MIL0001774

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																							
2																							
3	3157	8.03																					
4	1647	8.12																					
5	2414	8.19																					
6	2206	7.94																					
7	1225	7.97																					
8																							
9																							
10	2593	7.93																					
11	3047	8.07																					
12	1679	8.14																					
13	1887	8.11																					
14	1606	8.17																					
15																							
16																							
17	2821	8.13																					
18	1978	8.1																					
19	1391	8.13																					
20	2123	8.2																					
21		8.15																					
22																							
23																							
24	6049	8.07																					
25	1701	8.06																					
26	1209	8.11																					
27	1211	8.03																					
28	3210	7.97																					
29																							
30																							
31	3597	8.03																					
Mo. Average:	2337.55																						
High Value:	6049	8.20																					
Low Value:	1209	7.93																					
Total Flow:	46751																						

Total Utility Water Bill 84,000 Gal.

"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

4/22/08
Date

Number 1 Station Flow meter and PH reading

Month

March-08

	Previous Meter Reading	Current Meter Reading	Gallons Per Day	PH Reading
1				
2				
3	4027068	4030225	3157	8.03
4	4030225	4031872	1647	8.12
5	4031872	4034286	2414	8.19
6	4034286	4036492	2206	7.94
7	4036492	4037717	1225	7.97
8				
9				
10	4037717	4040310	2593	7.93
11	4040310	4043357	3047	8.07
12	4043357	4045036	1679	8.14
13	4045036	4046923	1887	8.11
14	4046923	4048529	1606	8.17
15				
16				
17	4048529	4051350	2821	8.13
18	4051350	4053328	1978	8.10
19	4053328	4054719	1391	8.13
20	4054719	4056842	2123	8.20
21	Good Friday			8.15
22				
23				
24	4056842	4062891	6049	8.07
25	4062891	4064592	1701	8.06
26	4064592	4065801	1209	8.11
27	4065801	4067012	1211	8.03
28	4067012	4070222	3210	7.97
29				
30				
31	4070222	4073819	3597	8.03

46751.00 Total Gallons

0001000000297000000000003893501 2

Indiana American Water
PO Box 94551
Palatine IL 60094-4551

RECEIVED
APR 14 2008
MILBANK MFG. CO.

For Service To: 1005 Rank Pky

ACCOUNT NUMBER	10-0000029-7
AMOUNT DUE	$389.35
DUE DATE	Apr 28, 2008

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

034180 1 MB 0.360 2180/34180/002180 107 1 PCEL4Y

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 10, 2008
Billing Period: Mar 06 to Apr 0[illegible]
Next reading on/about: May 06, 2008
Rate Type: Industrial

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

Present-actual	11930
Last-actual	11818

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

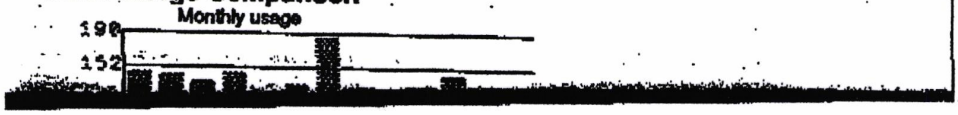
Present-actual	0
Last-actual	0
100 Cubic Feet used	112

1 cu. ft. equals 7.50 gallons
Gallons used 84000

Billing Summary

Prior Balance		
Balance from last bill		$386.31
Payments as of Apr 10, 2008. Thanks!		-386.31
Total prior balance, Apr 10, 2008		.00
Current Water Charges		
Customer Service Charge		102.80
Water Charge	*($2.738500 x 17.93)*	49.10
	($1.984000 x 82.48)	163.64
Water Charge	*($2.738500 x 2.07)*	5.67
	($1.984000 x 9.52)	18.89
Total Use Billed	*112.00*	340.10
Other Current Charges		
Pub F/S Surchg Mtr Kokomo		26.33
Distrib System Improv Charge		.88
Total other charges, Apr 10, 2008		27.21
Taxes		
Indiana Gross Retail Tax		22.04
Total taxes, Apr 10, 2008		22.04
Total Current Charges		$389.35
TOTAL AMOUNT DUE		$389.35

Water Usage Comparison



MIL0001777

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																							
2																							
3																							
4	1510	9.22																					
5	1540	9.15																					
6	2200	9.20																					
7	50	9.21		<.00100	<.00500	0.0571	0.0434		0.0437		<.00050	0.825	0.0168			<.0050	<5.00	<5.00	0.717	15.00	279	<5.00	5.03
8																							
9																							
10																							
11	230	9.10																					
12	1500	9.17																					
13	1330	9.23																					
14																							
15																							
16																							
17																							
18																							
19	580	9.24																					
20	1550	9.20																					
21																							
22																							
23																							
24																							
25																							
26	1620	9.22																					
27	1520	9.36																					
28																							
29																							
30																							
31																							
Mo. Average:	1239.090909			<.00100	<.00500	0.0571	0.0434		0.0437		<.00050	0.825	0.0168			<.0050	<5.00	<5.00	0.717	15.00	279	<5.00	5.03
High Value:	2200	9.36		<.00100	<.00500	0.0571	0.0434		0.0437		<.00050	0.825	0.0168			<.0050	<5.00	<5.00	0.717	15.00	279	<5.00	5.03
Low Value:	50	9.10		<.00100	<.00500	0.0571	0.0434		0.0437		<.00050	0.825	0.0168			<.0050	<5.00	<5.00	0.717	15.00	279	<5.00	5.03
Total Flow:	13630		Total Utility Water Bill 84,000 Gal.																				

"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

4/22/08
Date

TESTAMERICA
THE LEADER IN ENVIRONMENTAL TESTING

3601 South Dixie Drive Dayton, OH 45439 (800) 572-9839
339 W. Walton Blvd Pontiac, MI 48340 (800) 526-4951

March 18, 2008

Client:

Milbank Manufacturing, Inc.
1400 E. Havens St.
Kokomo, IN 46901-3188

Attn: Mr. David Kranz

Work Order: DRC0392
Project Name: MONTHLY WASTEWATER
Project Number: [none]

Date Received: 03/10/08

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	DRC0392-01	03/07/08 10:00
Grab	DRC0392-02	03/07/08 10:00

Samples were received into laboratory at a temperature of 2.2 °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.

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 Dayton
Deidre Taylor
Project Manager

TESTAMERICA
THE LEADER IN ENVIRONMENTAL TESTING

3601 South Dixie Drive Dayton, OH 45439 (800) 572-9839
339 W. Walton Blvd Pontiac, MI 48340 (800) 526-4951

Milbank Manufacturing, Inc. 1400 E. Havens St. Kokomo, IN 46901-3188 Mr. David Kranz	Work Order: DRC0392 Project: MONTHLY WASTEWATER Project Number: [none]	Received: 03/10/08 Reported: 03/18/08 09:12	

ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Rpt Limit	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: DRC0392-01 (Composite - Water - NonPotable)					**Sampled: 03/07/08 10:00**		**Recvd: 03/10/08 09:15**		
General Chemistry Parameters									
Carbonaceous BOD	**15.0**	H3, L4	mg/L	4.00	1	03/15/08 20:00	ARG	8030507	SM18 5210B
Phosphorus, Total as P	**0.717**		mg/L	0.100	1	03/14/08 15:55	EEM	8030622	EPA 365.2/SM18 4500P E
Ammonia as N	**5.03**		mg/L	3.00	10	03/13/08 16:04	KKH	8030409	EPA 350.1/SM18 4500NH3 B,H
Chemical Oxygen Demand	**279**		mg/L	100	1	03/14/08 20:00	ARG	8030659	Hach 8000
Solids, Total Suspended	<5.00		mg/L	5.00	1	03/11/08 14:59	JLB	8030437	EPA 160.2/SM18 2540D
Total Metals									
Cadmium	<0.00100		mg/L	0.00100	5	03/14/08 16:22	bmh	8030406	EPA 200.8
Chromium	<0.00500		mg/L	0.00500	5	03/14/08 16:22	bmh	8030406	EPA 200.8
Copper	**0.0571**		mg/L	0.00500	5	03/14/08 16:22	bmh	8030406	EPA 200.8
Lead	**0.0434**		mg/L	0.00100	5	03/14/08 16:22	bmh	8030406	EPA 200.8
Molybdenum	**0.0168**		mg/L	0.00100	5	03/14/08 16:22	bmh	8030406	EPA 200.8
Nickel	**0.0437**		mg/L	0.00500	5	03/14/08 16:22	bmh	8030406	EPA 200.8
Silver	<0.000500		mg/L	0.000500	5	03/14/08 16:22	bmh	8030406	EPA 200.8
Zinc	**0.825**	B8	mg/L	0.0200	5	03/14/08 16:22	bmh	8030406	EPA 200.8
Sample ID: DRC0392-02 (Grab - Water - NonPotable)					**Sampled: 03/07/08 10:00**		**Recvd: 03/10/08 09:15**		
General Chemistry Parameters									
Oil & Grease	<5.00		mg/L	5.00	1	03/12/08 10:15	SA	8030415	EPA 1664A
Cyanide, Total	<0.00500		mg/L	0.00500	1	03/12/08 14:34	KKH	8030417	EPA 335.4
Oil & Grease (HEM-SGT)	<5.00	ID6	mg/L	5.00	1	03/13/08 18:00	OA	8030416	EPA 1664A

Milbank Manufacturing, Inc. 1400 E. Havens St. Kokomo, IN 46901-3188 Mr. David Kranz	Work Order: Project: Project Number:	DRC0392 MONTHLY WASTEWATER [none]	Received: Reported:	03/10/08 03/18/08 09:12

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

B8	Analyte was detected in the associated Method Blank within 10% of the reporting limit.
H3	Sample was received and analyzed past holding time.
ID6	This analyte was reported as ND based on the "total" result of ND. No additional analysis was performed.
L4	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was below the acceptance limits. A low bias to sample results is indicated.

ADDITIONAL COMMENTS

ANALYSIS LOCATIONS

The analyses listed below were analyzed in satellite facilities

TestAmerica Dayton

DRC 0392

MIL0001781

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: WCC

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, MD 500	T. Phosphorus, 500 Ammonia, COD	CBOD, TSS IV	Cyanide 500	O+G XI	O+G Hydrocarbon MA 3.10.08					REMARKS
Composite	3-7-08	10:00											X	X	X								
Grab	3-7-08	10:00						1	1							X	X						

Special Instructions: 35 hours sampling

LABORATORY COMMENTS:
Init Lab Temp: 2.2°C
Rec Lab Temp:
Custody Seals: Y N N/A
Bottles Supplied by Test America: Y N
Method of Shipment: TA FX

Relinquished By	Date	Time	Received By	Date	Time
WCC	3-7-08	16:00			
			Monica [illegible]	3-10-08	9:15

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.

MIL0001782

DATE: march 6th 2008

MILBANK MANUFACTURING COMPANY

BEGINNING READING @ 7:00 AM 1632530

TIME	METER READING	INITIAL
7:30	1632650	DK
8:00	1632800	DK
8:30	1632920	DK
9:00	1633050	DK
9:30	1633180	DK
10:00	1633340	DK
10:30	1633480	DK
11:00	1633600	DK
11:30	1633710	DK
12:00	1633860	DK
12:30	1634000	DK
1:00	1634080	DK
1:30	1634230	DK
2:00	1634350	DK
2:30	1634510	DK
3:00	1634640	DK
3:30	1634730	DK

MILBANK MFG. DISCHARGE LOG
SAMPLE POINT # 2

DATE	START TIME	METER READING	STOP TIME	METER READING	COMMENTS/ MAINTENANCE
3-4	8:00	1629480	2:30	1630990	System
3-5	7:20	1630990	12:45	1632530	System
3-6	7:10	1632530	3:30	1634730	System testing
3-7	10:10	1634730	10:20	1634780	System
3-10	8:15	1634780	1:30	1634780	Filter Press
3-11	12:15	1634780	1:15	1635010	~~Filter Press~~ System
3-12	7:30	1635010	1:30	1636510	System
3-13	7:00	1636510	1:50	1637840	System
3-14	7:00	1637840	12:30	1637840	Filter Press
3-18	7:00	1637840	1:00	1637840	Filter Press
3-19	10:30	1637840	11:30	1638920	System
3-20	7:00	1638920	11:30	1639970	System
~~3-21~~	~~7:00~~	~~1639970~~	~~[illegible]~~		~~Filter Press~~
3-24	7:00	1639970	12:45	1639970	Filter Press
3-26	7:00	1639970	2:30	1641590	System
3-27	7:15	1641590	1:00	1643110	System
3-28	7:00	1643110		1643110	Filter Press
		1643110			

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
6:55	3-4	Y	Y	NEUT 1	Y	4 + 10	405 - 9.99
6:55	3-4	Y	Y	NEUT 2	Y	4 + 10	403 - 9.98
2:00	3-4	Y	Y	FINAL	Y	9.22	400 +10.00
7:00	3-5	Y	Y	NEUT 1	Y	4 + 10	403 - 10 00
7:00	3-5	Y	Y	NEUT 2	Y	4 + 10	9.03 - 1000
11:00	3-5	Y	Y	FINAL	Y	9.15	4.00 +10 00
6:55	3-6	Y	Y	NEUT 1	Y	4 + 10	4.00 1003
6:55	3-6	Y	Y	NEUT 2	Y	4 + 10	397 1002
11:00	3-6	Y	Y	FINAL	Y	9.20	400 +10.00
9:45	3-7	Y	Y	NEUT 1	Y	4 + 10	402 10.01
9:45	3-7	Y	Y	NEUT 2	Y	4 + 10	402 9.97
10:05	3-7	Y	Y	FINAL	Y	9.21	4.00 +10.00
10:15	3-11	Y	Y	NEUT 1	Y	4 + 10	403 10.00
10:15	3-11	Y	Y	NEUT 2	Y	4 + 10	4.00 9.99
1:00	3-11	Y	Y	FINAL	Y	9.10	4.00 + 10.00
2:00	3-12	Y	Y	NEUT 1	Y	4 + 10	4.00 10.01
7:00	3-12	Y	Y	NEUT 2	Y	4 + 10	397 10.00
1:00	3-12	Y	Y	FINAL	Y	9.17	4.00 +10.00
6:45	3-13	Y	Y	NEUT 1	Y	4 + 10	4.00 10.02
6:45	3-13	Y	Y	NEUT 2	Y	4 + 10	399 10.02
11:00	3-13	Y	Y	FINAL	Y	9.23	4.00 +10.00
7:30	3-19	Y	Y	NEUT 1	Y	4 + 10	401 10.03
7:30	3-19	Y	Y	NEUT 2	Y	4 + 10	4.00 10.03
11:00	3-19	Y	Y	FINAL	Y	9.24	4.00 +10.00
6:50	3-20	Y	Y	NEUT 1	Y	4 + 10	404 - 10.01
6:50	3-20	Y	Y	NEUT 2	Y	4 + 10	401 - 10.01
10:00	3-20	Y	Y	FINAL	Y	9.20	4.00 +10.00
6:50	3-26	Y	Y	NEUT 1	Y	4 + 10	4.01 10.02
6:50	3-26	Y	Y	NEUT 2	Y	4 + 10	397 10.00
12:30	3-26	Y	Y	FINAL	Y	9.22	4.00 +10.00
7:00	3-27	Y	Y	NEUT 1	Y	4 + 10	404 10.01
7:00	3-27	Y	Y	NEUT 2	Y	4 + 10	403 10.01
12:15	3-27	Y	Y	FINAL	Y	9.36	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		

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.	
3-4									4GAL		7:55
3-4	4GAL		150 #								12:50
3-6									4GAL		1:15
3-11					20GAL						10:55
3-11	4GAL		150 #								11:05
3-12							4GAL				11:00
3-19							4GAL				7:05
3-19					20GAL						7:15
3-19									4GAL		9:10
3-19	4GAL		158 #								12:15
3-26									4GAL		12:50
3-27	4GAL		150 #								11:00
3-31					20 GAL						1:30

Chemical Specialties

Marcus Bryant
913-661-0767

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	
3/3	RA	9	15	118	9.50				
3/4	RA	7	15	122	9.62				
3/5	RA	7	15	120	9.65				
3/6	RA	7	15	114	9.74				
3/7	RA	8	15	118	9.67				
3/10	TS	7	15	120	9.61				
3/11	TS	8	15	118	9.66				
3/12	TS	9	15	120	9.55				
3/13	TS	8	15	118	9.64				
3/14	TS	7	15	118	9.69				
3/17	RA	8	15	120	9.67				
3/18	RA	7	15	118	9.57				
19	RA	9	15	120	9.88				
24	[illegible]	8	15	115	9.83				
25	TS	7	15	118	9.81				
26	TS	8	15	120	9.76				
27	TS	7	15	120	9.89				
28	TS	8	15	120	9.77				
31	RA	7	15	120	9.77				
~~1~~	~~RA~~	~~8~~	~~15~~	~~114~~	~~9.71~~				

MIL0001787

Chemical Specialties

Marcus Bryant
913-661-0767

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	
3/3	RA	7	15	114	5.41				
3/4	RA	7	15	120	5.62				
3/5	RA	6	15	112	5.77				
3/6	RA	6	15	112	5.89				
3/7	RA	7	15	114	5.61				
3/10	TS	10	15	120	5.56				
3/11	TS	8	15	118	5.45				
3/12	TS	9	15	120	5.66				
3/13	TS	9	15	118	5.69				
3/14	TS	7	15	118	5.72				
3/17	RA	8	15	120	5.61				
18	RA	7	15	120	5.75				
19	RA	8	15	118	5.41				
24	TS	10	15	115	5.51				
25	TS	10	15	118	5.59				
26	TS	9	15	120	5.70				
27	TS	10	15	120	5.93				
28	TS	9	15	120	5.72				
31	RA	8	15	112	5.70				
~~1~~	~~RA~~	~~9~~	~~15~~	~~112~~	~~5.82~~				

MIL0001788

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	
3/3	RA	15	5.0			4.21	765	751			
3/4	RA	15	4.9			3.19	867	799			Tanks 2 & 4
3/5	RA	15	4.9			3.12	1130	745			Tanks 2 & 4
3/6	RA	15	4.9			3.17	880	690			Tanks 2 & 4
3/7	RA	15	4.9			3.10	912	750			
10	TS	15	4.9			3.24	1462	824			~~Tanks 2 & 4~~
11	TS	15	4.9			3.18	2.58	978			Tanks 2 & 4
12	TS	15	4.9			3.36	885	757			Tanks 2 & 4
13	TS	15	4.9			3.17	954	651			
14	TS	15	4.9			3.57	1129	664			
17	RA	15	4.9			3.51	1031	659			
18	RA	15	4.9			3.49	1145	671			Tanks 2 & 4
19	RA	15	4.9			3.51	1066	681			Tanks 2 & 4
24	TS	15	4.9			3.86	1175	675			
25	TS	15	5.0			3.50	1484	748			
26	TS	15	4.9			3.82	750	721			Tanks 2 & 4
27	TS	15	5.0			3.69	1076	647			Tanks 2 & 4
28	TS	15	5.0			3.83	1142	692			
31	RA	15	4.9			3.63	2.17	730			
~~1~~	~~RA~~	~~15~~	~~4.9~~			~~3.49~~	~~883~~	~~750~~			

MIL0001789