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

Milbank Mfg

Year 03 Month MAY

Date	Flow	pH	Cd	Cr	Cu	Ni	Ag	Pb	Zn	Mo	TTO	Phenol	CN	TPH	FOG	NH3	CBOD	COD	TSS
1	3300	9.02	<.004	<.02	.047	.254	<.002	<.004	.064	.0257			<.005			3.9	15	340	52
2																			
3																			
4																			
5																			
6	1180	9.16																	
7	1550	9.10																	
8	3030	9.15																	
9																			
10																			
11																			
12	380	9.15																	
13																			
14	1580	8.86																	
15	2180	8.91																	
16																			
17																			
18																			
19																			
20	1320	9.27																	
21	2830	9.33																	
22	2670	9.14																	
23																			
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	2002	9.10																	
Maximum	3300	9.33																	
Minimum	380	8.86																	

TOTAL FLOW 102,000 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 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 Zyla

Authorized Company Representative

DATE 6-23-03

MIL0002209

TestAmerica Analytical Testing Corporation

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

Job Number: 03.09069
Report Date: 05/09/2003

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

Project: MONTHLY WASTEWATER

Sample Number	Sample Description	Date Taken	Date Received
841650	MONTHLY COMP	05/02/2003	05/02/2003
841651	MONTHLY GRAB	05/01/2003	05/02/2003

The Quality Control report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

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

Alan Sandrik

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: 03.09069
Report Date: 05/09/2003

SAMPLE NO. 841650 **SAMPLE DESCRIPTION** MONTHLY COMP **DATE/TIME TAKEN** 05/02/2003

	Result	Units	Reporting Limit	Flag	Run Date	Run Time	Prep Batch	Run Batch	Anal. Init.	Lab ID	Method Reference
CBOD - Five Day	15	mg/L	<5.		05/07/2003	10:30	1746	2126	dsp	IN	EPA 405.1
CBOD - Five Day (PREP)	Complete		Complete		05/02/2003	18:30	1746		dsp	IN	EPA 405.1
COD	340	mg/L	<250		05/07/2003	08:34		1206	tpd	IN	EPA 410.4
Nitrogen, Ammonia Dist.	3.9	mg/L	<0.10		05/08/2003	15:20	127	1261	jss	IN	EPA 350.1
Solids, Suspended	52	mg/L	<5.		05/05/2003	09:32		2053	mhl	IN	EPA 160.2
Distillation, Ammonia	Complete		Complete		05/07/2003	13:30	127		mhl	IN	
ICPMS TOTAL METALS	Complete		Complete		05/08/2003	15:34		3829	ekh	DT	EPA 200.8
Cadmium, ICPMS	<0.0040	mg/L	<0.0010		05/08/2003	15:34	2565	5058	ekh	DT	EPA 200.8
Chromium, ICPMS	<0.0200	mg/L	<0.0020		05/08/2003	15:34	2565	5672	ekh	DT	EPA 200.8
Copper, ICPMS	0.0479	mg/L	<0.0050		05/08/2003	15:34	2565	5225	ekh	DT	EPA 200.8
Lead, ICPMS	<0.0040	mg/L	<0.0010		05/08/2003	15:34	2565	5139	ekh	DT	EPA 200.8
Molybdenum, ICPMS	0.0257	mg/L	<0.0010		05/08/2003	15:34	2565	5439	ekh	DT	EPA 200.8
Nickel, ICPMS	0.254	mg/L	<0.0050		05/08/2003	15:34	2565	5191	ekh	DT	EPA 200.8
Silver, ICPMS	<0.0020	mg/L	<0.0005		05/08/2003	15:34	2565	5423	ekh	DT	EPA 200.8
Zinc, ICPMS	0.064	mg/L	<0.050		05/08/2003	15:34	2565	5026	ekh	DT	EPA 200.8
Digestion, ICPMS	Complete		Complete		05/08/2003		2565		mja	DT	EPA 200.2

SAMPLE NO. 841651 **SAMPLE DESCRIPTION** MONTHLY GRAB **DATE/TIME TAKEN** 05/01/2003 07:30

	Result	Units	Reporting Limit	Flag	Run Date	Run Time	Prep Batch	Run Batch	Anal. Init.	Lab ID	Method Reference
Cyanide - Prep	Complete		Complete		05/05/2003	09:10	833		dsp	IN	
Cyanide, Total	<0.005	mg/L	<0.005		05/05/2003	12:58	833	1125	jss	IN	EPA 335.4

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

TestAmerica INCORPORATED

Division/Laboratory Name: Indianapolis Division

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

Client Name: Milbank
Client #:
Address: 1400 East Havens Street
City/State/Zip Code: Kokomo, IN 56901-3188
Project Manager: Mr. Richard Tyler
Telephone Number: 765-452-5694
Fax:
Sampler Name: (Print Name) Kim Sandrick
Sampler Signature: Kim Sandrick

Report To: Mr. Richard Tyler
Invoice To:
Quote #: 98.0060
PO#:
Project Name: Monthly Wastewater
Project #:
Site/Location ID:
State: IN

✓ Standard
___ Rush (surcharges may apply) ___ Other:
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 (Red Label)	HCl (Blue Label)	NaOH (Orange Label)	H_2SO_4 Plastic (Yellow Label)	H_2SO_4 Glass(Yellow Label)	None (Black Label)	Other (Specify)	Analyze For: CBOD, COD, TSS,	Ammonia, Mo, Zn		Cd,Cr,Cu,Pb,Ni,Ag							REMARKS
Monthly - Comp	5/2/03	–	C	N	WW						17		X	X		X							
Monthly - Grab	5/1/03	730	G	N	WW			1							X								

Special Instructions:
********PLEASE COMPOSITE USING FLOW READINGS ATTACHED********

Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Kim Sandrick	5/2/03	1530	Stacy Davis	5-2-03	1530
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date:	Time:

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

MIL0002212

Regulated Parameters	Notes	Local Discharge Limitations		Categorical Discharge Limitations [8]		Monitoring Requirements	
		Daily Maximum (mg / L)	Monthly Average (mg / L)	Daily Maximum (mg / L)	Monthly Average (mg / L)	Frequency	Sample Type
Cadmium	2, 5, 6, 9, 10	0.02	-	0.69	0.26	1 X Month	Composite
Total Chromium	2, 5, 6, 9, 10	2.0	-	2.77	1.71	1 X Month	Composite
Copper	2, 5, 6, 9	0.6	-	3.38	2.07	1 X Month	Composite
Cyanide	5, 6, 9	0.5	-	1.20	0.65	1 X Month	Grab
Lead	2, 5, 6, 9, 10	0.1	-	0.69	0.43	1 X Month	Composite
Nickel	2, 5, 6, 9, 10	0.8	-	3.98	2.38	1 X Month	Composite
Silver	2, 5, 6, 9, 10	0.24	-	0.43	0.24	1 X Month	Composite
Zinc	2, 5, 6, 9	1.25	-	2.61	1.48	1 X Month	Composite
Molybdenum	2, 5, 6, 9	Monitor & Report		-	-	1 X Month	Composite
pH	9	6-10 (Std. Units)	-	-	-	Daily	Grab
$CBOD_5$	2, 4, 9	Monitor & Report		-	-	1 X Month	Composite
COD	2, 4, 9	Monitor & Report		-	-	1 X Month	Composite
TSS	2, 4, 9	Monitor & Report		-	-	1 X Month	Composite
Ammonia-N	2, 4, 9	Monitor & Report		-	-	1 X Month	Composite
TPH	6, 9	Monitor & Report		-	-	Semi-Annual	Grab
Fats, Oils and Grease	6, 7, 9	100	-	-	-	Semi-Annual	Grab
Flow	1, 9	-	-	-	-	Daily [3]	
TTO	6, 9	2.13	-	2.13	-	Semi-Annual	Grab
Phenol	6, 9	0.50	-	-	-	Semi-Annual	Grab

- 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

MIL0002213

5/1/03

BOTTLE #	METER READING	DIFFERENCE	VOLUME NEEDED (mL)
INITIAL METER READING			
1		10	6
2		150	91
3		220	134
4		210	128
5		210	128
6		210	128
7		210	128
8		210	128
9		210	128
10		200	122
11		210	128
12		190	116
13		210	128
14		210	128
15		210	128
16		210	128
17		210	128
Total flow during composite sampling:			**TOTAL COMPOSITE VOLUME:**
3290			2000

DATE: 5-01-03

MILBANK MANUFACTURING COMPANY

BEGINNING READING @ 7:00 AM 755040

TIME	METER READING	INITIAL
7:30	755050	SLH
8:00	755200	SLH
8:30	755420	SLH
9:00	755630	SLH
9:30	755840	SLH
10:00	756050	SLH
10:30	756260	SLH
11:00	756470	SLH
11:30	756680	SLH
12:00	756880	SLH
12:30	757090	SLH
1:00	757280	SLH
1:30	757490	SLH
2:00	757700	SLH
2:30	757791	SLH
3:00	758120	SLH
3:30	758330	SLH

3400500014700000000000000034125007

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

ACCOUNT NUMBER	3400500014700 8
AMOUNT DUE	$341.25
DUE DATE	06-27-2003

Please return this portion with check
Payable to the address below

000010258 01 AB 0.301
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
May 05,2003 TO Jun.05,2003
Date Billed 06-10-2003
Service for 31 Days
Next Reading on/about Jul. 07

METER READING INFORMATION

* - Meter number -	031697349
Current-Actual	0401000
Prior	0387400
Cubic Feet Usage	13600
* - Meter number -	037146496
Current-Actual	000000
Prior	000000
Cubic Feet Usage	0
Total cu.ft. Usage	13600
Equivalent Gallons	102,000

Billing Summary

Prior Billing	383.31
Payments, May 29,2003,Thank You	383.31CR
Prior Balance Jun.09,2003	.00
Current Charges	
Water Charge	321.93
Indiana Gross Retail Tax	19.32
AMOUNT DUE	**$341.25**

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

TIME	DATE	[illegible]	[illegible]	PROBE LOCATION	PROBE CLEANED	PH READING	PH CALIBRATION
7:10	5-1	Y	Y	NEUT 1	Y	4 + 10	4.00-402/10.00-10.03
7:10	5-1	Y	Y	NEUT 2	Y	4 + 10	3.98-4.00/9.96-9.99
1:30	5-1	Y	Y	FINAL	Y	9.02	4.00 +10.00
8:00	5-6	Y	Y	NEUT 1	Y	4 + 10	4.00-402/10.00-10.03
8:00	5-6	Y	Y	NEUT 2	Y	4 + 10	3.98-4.00/9.97-9.99
2:30	5-6	Y	Y	FINAL	Y	9.16	4.00 +10.00
7:00	5-7	Y	Y	NEUT 1	Y	4 + 10	3.99-4.01/9.98-9.99
7:00	5-7	Y	Y	NEUT 2	Y	4 + 10	4.00-4.01/9.97-10.00
1:00	5-7	Y	Y	FINAL	Y	9.10	4.00+10.00
8:00	5-8	Y	Y	NEUT 1	Y	4 + 10	4.00-402/9.98-9.99
8:00	5-8	Y	Y	NEUT 2	Y	4 + 10	4.00-4.01/9.97-10.00
1:30	5-8	Y	Y	FINAL	Y	9.15	4.00+10.00
11:15	5-12	Y	Y	NEUT 1	Y	4 + 10	4.00-402/9.97-9.99
11:15	5-12	Y	Y	NEUT 2	Y	4 + 10	4.00-4.01/9.98/10.00
3:00	5-12	Y	Y	FINAL	Y	9.15	4.00 +10.00
7:45	5-14	Y	Y	NEUT 1	Y	4 + 10	4.00-4.02/9.99/10.00
7:45	5-14	Y	Y	NEUT 2	Y	4 + 10	3.96-4.00/9.98-10.00
1:30	5-14	Y	Y	FINAL	Y	8.86	4.00+10.00
7:10	5-15	Y	Y	NEUT 1	Y	4 + 10	3.99-4.01/9.96-10.00
7:10	5-15	Y	Y	NEUT 2	Y	4 + 10	4.00-4.02/9.98-10.01
1:00	5-15	Y	Y	FINAL	Y	8:91	4.00+10.00
7:10	5-20	Y	Y	NEUT 1	Y	4 + 10	3.99-4.00/9.96-10.00
7:10	5-20	Y	Y	NEUT 2	Y	4 + 10	3.98-4.01/9.97-9.99
3:00	5-20	Y	Y	FINAL	Y	9.27	4.00+10.00
7:10	5-21	Y	Y	NEUT 1	Y	4 + 10	4.00/4.01/9.97-9.99
7:10	5-21	Y	Y	NEUT 2	Y	4 + 10	3.99-4.02/9.98-10.00
1:30	5-21	Y	Y	FINAL	Y	9.33	4.00+10.00
7.00	5-22	Y	Y	NEUT 1	Y	4 + 10	3.98-4.00/9.97/10.00
7:00	5-22	Y	Y	NEUT 2	Y	4 + 10	3.99-4.02/9.98-10.01
2:30	5-22	Y	Y	FINAL	Y	9.14	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		

MILBANK MFG DISCHARGE LOG

SAMPLING POINT #2

DATE	START TIME	METER READING	STOP TIME	METER READING	COMMENTS/REMARKS
5-1-03	7:30	755040	3:30	758340	System (Testing)
5-2-03	7:00	758340	3:30	758340	Filter Press
5-5-03	7:00	758340	3:00	758340	Filter Press
5-6-03	11:20	758340	3:00	759520	System
5-7-03	7:20	759520	1:30	761070	System
5-8-03	8:00	761070	3:30	764100	System
5-9-03	7:30	764100	3:30	764100	Filter Press
5-12-03	7:20	764100	3:20	764480	System
5-14-03	8:00	764480	2:30	766060	System
5-15-03	7:20	766060	2:30	768240	System
5-16-03	7:30	768240	3:00	768240	Filter Press
5-19-03	7:15	768240	3:15	768240	Filter Press
5-20-03	10:50	768240	3:15	769560	System (Testing city)
5-21-03	7:20	769560	3:15	772390	System (Testing city)
5-22-03	7:30	772390	3:15	775060	System (Testing city)
5-23-03	7:20	775060	2:15	775060	Filter Press
5-28-03	7:00	775060	10:30	775060	Filter Press
5-29-03	7:15	775060		775060	Filter Press

DATE: 5-01-03

MILBANK MANUFACTURING COMPANY

BEGINNING READING @ 7:00 AM 755040

TIME	METER READING	INITIAL
7:30	755050	SLH
8:00	755200	SLH
8:30	755420	SLH
9:00	755630	SLH
9:30	755840	SLH
10:00	756050	SLH
10:30	756260	SLH
11:00	756470	SLH
11:30	756680	SLH
12:00	756880	SLH
12:30	757090	SLH
1:00	757280	SLH
1:30	757490	SLH
2:00	757700	SLH
2:30	757910	SLH
3:00	758120	SLH
3:30	758330	SLH

Chemical Specialties

Marcus Bryant
913-661-0767

First Stage

Date 2003	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	
5-1	DKK	1.80	15	127	10.32				
5-2	DKK	1.80	15	130	10.41				
5-5	DKK	2.00	15	128	10.00				
5-6	DKK	2.00	15	130	10.12				
5-7	DKK	2.00	15	131	9.95				
5-8	DKK	2.00	15	131	10.03				
5-9	DKK	2.00	15	130	10.13				
5-12	DKK	2.00	15	130	9.88				
5-13	DKK	2.00	15	129	9.89				
5-14	DKK	2.00	15	130	9.87				
5-15	DKK	2.00	15	130	9.85				
5-16	DKK	2.00	15	130	9.83				
5-19	DKK	1.80	15	127	9.82				
5-20	DKK	1.80	15	129	9.80				
5-21	DKK	1.80	15	130	9.82				
5-22	DKK	1.80	15	129	9.84				
5-23	DKK	1.80	15	129	9.85				
5-27	DKK	1.80	15	130	9.87				
5-29	DKK	1.80	15	128	9.86				
5-30	DKK	1.80	15	129	9.84				
~~5-30~~									

MIL0002220

Chemical Specialties

Third Stage

Marcus Bryant
913-661-0767

Date 2003	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	
5-1	DKK	1.98	15	130	4.86				
5-2	DKK	1.98	15	129	4.89				
5-5	DKK	1.98	15	128	5.10				
5-6	DKK	1.98	15	130	5.19				
5-7	DKK	1.65	15	131	5.66				
5-8	DKK	1.65	15	131	5.81				
5-9	DKK	1.65	15	130	5.90				
5-12	DKK	1.32	15	131	5.93				
5-13	DKK	1.60	15	130	5.93				
5-14	DKK	1.60	15	131	5.95				
5-15	DKK	1.32	15	131	5.96				
5-16	DKK	1.65	15	130	5.89				
5-19	DKK	198	15	129	5.75				
5-20	DKK	198	15	131	5.70				
5-21	DKK	165	15	130	5.75				
5-22	DKK	165	15	130	5.80				
5-23	DKK	132	15	131	5.89				
5-27	DKK	165	15	130	5.90				
5-29	DKK	198	15	131	5.92				
5-30	DKK	198	15	131	5.91				
[redacted]									

MIL0002221

Fifth Stage

Chemical Specialties

Marcus Bryant
913-661-0767

Date 2003	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			
5-1	DKK	10	5.0	9:30	1:30	1.48	1.35	.87	.97	.70	.68			
5-2	DKK	10	5.1	8:00	1:00	1.39	1.43	1.19	1.30	.81	.90			
5-5	DKK	10	4.9	7:30	12:30	1.49	1.55	1.49	1.57	1.09	1.17			
5-6	DKK	10	5.0	7:15	1:00	1.60	1.67	1.69	1.71	1.30	1.40			
5-7	DKK	10	5.0	8:00	1:15	1.69	1.73	1.88	1.97	1.48	1.51			
5-8	DKK	10	4.9	7:45	1:45	1.75	1.82	1.81	1.89	.60	.66			
5-9	DKK	10	5.0	8:20	1:00	1.88	1.89	1.91	2.13	.65	.68			
5-12	DKK	10	5.1	8:00	1:20	1.90	1.92	2.71	2.86	.73	.77			
5-13	DKK	10	5.0	7:30	1:45	1.94	1.96	1.60	1.75	.78	.79			
5-14	DKK	10	4.7	8:00	1:30	2.01	2.04	1.81	1.89	.87	.93			
5-15	DKK	10	4.9	2.00	[illegible]	2.10	2.12	.78	.99	.60	.56			
5-16	DKK	10	5.0	8:30	1:45	2.09	2.11	1.30	1.43	.63	.71			
5-19	DKK	10	5.0	7:15	2:15	2.10	2.12	1.70	1.81	.74	.77			
5-20	DKK	10	4.8	9:00	1:45	2.12	2.10	1.91	1.95	.83	.91			
5-21	DKK	10	4.9	7:30	1:30	2.11	2.12	.89	.93	.78	.84			
5-22	DKK	10	5.0	7:15	1:45	2.13	2.14	.70	.89	.63	.64			
5-23	DKK	10	5.1	8:00	2:00	2.13	2.14	1.19	1.25	.69	.65			
5-27	DKK	10	5.1	7:30	12:45	2.15	2.18	1.31	1.39	.70	.73			
5-29	DKK	10	4.9	7:45	1:00	2.21	2.22	1.45	1.52	.81	.87			
5-30	DKK	10	4.9	8:00	1:30	2.25	2.29	1.66	1.73	.89	.93			
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			

MIL0002222

MILL0002223

MILBANK MANUFACTURING
WASTEWATER TREATMENT PLANT
CHEMICAL LOG

DATE	FERRIC CHLORIDE (FeCl3)		CALCIUM CHLORIDE FLAKES (CaCl2)		CAUSTIC SODA (NaOH)		SULFURIC ACID (H2SO4)		OTHER		COMMENTS
	GALS USED	GALS REC.	GALS USED	GALS REC.	GALS USED	GALS REC.	GALS USED	GALS REC.	GALS USED	GALS REC.	
5-1	4GAL		150#								Filled AT 11:00
5-6	4GAL		150#								Filled AT 10:30
5-6					20GAL						Filled AT 11:00
5-8	4-GAL		150#								Filled AT 7:50
5-8									4GAL		Filled AT 8:05
5-12	4GAL		150#								Filled AT 11:00
5-14	4GAL		150#								Filled AT 1:00
5-15									4GAL		Filled AT 8:30
5-15					20GAL						Filled AT 12:10
5-20	4GAL		150#								Filled AT 7:30
5-19				2800#							
5-21	4GAL		150#								Filled AT 8:00
5-21									4-GAL		Filled AT 1:00
5-22	4GAL		150#								Filled AT 7:15
5-22					20GAL						Filled AT 9:05
5-22									4GAL		Filled AT 10:30

Regulated Parameters	Notes	Local Discharge Limitations		Categorical Discharge Limitations [8]		Monitoring Requirements	
		Daily Maximum (mg / L)	Monthly Average (mg / L)	Daily Maximum (mg / L)	Monthly Average (mg / L)	Frequency	Sample Type
Cadmium	2, 5, 6, 9, 10	0.02	-	0.69	0.26	1 X Month	Composite
Total Chromium	2, 5, 6, 9, 10	2.0	-	2.77	1.71	1 X Month	Composite
Copper	2, 5, 6, 9	0.6	-	3.38	2.07	1 X Month	Composite
[illegible]	5, 6, 9	0.5	-	1.20	0.65	1 X Month	Grab
[illegible]	2, 5, 6, 9, 10	0.1	-	0.69	0.43	1 X Month	Composite
[illegible]	2, 5, 6, 9, 10	0.8	-	3.98	2.38	1 X Month	Composite
Silver	2, 5, 6, 9, 10	0.24	-	0.43	0.24	1 X Month	Composite
Zinc	2, 5, 6, 9	1.25	-	2.61	1.48	1 X Month	Composite
Molybdenum	2, 5, 6, 9	Monitor & Report		-	-	1 X Month	Composite
pH	9	6-10 (Std. Units)	-	-	-	Daily	Grab
CBOD5	2, 4, 9	Monitor & Report		-	-	1 X Month	Composite
COD	2, 4, 9	Monitor & Report		-	-	1 X Month	Composite
TSS	2, 4, 9	Monitor & Report		-	-	1 X Month	Composite
Ammonia-N	2, 4, 9	Monitor & Report		-	-	1 X Month	Composite
TPH	6, 9	Monitor & Report		-	-	Semi-Annual	Grab
Fats, Oils and Grease	6, 7, 9	100	-	-	-	Semi-Annual	Grab
Flow	1, 9	-	-	-	-	Daily [3]	
TTO	6, 9	2.13	-	2.13	-	Semi-Annual	Grab
Phenol	6, 9	0.50	-	-	-	Semi-Annual	Grab

- 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.

MIL0002224