



2. 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	Edzel L. Lintag (Division Manager B) Jose Nilo Alex M. Ongoco (Water Utilities Management Officer A)
2. None	2. Insert the tube into the left opening of the comparator.	None	3 minutes	Edzel L. Lintag (Division Manager B) Jose Nilo Alex M. Ongoco (Water Utilities Management Officer A)
3. None	3. Fill another tube to the first (5ml) line with the sample	None	3 minutes	Edzel L. Lintag (Division Manager B) Jose Nilo Alex M. Ongoco (Water Utilities Management Officer A)
4. None	4. Add one DPD Free Chlorine reagent Powder Pillow to the second tube, Swirl to mix.	None	5 minutes	Edzel L. Lintag (Division Manager B) Jose Nilo Alex M. Ongoco (Water Utilities Management Officer A)
5. None	5. Insert the second tube into the right opening of the	None	3 minutes	Edzel L. Lintag (Division Manager B)



	comparator.			Jose Nilo Alex M. Ongoco (Water Utilities Management Officer A)
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 occur between two color segments.	None	<i>3 minutes</i>	Edzel L. Lintag (Division Manager B) Jose Nilo Alex M. Ongoco (Water Utilities Management Officer A)
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>	Edzel L. Lintag (Division Manager B) Jose Nilo Alex M. Ongoco (Water Utilities Management Officer A)
8. None	8. Record daily results in the log book.	None	<i>3 minutes</i>	Edzel L. Lintag (Division Manager B) Jose Nilo Alex M. Ongoco (Water Utilities Management Officer A)
9. None	9. Submits the result of Monthly Chlorine Residual report of water samples to LWUA.	None	<i>2 days</i>	Edzel L. Lintag (Division Manager B)
10. None	10. Files the result for monitoring the Chlorine Residual.	None	<i>2 hours</i>	Edzel L. Lintag (Division Manager B)
Total:		None	<i>2 days, 2 hours and 26 minutes</i>	