City of Kokomo
Kokomo Wastewater Treatment Plant
Pretreatment
1501 W. Markland Avenue
Kokomo, IN 46901

To Whom It May Concern:

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 personnel properly gather and evaluate 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, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.

Sincerely,

Milbank Mfg. Co.

Larry Sterling

Larry Sterling
Technical Service Manager

MIL0002041

INDUSTRIAL WASTEWATER PRETREATMENT MONITORING REPORT (IWPMR)

Permittee: Milbank Manufacturing Company, Incorporated **Discharge Period (Month):** June **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	2210	9.07																					
4	1880	9.14																					
5	2030	9.11		<0.0010	<0.0050	0.0604	0.00166		0.0188		<0.0005	0.114	0.0104		<0.0500	0.005	<5.00	<5.00	0.103	7.00	267	39.0	0.497
6																							
7																							
8																							
9																							
10																							
11																							
12	330	9.03																					
13																							
14																							
15																							
16																							
17																							
18																							
19																							
20	1700	9.01																					
21																							
22																							
23																							
24	1820	9.13																					
25	1420	9.27																					
26																							
27																							
28																							
29																							
30	480	9.03																					
31																							
Mo. Average:	1483.75			<0.0010	<0.0050	0.0604	0.00166		0.0188		<0.0005	0.114	0.0104		<0.0500	0.005	<5.00	<5.00	0.103	7.00	267	39.0	0.497
High Value:	2210	9.27		<0.0010	<0.0050	0.0604	0.00166		0.0188		<0.0005	0.114	0.0104		<0.0500	0.005	<5.00	<5.00	0.103	7.00	267	39.0	0.497
Low Value:	330	9.01		<0.0010	<0.0050	0.0604	0.00166		0.0188		<0.0005	0.114	0.0104		<0.0500	0.005	<5.00	<5.00	0.103	7.00	267	39.0	0.497
Total Flow:	11870			**Total Water Bill Gal. used - 85,500 Gal.**																			

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Larry Sterling
Signature of Responsible Party

Technical Service Manager
Title/Position

7/17/08
Date

MIL0002042

INDUSTRIAL WASTEWATER PRETREATMENT MONITORING REPORT (IWPMR)

Permittee: Milbank Manufacturing Company, Incorporated **Discharge Period (Month):** June **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	1496	7.72																					
3	1594	7.65																					
4	937	7.63																					
5	1157	7.85																					
6	1308	7.60																					
7																							
8																							
9	4229	7.80																					
10	1659	7.68																					
11	1856	7.54																					
12	917	7.60																					
13	1286	7.72																					
14																							
15																							
16	5390	7.75																					
17	1772	7.76																					
18	1094	7.73																					
19	1372	7.81																					
20	1272	7.90																					
21																							
22																							
23	2991	7.83																					
24	1464	7.85																					
25	1085	7.72																					
26	1337	7.73																					
27	1554	7.69																					
28																							
29																							
30	2196	7.89																					
31																							
Mo. Average:	1807.904762																						
High Value:	5390	7.90																					
Low Value:	917	7.54		Total Water Bill gal. used - 85,500 Gal.																			
Total Flow:	37966																						

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Larry Sterling
Signature of Responsible Party

Technical Service Manager
Title/Position

7/17/08
Date

0001000000297000000000000817510 19

Indiana American Water
PO Box 94551
Palatine IL 60094-4551

For Service To: 1005 Rank Pky

Steph

ACCOUNT NUMBER	10-0000029-7
AMOUNT DUE	$817.51
DUE DATE	Jul 28, 2008

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

012603 1 MB 0.369 0603/12603/000603 048 1 PCF8JU

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

Indiana American Water
PO Box 94551
Palatine IL 60094-4551

RECEIVED
JUL 14 2008
MILBANK MFG. CO.

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: Jul 10, 2008
Billing Period: Jun 05 to Jul 07 (32 days)
Next reading on/about: Aug 06, 2008
Rate Type: Industrial

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

Present-actual	12281
Last-actual	12167

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

Present-actual	0
Last-actual	0

114 Cubic Feet used
1 cu. ft. equals 7.50 gallons
Gallons used 85500

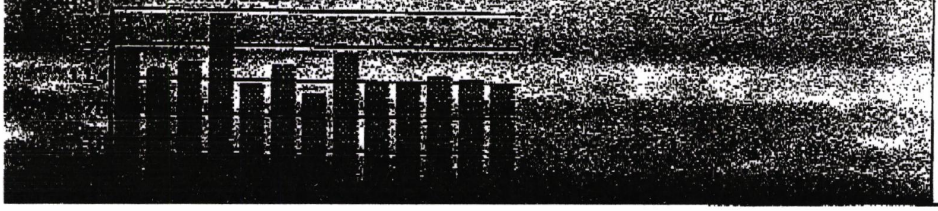
Billing Summary

Prior Balance		
Balance from last bill		$412.02
Payments as of Jul 10, 2008. Thanks!		.00
Total prior balance, Jul 10, 2008		412.02
Current Water Charges		
Customer Service Charge		102.80
Water Charge	($2.738500 x 20.00)	54.77
	($1.984000 x 94.00)	186.50
Total Use Billed	114.00	344.07
Other Current Charges		
Pub F/S Surchg Mtr Kokomo		26.33
Distrib System Improv Charge		8.57
Total other charges, Jul 10, 2008		34.90
Taxes		
Indiana Gross Retail Tax		26.52
Total taxes, Jul 10, 2008		26.52
Total Current Charges		$405.49
TOTAL AMOUNT DUE		$817.51

Paid 7/2/08

Water Usage Comparison

Monthly usage



Number 1 Station Flow meter and PH reading

Month

June-08

	Previous Meter Reading	Current Meter Reading	Gallons Per Day	PH Reading
1				
2	4157378	4158874	1496	7.72
3	4158874	4160468	1594	7.65
4	4160468	4161405	937	7.63
5	4161405	4162562	1157	7.85
6	4162562	4163870	1308	7.60
7			0	
8			0	
9	4163870	4168099	4229	7.80
10	4168099	4169758	1659	7.68
11	4169758	4171614	1856	7.54
12	4171614	4172531	917	7.60
13	4172531	4173817	1286	7.72
14			0	
15			0	
16	4173817	4179207	5390	7.75
17	4179207	4180979	1772	7.76
18	4180979	4182073	1094	7.73
19	4182073	4183445	1372	7.81
20	4183445	4184717	1272	7.90
21			0	
22			0	
23	4184717	4187708	2991	7.83
24	4187708	4189172	1464	7.85
25	4189172	4190257	1085	7.72
26	4190257	4191594	1337	7.73
27	4191594	4193148	1554	7.69
28			0	
29			0	
30	4193148	4195344	2196	7.89
31			0	

37966 Total Gallons

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: DRF0344
Project: Monthly / Semi Annual Wastewater Analysis
Project Number: Monthly / Semi Annual Wastewater

Received: 06/06/08
Reported: 06/16/08 15:08

ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Rpt Limit	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: DRF0344-01 (DRAFT: Composite - Water - NonPotable)					**Sampled: 06/05/08 13:35**		**Recvd: 06/06/08 10:00**		
DRAFT: General Chemistry Parameters									
Carbonaceous BOD	**7.00**		mg/L	4.00	1	06/11/08 13:50	DAP	8060362	SM18 5210B
Phosphorus, Total as P	**0.103**		mg/L	0.100	1	06/09/08 15:05	EEM	8060394	EPA 365.2/SM18 4500P E
Ammonia as N	**0.497**		mg/L	0.300	1	06/10/08 08:04	KKH	8060415	EPA 350.1/SM18 4500NH3 B,H
Chemical Oxygen Demand	**267**		mg/L	50.0	1	06/09/08 14:20	EEM	8060395	EPA 410.4
Phenolics	<0.0500		mg/L	0.0500	1	06/11/08 17:13	MAF	8060569	EPA 420.1
Solids, Total Suspended	**39.0**		mg/L	5.00	1	06/09/08 13:25	jlb	8060393	EPA 160.2/SM18 2540D
DRAFT: Total Metals									
Cadmium	<0.00100		mg/L	0.00100	5	06/10/08 01:28	BMH	8060346	EPA 200.8
Chromium	<0.00500		mg/L	0.00500	5	06/10/08 01:28	BMH	8060346	EPA 200.8
Copper	**0.0604**		mg/L	0.00500	5	06/10/08 01:28	BMH	8060346	EPA 200.8
Lead	**0.00166**		mg/L	0.00100	5	06/10/08 01:28	BMH	8060346	EPA 200.8
Molybdenum	**0.0104**		mg/L	0.00100	5	06/10/08 01:28	BMH	8060346	EPA 200.8
Nickel	**0.0188**		mg/L	0.00500	5	06/10/08 01:28	BMH	8060346	EPA 200.8
Silver	<0.000500		mg/L	0.000500	5	06/10/08 01:28	BMH	8060346	EPA 200.8
Zinc	**0.114**	B8	mg/L	0.0200	5	06/10/08 01:28	BMH	8060346	EPA 200.8
Sample ID: DRF0344-02 (DRAFT: Grab - Water - NonPotable)					**Sampled: 06/05/08 13:30**		**Recvd: 06/06/08 10:00**		
DRAFT: General Chemistry Parameters									
Cyanide, Total	<0.00500		mg/L	0.00500	1	06/11/08 14:34	KKH	8060378	EPA 335.4
Oil & Grease	<5.00		mg/L	5.00	1	06/11/08 08:55	SNA	8060416	EPA 1664A
Oil & Grease (HEM-SGT)	<5.00		mg/L	5.00	1	06/13/08 09:10	OA	8060587	EPA 1664A

DRAFT REPORT

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

June 16, 2008

Client:

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

Attn: Mr. David Kranz

Work Order: DRF0344
Project Name: Monthly / Semi Annual Wastewater Analysis
Project Number: Monthly / Semi Annual Wastewater

Date Received: 06/06/08

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
DRAFT: Composite	DRF0344-01	06/05/08 13:35
DRAFT: Grab	DRF0344-02	06/05/08 13:30

Samples were received into laboratory at a temperature of 13.8 °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:

DRAFT REPORT

Milbank Manufacturing, Inc. 1400 E. Havens St. Kokomo, IN 46901-3188 Mr. David Kranz	Work Order: Project: Project Number:	DRF0344 Monthly / Semi Annual Wastewater Analysis Monthly / Semi Annual Wastewater	Received: 06/06/08 Reported: 06/16/08 15:08

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.

ADDITIONAL COMMENTS

ANALYSIS LOCATIONS

The analyses listed below were analyzed in satellite facilities

DRAFT REPORT

[redacted]

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☐

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

DRF0844

MIL0002048

TAL-4124 (1007)

Client: Milbank MFG	Project Manager: David Kranz	Date:	Chain of Custody Number: 081753
Address: 1400 E havens St	Telephone Number (Area Code)/Fax Number: (765) 452-5694 / (765) 452-8361	Lab Number:	Page _____ of ___
City: Kokomo; State: IN; Zip Code: 46901	Site Contact:	Lab Contact:	
Project Name and Location (State): Semi-Annual	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.:			

Analysis (Attach list if more space is needed)

Special Instruction Conditions of Rece

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil		Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH		Cr, Cu, Pb, Ni, Zn, Fe	Phosphorus	Ammonia, COD	Cyanide	Hydrocarbons	Phenols								
Composite	6-5-08	3:35													X	X	X			X								
Grab	6-5-08	1:30							1			1						X	X									

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other_____

QC Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished By: David K Kranz	6-5-08	3:35	1. Received By		
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By: Monica Pelle	6-6-08	10:0

Comments

FX

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Milbank

Work Order DRF0344

Discrepancies ☐

Rushes or Short Holds ☐

Cooler/Sample Receipt Form

Are samples soils requiring USDA quarantine? Yes No (circle one)
If yes notify PM immediately

Method of Shipment:

Walk in **Fed Ex** **UPS** **TAL Courier** **Field** **Other**_____ **Tracking #** 8645 52096283

Opened Date/Time 6-6-08 10:35 **Initials** MJR

Receipt Questions**	Y	N	n/a	"NO" answers require a comment
COC present	✓			
Containers in good condition (unbroken and not leaking)	✓			
Appropriate containers used				1Lunp 500 H_2SO_4 250 NaOH 250 HNO_3 2X 1L H_2SO_4 Amb 250 H_2SO_4 Amb
Correct preservation on the COC		✓		
Numbers of samples match COC	✓			
If used, custody seals were intact	✓			
Sample containers filled adequately for requested parameters	✓			
Client labels match COC	✓			
Samples received within hold time	✓			
VOA samples received without headspace in excess of 6 mm.			✓	
Trip Blanks received for each cooler with VOAs			✓	

Cooler Temperatures

Temp Acceptable? Melted ICE

Thermometer ID 11

YES	NO	Cooler ID	Uncorrected	Corrected		Affected Samples
☑	☐		13.6	13.8	°C	
☐	☐				°C	
☐	☐				°C	

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

Client Contact Record (required for discrepancies, unless agreement is on file with project) Date & Time _____
Contact via: ☐phone ☐email ☐ other _____ Person contacted _____

Discussion/Resolution _____

_____ of _____ Pages

DT
PM Signature

City of Kokomo
Kokomo Wastewater Treatment Plant
Pretreatment
1501 W. Markland Avenue
Kokomo, IN 46901

To Whom It May Concern:

Based on my inquiry of the person directly responsible for managing compliance with the pretreatment standard for total toxic organics (TTO), I certify that, to the best of my knowledge and belief, no toxic organics are used at this facility.

Sincerely,

Milbank Mfg. Co.

Larry Sterling

Larry Sterling
Technical Service Manager

LS: mew

Municipal Publicly Owned Treatment Works (POTW)

WASTE MANAGEMENT

Requested Disposal Facility Oak Ridge RDF Profile Number 394323

☑ Renewal for Profile Number 394323 Waste Approval Expiration Date _____

A. Waste Generator Facility Information (must reflect location of waste generation/origin)

1. Generator Name: Milbank Manufacturing Company
2. Site Address: 1400 E. Havens Street
3. City/ZIP: Kokomo, 46901
4. State: Indiana
5. County: Howard
6. Contact Name/Title: Stephanie Hohenberger / Buyer
7. Email Address: shohenbe@milbankmfg.com
8. Phone: 765-452-5694 9. FAX: 765-452-8361
10. NAICS Code: _____
11. Generator USEPA ID #: _____
12. State ID# (if applicable): _____

B. Customer Information ☐ same as above

P. O. Number: _____

1. Customer Name: Milbank Manufacturing Company
2. Billing Address: P.O. Box 754
3. City, State and ZIP: Kokomo, Indiana, 46903
4. Contact Name: Stephanie Hohenberger
5. Contact Email: shohenbe@milbankmfg.com
6. Phone: 765-452-5694 FAX: 765-452-8361
7. Transporter Name: WM / Kokomo
8. Transporter ID # (if appl.): _____
9. Transporter Address: _____
10. City, State and ZIP: _____

C. Waste Stream Information

1. DESCRIPTION
   a. Common Waste Name: Municipal POTW Sludge
   State Waste Code(s): _____
   b. Describe Process Generating Waste or Source of Contamination:
   Treatment of wastewater at a Municipal POTW.
   c. Typical Color(s): brown/black
   d. Strong Odor? ☑ Yes ☐ No Describe: sewage
   e. Physical State at 70°F: ☐ Solid ☐ Liquid ☐ Powder ☑ Semi-Solid or Sludge ☐ Other: _____
   f. Layers? ☐ Single layer ☐ Multi- layer ☑ NA
   g. Water Reactive? ☐ Yes ☑ No If Yes, Describe: _____
   h. Free Liquid Range (%): _____ to _____ ☑ NA(solid)
   i. pH Range: ☐ ≤2 ☐ 2.1-12.4 ☐ ≥12.5 ☑ NA(solid) ☐ Actual: _____
   j. Liquid Flash Point: ☐ < 140°F ☐ ≥ 140°F ☑ NA(solid) ☐ Actual: _____
   k. Flammable Solid: ☐ Yes ☑ No
   l. Physical Constituents: List all constituents of waste stream - (e.g. Soil 0-80%, Wood 0-20%): ☐ (See Attached)

Constituents *(Total Composition Must be > 100%)*	Lower Range	Unit of Measure	Upper Range	Unit of Measure
1. Municipal POTW Sludge	100	%	100	%
2.				
3.				
4.				
5.				
6.				

2. ESTIMATED QUANTITY OF WASTE AND SHIPPING INFORMATION
   a. ☐ Event ☑ Base/Ongoing (Check One)
   b. Estimated Annual Quantity: 22 ☐ Tons ☑ Cubic Yards ☐ Drums ☐ Gallons ☐ Other (specify): _____
   c. Shipping Frequency: 2 times Units per ☐ Month ☐ Quarter ☐ Year ☐ One Time ☐ Other
   d. Is this a U.S. Department of Transportation (USDOT) Hazardous Material? (If yes, answer e.) ☐ Yes ☑ No
   e. USDOT Shipping Description (if applicable): _____
3. SAFETY REQUIREMENTS (Handling, PPE, etc.): Normal landfill site personal protective equipment

Municipal Publicly Owned Treatment Works (POTW) Sludge Express Profile

D. Regulatory Status (Please check appropriate responses)

1. Is this a USEPA (40 CFR Part 261)/State hazardous waste? If yes, contact your sales representative. ☐ Yes
2. Is this waste included in one or more of categories below (Check all that apply)? If yes, attach supporting documentation. ☐ Yes
   - ☐ Delisted Hazardous Waste
   - ☐ Excluded Wastes Under 40 CFR 261.4
   - ☐ Treated Hazardous Waste Debris
   - ☐ Treated Characteristic Hazardous Waste
3. Is the waste from a Federal (40 CFR 300, Appendix B) or state mandated clean-up? If yes, see instructions. ☐ Yes ☑ No
4. Does the waste represented by this waste profile sheet contain radioactive material? ☐ Yes ☑ No
   a. If yes, is disposal regulated by the Nuclear Regulatory Commission? ☐ Yes ☐ No
   b. If yes, is disposal regulated by a State Agency for radioactive waste/NORM? ☐ Yes ☐ No
5. Does the waste represented by this waste profile sheet contain concentrations of regulated Polychlorinated Biphenyls (PCBs)? ☐ Yes ☑ No
   a. If yes, is disposal regulated under TSCA? ☐ Yes ☐ No
6. Does the waste contain untreated, regulated, medical or infectious waste? ☐ Yes ☑ No
7. Does the waste contain asbestos? ☐ Yes ☑ No If Yes, ☐ Friable ☐ Non Friable
8. Is this profile for remediation waste from a facility that is a major source of Hazardous Air Pollutants (Site Remediation NESHAP, 40 CFR 63 subpart GGGGG)? ☐ Yes ☑ No
   If yes, does the waste contain <500 ppmw VOHAPs at the point of determination? ☐ Yes ☐ No

E. Generator Certification (Please read and certify by signature below)

By signing this Generator's Waste Profile Sheet, I hereby certify that all:

1. Information submitted in this profile and all attached documents contain true and accurate descriptions of the waste material;
2. Relevant information within the possession of the Generator regarding known or suspected hazards pertaining to this waste has been disclosed to WM/the Contractor;
3. Analytical data attached pertaining to the profiled waste was derived from testing a representative sample in accordance with 40 CFR 261.20(c) or equivalent rules; and
4. Changes that occur in the character of the waste (i.e. changes in the process or new analytical) will be identified by the Generator and disclosed to WM (and the Contractor if applicable) prior to providing the waste to WM (and the Contractor if applicable).
5. Check all that apply:
   - ☑ Attached analytical pertains to the waste. Identify laboratory & sample ID #'s and parameters tested: TCLP Metals, Volatiles, SVOC, Herbs, Pests, total PCBs, and Paint Filter # Pages: _____
   - ☐ Only the analyses identified on the attachment pertain to the waste (identify by laboratory & sample ID #'s and parameters tested). Attachment #: _____
   - ☐ Additional information necessary to characterize the profiled waste has been attached (other than analytical). Indicate the number of attached pages: _____
   - ☐ I am an agent signing on behalf of the Generator, and the delegation of authority to me from the Generator for this signature is available upon request.
   - ☑ By Generator process knowledge, the following waste is not a listed waste and is below all TCLP regulatory limits.

Certification Signature: _____ **Title:** Buyer

Company Name: Milbank Manufacturing Company **Name (Print):** Stephanie Hohenberger

Date: April 30th, 2008

FOR WM USE ONLY

Management Method: ☑ Landfill ☐ Bioremediation **Approval Decision:** ☐ Approved ☐ Not Approved

☐ Non-hazardous solidification ☐ Other: _____ Waste Approval Expiration Date: _____

Management Facility Precautions, Special Handling Procedures or Limitation on approval: Municipal wastewater treatment only

☑ Shall not contain free liquid
☐ Shipment must be scheduled into disposal facility
☐ Approval Number must accompany each shipment
☐ Waste Manifest must accompany load

WM Authorization Name / Title: Stephanie Hohenberger / Buyer **Date:** 5-2-08

State Authorization (if Required): _____ **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

April 29, 2008

Client:

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

Attn: Mr. David Kranz

Work Order: DRD0941
Project Name: WWT Filter Cake
Project Number: WWT Filtercake

Date Received: 04/16/08

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
WWT Filtercake	DRD0941-01	04/15/08 11:30

Samples were received into laboratory at a temperature of 17 °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

THE LEADER IN ENVIRONMENTAL TESTING

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

Work Order: DRD0941
Project: WWT Filter Cake
Project Number: WWT Filtercake

Received: 04/16/08
Reported: 04/29/08 17:12

ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Rpt Limit	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: DRD0941-01 (WWT Filtercake - Non-aqueous)					**Sampled: 04/15/08 11:30**		**Recvd: 04/16/08 09:20**		
General Chemistry Parameters									
% Solids	**86.1**		%	0.100	1	04/16/08 22:43	NLC	8040874	SW 846
Paint Filter Liquids	**Compliant**		N/A	NA	1	04/16/08 21:32	NLC	8040872	SW 9095B
pH	**9.44**		S.U.	0.100	1	04/17/08 14:11	JLB	8040935	SW 9045C
TCLP Metals by 1311/6000/7000									
Arsenic	<0.500		mg/L	0.500	1	04/28/08 10:48	JPP	8041371	SW 6010B
Barium	<0.100		mg/L	0.100	1	04/28/08 10:48	JPP	8041371	SW 6010B
Cadmium	<0.150		mg/L	0.150	1	04/28/08 10:48	JPP	8041371	SW 6010B
Chromium	<0.200		mg/L	0.200	1	04/28/08 10:48	JPP	8041371	SW 6010B
Lead	<0.400		mg/L	0.400	1	04/28/08 10:48	JPP	8041371	SW 6010B
Mercury	<0.00100		mg/L	0.00100	1	04/29/08 11:50	JPP	8041293	SW 7470A
Selenium	<0.500		mg/L	0.500	1	04/28/08 10:48	JPP	8041371	SW 6010B
Silver	<0.200		mg/L	0.200	1	04/28/08 10:48	JPP	8041371	SW 6010B
Extraction	ND		N/A	NA	1	04/25/08 13:10	TAD	8041302	SW 1311

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Kokomo, IN 46901-3188
Mr. David Kranz

Work Order: DRD0941
Project: WWT Filter Cake
Project Number: WWT Filtercake

Received: 04/16/08
Reported: 04/29/08 17:12

LABORATORY BLANK QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD	RPD Limit	Q
TCLP Metals by 1311/6000/7000														
Mercury	8041293			mg/L	N/A	0.000200	<0.000200							
Arsenic	8041371			mg/L	N/A	0.500	<0.500							
Barium	8041371			mg/L	N/A	0.100	<0.100							
Cadmium	8041371			mg/L	N/A	0.150	<0.150							
Chromium	8041371			mg/L	N/A	0.200	<0.200							
Lead	8041371			mg/L	N/A	0.400	<0.400							
Selenium	8041371			mg/L	N/A	0.500	<0.500							
Silver	8041371			mg/L	N/A	0.200	<0.200							

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1400 E. Havens St.
Kokomo, IN 46901-3188
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Work Order: DRD0941
Project: WWT Filter Cake
Project Number: WWT Filtercake

Received: 04/16/08
Reported: 04/29/08 17:12

LABORATORY DUPLICATE QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	% REC	Dup %REC	% REC Limits	RPD	RPD Limit	Q
General Chemistry Parameters													
QC Source Sample: DRD0941-01													
Paint Filter Liquids	8040872	Compliant		N/A	N/A	N/A	Present					200	
QC Source Sample: DRD0925-01													
% Solids	8040874	73.5		%	N/A	0.100	70.5				4	20	
QC Source Sample: DRD0925-02													
% Solids	8040874	59.7		%	N/A	0.100	56.3				6	20	

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1400 E. Havens St.
Kokomo, IN 46901-3188
Mr. David Kranz

Work Order: DRD0941
Project: WWT Filter Cake
Project Number: WWT Filtercake

Received: 04/16/08
Reported: 04/29/08 17:12

LCS/LCS DUPLICATE QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD	RPD Limit	Q
General Chemistry Parameters														
pH	8040935		10.0	S.U.	N/A	N/A	10.0		100		98.6-101.4			
TCLP Metals by 1311/6000/7000														
Mercury	8041293		0.00100	mg/L	N/A	0.000200	0.000940		94		80-120			
Arsenic	8041371		5.00	mg/L	N/A	0.500	5.18		104		80-120			
Barium	8041371		5.00	mg/L	N/A	0.100	5.17		103		80-120			
Cadmium	8041371		5.00	mg/L	N/A	0.150	5.09		102		80-120			
Chromium	8041371		5.00	mg/L	N/A	0.200	5.16		103		80-120			
Lead	8041371		5.00	mg/L	N/A	0.400	5.15		103		80-120			
Selenium	8041371		5.00	mg/L	N/A	0.500	5.28		106		80-120			
Silver	8041371		5.00	mg/L	N/A	0.200	5.13		103		80-120			

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Kokomo, IN 46901-3188
Mr. David Kranz

Work Order: DRD0941
Project: WWT Filter Cake
Project Number: WWT Filtercake

Received: 04/16/08
Reported: 04/29/08 17:12

MATRIX SPIKE/MATRIX SPIKE DUPLICATE QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD	RPD Limit	Q
TCLP Metals by 1311/6000/7000														
QC Source Sample: DRD1335-01														
Mercury	8041293	0.0000417	0.00100	mg/L	N/A	0.000200	0.000953	0.000954	91	91	75-125	0	20	
QC Source Sample: DRD0624-01														
Arsenic	8041371	<0.10	5.00	mg/L	N/A	0.500	5.08	5.12	102	102	75-125	1	20	
Barium	8041371	0.357	5.00	mg/L	N/A	0.100	5.35	5.34	100	100	75-125	0	20	
Cadmium	8041371	0.0558	5.00	mg/L	N/A	0.150	4.95	5.02	98	99	75-125	1	20	
Chromium	8041371	<0.040	5.00	mg/L	N/A	0.200	5.03	5.05	101	101	75-125	0	20	
Lead	8041371	0.0385	5.00	mg/L	N/A	0.400	5.02	5.06	100	100	75-125	1	20	
Selenium	8041371	<0.10	5.00	mg/L	N/A	0.500	5.22	5.26	104	105	75-125	1	20	
Silver	8041371	<0.040	5.00	mg/L	N/A	0.200	5.03	5.02	101	100	75-125	0	20	

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Work Order: DRD0941
Project: WWT Filter Cake
Project Number: WWT Filtercake

Received: 04/16/08
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OTHER

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD	RPD Limit	Q
TCLP Metals by 1311/6000/7000														
QC Source Sample: DRD1254-01														
Mercury	8041293	0.265	0.998	mg/L	N/A	N/A	0.802		54		0-200			S3
QC Source Sample: DRD1277-01														
Arsenic	8041371	<0.10	5.00	mg/L	N/A	0.500	4.85		97		75-125			
Barium	8041371	0.191	5.00	mg/L	N/A	0.100	4.95		95		75-125			
Cadmium	8041371	0.0766	5.00	mg/L	N/A	0.150	4.79		94		75-125			
Chromium	8041371	<0.040	5.00	mg/L	N/A	0.200	4.76		95		75-125			
Lead	8041371	0.418	5.00	mg/L	N/A	0.400	5.22		96		75-125			
Selenium	8041371	<0.10	5.00	mg/L	N/A	0.500	5.07		101		75-125			
Silver	8041371	<0.040	5.00	mg/L	N/A	0.200	4.85		97		75-125			

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

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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: DRD0941 Project: WWT Filter Cake Project Number: WWT Filtercake	Received: 04/16/08 Reported: 04/29/08 17:12	

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

S3 Post digestion spike is out of acceptance limits for this analyte

ADDITIONAL COMMENTS

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

ANALYSIS LOCATIONS

The analyses listed below were analyzed in satellite facilities

CHAIN OF CUSTODY

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Dayton Division
3601 South Dixie Drive
Dayton Ohio 45439

Phone: 937-294-6856
Toll Free: 800-572-9839
Fax: 937-294-7816

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

Client Name: Milbank MFG
Address: 1400 E havens St
City/State/Zip: Kokomo IN, 46901-3188
Project Manager: David Kranz
Telephone Number: (765) 452-5694 Fax No.:
Sampler Name: (Print) David Kranz
Sampler Signature: David Kranz

Project: WWT Filter Cake
Invoice To:
QUOTE NO:
PO:

Sample ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: HNO_3	HCl	NaOH	H_2SO_4 Plastic	H_2SO_4 Glass	None	Other	Matrix: SOIL	WATER	Analyze For: TCLP (8) RCRA Metals	PH	Paint Filter test	RUSH TAT (Pre-Schedule)	RUSH Due Date	Standard 7-10 Business Days	Email Results	Electronic Deliverables	Comme
	4-15-08	11:30														X	X	X				X		

Special Instructions:

Laboratory Comments:
Temperature Upon Receipt:
VOCs Free of Headspace? Y N NA
Sample Containers Intact? Y N

Relinquished by:	Date	Time	Received by:	Date	Time
David Kranz	4-15-08	11:30			
Relinquished by:	**Date**	**Time**	**Received by TestAmerica:**	**Date**	**Time**
			R Wells	4/16/08	920

MIL0002061

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Milbank

Work Order DRD0941

Discrepancies ☐

Rushes or Short Holds ☐

Cooler/Sample Receipt Form

Are samples soils requiring USDA quarantine? Yes No
If yes notify PM immediately (circle one)

Method of Shipment:

Walk in **Fed Ex** (UPS) **TAL Courier** **Field** **Other**_____ **Tracking #** 1244517501446945166

Opened Date/Time 9:25 4/16/08 **Initials** RIW

Receipt Questions	Y	N	n/a	"NO" answers require a comment
COC present	✓			
Containers in good condition (unbroken and not leaking)	✓			
Appropriate containers used	?			
Correct preservation on the COC		✓		no pres. indicated on COC
Numbers of samples match COC	✓			
If used, custody seals were intact			✓	
Sample containers filled adequately for requested parameters	✓			
Client labels match COC	✓	✓		no label on sample
Samples received within hold time	✓			
VOA samples received without headspace in excess of 6 mm.			✓	
Trip Blanks received for each cooler with VOAs			✓	

Cooler Temperatures

Thermometer ID H

Temp Acceptable? YES	NO	Cooler ID	Uncorrected	Corrected		Affected Samples
☑	☐		16.8	17.0	°C	nonaque - box
☐	☐				°C	
☐	☐				°C	
☐	☐				°C	

Client Contact Record (required for discrepancies, unless agreement is on file with project) Date & Time _____

Contact via: ☐phone ☐email ☐ other _____ Person contacted _____

Discussion/Resolution _____

_____ of _____ Pages

MIL0002062

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.

MIL0002063

MILBANK MFG. DISCHARGE LOG
SAMPLE POINT # 2

DATE	START TIME	METER READING	STOP TIME	METER READING	COMMENTS/ MAINTENANCE
6-2	6:50	1674370	11:25	1674370	Filter Press
6-3	7:00	1674370	3:30	1676580	System
6-4	7:00	1676580	3:00	1678460	System
6-5	7:00	1678460	3:30	1680490	system (testing)
6-9	6:55	1680490	1:00	1680490	Filter Press
6-11	6:50	1680490	1:00	1680490	Filter Press
6-12	11:00	1680490	12:00	1680820	system
6-20	7:15	1680820	2:45	1682520	system
6-24	7:00	1682520	3:15	1684340	System
6-25	6:55	1684340	1:30	1685760	system
6-26	7:00	1685760	2:30	1685760	Filter Press
6-27	7:10	1685760	2:30	1685760	Filter Press
6-30	11:00	1685760	12:30	1686240	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
6:45	6-3	Y	Y	NEUT 1	Y	4 + 10	4.02 - 10.04
6:45	6-3	Y	Y	NEUT 2	Y	4 + 10	4.00 - 10.04
2:30	6-3	Y	Y	FINAL	Y	9.07	4.00 +10.00
6:50	6-4	Y	Y	NEUT 1	Y	4 + 10	4.00 10.01
6:50	6-4	Y	Y	NEUT 2	Y	4 + 10	4.00 10.00
2:00	6-4	Y	Y	FINAL	Y	9.14	4.00+10.00
6:50	6-5	Y	Y	NEUT 1	Y	4 + 10	4.02 - 10.01
6:50	6-5	Y	Y	NEUT 2	Y	4 + 10	4.00 - 9.98
1:30	6-5	Y	Y	FINAL	Y	9.11	4.00 +10.00
9:55	6-12	Y	Y	NEUT 1	Y	4 + 10	4.00 - 10.03
9:55	6-12	Y	Y	NEUT 2	Y	4 + 10	4.00 -10.00
10:00	6-12	Y	Y	FINAL	Y	9.03	4.00 +10.00
6:45	6-20	Y	Y	NEUT 1	Y	4 + 10	4.02 10.01
6:45	6-20	Y	Y	NEUT 2	Y	4 + 10	4.00 10.01
2:00	6-20	Y	Y	FINAL	Y	9.01	4.00 +10.00
6:50	6-24	Y	Y	NEUT 1	Y	4 + 10	4.00 - 10.04
6:50	6-24	Y	Y	NEUT 2	Y	4 + 10	3.98 10.03
2:00	6-24	Y	Y	FINAL	Y	9.13	4.00 +10.00
6:50	6-25	Y	Y	NEUT 1	Y	4 + 10	4.01 10.03
6:50	6-25	Y	Y	NEUT 2	Y	4 + 10	4.01 10.01
1:00	6-25	Y	Y	FINAL	Y	9.27	4.00 +10.00
7:00	6-30	Y	Y	NEUT 1	Y	4 + 10	4.00 10.02
7:00	6-30	Y	Y	NEUT 2	Y	4 + 10	3.97 10.00
12:15	6-30	Y	Y	FINAL	Y	9.03	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		
		Y	Y	NEUT 1	Y	4 + 10	
		Y	Y	NEUT 2	Y	4 + 10	
		Y	Y	FINAL	Y		

DATE: June 5th 2008

MILBANK MANUFACTURING COMPANY

BEGINNING READING @ 7:00 AM 1678460

TIME	METER READING	INITIAL
7:30	1678590	DK
8:00	1678700	DK
8:30	1678830	DK
9:00	1678940	DK
9:30	1679050	DK
10:00	1679160	DK
10:30	1679270	DK
11:00	1679400	DK
11:30	1679530	DK
12:00	167965	DK
12:30	1679770	DK
1:00	1679870	DK
1:30	1680000	DK
2:00	1680110	DK
2:30	1680230	DK
3:00	1680350	DK
3:30	1680490	DK

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.	
6-2							4GAL				1:00
6-2									4GAL		1:10
6-3	4GAL		150#								11:10
6-3					20GAL						11:30
6-5	4GAL		150#								7:15
6-5									4GAL		7:25
6-12							4GAL				9:45
6-20	4GAL		150#								6:45
6-20					20GAL						12:40
6-24									4GAL		7:10

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	
6-2	DK	12	15	119	10.24				
6-3	DK	12	15	117	10.27				
6-4	DK	12	15	119	10.29				
6-9	TS	12	15	118	10.21				
6-10	TS	10	15	120	10.23				
6-11	TS	10	15	120	10.21				
6-12	TS	10	15	120	10.24				
6-13	TS	10	15	118	10.26				
6-16	RRT	9	15	118	10.10				
6-17	TS	8	15	118	10.17				
6-18	RRT	9	15	120	10.12				
6-19	TS	9	15	120	10.20				
6-21	TS	9	15	116	10.18				
6-23	TS	9	15	116	10.17				
6-24	TS	9	15	118	10.21				
6-25	RRT	10	15	118	10.36				
6-26	RRT	9	15	120	10.27				
6-30	TS	10	15	116	10.35				

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	
6-2	DK	8	15	111	5.88				
6-3	DK	7	15	108	5.06				
6-4	DK	7	15	112	5.09				
6-9	TS	7	15	118	6.39				
6-10	TS	7	15	120	6.73				
6-11	TS	8	15	120	6.40				
6-12	TS	7	15	120	6.68				
6-13	TS	8	15	118	6.52				
6-16	RRT	8	15	118	7.06				
6-17	RRT	8	15	118	6.73				
6-18	RRT	9	15	128	6.78				
6-19	TS	8	15	120	6.76				
6-21	TS	9	15	116	6.74				
6-23	TS	7	15	116	7.00				
6-24	TS	7	15	118	7.20				
6-25	RRT	8	15	118	6.63				
6-26	RRT	8	15	121	6.45				
6-30	TS	5	15	116	6.72				

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	
6-2	DK	10	5.0			2100	1291	871			
6-3	DK	15	5.0			2051	759	691			Tanks 2 & 4
6-4	DK	15	5.0			2097	727	726			Tanks 2 & 4
6-8	TS	15	5.0			3.83	1599	993			Tanks 2 & 4
6-10	TS	15	4.9			3.97	1243	1237			
6-11	TS	15	5.0			3.87	2.85	1371			
6-12	TS	15	5.0			3.85	2.96	1368			Tank 2
6-13	TS	15	5.0			3.83	2.76	1376			
6-16	TS	15	5.0			3.84	2.46	2.60			
6-17	RRT	15	5.0			4.01	2.53	2.73			
6-18	RRT	15	4.9			3.99	2.79	2.82			
6-19	TS	15	5.0			4.05	2.66	2.71			
6-21	TS	15	5.0			3.98	745	2.85			Tanks 2
6-23	TS	15	5.0			4.04	2.16	3.17			
6-24	TS	15	5.0			4.09	848	739			Tanks 2 & 4
6-25	RRT	15	5.0		405 →	[illegible]	925	687			
6-26	RRT	15	5.0			4.02	2140	829			
6-30	TS	15	5.0			4.05	3.04	1220			