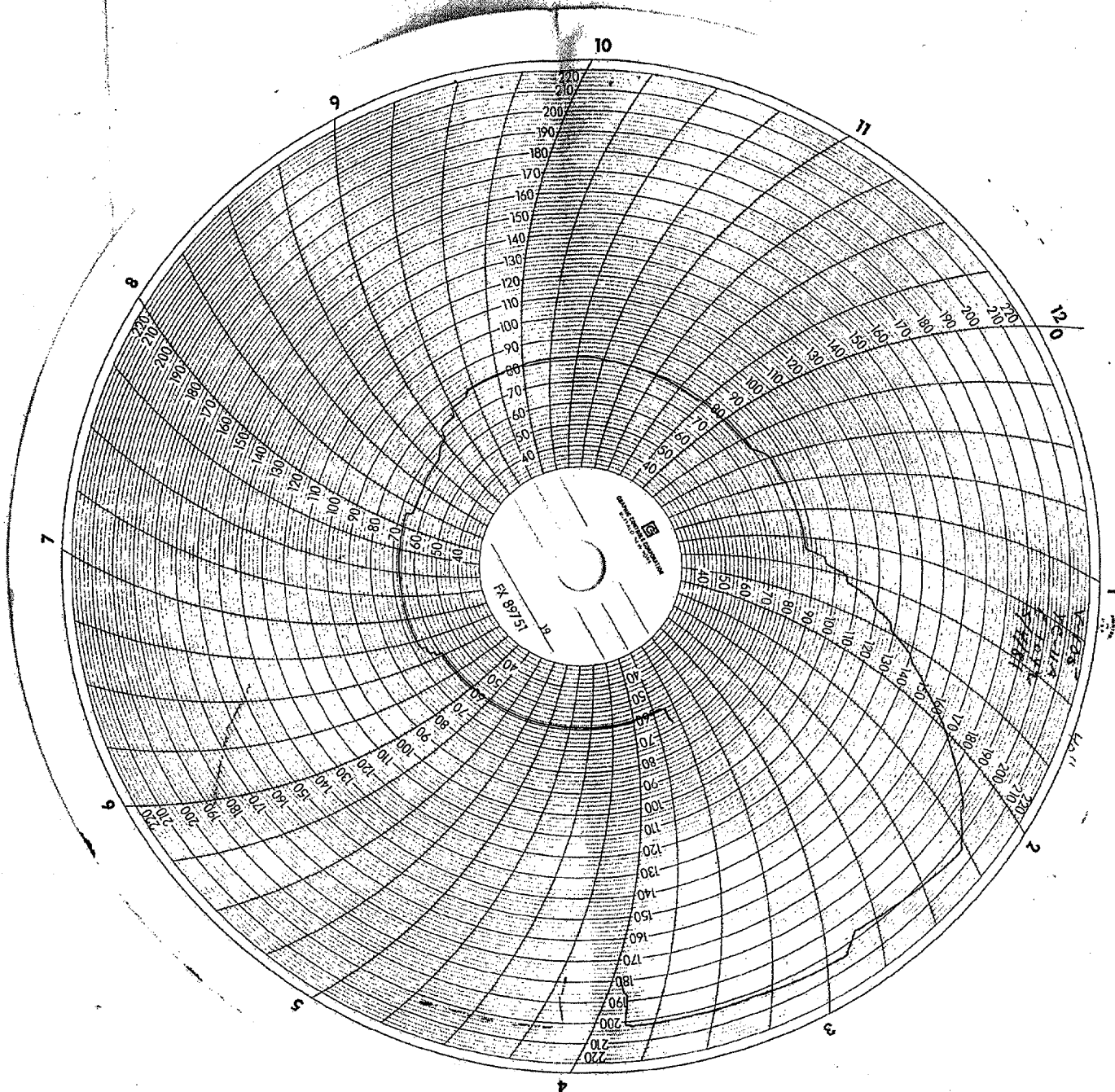


PROCESSES		APPROVED BY
(D) YC-11-A	()	EWK 9-27-77
() ALTERNATE	()	BBK 10-17-77
()	()	DCG 11-29-77
()	()	MTW 12-1-77
TYPED BY		
JLG 12-8-77		

NON-BLEEDING

U/PMENT	NAME: DALAMAR® YELLOW	USE LBS.	N CODE	ACCT. LBS.
Prep	1 Obtain for S 6		157-C	
	2 Obtain for S 22		46-C	
	3 Clean, dress, close 24" clarif press - 15 frames EAST			
DM	4 Run 10" (323 G) water into V- 300			
	5 Weigh in from V-324 M 2, 32.00 %	1431	28-D	458
	6 Dump & rinse in drums from S 1		157-C	974
	LOT # 100%			
	288 128 73.4 175			
	288 130 74.4 175			
	288 130 74.2 175			
	288 130 74.2 175			
	291 124 71.0 175			
	291 122 69.6 175			
	288 130 74.4 175			
	291 80 74.4 108			
Disc	7 Stir 10 min or longer to wet			
	8 Add to 33" (1155 G) at 28-32°F	10 x 330	57-A	3300
	9 Siphon in in 12-15 min M 6, 33.68 %	1173	725-A	400
	10 Stir 30 min at 28-32°F maintaining + CR, + KI for S 12			395
	Record: Time Start 5:00 PM CR + (+), KI + (+)			
	Note:			
	(1) If CR -, KI -, add 20# "as is" increments Assume 32%		28-D	
	Record: CR (+), KI (+)			
	(2) If CR +, KI -, add 20# "as is" increments Assume 33%			
	Record: CR (+), KI (+)			
IV	11 Slurry in 40 gal water in drum & precoat clarif press with	5	777-A	5
	12 When S 10 stir complete, dump in	15	113-A	15
	13 Dump in	10	777-A	10
	14 Stir 30 min at 28-32°F maintaining + CR, + KI for S 20		57-A	
	Record: Time Start 6:30 PM, CR + (+), KI + (+)			
	Note:			
	(1) If CR -, KI -, add 20# "as is" increments Assume 32%		28-A	
	Record: CR (+), KI (+)			
	(2) If CR +, KI -, add 20# "as is" increments Assume 33%		725-A	
	Record: CR (+), KI (+)			

EQUIPMENT		PAGE 2 CG 46 CODE (D)YC-11-A Alt EST. WGT. 2238	LBS.	USE LBS.	N CODE	ACCT. LBS.
CV 5	15	Run 10" (970 G) water into V-10 & install temp chart		935		
	16	Pour in M 8, 49.83%			7-D	466
	17	Adj to 40" (3904 G) at 66-70°F		3 x 330	57-A	
	18	Close stack damper				
	19	Stir for S 22				
DV 6	20	When 14 stir complete, test DV & Record: CR + (+), KI + (+), Temp: 30 (28-32°F)			57-A	
		Note:				
		(1) If CR-, KI-, add 20# "as-is" increments Assume 32%			28-A	
		Record: CR (+), KI (+)				
		(2) If CR+, KI-, add 20# "as-is" increments Assume 33%			725-A	
		Record: CR (+), KI (+)				
	21	Pump DV thru clarif press into V-315 maintaining temp at 28-32°F Record: Time Start 7:40 PM Total Min 90		2 x 330	57-A	660
CV 7	22	Dump into CV from S 2 LOT # 100% %			46-C	1265
		Note: Break up lumps LONZA 800 100.00 800				
		80591 465 100.00 465				
	23	Stir 10 min to dissolve				
	24	Open stack damper				
	25	Run in undersurface in 20-25 min M 6, 77.93%		715	30-D	713
	26	Stir 5 min & Record: pH 5.8 (5.8-6.3)				
	27	If necessary, adj to pH 5.8-6.3 & Assume 50%			7-D	
		Record: pH (5.8-6.3) Assume 77%			30-D	
DV 8	28	When S 21 clarif complete, wash DV (S 4) lines, pump & press for 20 min or to a -CR test on a sample of total press effluent whichever comes first. Collect washings in DV (S 21)				
		Record: Time Start 8:45 PM, CR - (- or +)				
	29	Stir 5 min & Record: Temp 30 (28-32°F) & If necessary, adj to 28-32°F. Record: °F		1 x 330	57-A	330
	30	Weigh in rubber bucket & wash into DV		10	395-D	10
	31	Stir 5 min & Record: KI + (-)				
	32	If necessary, adj to -KI & Record: KI - (-)		10	395-D	10
	33	Record: DV 52 "				
Misc 9	34	Weigh in drums for S 41 M 8, 49.83%			7-D	296
	35	Dissolve in 20 gal water in drum for S 43		82	979-A	8270
				70		
CV 10	36	When S 33 complete, adj CV to 48" (4685 G) at 80-84°F				
	37	Check accuracy: HT 80 °F & Recorder, 84 °F				
	38	Immediately run in DV thru undersurface distributor in 60-65 min. Maintain CV at 80-84°F				
		Record: Time Start 10:45 PM Total Min 70				
	39	When S 38 complete, stir 10 min				
		Immediately Break transfer line at CV				



EQUIPMENT		PAGE 3 CG 46 CODE (D)YC-11-A Alt-EST. WGT. 2238 LBS.	USE LBS.	N COD
CV	40	Record: Diazo (-), Base (+), pH (4.3-4.7)		
10		Note:		
Cont'd		(1) If Diazo +, Base -, and pH below 4.3:		
		(a) adj to pH 4.3-4.7 Assume 50%		
		(b) Record: pH		
		(2) If Diazo +, Base -, and pH 4.3 or above:		
		(a) add 8# 100% N-7-D to a 55 G drum		
		(b) adj with water to ± 25 G		
		(c) add 20# 100% N-46-C		46
		(d) stir to dissolve		
		(e) pour into CV		
		(f) stir 10 min		
		(3) Repeat (1) & (2) above as necessary to - Diazo, + Base		
	41	Pour in N-7-D from S 34 & stir 5 min		
	42	Record: pH (8.0-8.5) & if necessary Assume 50%		
		adj to pH 8.0-8.5. Record: pH Assume 32%		2
	43	Dump in N-979-A from S 35		
	44	Heat to 200-204°F in 58-62 min		
	45	Stir 90 min at 200-204°F. Record: Time Start		
	46	Flood to 94" (9174 G) & stop agitator		
		START FIN OPTR		

