FRI. Fri 4			THUR. Thurs. 3			WED. Weds. 2			TUES. Tues. 5/1			MON. Mon 30			4/30 5/4 1990
11:30p	3:30p	7:30a	11:30p	3:30p	7:30a	11:30p	3:30p	7:30a	11:30p	3:30p	7:30a	11:30p	3:30p	7:30a	TIME
	9	9			10.0										CAUSTIC
							10	10		11	12			12	(1.7)
	15	17.0			26		33	36		41	43			Full 55	FLOC LEVEL
	8.4	11.9			12.4		7.4	9.4	[illegible]	11.0	7.4			7.2	SUMP A (PH-Reading)
	7.6	5.7			11.9		8.8	11.5	[illegible]	5.5	9.8			11.2	SUMP B (PH-Reading)
		11.0			11.0						[illegible]				SUMP A (PH-Paper)
		6.0			11.0										SUMP B (PH-Paper)
	1055	1530			2663		750	[illegible]	[illegible]	761	770			315	FLOWMETER
	3	14			10		1	31	[illegible]	15	7			6	CYCLES
															SAMPLE I.D.
		10.0			11.8									Empty	HOPPER A (PH-Paper)
		7.5			11.0									Empty	HOPPER B (PH-Paper)
							Lg Tank 124°		Lg Tank 108°			Lg Tank 104°			
						new H	Sm Tank 118°		Sm Tank 125°			Sm Tank 88°			
	130°F 0700		140°F 0700												

	5/11 FRI.			5/10 THUR.			5/9 WED.			5/8 TUES.			5/7 MON.			
TIME 5-7-90	11:30p	3:30p	7:30a	11:30p	3:30p	7:30a	11:30p	3:30p	7:30a	11:30p	3:30p	7:30a	11:30p	3:30p	7:30a	
CAUSTIC	8.0		10	10	10	11	11	11	Emptied Barrel 12		Emptied 12	7	7		7.0	
(1.7)																
FLOC LEVEL	22.5		26	30	32.5	33	37.	37.5	39		L	43.5	40		Filled 0	
PH-Reading SUMP A	11.1		8.3	12.	12.2	10.7	10.1	11.0	11.4			11.1	11.6		11.1	
PH-Reading SUMP B	10.4		11.7	8.9	11.1	11.3	8.5	11.6	11.6			8.9	12.3		12.2	
PH-Paper SUMP A												11.6				
PH-Paper SUMP B	9.50			10.20	/		8.4		10.5			9.0	11.		11.0	
FLOWMETER	3194		2863	2395	0000	4490	5296	1660	2994			2475	2136		5569	
CYCLES	33		16	09	4	18	12	6	13			17	15		15	
SAMPLE I.D.	2330			2330			2307						2320			
PH-Paper HOPPER A	9.8			10.0	~~10.~~		10.7					7.0	12		12	
PH-Paper HOPPER B	9.58			10.5	~~10.5~~		10.2	7	10			7.0	11.		11.	

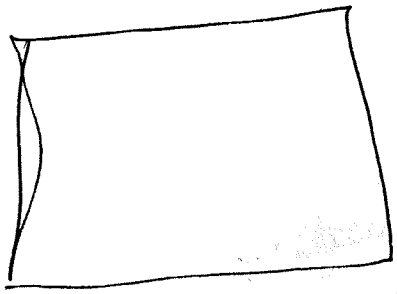
Sm. Hot H_2O input VALUE turn open 1/2 way & OUTPUT 1/4 turn to relieve PSI. 2300 050990

109° Sm and Lg 9:00 AM 5/11/90

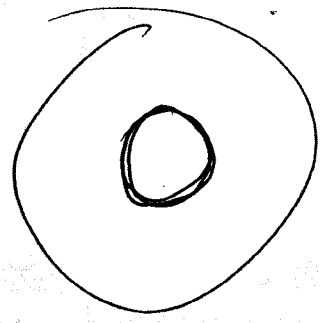
Sm. Tank 1/2 turn on INPUT Value 2321

136° Lg 130° Sm	L 127.7 / S 123.7	L 120°F / S 140°F	050790 Sm 146°F	2320 Lg 112°F	
	Lg 142°F / Sm 102°F				
051090 2300	Lg 120°F / Sm 120°F				
51190 2319	Lg 116°F / Sm 140°F				

Measure Sump A + B



A



B

	18		FRI.	17		THUR.	16		WED.	15		TUES.	14		MON.	
TIME	11:30p	3:30p	7:30a	11:30p	3:30p	7:30a	11:30p	3:30p	7:30a	11:30p	3:30p	7:30a	11:30p	3:30p	7:30a	
CAUSTIC (1.7)		32	32	32	Topped 32	27	27	25	28	7, 11ed		4		5	7	
FLOC LEVEL		20	22	26.3	29	32	32.5	34	36			37		47.5	Full	
PH-Reading SUMP A		6.3		11.6	11.3	11.0	11.7	11.4	8.3			10.5	[illegible]	8.1	10.6	
PH-Reading SUMP B		12	7.3	?	11.1	12.0	10.1	10.4	9.6			11.1	[illegible]	11.1	10.9	
PH-Paper SUMP A																
PH-Paper SUMP B				10.06			9.4									
FLOWMETER		2682	3774	2760	1813	3527	2287	1445	1530			3728	[illegible]	477	3300	
CYCLES		3	10	8	7	16	10	7	59			59	[illegible]	38	68	
SAMPLE I.D.							2330									
PH-Paper HOPPER A				8.4	8.5		9	9								
PH-Paper HOPPER B				9.7			9	9								

Sm.
OPEN INLET 1/2
OUTPUT 1/2
+ Process monitor is not STABLIZED
please have tech. repair problem.
2339

105 sm
105 lg
116 sm
122° Lg

132 sm Tank
116 Lg Tank
130 sm
118 Lg

130° Sm tank
106 Lg Tank

AKC-0014682

5-25

5-21

TIME	Friday 11:30p	Friday 3:30p	Friday 7:30a	Thursday 11:30p	Thursday 3:30p	Thursday 7:30a	Wednesday 11:30p	Wednesday 3:30p	Wednesday 7:30a	Tuesday 11:30p	Tuesday 3:30p	Tuesday 7:30a	Monday 11:30p	Monday 3:30p	Monday 7:30a
CAUSTIC (1.7)			6	0.7	7	8	52.5	8	10		13	16	16	17	17
FLOC LEVEL			44	47	48	52	8	7	7		7.5	9	9	10	12
PH-Reading PH-Paper: SUMP A			112	12	9.1	7.2	7.0	7.5	7.6		7.6	7.0	7.6	11.6	13.5
PH-Reading PH-Paper: SUMP B			11.9	12	11.3	7.0	7.0	7.6	7.8		7.7	7.3	6.8	11.1	13.0
PH-Reading PH-Paper: SUMP A				10.2								7.0	7.6		
PH-Reading PH-Paper: SUMP B				9.7			9.6					7.3	7.8		
FLOWMETER			4213	3802	3481	3207	2651	1200	1571		304	4465	3686	2225	6172
CYCLES			24	22	7	29	28	28	66		32	25	18	4	16
SAMPLE I.D.													2316		
PH-Paper: HOPPER A				9.8			9.8						[illegible]	105	13
PH-Paper: HOPPER B				9.7			9.8						9.	105	13
					0524 Lg. 112°F	90 Sm. 120°F	Lg. 118°F Sm. 140°F			Sm 124° 7 Lg 138° 7			Sm tank 10A Lg 120°		
													Sm. 140°F Lg. 126°F		Sm. 1/2 in. 1/4 out

Found the Boiler was off. switch on 2313

Found the power sourse to heating Band was not plug in. (caustic)

Found PROBLEM w/ PH system Fixed - all system are ok CLEANED OUT Sump A Filter

	Friday			Thursday			Wednesday			Tuesday			Monday		
TIME	11:30p	3:30p	7:30a	11:30p	3:30p	7:30a	11:30p	3:30p	7:30a	11:30p	3:30p	7:30a	11:30p	3:30p	7:30a
CAUSTIC (1.7)															
FLOC LEVEL	25	25	26	25	27	28	26	30 Filled	4	4	6	6	4	6	6
SUMP A (PH-Reading PH-Paper)	25	26	27	30	32.5	36	40	42.5	45	48	50	Empty	48	50	Empty
SUMP B (PH-Reading PH-Paper)	10.7	7.9	7.1	10.8	7.4	7.6	11.3	10.6	11.1	11.9	8.5	8.9	11.9	8.5	8.9
SUMP A (PH-Reading PH-Paper)	6.5	10.5	10.9	7.7	10.7	11.2	7.9	11.8	12.2	9.8	11.3	10.9	9.8	11.3	10.9
SUMP B (PH-Reading PH-Paper)	10.4														
FLOWMETER	9.6						10.8			8.0			8.0		
CYCLES	01931	1044	5787	4870	3819	4348	3336	2073	4004	3450	2651	2244	3450	2651	2244
SAMPLE I.D.	16	10	32	27	16	43	34	17	29	24	14	10	24	14	10
HOPPER A (PH-Paper)	2330									2315			2315		
HOPPER B (PH-Paper)	8.0	10.5		10	11.5	9.0	9.0	11		8.7	9		8.7	9	
	8.7	10.5		10	11.5	10	10.0	10.8		8.5	9		8	9	
	Plg: 108° Sm 119°			Boiler off 2345	Lg 137° Sm 120°		Lg: 120°F Sm 144°F			Lg 128°F Sm 122°F			138 104		
	Lg 122°F Sm 060190 124°F									open 1/4 on input for sm. TNK. Boiler on. Till 1st shift. Shuts off			Lg 128 Sm 122°F 2300		
													Plug Caustic Back on change sump Filter Gasket		