Industrial Wastewater Pretreatment Monitoring Report
Sampling Point #2 (Part 1, A&B)

Milbank Mfg

Year 03 Month July

Date	Flow	pH	Cd	Cr	Cu	Ni	Ag	Pb	Zn	Mo	TTO	Phenol	CN	TPH	FOG	NH3	CBOD	COD	TSS
1																			
2																			
3																			
4																			
5																			
6																			
7	1690	8.53																	
8	2890	8.58																	
9																			
10	5440	8.89	<.004	<.020	.089	.153	<.002	.0046	.280	.027		<.010	<.005	<5.	<5.	3.5	5.1	100	74
11	340	8.57																	
12																			
13																			
14	2100	8.70																	
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23	3230	9.05																	
24																			
25																			
26																			
27																			
28																			
29																			
30																			
31																			
Daily LIMIT	N/A	N/A	.02	2.0	.6	.8	.24	.1	1.25	N/A	2.13	.5	.5	N/A	100	N/A	N/A	N/A	N/A
Average	2615	8.72	<.004	<.020	.089	.153	<.002	.0046	.280	.027		<.010	<.005	<5.0	<5.0	3.5			
Maximum	5440	9.05	<.004	<.020	.089	.153	<.002	.0046	.280	.027		<.010	<.005	<5.0	<5.0	3.5			
Minimum	340	8.53	<.004	<.020	.089	.153	<.002	.0046	.280	.027		<.010	<.005	<5.0	<5.0	3.5			

TOTAL FLOW 95,250 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 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 is, 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."

Richard Tyler

Authorized Company Representative

DATE 8-21-03

3400500014700000000000000336740 04

INDIANA-AMERICAN WATER CO.INC.
KOKOMO
P. O. BOX 907
RICHMOND, IN 47375-0907

ACCOUNT NUMBER	3400500014700 8
AMOUNT DUE	$336.74
DUE DATE	08-25-2003

Please return this portion with check
Payable to the address below

000010733 01 AT 0.292
MILBANK MFG CO INC
P O BOX 754
KOKOMO IN 46903-0754

INDIANA-AMERICAN WATER CO
P. O. BOX 2555
DECATUR IL 62525-2555

Service address:
1005 RANK PY

Customer Account Information

Service to: 340-05000147-00 8
MILBANK MFG CO INC
1005 RANK PY

BILLING PERIOD
Jul.07,2003 TO Aug.05,2003
Date Billed 08-08-2003
Service for 29 Days
Next Reading on/about Sep. 05

METER READING INFORMATION

* - Meter number -	031697349
Current-Actual	0425500
Prior	0412800
Cubic Feet Usage	12700
* - Meter number -	037146496
Current-Actual	000000
Prior	000000
Cubic Feet Usage	0
Total cu.ft. Usage	12700
Equivalent Gallons	95,250

Billing Summary

Prior Billing	320.81
Payments, Jul.29,2003,Thank You	320.81CR
Prior Balance Aug.07,2003	.00
Current Charges	
Water Charge	317.68
Indiana Gross Retail Tax	19.06
AMOUNT DUE	**$336.74**

MIL0002226

MILBANK MFG WASTEWATER TREATMENT PLANT
PH CALIBRATION/READING LOG SHEET

2003

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
7:30	7-7	Y	Y	NEUT 1	Y	4 + 10	4.00 4.03/9.97 9.99
7:30	7-7	Y	Y	NEUT 2	Y	4 + 10	3.98 4.02/9.96 10.00
3:00	7-7	Y	Y	FINAL	Y	8.53	4.00 + 10.00
7:00	7-8	Y	Y	NEUT 1	Y	4 + 10	4.00 - 4.02/9.98 9.99
7:00	7-8	Y	Y	NEUT 2	Y	4 + 10	3.97-4.00 - 9.97-10.00
3:00	7-8	Y	Y	FINAL	Y	8.58	4.00 + 10.00
7:05	7 10	Y	Y	NEUT 1	Y	4 + 10	3.98/4.00/10.00/10.02
7.05	7-10	Y	Y	NEUT 2	Y	4 + 10	3.99/4.02/9.98/10.01
1:00	7-10	Y	Y	FINAL	Y	8.89	4.00 + 10.00
11:00	7-11	Y	Y	NEUT 1	Y	4 + 10	3.98-4.01/9.98-10.00
11:00	7-11	Y	Y	NEUT 2	Y	4 + 10	4.00/4.03/9.99-10.02
1:05	7-11	Y	Y	FINAL	Y	8:57	4.00 + 10.00
7:10	7-14	Y	Y	NEUT 1	Y	4 + 10	3.98-4.00/9.97/9.99
7:10	7-14	Y	Y	NEUT 2	Y	4 + 10	4.02 4.02/9.98-10.00
2:00	7-14	Y	Y	FINAL	Y	8.70	4.00 + 10.00
7:05	7.23	Y	Y	NEUT 1	Y	4 + 10	4.00 4.02/9.98 9.99
7:05	7.23	Y	Y	NEUT 2	Y	4 + 10	4.00 4.01/9.97 10.00
3:00	7-23	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		
		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 MFG DISCHARGE LOG

SAMPLING POINT #2

2003

7-7-	10:35	793410	3:25	795100	system
7-8	7:05	795100	3:20	797990	system
7-10	7:20	797990	5:20 AM 7-11	803430	system (testing)
7-11	5:30 AM	803430	11:00	803430	Filter Press
7-11	1:10	803430	2:10	803770	system
7-14	7:20	803770	3:00	805870	system
7-23	7:10	805870	3:15	809100	system
7-24	7:00	809100	1:00	809100	Filter Press
7-25	7:05	809100	11:15	809100	Filter Press
7-28	7:10	809100	11:00	809100	Filter Press
7-29	7:15	809100	1:00	809100	Filter Press

MILBANK MANUFACTURING
WASTEWATER TREATMENT PLANT
CHEMICAL LOG

DATE	FERRIC CHLORIDE (FeCl3)		CALCIUM CHLORIDE FLAKES (77%)		CAUSTIC SODA (NaOH)		SULFURIC ACID (H2SO4)		[illegible]		COMMENTS
2003	GALS USED	GALS REC.	GALS USED	GALS REC.	GALS USED	GALS REC.	GALS USED	GALS REC.	GALS USED	GALS REC.	
7-7					20 GAL						Filled AT 9:45
7-7							4 GAL				Filled AT 10:15
7-7	4 GAL		150#								Filled AT 11:30
7-8	4 GAL		150#								Filled AT 10:10
7-8					20 GAL						Filled AT 10:15
7-8									4 GAL		Filled AT 10:20
7-10							4 GAL				Filled AT 8:05 AM
7-10	4 GAL		150#								Filled AT 8:20 AM
7-10					20 GAL						Filled A 2:40 PM
7-10									4 GAL		Filled AT 6:05 P
7-10							2 GAL	25 GAL WATER			Filled AT 8:00 P
7-10	2 GAL		100 #								Filled AT 8:30 Pm
7-11	4 GAL		150#								Filled AT 4:00 AM
7-14									4 GAL		Filled AT 10:45
7-14					20 GAL						Filled AT 10:50
7-14	4 GAL		150#								Filled AT 11:10
7-23	4 GAL		150#								Filled AT 11:10

TestAmerica Analytical Testing Corporation

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

Job Number: 03.14744
Report Date: 07/21/2003

Enclosed is the Analytical Report for the following samples submitted to TestAmerica for analysis:

Project: SEMI-ANNUAL WASTEWATER

Sample Number	Sample Description	Date Taken	Date Received
859388	SEMI-ANNUAL COMP	07/10/2003	07/10/2003
859389	SEMI-ANNUAL GRAB	07/10/2003	07/10/2003

TestAmerica, Inc. certifies that the analytical results contained herein apply only to the specific samples analyzed. Reproduction of this report is permitted only in its entirety.

Enclosure

Project Management Approval

Ann Sandrick

Dayton - 3601 South Dixie Drive, Dayton, OH 45439 937-294-6856/FAX:937-294-7816
Dundee (Chicago) - 1090 Rock Road Lane, Unit 11, Dundee, IL 60118 847-783-4960/FAX:847-783-4969
Indianapolis - 6964 Hillsdale Court, Indianapolis, IN 46250 317-842-4261/FAX:317-842-4286
Pontiac - 341 W. Walton Blvd, Pontiac, MI 48340 248-332-1940/FAX:248-332-5450

TestAmerica Analytical Testing Corporation
Analytical Report

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

Job Number: 03.14744
Report Date: 07/21/2003

SAMPLE NO. 859388 **SAMPLE DESCRIPTION** SEMI-ANNUAL COMP **DATE/TIME TAKEN** 07/10/2003

	Result	Units	Reporting Limit	Flag	Run Date	Run Time	Prep Batch	Run Batch	Anal. Init.	Lab ID	Method Reference
CBOD - Five Day	5.1	mg/L	<5.		07/16/2003	15:00	1778	2162	dsp	IN	EPA 405.1
CBOD - Five Day (PREP)	Complete		Complete		07/11/2003	10:20	1778		dsp	IN	EPA 405.1
COD	100	mg/L	<100		07/15/2003	08:30		1216	tpd	IN	EPA 410.4
Nitrogen, Ammonia Dist.	3.5	mg/L	<0.10		07/17/2003	09:19	151	1286	jss	IN	EPA 350.1
Solids, Suspended	74	mg/L	<5.		07/14/2003	14:20		2080	mhl	IN	EPA 160.2
Distillation, Ammonia	Complete		Complete		07/16/2003	13:30	151		mhl	IN	
ICPMS TOTAL METALS	Complete		Complete		07/18/2003	20:38		3981	mrt	DT	EPA 200.8
Cadmium, ICPMS	<0.0040	mg/L	<0.0040	O	07/18/2003	20:38	2660	5246	mrt	DT	EPA 200.8
Chromium, ICPMS	<0.020	mg/L	<0.020	O	07/18/2003	20:38	2660	5879	mrt	DT	EPA 200.8
Copper, ICPMS	0.0895	mg/L	<0.0050		07/18/2003	20:38	2660	5404	mrt	DT	EPA 200.8
Lead, ICPMS	0.0046	mg/L	<0.0010		07/18/2003	20:38	2660	5327	mrt	DT	EPA 200.8
Molybdenum, ICPMS	0.027	mg/L	<0.0010		07/18/2003	20:38	2660	5627	mrt	DT	EPA 200.8
Nickel, ICPMS	0.153	mg/L	<0.0050		07/18/2003	20:38	2660	5371	mrt	DT	EPA 200.8
Silver, ICPMS	<0.0020	mg/L	<0.0020	O	07/18/2003	20:38	2660	5605	mrt	DT	EPA 200.8
Zinc, ICPMS	0.280	mg/L	<0.050		07/18/2003	20:38	2660	5208	mrt	DT	EPA 200.8
Digestion, ICPMS	Complete		Complete		07/15/2003	10:00	2660		mjs	DT	EPA 200.2

SAMPLE NO. 859389 **SAMPLE DESCRIPTION** SEMI-ANNUAL GRAB **DATE/TIME TAKEN** 07/10/2003 15:57

	Result	Units	Reporting Limit	Flag	Run Date	Run Time	Prep Batch	Run Batch	Anal. Init.	Lab ID	Method Reference
Cyanide - Prep	Complete		Complete		07/17/2003	09:00	851		dsp	IN	
Cyanide, Total	<0.005	mg/L	<0.005		07/18/2003	09:59	851	1140	jss	IN	EPA 335.4
Oil & Grease	<5.	mg/L	<5.	Z	07/15/2003	09:00		1807	mhl	IN	EPA 1664A
Oil & Grease, Hydrocarbon	<5.	mg/L	<5.	Z	07/15/2003	09:00		658	mhl	IN	EPA-1664A
Phenol Prep	Complete		Complete		07/14/2003	08:00	474		jss	IN	
Phenol	<0.010	mg/L	<0.010	F,K	07/14/2003	11:07	474	730	jss	IN	SW 9066

F MSD recovery outside of control limits.
K RPD between MS and MSD is outside of control limits.
O Elevated reporting limit due to sample matrix.
Z Insuffucient sample for MS/MSD.

Lab ID: CH = Chicago (Dundee), DT = Dayton, IN = Indianapolis, PT = Pontiac, SUB = Subcontracted, CLT = Client Data

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: Milbrook
Client #: _____
Address: 1400 East Havens St.
City/State/Zip Code: Kokomo, IN 56901
Project Manager: Richard Tyler
Telephone Number: 765-452-5694
Fax: _____
Sampler Name: (Print Name) Nate Beckman
Sampler Signature: [signature]

Project Name: Semiannual Wastewater
Project #: _____
Site/Location ID: _____
State: _____
Report To: _____
Invoice To: _____
Quote #: _____
PO#: _____

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

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: CBOD, COD, TSS	Ammonia	Cd, Cr, Cu, Pb, Ni, Ag	CN	Oil & Grease	Phenol					REMARKS
Comp	7/10/03	—	C		WW						17		X	X	X								
grab	7/10/03	1557	G		WW			1	2							X	X	X					

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

Special Instructions:

	Date:	Time:		Date:	Time:
Relinquished By: [signature]	7/10/03	1730	Received By: Ann Sandrick	7/10/03	1730
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date:	Time:

LABORATORY COMMENTS:
Init Lab Temp: 13.9° on ice
Rec Lab Temp:
Custody Seals: Y N N/A
Bottles Supplied by TestAmerica: Y N
Method of Shipment:

MIL0002232

DATE: 7-10-2003

MILBANK MANUFACTURING COMPANY

BEGINNING READING @ 7:00 AM 797990

TIME	METER READING	INITIAL
7:30	798040	SLH
8:00	798210	SLH
8:30	798400	SLH
9:00	798610	SLH
9:30	798760	SLH
10:00	798950	SLH
10:30	799130	SLH
11:00	799310	SLH
11:30	799500	SLH
12:00	799680	SLH
12:30	799870	SLH
1:00	800050	SLH
1:30	800240	SLH
2:00	800410	SLH
2:30	800590	SLH
3:00	800750	SLH
3:30	800800	SLH

REGULATED PARAMETERS (6)	Local Discharge Limitations (7)		Monitoring Requirements	
	Daily Maximum (mg / L)	Monthly Average (mg / L)	Frequency	Sample Type
Cadmium (5)	0.02	0.015	Semi-Annual	Composite (2)
Total Chromium (5)	2.0	1.2	Semi-Annual	Composite (2)
Copper (5)	0.6	0.4	Semi-Annual	Composite (2)
Cyanide (5)	0.5	0.3	Semi-Annual	Grab
Lead (5)	0.1	0.06	Semi-Annual	Composite (2)
Nickel (5)	0.8	0.5	Semi-Annual	Composite (2)
Silver (5)	0.24	0.15	Semi-Annual	Composite (2)
Zinc (5)	1.25	0.75	1 X Month	Composite (2)
Molybdenum (5)	Monitor and Report		1 X Month	Composite (2)
PH	**6-10 (Std. Units)**	---------	**Daily**	**Grab**
CBOD5 (4)	Monitor and Report		1 X Month	Composite (2)
COD (4)	Monitor and Report		1 X Month	Composite (2)
TSS (4)	Monitor and Report		1 X Month	Composite (2)
Ammonia-N (4)	Monitor and Report		1 X Month	Composite (2)
TPH	Monitor and Report		Semi-Annual	Grab
Fats, Oils & Grease (8)	100		Semi-Annual	Grab
Flow	----------	---------	**Daily (3)**	
TTO	**2.13**	---------	**Semi-Annual**	**Grab**
Phenol	0.50		Semi-Annual	Grab

DATE:

PLEASE TEST FOR THE FOLLOWING ITEMS HIGHTLIGHTED ABOVE……

Chemical Specialties

Finishing System Service Report

System Serviced

Company MILBANK MFG Kokomo Date 7/14/03

TEST PERFORMED	Concentration		pH		Temperature		Pressure		Conductivity			
STAGES	Actual	Recom	Actual	Recom	Actual	Recom	Actual	Recom	Actual	Recom	Actual	Recom
SAMPLE POINTS 1 Cleaner 4 Hc	1.40	1.75	11.12	10/12		110/130		15/25				
2 Rinse									680	<2000		
3 Paintlok 595	2.31	2.0	5.12	40/55		110/130						
4 Rinse									830	<2000		
5 Rinse 50			4.48	40/58					2310	<2000		
6												
7												

Recom. = recommended

REMARKS & RECOMMENDATIONS: Parts look great @ this time! Stay on top of nozzles. Clean and change tips weekly. Stage 1 ⇒ Looks good but we have some clogged nozzles throughout stage. Try to replace the tips weekly. Pay especially attention to last 2 risers one each end of stage.
Stage 2 & 4 overflows. Ok @ this time.
Stage 3 ⇒ Everything checked out Ok.
Stage 5 ⇒ Recalibrated pH meter to read the same as desk top. This should bring conductivity down into range. It may be close to draining tank.
If any problems arise, Please Call.

Accepted by: David K Kranz Prepared by: Thanks Marcos Bryant

MIL0002235

Fifth Stage

Chemical Specialties

Marcus Bryant
913-661-0767

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	
						AM	PM	AM	PM	AM	PM			
7-1	DKK	10	5.0	7:30	1:00	2.21	2.24	1.71	1.88	1.40	1.45			
7-2	DKK	10	5.1	7:30	1:15	2.22	2.27	1.97	2.28	1.46	1.48			
7-3	DKK	10	5.1	7:20	12:30	2.30	2.31	2.46	2.50	153	155			
7-7	DKK	10	5.1	7:15	1:00	2.25	2.27	2.53	2.58	1.58	1.60			
7-8	DKK	10	5.1	7:30	1:50	2.20	2.24	.75	.98	.68	.71			
7-9	DKK	10	5.1	7:25	2:00	2.18	2.17	1.13	.99	.72	69			
7-10	DKK	10	5.1	7:35	1:00	2.15	2.14	.81	.87	.58	.63			
7-11	Descale	Tank	1											
7-21	DKK	10	5.1	8:30	12:30	2.23	2.25	2.15	2.17	1.50	1.51			
7-22	DKK	10	5.1	7:30	12:25	2.27	2.28	2.37	2.51	159	1.67			
7-23	DKK	10	5.1	7:15	1:45	2.18	2.20	.78	.86	.58	.64			
7-24	DKK	10	5.1	7:10	1:30	2.20	2.23	.99	1.10	.73	.81			
7-25	DKK	10	5.1	7:30	2:15	227	2.29	1.21	1.28	.88	.95			
7-28	DKK	10	5.1	7:20	1:00	2.23	2.25	1.33	1.39	1.00	105			
7-29	DKK	10	5.0	7:20	1:30	2.26	2.28	1.45	1.48	106	107			
7-30	DKK	10	5.0	7:15	1:45	1.70	1.76	1.71	1.84	1.21	1.29			
7-31	DKK	10	5.0	7:35	2:15	1.78	1.83	1.99	2.10	1.37	1.41			

Chemical Specialties

Third Stage

Marcus Bryant
913-661-0767

Date	Initial	Concentration	Pressure	Temperature	pH	Replacements of drums	Clean Screens	Clean Nozzles	Comments
Ranges		1.65 – 2.31	15 – 25	120°–130°	4.0 – 5.5	Paint Lok 595	Daily	Weekly	
7-1	DKK	2.64	15	130	5.38				
7-2	DKK	2.64	15	130	5.41				
7-3	DKK	2.64	15	130	5.43				
7-7	DKK	2.64	15	129	5.50				
7-8	DKK	2.64	15	130	5.57				
7-9	DKK	2.64	15	127	5.64				
7-10	DKK	2.31	15	130	5.67				
7-11	Descale	TANK 7							
7-21	DKK	2.31	15	130	5.52				
7-22	DKK	2.31	15	130	5.61				
7-23	DKK	2.31	15	130	5.63				
7-24	DKK	2.31	15	130	5.69				
7-25	DKK	2.31	15	130	5.56				
7-28	DKK	1.98	15	130	5.53				
7-29	DKK	1.98	15	128	5.48				
7-30	DKK	2.31	15	130	5.53				
7-31	DKK	2.31	15	130	5.60				

Chemical Specialties

Marcus Bryant
913-661-0767

First Stage

Date	Initial	Concentration	Pressure	Temperature	pH	Replacements of drums	Clean Screens	Clean Nozzles	Comments
Ranges		1.40 – 1.80	15 – 25	120°–130°	9.5 – 11.0	Cleaner 419C	Daily	Weekly	
7-1	DKK	1.60	15	131	9.81				
7-2	DKK	1.60	15	131	9.77				
7-3	DKK	1.80	15	130	9.82				
7-7	DKK	1.60	15	130	9.83				
7-8	DKK	1.60	15	131	9.85				
7-9	DKK	1.40	15	130	9.86				
7-10	DKK	2.00	15	131	9.91				
7-11	Descale		Tank	2					
7-21	DKK	1.60	15	131	10.73				
7-22	DKK	2.00	15	130	10.82				
7-23	DKK	2.00	15	131	10.57				
7-24	DKK	2.00	15	131	10.53				
7-25	DKK	2.00	15	131	10.49				
7-28	DKK	1.80	15	130	10.11				
7-29	DKK	1.80	15	129	10.16				
7-30	DKK	1.80	15	131	10.13				
7-31	DKK	1.80	15	130	10.11				