3601 South Dixie Drive Dayton, OH 45439 (800) 572-9839
6964 Hillsdale Court Indianapolis, IN 46250 (800) 485-0204
339 W. Walton Blvd Pontiac, MI 48340 (800) 526-4951

MILBANK MANUFACTURING INC	Work Order:	DQG1251		Received:	07/21/07
1400 E. Havens St.	Project:	Monthly / Semi Annual Wastewater		Reported:	08/01/07 18:10
Kokomo, IN 46901-3188	Project Number:	Monthly / Semi Annual Wastewater			
Mr. David Kranz					

ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Rpt Limit	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: DQG1251-01 (Composite - Water - NonPotable)					**Sampled: 07/20/07 11:00**		**Recvd: 07/21/07 08:30**		
General Chemistry Parameters									
Carbonaceous BOD	**15.0**		mg/L	4.00	1	07/26/07 12:30	ARG	7071155	SM18 5210B
Phosphorus, Total as P	**0.187**		mg/L	0.100	1	07/31/07 17:00	EEM	7071664	EPA 365.2/SM18 4500P E
Ammonia as N	**4.77**		mg/L	1.20	4	08/01/07 08:52	KKH	7071532	EPA 350.1/SM18 4500NH3 B,H
Chemical Oxygen Demand	**379**		mg/L	50.0	1	07/27/07 14:45	eem	7071520	EPA 410.4
Solids, Total Suspended	**35.0**		mg/L	5.00	1	07/26/07 10:00	SLP	7071426	EPA 160.2/SM18 2540D
Total Metals									
Cadmium	<2.00	RL1	ug/L	2.00	10	07/25/07 22:59	DAT	7071290	EPA 200.8
Chromium	<10.0	RL1	ug/L	10.0	10	07/25/07 22:59	DAT	7071290	EPA 200.8
Copper	**58.7**	RL1	ug/L	10.0	10	07/25/07 22:59	DAT	7071290	EPA 200.8
Lead	**17.9**	RL1	ug/L	2.00	10	07/25/07 22:59	DAT	7071290	EPA 200.8
Molybdenum	**26.8**	RL1	ug/L	2.00	10	07/25/07 22:59	DAT	7071290	EPA 200.8
Nickel	**94.9**	RL1	ug/L	10.0	10	07/25/07 22:59	DAT	7071290	EPA 200.8
Silver	<1.00	RL1	ug/L	1.00	10	07/25/07 22:59	DAT	7071290	EPA 200.8
Zinc	**348**	RL1, B8	ug/L	40.0	10	07/25/07 22:59	DAT	7071290	EPA 200.8
Sample ID: DQG1251-02 (Grab - Water - NonPotable)					**Sampled: 07/20/07 11:00**		**Recvd: 07/21/07 08:30**		
General Chemistry Parameters									
Oil & Grease	<5.00		mg/L	5.00	1	07/24/07 09:30	OA	7071295	EPA 1664
Cyanide, Total	<0.00500		mg/L	0.00500	1	07/26/07 16:00	RLM	7071261	EPA 335.2
Oil & Grease (HEM-SGT)	<5.00		mg/L	5.00	1	07/25/07 12:30	OA	7071307	EPA 1664

TestAmerica
ANALYTICAL TESTING CORPORATION

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6964 Hillsdale Court Indianapolis, IN 46250 (800) 485-0204
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MILBANK MANUFACTURING INC	Work Order:	DQG1251	Received:	07/21/07
1400 E. Havens St.	Project:	Monthly / Semi Annual Wastewater	Reported:	08/01/07 18:10
Kokomo, IN 46901-3188	Project Number:	Monthly / Semi Annual Wastewater		
Mr. David Kranz				

CERTIFICATION SUMMARY

TestAmerica - Dayton, OH

Method	Matrix	Nelac	Indiana
EPA 160.2/SM18 2540D	Water - NonPotable		
EPA 1664	Water - NonPotable		
EPA 200.8	Water - NonPotable		
EPA 335.2	Water - NonPotable		
EPA 350.1/SM18 4500NH3 B,H	Water - NonPotable		
EPA 365.2/SM18 4500P E	Water - NonPotable		
EPA 410.4	Water - NonPotable		
SM18 5210B	Water - NonPotable		

Any abnormalities or departures from sample acceptance policy shall be documented on the 'Sample Receipt and Termperature Log Form' and 'Sample Non-conformance Form' (if applicable) 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

B8	Analyte was detected in the associated Method Blank within 10% of the reporting limit.
RL1	Reporting limit raised due to sample matrix effects.

ADDITIONAL COMMENTS

ANALYSIS LOCATIONS

The analyses listed below were analyzed in satellite facilities

TestAmerica

DQG1251

TestAmerica INCORPORATED

Indianapolis Division
6964 Hillsdale Court
Indianapolis, IN 46250

Phone: 317-842-4261
Fax: 317-842-4286

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?
Compliance Monitoring _____

Client Name: Milbank Client #: 64972
Address: 1400 E. Havens St.
City/State/Zip Code: Kokomo, IN 46901-3188
Project Manager: David Krantz
Telephone Number: 765-452-5694 Fax: 765-452-8361
Sampler Name: (Print Name) WES CHEW
Sampler Signature: Wes Chew

Project Name: Monthly wastewater
Project #:
Site/Location ID: State: IN
Report To: David Krantz
Invoice To:
Quote # PO#

TAT
___ Standard
___ Rush (surcharges may apply)
Date Needed: _____
Fax Results: Y N

QC Deliverables
___ None
___ Level 2 (Batch QC)
___ Level 3
___ Level 4
Other: _____

SAMPLE ID	Date Sampled	Time Sampled	G=Grab, C=Composite	Field Filtered	Matrix (SL-Sludge DW-Drinking Water GW-Groundwater S-Soil/Solid WW-Wastewater Specify Other)	Preservation & # of Containers: HNO_3	HCl	NaOH	H_2SO_4	Methanol	None	Other (Specify)	Analyze For: Cd, Cr, Cu, Pb, Ni, Ag, Zn, Mo	T. Phosphorus, Ammonia, COD	CBOD, TSS	Cyanide	O+G	O+G Hydrocarbon					REMARKS
Composite	7-20-07	11:00											X	X	X								
Grab	7-20-07	11:00						↑	↑							X	X						

Special Instructions:

LABORATORY COMMENTS:
Init Lab Temp:
Rec Lab Temp: 5.6C
Custody Seals: Y (N) N/A
Bottles Supplied by Test America: (Y) N
Method of Shipment: TA

	Date:	Time:		Date:	Time:
Relinquished By: Wes Chew	7-20-07		Received By: Rachel Weeks	7/21/07	8:30
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date:	Time:

MIL0001560

MIL000156 1

TestAmerica
ANALYTICAL TESTING CORPORATION
3601 South Dixie Drive • Dayton, OH 45439 • 937-294-6856 • Fax: 937-294-7816 • 800-572-9839

August 24, 2007

Milbank Manufactuing Inc.
1400 E. Havens St.
Kokomo, IN 46901

Dear David Krantz:

This letter is in reference to a sludge sample that you submitted to TestAmerica Analytical Testing Corporation for Total Toxic Organics analysis for the City of Kokomo compliance testing.
The sample was mailed to the Indianapolis service center at the end of July 2007. Wesley Chew, the Service Center Manager, remembers receiving it. He had some communication with you upon receipt of the sample to verify analyses needed and chain of custody. Unfortunately, the sample was misplaced in its transition from the service center to the laboratory in Dayton, Ohio. I apologize for any inconvenience this may have caused. Please contact Wes for another sample pick up and he will provide a chain of custody at that time so we can avoid confusion in the future.
Please let me know if you have any questions.

Sincerely,
TestAmerica Analytical Testing Corporation

Deborah L. Lowe
Laboratory Director - Dayton

INDUSTRIAL WASTEWATER PRETREATMENT MONITORING REPORT (IWPMR)

Permittee: Milbank Manufacturing Company, Incorporated **Discharge Period (Month):** July **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																							
2	3573	7.28																					
3	2101	7.13																					
4																							
5	2675	7.33																					
6	1817	7.38																					
7																							
8																							
9	1429	7.25																					
10	1707	7.44																					
11	2921	7.4																					
12	1705	7.35																					
13	1698	7.52																					
14																							
15																							
16	2947	7.38																					
17	5202	7.49																					
18	2609	7.43																					
19	1715	7.44																					
20	5150	7.46																					
21																							
22																							
23	2842	7.48																					
24	5969	7.25																					
25	14189	7.33																					
26	1641	7.27																					
27	9828	7.14																					
28																							
29																							
30	10527	7.24																					
31	11254	7.43																					
Mo. Average:	4452.333333																						
High Value:	14189	7.52																					
Low Value:	1429	7.13																					
Total Flow:	93499																						

TOTAL WATER bill 93,000Gal. FLUME PARTIALLY CLOGGED 20 – 31 OF JULY

"I certify 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 inquiry 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 information, including the possibility of fine and imprisonment for knowing violations."

ALL RESIDUE REMOVED FROM FLUME

Larry Sterling
Signature of Responsible Party

Technical Service Manager
Title/Position

8/22/07
Date

MIL0001562

MIL00015 63

Number 1 Station Flow meter and PH reading

Month

July-07

	Previous Meter Reading	Current Meter Reading	Gallons Per Day	PH Reading
1			0	
2	3014554	3018127	3573	7.28
3	3018127	3020228	2101	7.13
4			0	
5	3020228	3022903	2675	7.33
6	3022903	3024720	1817	7.38
7			0	
8			0	
9	3024720	3026149	1429	7.25
10	3026149	3027856	1707	7.44
11	3027856	3030777	2921	7.40
12	3030777	3032482	1705	7.35
13	3032482	3034180	1698	7.52
14			0	
15			0	
16	3034180	3037127	2947	7.38
17	3037127	3042329	5202	7.49
18	3042329	3044938	2609	7.43
19	3044938	3046653	1715	7.44
20	3046653	3051803	5150	7.46
21			0	
22			0	
23	3051803	3054645	2842	7.48
24	3054645	3060614	5969	7.25
25	3060614	3074803	14189	7.33
26	3074803	3076444	1641	7.27
27	3076444	3086272	9828	7.14
28			0	
29			0	
30	3086272	3096799	10527	7.24
31	3096799	3108053	11254	7.43

93499 Total Gallons

08/17/2007 13:42 18164100025 MILBANK MFG ACCT DEP PAGE 01/01

Larry - Stephanie

0001000000297000000000000037746014

Indiana American Water
PO BOX 578
ALTON, IL 62002-0578

For Service To: 1005 Rank Pky

ACCOUNT NUMBER	10-0000029-7
AMOUNT DUE	$377.46
DUE DATE	Aug 27, 2007

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

013077 1 MB 0.360 1077/13077/001077 047 1 PCCR5V
MILBANK MFG CO INC
PO BOX 419028
KANSAS CITY MO 64141-6028

Indiana American Water
PO Box 5127
Carol Stream, IL 60197-5127

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: Aug 10, 2007
Billing Period: Jul 06 to Aug 07 (32 days)
Next reading on/about: Sep 07, 2007
Rate Type: Industrial

Meter readings in current billing period:
Meter Number 031697349A is a 2-inch meter.

Present-actual	10906
Last-actual	10782

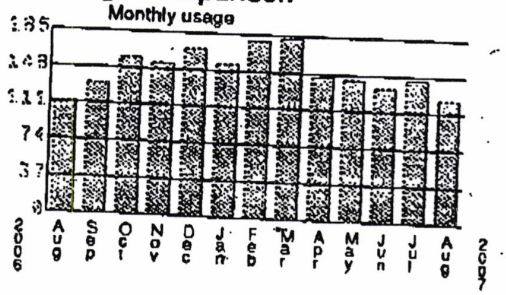
Meter Number 037146496A is a 5/8-inch meter.

Present-actual	0
Last-actual	0
100 Cubic Feet used	124
1 cu. ft. equals 7.50 gallons	
Gallons used	93000

Billing Summary

Prior Balance		
Balance from last bill		$418.23
Payments as of Aug 10, 2007. Thanks!		-418.23
Total prior balance, Aug 10, 2007		.00
Current Water Charges		
Customer Service Charge		92.01
Water Charge	*($2.451100 x 20.00)*	49.02
	($1.775800 x 104.00)	184.68
Total Use Billed	*124.00*	325.71
Other Current Charges		
Pub F/S Surchg Mtr Kokomo		23.57
Distrib System Improv Charge		6.82
Total other charges, Aug 10, 2007		30.39
Taxes		
Indiana Gross Retail Tax		21.36
Total taxes, Aug 10, 2007		21.36
Total Current Charges		$377.46
TOTAL AMOUNT DUE		$377.46

Water Usage Comparison



RECEIVED
AUG 17 2007
MILBANK MFG. CO

DATE: July 19th 2007

MILBANK MANUFACTURING COMPANY

BEGINNING READING @6:00 AM 1524580

TIME	METER READING	INITIAL
6:30	1524700	DK
7:00	1524860	DK
7:30	1524990	DK
8:00	1525150	DK
8:30	1525280	DK
9:00	1525400	DK
9:30	1525550	DK
10:00	1525710	DK
10:30	1525830	DK
11:00	1525980	DK
11:30	1526130	DK
12:00	1526280	DK
12:30	1526400	DK
1:00	1526550	DK
1:30	1526630	DK
2:00	1526710	DK
2:30	1526800	DKK

MIL0001566

PH

TABLE 1									
Regulated Parameters	**Notes**	**Most Protective Discharge Limitations Enforceable at Sampling Point #02**		**Alternative Categorical Discharge Limitations Enforceable at Sampling Point #02**		**Ordinance #6064 Discharge Limitations Enforceable at Sampling Point #01**		**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	0.03	-	-	-	0.03	-	N/A	N/A
Cadmium	2, 5, 6, 7, 9	0.02	0.26	0.69	0.26	0.02	-	1 X Month	Composite
Chromium	2, 5, 6, 7, 9	2.0	1.71	2.77	1.71	2.0	-	1 X Month	Composite
Copper	2, 5, 6, 7, 9	0.6	2.07	3.38	2.07	0.6	-	1 X Month	Composite
Cyanide	5, 6, 7, 9	0.5	0.65	1.20	0.65	0.5	-	1 X Month	Grab
Lead	2, 5, 6, 7, 9	0.1	0.43	0.69	0.43	0.1	-	1 X Month	Composite
Mercury	10	0.003	-	-	-	0.003	-	N/A	N/A
Nickel	2, 5, 6, 7, 9	0.8	2.38	3.98	2.38	0.8	-	1 X Month	Composite
Selenium	10	0.10	-	-	-	0.10	-	N/A	N/A
Silver	2, 5, 6, 7, 9	0.24	0.24	0.43	0.24	0.24	-	1 X Month	Composite
Zinc	2, 5, 6, 7, 9	1.25	1.48	2.61	1.48	1.25	-	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
TTO	6, 7, 9	2.13	-	2.13	-	2.13	-	Semi-Annual	Grab
Phenols	7, 9, 13	0.50	-	-	-	0.50	-	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.

MIL0001567

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.	
7-2					20GAL						10:30
7-10							4GAL				5:45
7-10	4GAL		150#								6:00
7-13					20GAL						9:20
7-13									4GAL		9:30
7-16							4-GAL				7:40
7-16	4GAL		150#								10:30
7-18							4GAL				6:15
7-18					20GAL						6:30
7-18	4GAL		150#								6:35
7-18									4GAL		6:40
7-27					20GAL						5:45
7-27	4GAL		150#								6:00
7-31							4GAL		4		6:00
7-31									4GAL		6:15
7-31					20GAL						12:55
7-31	4GAL		150#								1:15

MIL0001568

MILBANK MFG. DISCHARGE LOG
SAMPLE POINT # 2

DATE	START TIME	METER READING	STOP TIME	METER READING	COMMENTS/ MAINTENANCE
7-2	6:00	1517820	9:00	1518820	System
7-12	10:15	1518820	1:45	1519930	System
7-13	6:00	1519930	11:00	1519930	Filter press
7-16	7:45	1519930	11:00	1520680	System
7-17	6:00	1520680	2:00	1523320	System
7-18	6:20	1523320	10:40	1524580	System
7-19	6:10	1524580	2:30	1526860	System (Testing)
7-20	6:00	1526860	10:30	1526860	Filter Press
7-26	6:45	1526860	1:00	1526860	Filter Press
7-27	9:45	1526860	12:30	1527630	System
7-31	6:20	1527630	2:30	1529350	System
		1529350			System

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
5:45	7-2	Y	Y	NEUT 1	Y	4 + 10	4.03 10.00
5:45	7-2	Y	Y	NEUT 2	Y	4 + 10	4.02 9.99
8:00	7-2	Y	Y	FINAL	Y	9.33	4.00 + 10.00
6:10	7-12	Y	Y	NEUT 1	Y	4 + 10	4.03 10.01
6:10	7-12	Y	Y	NEUT 2	Y	4 + 10	4.00 10.01
12:30	7-12	Y	Y	FINAL	Y	9.06	4.00 + 10.00
~~5:00~~	~~7-13~~	Y	Y	NEUT 1	Y	4 + 10	~~4.03 10.0~~
~~5:00~~	~~7-13~~	Y	Y	NEUT 2	Y	4 + 10	~~4.02 9.98~~
~~[illegible]~~	~~7-13~~	Y	Y	FINAL	Y	—	~~4.00 + 10.00~~
6:15	7-16	Y	Y	NEUT 1	Y	4 + 10	4.02 - 10.01
6:15	7-16	Y	Y	NEUT 2	Y	4 + 10	4.02 - 10.00
9:45	7-16	Y	Y	FINAL	Y	9.16	4.00 + 10.00
5:50	7-17	Y	Y	NEUT 1	Y	4 + 10	4.00 - 10.02
5:50	7-17	Y	Y	NEUT 2	Y	4 + 10	3.99 - 10.00
1:00	7-17	Y	Y	FINAL	Y	9.27	4.00 + 10.00
6:10	7-18	Y	Y	NEUT 1	Y	4 + 10	4.00 10.00
6:10	7-18	Y	Y	NEUT 2	Y	4 + 10	3.97 10.00
9:30	7-18	Y	Y	FINAL	Y	9.43	4.00 + 10.00
5:50	7-19	Y	Y	NEUT 1	Y	4 + 10	4.03 10.00
5:50	7-19	Y	Y	NEUT 2	Y	4 + 10	4.03 9.98
12:30	7-19	Y	Y	FINAL	Y	9.23	4.00 + 10.00
6:00	7-27	Y	Y	NEUT 1	Y	4 + 10	4.00 - 10.03
6:00	7-27	Y	Y	NEUT 2	Y	4 + 10	4.00 - 10.01
11:30	7-27	Y	Y	FINAL	Y	9.16	4.00 + 10.00
5:50	7-31	Y	Y	NEUT 1	Y	4 + 10	4.04 - 10.00
5:50	7-31	Y	Y	NEUT 2	Y	4 + 10	4.04 - 9.99
2:00	7-31	Y	Y	FINAL	Y	9.05	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		
		Y	Y	NEUT 1	Y	4 + 10	
		Y	Y	NEUT 2	Y	4 + 10	
		Y	Y	FINAL	Y		

MIL0001569

st Stage

Chemical Specialties

Marcus Bryant
913-661-0767

te	Initial	Concentration	Pressure	Temperature	pH	Replacements of drums	Clean Screens	Clean Nozzles	Comments
Ranges		1.60 –2.00	15 – 25	115°–130°	9.5 – 11.0	Cleaner 419-C	Daily	Weekly	
3	TS	11	15	125	10.15				
2	RA	10	12	116	10.15				
	TS	11	15	124	10.16				
2	TS	11	13	123	10.16				
3	TS	11	15	124	10.12				
	TS	10	15	125	10.10				
	TS	11	15	122	10.14				
5	TS	10	15	124	10.14				
7	TS	10	15	124	10.16				
	TS	11	15	118	10.20				
	RA	11	15	124	10.13				

MIL0001570

Chemical Specialties

Marcus Bryant
913-661-0767

ird Stage

ate	Initial	Concentration	Pressure	Temperature	pH	Replacements of drums	Clean Screens	Clean Nozzles	Comments
Ranges		1.65 – 2.31	15 – 25	110°–130°	4.0 – 5.5	Paint Lok 595	Daily	Weekly	
3	TS	7	15	125	6.05				
2	RA	7	14	114	6.28				
1	TS	8	15	124	6.46				
–	TS	8	13	123	6.60				
3	TS	8	15	124	6.63				
	TS	7	15	125	6.15				
3	TS	6	15	122	6.16				
5	TS	7	15	124	6.65				
2	TS	6	15	124	7.22				
1	TS	7	15	118	7.85				
1	RA	6	15	120	7.35				

MIL0001571

Chemical Specialties

Marcus Bryant
913-661-0767

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	
7-3	TS	15	5.9			1234	2.05	834			
7/6	RA	15	5.8			1296	3.53	8.36			
7/9	TS	15	5.1			1713	3.79	1229			
7/12	TS	13	5.6			1395	5.74	1512			
7-13	TS	15	5.8			1271	1464	1435			Tank 2
7/16	TS	15	6.0			1222	2.41	~~2.41~~ 1402			Tanks 2 & 4 (17T3)
7-18	TS	15	5.9			1173	869	618			Tanks 2 & 4
7-29	TS	15	5.7			1216	4.16	965			
7-22	TS	15	5.5			1261	4.85	1150			Tanks 2
7-30	TS	15	5.6			1266	1026	1106			Tank 4,
7-31											
7-31	RA	15	5.6			1261	8.70	1110			

MIL0001572