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	INITIAL	PH READING	PH CALIBRATION
7:30	5-1-01	Y	Y	NEUT 1	Y	SLH	4 + 10	3.99-4.00 / 9.98-9.99
7:30	5-1-01	Y	Y	NEUT 2	Y	SLH	4 + 10	4.00-4.02 / 9.98-9.99
9:45	5-1-01	Y	Y	FINAL	Y	SLH	9.45	4.00 / 9.99
7:30	5-2-01	Y	Y	NEUT 1	Y	SLH	4 + 10	4.02-4.04 / 9.98-9.99
7:30	5-2-01	Y	Y	NEUT 2	Y	SLH	4 + 10	3.99-4.01 / 9.97-9.99
1:00	5-2-01	Y	Y	FINAL	Y	SLH	9.73	4.00 / 9.99
7:00	5-3-01	Y	Y	NEUT 1	Y	SLH	4 + 10	4.01-4.03 / 9.97-9.98
7:00	5-3-01	Y	Y	NEUT 2	Y	SLH	4 + 10	3.99-4.01 / 9.99-10.00
7:30	5-3-01	Y	Y	FINAL	Y	SLH	9.44	4.00 / 9.99
7:20	5-4-01	Y	Y	NEUT 1	Y	SLH	4 + 10	3.98-4.00 / 9.97-10.00
7:20	5-4-01	Y	Y	NEUT 2	Y	SLH	4 + 10	3.97-3.99 / 9.97-9.98
9:00	5-4-01	Y	Y	FINAL	Y	SLH	9.59	4.00 / 9.99
7:00	5-8-01	Y	Y	NEUT 1	Y	SLH	4 + 10	3.99-4.00 / 9.97-9.98
7:00	5-8-01	Y	Y	NEUT 2	Y	SLH	4 + 10	3.98-3.99 / 9.97-9.98
11:30	5-8-01	Y	Y	FINAL	Y	SLH	9.68	4.00 / 9.99
7:00	5-9-01	Y	Y	NEUT 1	Y	SLH	4 + 10	3.99-4.01 / 9.97-9
7:00	5-9-01	Y	Y	NEUT 2	Y	SLH	4 + 10	4.02-4.03 / 9.97-9.99
9:30	5-9-01	Y	Y	FINAL	Y	SLH	9.70	4.00 / 10.00
7:15	5-10-01	Y	Y	NEUT 1	Y	SLH	4 + 10	4.00-4.01 / 9.97-9.99
7:15	5-10-01	Y	Y	NEUT 2	Y	SLH	4 + 10	4.02-4.03 / 9.99-10.01
8:45	5-10-01	Y	Y	FINAL	Y	SLH	9.67	4.00 / 10.00
7:15	5-14-01	Y	Y	NEUT 1	Y	SLH	4 + 10	4.02-4.03 / 9.98-9.99
7:15	5-14-01	Y	Y	NEUT 2	Y	SLH	4 + 10	3.98-3.99 / 9.97-9.98
2:25	5-14-01	Y	Y	FINAL	Y	SLH	9.74	4.00 / 10.00
7:15	5-15-01	Y	Y	NEUT 1	Y	SLH	4 + 10	3.98-4.00 / 9.98-9.99
7:15	5-15-01	Y	Y	NEUT 2	Y	SLH	4 + 10	4.01-4.03 / 9.97-9.99
9:00	5-15-01	Y	Y	FINAL	Y	SLH	9.79	4.00 / 10.00
7:15	5-16-01	Y	Y	NEUT 1	Y	SLH	4 + 10	3.99-4.01 / 9.98-9.99
7:15	5-16-01	Y	Y	NEUT 2	Y	SLH	4 + 10	3.98-3.99 / 9.97-9.99
8:00	5-16-01	Y	Y	FINAL	Y	SLH	9.75	4.00 / 10.00
7:15	5-17-01	Y	Y	NEUT 1	Y	SLH	4 + 10	4.01-4.02 / 9.99-10.01
7:15	5-17-01	Y	Y	NEUT 2	Y	SLH	4 + 10	4.00-4.02 / 9.98-9.99
8:00	5-17-01	Y	Y	FINAL	Y	SLH	9.70	4.00 / 10.00

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	INITIALS	PH READING	PH CALIBRATION
7:15	5.22.01	Y	Y	NEUT 1	Y	SLH	4 + 10	399.400 / 9.99.10.01
7:15	5.22.01	Y	Y	NEUT 2	Y	SLH	4 + 10	4.00.4.02 / 9.99.10.00
12:40	5.22.01	Y	Y	FINAL	Y	SLH	9.55	4.01 / 9.99
8:00	5.24.01	Y	Y	NEUT 1	Y	SLH	4 + 10	3.99.4.01 / 9.99.10.01
8:00	5.24.01	Y	Y	NEUT 2	Y	SLH	4 + 10	4.01.4.02 / 9.99.10.00
9:00	5.24.01	Y	Y	FINAL	Y	SLH	9.46	4.01.9.99
7:15	5.29.01	Y	Y	NEUT 1	Y	SLH	4 + 10	3.99.4.01 / 9.99.10.01
7:15	5.29.01	Y	Y	NEUT 2	Y	SLH	4 + 10	4.00.4.02 / 9.98.9.99
9:45	5.29.01	Y	Y	FINAL	Y	SLH	9.40	4.01 - 9.99
7:30	5.30.01	Y	Y	NEUT 1	Y	SLH	4 + 10	4.00.4.01 / 9.09.10.01
7:30	5.30.01	Y	Y	NEUT 2	Y	SLH	4 + 10	4.02.4.03 / 9.99.10.00
8:30	5.30.01	Y	Y	FINAL	Y	SLH	9.66	4.01 / 9.99
		Y	Y	NEUT 1	Y	SLH	4 + 10	
		Y	Y	NEUT 2	Y	SLH	4 + 10	
		Y	Y	FINAL	Y	SLH	4 + 10	
		Y	Y	NEUT 1	Y	SLH	4 + 10	
		Y	Y	NEUT 2	Y	SLH	4 + 10	
		Y	Y	FINAL	Y	SLH	4 + 10	
		Y	Y	NEUT 1	Y	SLH	4 + 10	
		Y	Y	NEUT 2	Y	SLH	4 + 10	
		Y	Y	FINAL	Y	SLH	4 + 10	
		Y	Y	NEUT 1	Y	SLH	4 + 10	
		Y	Y	NEUT 2	Y	SLH	4 + 10	
		Y	Y	FINAL	Y	SLH	4 + 10	
		Y	Y	NEUT 1	Y	SLH	4 + 10	
		Y	Y	NEUT 2	Y	SLH	4 + 10	
		Y	Y	FINAL	Y	SLH	4 + 10	
		Y	Y	NEUT 1	Y	SLH	4 + 10	
		Y	Y	NEUT 2	Y	SLH	4 + 10	
		Y	Y	FINAL	Y	SLH	4 + 10	
		Y	Y	NEUT 1	Y	SLH	4 + 10	
		Y	Y	NEUT 2	Y	SLH	4 + 10	
		Y	Y	FINAL	Y	SLH	4 + 10	

MILBANK MFG. DISHARGE LOG

SAMPLING POINT #2

DATE	START TIME	METER READING	STOP TIME	METER READING	INITIALS	COMMENTS/MAINTENANCE
5-1-01	7:45	251180	12:00	252730	SLH	System
5-2-01	7:30	252730	2:30	254630	SLH	System
5-3-01	7:00	254630	3:30	257610	SLH	System / Testing
5-4-01	7:20	257610	3:00	260240	SLH	System
5-7-01	6:45	260240	10:00	260240	SLH	Filter-press > no overflow
5-7-01	10:00	260240	12:30	260240	SLH	Filter-press > no overflow
5-7-01	12:30	260240	3:00	260240	SLH	Filter-press > no overflow
5-8-01	7:00	260240	3:00	261990	SLH	System
5-9-01	7:30	261990	3:00	264670	SLH	System
5-10-01	7:30	264670	3:00	267470	SLH	System
5-11-01	6:45	267470	9:00	267470	SLH	Filter-press- no overflow
5-11-01	9:00	267470	11:00	267470	SLH	Filter-press- no overflow
5-11-01	11:00	267470	1:00	267470	SLH	Filter-press- no overflow
5-11-01	1:00	267470	3:00	267470	SLH	Filter-press- no overflow
5-14-01	7:15	267470	3:00	269230	SLH	System
5-15-01	7:15	269230	3:00	272170	SLH	System
5-16-01	7:15	272170	3:00	274960	SLH	System
5-17-01	7:15	274960	3:00	276790	SLH	System
5-18-01	6:45	276790	8:45	276790	SLH	Filter-press > no overflow
5-18-01	8:45	276790	10:45	276790	SLH	Filter-press > no overflow
5-18-01	10:45	276790	12:45	276790	SLH	Filter-press > no overflow
5-18-01	12:45	276790	2:45	276790	SLH	Filter-press > no overflow
5-21-01	7:00	276790	8:15	276790	SLH	Filter-press > no overflow
5-22-01	7:15	276790	2:00	277820	SLH	System
5-24-01	8:00	277820	3:00	280160	SLH	System
5-29-01	7:30	280160	2:00	282420	SLH	System
5-30-01	7:30	282420	3:00	284870	SLH	System

MILBANK MANUFACTURING
WASTEWATER TREATMENT PLANT
CHEMICAL LOG

DATE	FERRIC CHLORIDE (42 be)		CALCIUM CHLORIDE FLAKES (77%)		CAUSTIC SODA (50%)		SULFURIC ACID (66 be)		WT-11		COMMENTS
	GALS USED	GALS REC.	GALS USED	GALS REC.	GALS USED	GALS REC.	GALS USED	GALS REC.	GALS USED	GALS REC.	
5-2-01	4gal		150#'s								Filled @ 10:30
5-2-01									4gals		Filled @ 10:30
5-3-01					200gals						Filled @ 10:15
5-3-01	4gal		150#'s								Filled @ 12:15
5-4-01	4gal		150#'s								Filled @ 12:15
5-4-01									4gals		Filled @ 12:15
5-8-01	4gal		150#'s								Filled @ 1:15 pm
5-9-01	4gal		150#'s								Filled @ 1:20 pm Started using tank drum
5-9-01									4gals		Filled @ 1:25 pm
5-10-01					200gals						Filled @ 7:00 AM
5-10-01	4gal		150#'s								Filled @ 1:30 pm
5-14-01	4gal		150#'s								Filled @ 1:00 pm
5-14-01									4gals		Filled @ 1:00 pm
5-15-01	4gal		150#'s								Filled @ 1:00 pm
5-21-01	4gal		150#'s								Filled @ 12:30 pm
[illegible]									4gals		Filled @ 12:30 pm
											~~Filled @ [illegible]~~
5-22-01	4gal		150#'s								Filled @ 7:00 AM
5-24-01	4gal		150#'s								Filled @ 7:00 AM
5-24-01					200gals						Filled @ 7:00 AM
5-24-01									4gals		Filled @ 7:00 AM
5-29-01	4gal		150#'s								Filled @ 8:00 AM
5-30-01									4gals		Filled @ 7:15 AM
5-30-01	4gal		150#'s								Filled @ 9:00 AM

DATE ORDERED	CHEMICAL ORDERED	AMOUNT ORDERED
5-29-01	Ferric Chloride	110 gals
5-29-01	Caustic Soda	55 gals