



52. RESIDUAL CHLORINE

Analysis of the residual chlorine in drinking water.

Office or Division:		Water Resources Division		
Classification:		Highly Technical		
Type of Transaction:		G2G - Government to Government		
Who may avail:		GM / Division Head – Engineering, LWUA		
CHECKLIST OF REQUIREMENTS		WHERE TO SECURE		
None				
CLIENT STEPS	AGENCY ACTIONS	FEES TO BE PAID	PROCESSING TIME	PERSON RESPONSIBLE
1. None	1. Fill a tube to the first (5ml) line with sample	None	3 minutes	Water Utilities Management / Development Officer B
2. None	2. Insert the tube into the left opening of the comparator.	None	3 minutes	Water Utilities Management / Development Officer B
3. None	3. Fill another tube to the first (5ml) line with the sample	None	3 minutes	Water Utilities Management / Development Officer B
4. None	4. Add one DPD Free Chlorine reagent Powder Pillow to the second tube, Swirl to mix.	None	5 minutes	Water Utilities Management / Development Officer B
5. None	5. Insert the second tube into the right opening of the comparator.	None	3 minutes	Water Utilities Management / Development Officer B
6. None	6. Hold the comparator so that daylight or a fluorescent light source is directly behind the tubes. Rotate the color disc until the colors in the front windows match. The best match might	None	3 minutes	Water Utilities Management / Development Officer B



	occur between two color segments.			
7. None	7. Read the result in mg/L in the scale window. If the best match occurs between two color segments, determine the value halfway between the two printed numbers.	None	<i>3 minutes</i>	Water Utilities Management / Development Officer B
8. None	8. Record daily results in the log book.	None	<i>3 minutes</i>	Water Utilities Management / Development Officer B
9. None	9. Submits the result of Monthly Chlorine Residual report of water samples to LWUA.	None	<i>2 days</i>	Water Resources Division / Division Manager B
10. None	10. Files the result for monitoring the Chlorine Residual.	None	<i>2 hours</i>	Water Resources Division / Division Manager B
Total:		None	<i>2 days, 2 hours and 26 minutes</i>	