

National Water Supply & Drainage Board
Chemical Quality of Water - August 2010
Progress Report on Sampling & Testing

Note:- This Report indicates only the schemes where Chemical Water Quality are unsatisfactory

RSC-Western South

Region	Scheme	No. of Samples Tested	No. of Samples Unsatisfactory	No. of Samples Unsatisfactory Sampling Points with Details	Remedial Measures Suggested	Source	Note
Horana/Panadura	Dehiwala	27	3	1. Colour=90, Turbidity=20, Tap near the house RSC Office 2. Turbidity=13.5, Tap near the house RSC office. 3. Colour=80, Turbidity=36, tap near the house RSC office.	1. Informed OIC. 2. Resampling will be done after repairing		

RSC- Central

Region	Scheme	No. of Samples Tested	No. of Samples Unsatisfactory	No. of Samples Unsatisfactory Sampling Points with Details	Remedial Measures Suggested	Source	Note
Kandy Central	Koka-Oya	1	1	Colour=116, Turbidity=13, Treated Water (Service Reservoir)	Treated Water Reservoir Should be cleaned.		

Region	Scheme	No. of Samples Tested	No. of Samples Unsatisfactory	No. of Samples Unsatisfactory Sampling Points with Details	Remedial Measures Suggested	Source	Note
KANDY NORTH	Ukuwela	1	1	Colour=47, Treated Water	Treatment Plant Improvements are suggested		
	Hadeniya	1	1	Colour=71, Fe=1.62, Treated Water at plant	Treatment Plant Improvements are suggested		
	Matale	1	1	Colour=49, Turbidity=9.09, Treated water at plant	Treatment Plant Improvements are suggested		
	Udatenna	1	1	Colour=58, Turbidity=10.4, Treated water at plant	Treatment Plant Improvements are suggested		

RSC- Sabaragamuwa/Uva

Region	Scheme	No. of Samples Tested	No. of Samples Unsatisfactory	No. of Samples Unsatisfactory Sampling Points with Details	Remedial Measures Suggested	Source	Note
Bandarawela	Haputale	3	1	Colour=112, Turbidity=42, pH=10.1, Stock tank (Magiripura)	Filtration system should be introduced.		
	Welimada	1	1	Colour=243, Turbidity=54, Stock tank	Filtration system should be introduced.		
	Lunuwattha	3	2	1. Colour=114, Turbidity=14, Stock tank 2. Colour=53, Turbidity=12, tap at Yogas Hotel	Filtration system should be introduced.		

RSC- North Central

Region	Scheme	No. of Samples	No. of Samples Unsatisfactory	No. of Samples Unsatisfactory Sampling	Remedial Measures Suggested	Source	Note
Anuradhapura	Horowpathana	4	2	1. F=0.96, Vavunia Road 2. F= 1.45, Rest House Road	Domestic Fluoride removal will be fixed chlorinator	Bore hole	
	Kahatagasdigiliya	4	4	1. F=0.75 - 2.20, pH Konwewa & Koon Wewa Road		Bore hole	
	Kebithigollawa	4	4	1. F= 1.64 Site office 2. F= 1.02, BH Pattiya Watta 3. F= 1.78, BH-15 Kanuwa 4. F=0.9, LHC Padavi Road.		Bore hole	
	Padaviya	3	1	F= 1.2, BH03		Bore hole	

Region	Scheme	No. of Samples	No. of Samples Unsatisfactory	No. of Samples Unsatisfactory Sampling	Remedial Measures Suggested	Source	Note
Jaffna	Vaddukoddai	6	1	Electrical conductivity=3780, Chloride=1216, Dug Well 1- Bottom			Not good for drinking
	Karainagar	8	1	Electrical conductivity=4580, Chloride=1468, Dug Well 3- Bottom			Not good for drinking
	Araly	4	1	Electrical Conductivity=3960, Chloride=1326, Dug well 01- Bottom			Not good for drinking

RSC - North Western

Region	Scheme	No. of Samples Tested	No. of Samples Unsatisfactory	No. of Samples Unsatisfactory Sampling Points with Details	Remedial Measures Suggested	Source	Note
Kurunagala	Gokaralla	3	3	1. Colour=101, turbidity=19, NH3=0.36, Fe=1.70, Mn=0.8 Over Head tank 2. Colour=42-52, NH3=0.33-0.41, Mn=0.7, Distribution	Quality changed after construction of the wier. Recommend to improve the filtration efficiency of laterals or suitabel treatment process	Kuda Oya	Quality changed after construction of the wier.
	Dambadeniya	2	2	Colour=134, Turbidity=27, NH3=0.24, Iron=1.4, Mn=0.6, Sump	Recommended to add Iron removal process to this scheme.	Bore hole	

Region	Scheme	No. of Samples Tested	No. of Samples Unsatisfactory	No. of Samples Unsatisfactory Sampling Points with Details	Remedial Measures Suggested	Source	Note
Puttalam	Puttalam	6	1	NH3=0.49, Sump	Need to improve the aeration process. Functioning of the aerator-2 will be started as soon as possible. Informed to RM		New treatment process will be introduce. It is under testing stage
	Nattandiya	4	2	1. Colour=52, Turbidity=12, NH3=0.6, Sump 2. Colour=117, Turbidity=35, NH3=2.6, Distribution	Sump should be cleaned. Informed OIC.		
	Chilaw	4	1	NH3=0.28			
	Kakkapalliya	2	1	Colour=43, pH=6.24, (6.5)	Distribution should be cleaned		
	Madampe	5	1	NH3=0.37, Sump	Need to improve the aeration process.		
	Andigama	1	1	NH3=0.54, Mn=0.4, Site office	Need treatment improvement		

RSC- East

Region	Scheme	No. of Samples Tested	No. of Samples Unsatisfactory	No. of Samples Unsatisfactory Sampling Points with Details	Remedial Measures Suggested	Source	Note
Ampara	Narvithanwalli	2	2	1. Colour=520, Trubidity=90.2, Fe=7.41, pH=6.34, Well - 1 2. Colour=495, Turbidity=146, Fe=7.22, Well 02	Wells are souces for suppling & use this by consumer for exgternal purposes.	Well	