

National Water Supply & Drainage Board
Chemical Quality of Water - March 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
KALUTARA	Aluthgama	4	4	pH higher than 9.0 due to tide	
	Kalutara	45	19		
	Bombuwala	1	1		
	Kethhena	5	25		
Total		55	0		

RSC- Sabaragamuwa/Uva

Region	Scheme	No. of Samples Tested	No. of Samples Unsatisfactory	No. of Samples Unsatisfactory Sampling Points with Details	Remedial Measures Suggested
Bandarawela	Bandarawela	10	5	1. Colour=62, Turbidity = 10, Stock tank 2. Colour=74, Turbidity= 14 Stock tank Viduhalpathana 3. Colour=49, Stock tank Diyababila 4. Colour=52, Turbidity= 12, Tap at R M Office. 5. Colour= 106, Turbidity=25, Tap at Ellathota Site	Available Filtration systme should be improve.
	Hali Ela	6	6	1. Colour= 137, Turbidity=25, Stock tank (Nawoda) 2. Colour= 102, Turbidity= 18, Stock tank- Morethota 3. Colour= 157, Turbidity=28, tap at Hali Ela town 4. Colour=293, Turbidity=34, Stock Tank (Nawoda) 5. Colour=251, Turbidity=44, Tap at Hali Ela Town 6. Colour=223, Turbidity=45, Stock tank - Morethota.	Filtration system should be introduced.
	Viharakele	2	1	Colour =66, Turbidity= 13, Fe= 1.16, Stock tank	Purification system should be improved. Aeration should be apply.
	Lunuwatta	3	3	1. Colour= 109, Turbidity=26, Fe= 1.01, Stock tank. 2. Colour=55, Turbidity= 15, Tap at Yogas Hotel 3. Colour=62, Turbidity= 19, Tap at Piyasiri Hotel	Purification system should be improved. Aeration should be apply.
	Welimada	1	1	Colour=312, Turbidity=41, Fe= 1.06, Stock tank	Purification system should be improved. Aeration should be apply.

RSC - North Western

Region	Scheme	No. of Samples Tested	No. of Samples Unsatisfactory	No. of Samples Unsatisfactory Sampling Points with Details	Remedial Measures Suggested
Kurunagala	Dambadeniya	2	2	1. Colour=50, Turbidity=10, Sump 2. Colour=42, Turbidity=09, Fe=1.06 - 0.89, HH tap at No. 67, Narammala Road.	Improvement of aeration is recommended.
	Wariyapola	3	2	1. Colour=33, Over Head Tank. 2. Colour=37, H H Tap at No.271, Kurunagala Road.	Need conventional treatment.
	Ogodapola	2	2	1. Colour=48, Water tank 2. Colour=43, Turbidity=10, Cisten tank Kurunagala Road.	Improve the treatment process to remove the turbidity
	Ramgadagalla	3	1	Colour=57, Turbidity=11, Stand Post, Dodangaslanda land road.	Improve the treatment process to remove the turbidity
	Kurunagala	7	3	1. Turbidity=12, HH tap at NO. 36/3, Dambulla Road. 2. Colour=41, Turbidity=9, HH tap at No.453, Puttalam Road. 3. Colour=36, HH tap at No. 36, Kandy Road.	Filter media of the old treatment plant should be repalced.
	Wannigama	2	2	1. Colour=56, Turbidity=12, Housing scheme 2. Colour=119, Turbiidty =21, site office	Colour remoaval method is requiered.
	Pannala	2	2	1. Colour=39, Turbidity=11, Over head tank 2. Turbidity=11, HH tap at Kurunagala road.	Package plant is proposed.
	Giriulla	4	4	1. Colour=32, Turbididty=9, sump (Old) 2. Colour=104, Turbidity=25, Sump (New) 3. Colour=67, Turbidity=14, S.M. Sarath, Hamangalla Road. 4. Colour=52, Turbidity=18, HH tap at No. 18, Kurunagala road.	Improve the treatment process to remove the turbidity
	Nikaweratiya	2	1	Colour=121, Turbidity=22, Stand post at Puttalam road.	Problem will be solved after commencing of the new plant.
	Ambalanpola	2	2	1. NH3=01, Water Tank 2. NH3=1.02, Dethawa, Kurunagala road.	Need full treatment
	Padeniya	2	2	1. Colour=31, Overhead tnak 2. Colour=59, Turbidity=10, HH tap at Kurunagala road.	Need full treatment
	Galgamuwa	3	3	1. Colour=172, Turbidity=32, Sump 2. Colour=146, Turbidity=28, Over head tank. 3. Colour=58, Turbidity=16, No19, Ehetuwewa Road.	Need full treatment

Region	Scheme	No. of Samples Tested	No. of Samples Unsatisfactory	No. of Samples Unsatisfactory Sampling Points with Details	Remedial Measures Suggested
Puttalam	Puttalam	6	3	1. NH3= 0.46 , Sump. 2. NH3=0.72, HH tap at 220, Anuradhapura Road. 3. NH3=0.51, HH tap at 78/2, Nilfa concrete works.	This problem will be overcome with the improvement of the aeration process. Aerator I also should be functioned. Informed OIC.
	Rahamath Nagar	3	1	Colour=85, Turbidity= 12, Sump.	High colour is due to the depositions in the sump. Informed OIC to clean the sump.
	Chilaw	1	1	Colour=85, Turbidity= 12, Sump.	Informed OIC to clean the sump.
	Karukkapane	1	1	Colour = 145, Turbidity=24, NH3=0.51, Fe= 1.69, SP at housing scheme.	Need treatment improvement prior using for drinking purposes. Informed OIC.

RSC- East

Region	Scheme	No. of Samples Tested	No. of Samples Unsatisfactory	No. of Samples Unsatisfactory Sampling Points with Details	Remedial Measures Suggested
Ampara	Narvithanwalli	2	2	1. Colour=385, Turbidity=71.6, Fe=2.02, Well 01 2. colour= 147, turbidity=22.4, Fe= 1.14, Well 02.	Not using for drinking purposes.
	Damana (WSS+Plant)	3	2	1. Colour=38, Treatment plant. 2. Colour=41, Tower	Raw water colour =65, package filtration is not properly working. It is going to contact to irragamman line.