INDUSTRIAL WASTEWATER PRETREATMENT MONITORING REPORT (IWPMR)

Permittee: Milbank Manufacturing Company, Incorporated **Discharge Period (Month):** December **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	2830	9.39		<0.0020	<0.010	0.109	0.0417		0.0679		<0.001	0.325	0.0237		0.0617	<0.005	<5.	<5.	<0.05	11.4	94.0	49	4.46
2																							
3																							
4																							
5																							
6	640	9.44																					
7	690	9.14																					
8	2430	9.35																					
9																							
10																							
11																							
12																							
13	1910	9.35																					
14																							
15	2030	9.37																					
16																							
17																							
18																							
19																							
20																							
21	1420	9.16																					
22	700	9.35																					
23																							
24																							
25																							
26																							
27																							
28																							
29																							
30																							
31																							
Mo. Average:	1581.25			<0.0020	<0.010	0.109	0.0417		0.0679		<0.001	0.325	0.0237		0.0617	<0.005	<5.	<5.	<0.05	11.4	94.0	49	4.46
High Value:	2830	9.44		<0.0020	<0.010	0.109	0.0417		0.0679		<0.001	0.325	0.0237		0.0617	<0.005	<5.	<5.	<0.05	11.4	94.0	49	4.46
Low Value:	640	9.14		<0.0020	<0.010	0.109	0.0417		0.0679		<0.001	0.325	0.0237		0.0617	<0.005	<5.	<5.	<0.05	11.4	94.0	49	4.46
Total Flow:	12650	TOTAL GAL. FROM WATER BILL – 72,000																					

"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

1/12/06
Date

MIL0004198

INDUSTRIAL WASTEWATER PRETREATMENT MONITORING REPORT (IWPMR)

Permittee: Milbank Manufacturing Company, Incorporated **Discharge Period (Month):** December **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	3448	7.88																					
2	3202	7.56																					
3																							
4																							
5	6522	7.46																					
6	2973	7.79																					
7	2816	7.69																					
8	2420	7.58																					
9	2801	7.65																					
10																							
11																							
12	4425	7.86																					
13	2836	8.39																					
14	3624	7.42																					
15	2600	7.76																					
16	2955	7.39																					
17																							
18																							
19	4727	7.58																					
20	2738	8.08																					
21	3497	7.62																					
22	3003	7.69																					
23	3888	7.80																					
24																							
25																							
26																							
27																							
28																							
29																							
30																							
31																							
Mo. Average:	3439.705882																						
High Value:	6522	8.39																					
Low Value:	2420	7.39																					
Total Flow:	58475																						

Total Gal. From Water Bill - 72,000

"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

1/12/06
Date

MIL0004199

City of Kokomo
Wastewater Department
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 dumping of concentrated toxic organics into the wastewater has occurred since filing the last Industrial Wastewater Pretreatment Monitoring Report. I further certify that this facility is implementing the solvent management plan submitted to the City.

Sincerely,

Milbank Mfg. Co.

Larry E. Sterling

Larry Sterling
Technical Service Manager

LS: mew

City of Kokomo
Wastewater Department
1501 W. Markland Avenue
Kokomo, IN 46901

To Whom It May Concern:

I certify under penalty of law that Milbank Manufacturing Company, Incorporated is in compliance with the categorical limits specified in 40 CFR 433.15 and set forth in Table 1 of Permit KWP-002. I further certify that this report 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 E. Sterling

Larry Sterling
Technical Service Manager

RLT: mew

TestAmerica
ANALYTICAL TESTING CORPORATION
6964 Hillsdale Court • Indianapolis, IN 46250 • 317-842-4261 • Fax: 317-842-4286

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

Job Number: 05.24254
Report Date: 12/13/2005

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
164660	SEMI-ANNUAL COMP	12/02/2005	12/02/2005
164661	SEMI-ANNUAL GRAB	12/02/2005	12/02/2005

TestAmerica 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

Stacy Baker

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
www.testamericainc.com
TestAmerica Analytical Testing Corporation | TestAmerica Drilling Corporation | TestAmerica Air Emission Corporation

TestAmerica
ANALYTICAL TESTING CORPORATION
6964 Hillsdale Court • Indianapolis, IN 46250 • 317-842-4261 • Fax: 317-842-4286

Analytical Report

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

Job Number: 05.24254
Report Date: 12/13/2005

SAMPLE NO. 164660 **SAMPLE DESCRIPTION** SEMI-ANNUAL COMP **DATE/TIME TAKEN** 12/02/2005 11:30

	Result	Units	Reporting Limit	Flag	Run Date	Run Time	Prep Batch	Run Batch	Anal. Init.	Lab ID	Method Reference
CBOD - Five Day	11.4	mg/L	<4		12/07/2005	11:30	2180	2585	dsd	IN	SM18 5210B
CBOD - Five Day (PREP)	Complete		Complete		12/02/2005	15:50	2180		dsp	IN	SM18 5210B
COD	94.0	mg/L	<20.0		12/05/2005			1508	tpd	IN	HACH 8000
Nitrogen, Ammonia Dist.	4.46	mg/L	<0.10	B	12/09/2005	13:09	419	1522	dsd	IN	EPA 350.1
Phosphorus, Total	<0.05	mg/L	<0.05		12/05/2005	09:15	582	1190	tpd	IN	EPA 365.2
Phosphorus, Total - Prep	Complete		Complete		12/05/2005	09:15	582		tpd	IN	EPA 365.2
Solids, Suspended	49	mg/L	<5.		12/06/2005	14:25		2419	mhl	IN	EPA 160.2
Distillation, Ammonia	Complete		Complete		12/08/2005	12:50	419		mhl	IN	EPA 350.1
ICPMS TOTAL METALS	Complete		Complete		12/12/2005	18:56		5657	ekh	DT	EPA 200.8
Cadmium, ICPMS	<0.0020	mg/L	<0.0020	O	12/12/2005	18:56	3705	7476	ekh	DT	EPA 200.8
Chromium, ICPMS	<0.010	mg/L	<0.010	O	12/12/2005	18:56	3705	8316	ekh	DT	EPA 200.8
Copper, ICPMS	0.109	mg/L	<0.0050		12/12/2005	18:56	3705	7599	ekh	DT	EPA 200.8
Lead, ICPMS	0.0417	mg/L	<0.0010		12/12/2005	18:56	3705	7546	ekh	DT	EPA 200.8
Molybdenum, ICPMS	0.0237	mg/L	<0.0010		12/12/2005	18:56	3705	7839	ekh	DT	EPA 200.8
Nickel, ICPMS	0.0679	mg/L	<0.0050		12/12/2005	18:56	3705	7567	ekh	DT	EPA 200.8
Silver, ICPMS	<0.001	mg/L	<0.001	O	12/12/2005	18:56	3705	7862	ekh	DT	EPA 200.8
Zinc, ICPMS	0.325	mg/L	<0.050		12/12/2005	18:56	3705	7412	ekh	DT	EPA 200.8
Digestion, ICPMS	Complete		Complete		12/09/2005		3705		mja	DT	EPA 200.2

SAMPLE NO. 164661 **SAMPLE DESCRIPTION** SEMI-ANNUAL GRAB **DATE/TIME TAKEN** 12/02/2005 11:30

	Result	Units	Reporting Limit	Flag	Run Date	Run Time	Prep Batch	Run Batch	Anal. Init.	Lab ID	Method Reference
Cyanide Prep	Complete		Complete		12/06/2005		2824		rlm	DT	EPA 335.2 (CLP-M)
Cyanide, Total	<0.005	mg/L	<0.005		12/08/2005		2824	3299	kkh	DT	EPA 335.2 Mod
Oil & Grease (HEM)	<5.	mg/L	<5.	Z	12/07/2005	09:00		2066	mhl	IN	EPA 1664A
Non-Polar Material (SGT-HEM)	<5.	mg/L	<5.	Z	12/07/2005	09:00		769	mhl	IN	EPA 1664A
Phenol Prep	Complete		Complete		12/08/2005	12:40	538		mhl	IN	EPA 420.2
Phenol	0.0617	mg/L	<0.010		12/12/2005	15:07	538	794	dsd	IN	EPA 420.2

B - Target analyte detected in blank.
O - Elevated value due to sample matrix.
Z - Insufficient 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: 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) Jon Pressler
Sampler Signature: Jon Pressler

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

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

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

SAMPLE ID	Date Sampled	Time Sampled	G=Grab, C=Composite	Field Filtered	Matrix (SL-Sludge DW-Drinking Water GW-Groundwater S-Soil/Solid WW-Wastewater Specify Other)	Preservation & # of Containers: HNO_3	HCl	NaOH	H_2SO_4	Methanol	None	Other (Specify)	Analyze For: Cd, Cr, Cu, Pb, Ni, Ag, Zn, Mo	T. Phosphorus, Ammonia, COD	CBOD, TSS	Cyanide	O+G	O+G Hydrocarbon	Phenol	624 VOCs	625 SVOCs	TID	608 pest/PCBs		REMARKS
Composite	12/2/05	1130											X	X	X										
Grab	12/2/05	1130						1	1							X	X								
Semi Annual Grab	12/2/05	1130							1									X	X	X	X				

Special Instructions:

LABORATORY COMMENTS:
Init Lab Temp:
Rec Lab Temp: 18.6 on ice
Custody Seals: Y (N) N/A
Bottles Supplied by Test America: (Y) N
Method of Shipment: TA

Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Jon Pressler	12/2/05	1315	Kenneth Hunt	12/2/05	1315

MIL0004204

0001000000297000000000003194501 8

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

ACCOUNT NUMBER	10-0000029-7
AMOUNT DUE	$319.45
DUE DATE	Jan 27, 2006

For Service To: 1005 RANK PKY

00012783 01 AB 0.317 B 00053 65 FC02K

MILBANK MFG CO INC
PO BOX 754
KOKOMO IN 46903-0754

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

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

Customer Account Information

For Service To: MILBANK MFG CO INC
1005 RANK PKY
Account Number: 10-0000029-7
Premise Number: 10-0000018

Billing Period & Meter Information

Billing Date: Jan 10, 2006
Billing Period: Dec 06 to Jan 06 (31 days)
Next reading on/about: Feb 07, 2006
Rate Type: Industrial

Meter readings in current billing period:

Meter Number 031697349A is a 2-inch meter.

Present-actual	8342
Last-actual	8246

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

Present-actual	0
Last-actual	0
100 Cubic Feet used	96

1 cu. ft. equals 7.50 gallons

Gallons used	72000

Billing Summary

----------Prior Balance----------			
Balance from last bill			$705.48
Payments as of Jan 10, 2006. Thanks!			-705.48
Total prior balance, Jan 10, 2006			.00
----------Current Water Charges----------			
Customer Service Charge			92.01
Water Charge	*($2.451100*	*x 20.00)*	49.02
	($1.775800	*x 76.00)*	134.96
Total Use Billed		*96.00*	275.99
----------Other Current Charges----------			
Pub F/S Surchg Mtr Kokomo			23.57
Distrib System Improv Charge			1.81
Total other charges, Jan 10, 2006			25.38
----------Taxes----------			
Indiana Gross Retail Tax			18.08
Total taxes, Jan 10, 2006			18.08
----------Total Current Charges---------			$319.45
----------TOTAL AMOUNT DUE----------			$319.45

Number 1 Station Flow meter and PH reading

Month

December-05

	Previous Meter Reading	Current Meter Reading	Gallons Per Day	PH Reading
1	1240799	1244247	3448	7.88
2	1244247	1247449	3202	7.56
3			0	
4			0	
5	1247449	1253971	6522	7.46
6	1253971	1256944	2973	7.79
7	1256944	1259760	2816	7.69
8	1259760	1262180	2420	7.58
9	1262180	1264981	2801	7.65
10			0	
11			0	
12	1264981	1269406	4425	7.86
13	1269406	1272242	2836	8.39
14	1272242	1275866	3624	7.42
15	1275866	1278466	2600	7.76
16	1278466	1281421	2955	7.39
17			0	
18			0	
19	1281421	1286148	4727	7.58
20	1286148	1288886	2738	8.08
21	1288886	1292383	3497	7.62
22	1292383	1295386	3003	7.69
23	1295386	1299274	3888	7.80
24			0	
25			0	
26			0	HOLIDAY
27			0	HOLIDAY
28	ONE WEEK	PLANT SHUT	DOWN 0	HOLIDAY
29			0	HOLIDAY
30			0	HOLIDAY
31			0	

58475 Total Gallons

MILBANK MFG. DISCHARGE LOG
SAMPLE POINT # 2

DATE	START TIME	METER READING	STOP TIME	METER READING	COMMENTS/ MAINTENANCE
12-1	7:30	1239220	3:30	1242050	system (Testing)
12-5	7:30	1242050	2:30	1242050	Filter Press
12-6	1:00	1242050	2:45	1242690	system
12-7	7:20	1242690	10:00	1243380	system
12-8	7:30	1243380	3:00	1245810	system
12-9	7:30	1245810	1:15	1245810	Filter Press
12-12	7:30	1245810	1:30	1245810	Filter Press
12-13	7:15	1245810	1:00	1247720	system
~~12-15~~	~~7:15~~	~~1247720~~			
12-15	7:15	1247720	3:30	1249750	system
12-19	7:30	1249750	2:00	1249750	Filter Press
~~12-22~~		~~1249750~~			~~system~~
12-21	11:15	1249750	3:40	1251170	system
12-22	5:15	1251170	7:30	1251870	system
12-23	7:30	1251870	11:00	1251870	Filter Press

DATE: December 1ST 2005

MILBANK MANUFACTURING COMPANY

BEGINNING READING @ 7:00 AM 1239220

TIME	METER READING	INITIAL
7:30	1239230	SLH
8:00	1239430	SLH
8:30	1239600	SLH
9:00	1239780	SLH
9:30	1239950	SLH
10:00	1240140	SLH
10:30	1240310	SLH
11:00	1240500	SLH
11:30	1240660	SLH
12:00	1240840	SLH
12:30	1241020	SLH
1:00	1241190	SLH
1:30	1241370	SLH
2:00	1241550	SLH
2:30	1241700	SLH
3:00	1241870	SLH
3:30	1242050	SLH

Chemical Specialties

Marcus Bryant
913-661-0767

First Stage

Date	Initial	Concentration	Pressure	Temperature	pH	Replacements of drums	Clean Screens	Clean Nozzles	Comments
Ranges		1.60 –2.00	15 – 25	115°–130°	9.5 – 11.0	Cleaner 419-C	Daily	Weekly	
12-1	DK	1.80	15	116	9.90				
12-5	DK	1.80	15	115	9.99				
12-6	DK	1.80	15	117	9.97				
12-7	DK	1.80	15	116	9.87				
12-8	DK	1.80	15	115	9.89				
12-9	DK	1.80	15	117	9.85				
12-12	DK	1.80	15	115	9.80				
12-13	DK	1.80	15	117	9.77				
12-15	DK	1.80	15	115	9.85				
12-19	DK	1.80	15	117	9.95				
12-20	DK	1.80	15	115	9.93				
12-21	DK	1.80	15	115	9.87				
12-22	DK	1.80	15	116	9.85				
12-23	DK	1.80	15	118	9.88				

Chemical Specialties

Marcus Bryant
913-661-0767

Third Stage

Date	Initial	Concentration	Pressure	Temperature	pH	Replacements of drums	Clean Screens	Clean Nozzles	Comments
Ranges		1.65 – 2.31	15 – 25	110°–130°	4.0 – 5.5	Paint Lok 595	Daily	Weekly	
12-1	DK	2.64	15	118	5.49				
12-5	DK	2.64	15	117	5.22				
12-6	DK	2.64	15	116	5.20				
12-7	DK	2.64	15	115	5.45				
12-8	DK	2.64	15	117	5.47				
12-9	DK	2.64	15	116	5.49				
12-12	DK	2.64	15	115	5.51				
12-13	DK	2.64	15	116	5.54				
12-15	DK	2.31	15	115	5.69				
12-19	DK	1.98	15	116	6.16				
12-20	DK	1.98	15	116	6.12				
12-21	DK	1.98	15	117	6.09				
12-22	DK	1.98	15	115	5.51				
12-23	DK	1.98	15	117	5.48				

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	
						AM	PM	AM	PM	AM	PM			
12-1	DK	15	5.0	7:30	12:50	2.36	228	816	1073	769	657			
12-5	DK	15	5.1	10:30		2.37		220		949				1/2 Day
12-6	DK		4.9	7:45		237		890		1000				1/2 Day
12-7	DK	15	4.6	10:00	1:40	2.46	2.43	1316	1492	1143	1178			1/2 crew
12-8	DK	15	5.1	8:30	3:00	2.45	1459	870	1104	643	1087			
12-9	DK	15	5.0	8:45	1:15	1547	1542	1509	2022	1102	1230			
12-12	DK	15	5.0	7:15		1549		2201		1341				1/2 day
12-13	DK	15	5.1	10:30	3:15	1876	1881	1424	1499	1441	1748			
12-15	DK	15	5.1	8:00		1877		1897		1821				1/2 day
12-19	DK	15	5.1	9:00	2:15	2.230	2220	2109	2321	1285	1571			
12-20	DK	15	5.1	9:30	2:25	2217	2222	2497	2547	1469	1521			
12-21	DK	15	5.1	11:30	3:00	1981	1984	1799	1821	681	691			
12-22	DK	15	5.1	7:45		1848		1991		740				1/2 day
12-23	DK	15	4.8	8:00		1841		2210		770				1/2 day

MILBANK MANUFACTURING
WASTEWATER TREATMENT PLANT
CHEMICAL LOG

ATE	FERRIC CHLORIDE (42be)		CALCIUM CHLORIDE FLAKES (77%)		CAUSTIC SODA (50%)		SULFURIC ACID (66be)		WT-11		COMMENTS
	GALS USED	GALS REC.	GALS USED	GALS REC.	GALS USED	GALS REC.	GALS USED	GALS REC.	GALS USED	GALS REC.	Time Filled.
12-6	4GAL		150#								8:30
12-8					20GAL						11:15
12-12	4GAL		150#								2:45
12/12									4GAL		3:40
12-12							4GAL				3:50
12-15	4-GAL		150#								7:00
12-21									4GAL		2:45

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
7:00	12-1	Y	Y	NEUT 1	Y	4 + 10	3.97 - 10.00
7:00	12-1	Y	Y	NEUT 2	Y	4 + 10	4.02 9.98
1:30	12-1	Y	Y	FINAL	Y	9.39	4.00 + 10.00
8:00	12-6	Y	Y	NEUT 1	Y	4 + 10	399 - 9.98
8:00	12-6	Y	Y	NEUT 2	Y	4 + 10	397 - 998
2:30	12-6	Y	Y	FINAL	Y	9.44	4.00 + 10.00
7:10	12-7	Y	Y	NEUT 1	Y	4 + 10	400 - 10.02
7:10	12-7	Y	Y	NEUT 2	Y	4 + 10	400 - 10.01
9:00	12-7	Y	Y	FINAL	Y	9.14	400 + 10.00
7:10	12-8	Y	Y	NEUT 1	Y	4 + 10	402 - 10.01
7:10	12-8	Y	Y	NEUT 2	Y	4 + 10	400 - 10.01
1:30	12-8	Y	Y	FINAL	Y	9.35	4.00 + 10.00
7:10	12-13	Y	Y	NEUT 1	Y	4 + 10	403 - 10.00
7:10	12-13	Y	Y	NEUT 2	Y	4 + 10	402 - 10.00
11:00	12-13	Y	Y	FINAL	Y	8.38	4.00 + 10.00
7:00	12-15	Y	Y	NEUT 1	Y	4 + 10	402 10.00
7:00	12-15	Y	Y	NEUT 2	Y	4 + 10	400 9.97
11:30	12-15	Y	Y	FINAL	Y	9.37	400 + 10.00
~~7:20~~	~~12-22~~	~~Y~~	~~Y~~	~~NEUT 1~~	~~Y~~	~~4 + 10~~	~~402 - 999~~
~~7:20~~	~~12-22~~	~~Y~~	~~Y~~	~~NEUT 2~~	~~Y~~	~~4 + 10~~	~~400 - 997~~
	~~12-22~~	~~Y~~	~~Y~~	~~FINAL~~	~~Y~~		~~4.00 + 10.00~~
11:00	12-21	Y	Y	NEUT 1	Y	4 + 10	402 - 9.99
11:00	12-21	Y	Y	NEUT 2	Y	4 + 10	400 - 9.97
3:30	12-21	Y	Y	FINAL	Y	9.16	4.00 + 10.00
5:00	12-22	Y	Y	NEUT 1	Y	4 + 10	403 - 10.01
5:00	12-22	Y	Y	NEUT 2	Y	4 + 10	402 - 10.01
7:00	12-22	Y	Y	FINAL	Y	9.35	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		

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.

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