Water Treatment Plant Division

City of San Jose del Monte, Bulacan

Water Quality Management Section

JAR TEST REPORT					Date Performed		://					
						Time Started		::()am ()pm				
					Time Completed		::()am ()pm					
TEST No. : JTR - WTP			Jar Test Unit Used : Phipps&Bird PB-900									
RAW WATER DATA:				COAGULANT SPECIFICATION:								
TURBIDITY, NTU :				COAGULANT		:						
Course of course to					BRAND	dolivory	lato.					
Source of sample :					Sample delivery date : Appearance :							
Time Collected ::_()am ()pn					Specific Gravity							
Temperature :					Other known parameters							
pH :					·							
Other Parameters : OBJECTIVE of the TEST:					Coagulant Aid, if any : AGITATION SCHEDULE:							
OBJECT	ive of the rest:											
					Step 1 Rapid mixing			:RPM @mins.				
					Step 2 Slow Mixing			: RPM @ mins.				
					Step 3	Settling		: mins.				
	OBSERVATI	ON			BEAKE	BEAKER NO.				REMARKS		
			1	2	3	4	5	6				
PAC DOSE,ppm												
Speed of Floc Formation, secs.												
Floc after Step 1												
Size after Step 2												
Turbidity of settled water, NTU @ 5 mins.												
Turbidity of settled water, NTU @ 10 mins.												
pH of settled water												
Temperature of settled water									 			
OPTIMUM DOSE (w/ check mark)												
CONCLU	USION:											
ı	FLOC SIZE REFERENCI	E:*			PERFORM	ANCE CH	ART: (X - (dose, ppm	: Y - Turb.,N	ITU		
D0	- No flocs or < 0.30m	nm	<u> </u>					Higher line -	Settled water			
D1	- 0.30mm to 0.50mn	n						Lower line -	Filtered water			
D2	- 0.50mm to 0.75mn	n										
D3	- 0.75mm to 1.00mn	n										
D4	- 1.00mm to 1.50mn	n	ļ									
D5	- 1.50mm to 2.25mm	n										
D6	- 2.25mm to 3.00mn	n										
D7	- 3.00mm to 4.50mn	n	<u> </u>		. L	<u>L </u>	<u> </u>	<u> </u>	<u> </u>	L 		
D8	- 4.50mm to 5.00mn	n 0										
Note: *Se	e floc size comparator c	hart.										

Performed by:	Checked by:	Noted by:			
Chemist On Duty	Sr. Engineer A, WTP Division	Manager, WTP Division			