

National Water Supply & Drainage Board
Bacteriological Quality of Water - February 2011
Report on Sampling & Testing

RSC - Western Central

Region	Laboratory	No. of Samples Programmed	No. of Samples Tested	No. of Samples Unsatisfactory	Unsatisfactory Sampling Points with Details	Remarks /Remedial Measures Suggested
	CMC	-	348	0		
	Plant Lab (Ambatale)		97	0		
	Total		445	0		

RSC - Western South

Region	Laboratory	No. of Samples Programmed	No. of Samples Tested	No. of Samples Unsatisfactory	Unsatisfactory Sampling Points with Details	Remarks /Remedial Measures Suggested
Kalutara	Kalutara		13	0		
	Mathugama		2	2	1. RCI=Nil, Coliform=TNC, E.coli=TNC, pH=6.1, Turbidity=7, Treated Water 2. RCI=Nil, Coliform=TNC, E.coli=TNC, pH=6.1, Turbidity=5, House connection No. 354, Agalawatta Road	
	Aluthgama		2	0		
	Payagala		5	0		
	Wadduwa		7	0		
	Kethhena		2	0		
	Pilaminawattha		2	0		
	Bombuwala		1	0		
	Beruwala		4	0		
	Total		38	2		

Region	Laboratory	No. of Samples Programmed	No. of Samples Tested	No. of Samples Unsatisfactory	Unsatisfactory Sampling Points with Details	Remarks /Remedial Measures Suggested
Horana/ Panadura	Dehiwala		21	0		
	Moratuwa		19	0		
	Panadura		12	0		
	Horana		7	0		
	Bandaragama		10	0		
	Ingiriya		12	0		
		Total		81	0	

RSC - Western North

Region	Laboratory	No. of Samples Programmed	No. of Samples Tested	No. of Samples Unsatisfactory	Unsatisfactory Sampling Points with Details	Remarks /Remedial Measures Suggested
Gampaha	Attanagalla		1	0		
	Bataleeya		2	0		
	Diulapitiya		4	0		
	Kirindiwela		2	0		
	Gampaha - Yakkala		2	0		
	Gampaha		4	0		
	Meerigama		2	0		
	Minuwangoda		1	0		
	Minuwangoda Industrial Estate		1	0		
	Negombo		18	0		
	Nittambuwa-Kalagedihena		2	0		
	Pugoda		2	0		
	Raddolugama		4	0		
	Udugampola		1	0		
	Ranpokunagama		4	0		
	Ranpokunagama Ickalawatta		1	0		
	Ranpokunagama- Ranavirugama		1	0		
	Urapola		1	0		
Veyangoda		4	0			
	Total		57	0		

TNC= Too Numerous to Count

Region	Laboratory	No. of Samples Programmed	No. of Samples Tested	No. of Samples Unsatisfactory	Unsatisfactory Sampling Points with Details	Remarks /Remedial Measures Suggested
Towns North of Colombo	Peliyagoda		3	0		
	Kelaniya		9	0		
	Biyagama		12	0		
	Ragama		8	0		
	Ja-Ela		4	0		
	Welisara/ Wattala		11	0		
	Pamunugama		4	0		
	Kandana		4	0		
	Malwana		4	0		
	Hendala		4	0		
	Dompe		1	0		
	Church hill		4	0		
	Mahara		6	0		
	Total			74	0	

RSC - Central

Region	Laboratory	No. of Samples Programmed	No. of Samples Tested	No. of Samples Unsatisfactory	Unsatisfactory Sampling Points with Details	Remarks /Remedial Measures Suggested
Kandy South	Gampola		4	0		
	Gampolawatte		3	0		
	Mullepihilla		1	0		
	Thalathuoya		3	0		
	Ampitiya		3	0		
	Udu/Yatinuwara		4	0		
	Kadugannawa		3	0		
	Koka Oya		3	0		
	Hanthane		3	0		
	Upper Hanthane		3	0		
	Dartrie		3	0		
	Nillamba		1	0		
	Nawalapitiya		3	0		
	Maskeliya		3	0		
	Ginigathhena		3	0		
	Hatton WSS(L/L)		2	0		
	Hatton WSS (H/L)		3	0		
	Ulapane		3	0		
	Pundalu Oya		3	0		
	Meewathura New T/P		3	0		
Mahakanda		3	0			
University		3	0			
Total			63	0		

Region	Laboratory	No. of Samples Programmed	No. of Samples Tested	No. of Samples Unsatisfactory	Unsatisfactory Sampling Points with Details	Remarks /Remedial Measures Suggested
Kandy East	Medadumbara		3	0		
	Haragama		3	0		
	Kundasale		3	0		
	Balagolla		3	0		
	Total			12	0	

Region	Laboratory	No. of Samples Programmed	No. of Samples Tested	No. of Samples Unsatisfactory	Unsatisfactory Sampling Points with Details	Remarks /Remedial Measures Suggested
Kandy North	Greater Kandy Water Treatment Plant		4	0		
	Kurugoda		3	0		
	Kondadeniya		3	0		
	Kahalla		3	0		
	Akurana		4	0		
	Asgiriya		2	0		
	Kahawatte		4	0		
	Kulugammana		2	0		
	Alawathugoda		3	0		
	Pussella		3	2	1. RCI=Nil, Coliform=16, Jayakodi Stores 2. RCI=Nil, Coliform=6, House connection Mr. A R M Ratnayake	Instructed to maintain RCI of 1 ppm. RCI level at treatment plant was insufficient.
	Rajapihilla		3	0		
	Ukuwela		3	0		
	Pallemulla		3	0		
	Dambulla		4	0		
	Galagedara		4	1	RCI=0.4, Coliform=6, pH=6.8, Turbidity=18.1, Treatment plant	Instructed to maintain RCI of 1 ppm. No full treatment and the RCI level was insufficient. Informed the OIC.
	Hadeniya		2	0		
	Udatenna		4	1	RCI=Nil, Coliform=50, pH=7.4, Turbidity=16.5, Treatment plant	Partial treatment only
	Matale		3	0		
Naula		4	0			
Polgolla		4	0			
Wegiriya		3	0			
Total			68	4		

RSC- Sabaragamuwa/Uva

Region	Laboratory	No. of Samples Programmed	No. of Samples Tested	No. of Samples Unsatisfactory	Unsatisfactory Sampling Points with Details	Remarks /Remedial Measures Suggested
Ratnapura	Ratnapura		12	0		
	Kahawatte		5	0		
	Pelmadulla		5	0		
	Nivitigala		6	2	1. RCI=Nil, Coliform=12, Tap at the Town 2. RCI=0.4, Coliform=6, Tap at the Market	Advised to chlorinate the water as per the given instructions. Resampling was satisfactory on 09/02/2011. Advised to increase the contact time. Resampling was satisfactory on 09/02/2011.
	Balangoda		7	0		
	Embillipitiya		16	0		
	Eheliyagoda		5	0		
	Udawalawe		14	0		
	Total			70	2	

Region	Laboratory	No. of Samples Programmed	No. of Samples Tested	No. of Samples Unsatisfactory	Unsatisfactory Sampling Points with Details	Remarks /Remedial Measures Suggested
Kegalle	Hiriwadunna		4	0		
	Moranthota		8	0		
	Mawanella		19	0		
	Hemmathagama		4	0		
	Aranayake		3	0		
	Ruwanwella		3	0		
	Yatiantota		2	0		
	Bulathkohupitiya		2	0		
	Kannanthota		2	0		
	Gonagaldeniya		3	0		
	Warakapola		2	0		
	Dehiowita		2	0		
Total			54	0		

Region	Laboratory	No. of Samples Programmed	No. of Samples Tested	No. of Samples Unsatisfactory	Unsatisfactory Sampling Points with Details	Remarks /Remedial Measures Suggested
Moneragala	Moneragala		6	0		
	Siyambalanduwa		4	0		
	Okkampitiya		3	2	1. RCI=0.1, Coliform=18, E.coli=8, Turbidity=6, pH=8.2, Tap at NWSDB Office 2. RCI=Nil, Coliform=24, E.coli=10, Turbidity=5, pH=8.2 Tap opposite the Maha Vidyalyaya.	Advised to clean the pipe line & chlorinate. Resampling was satisfactory on 28/02/2011.
	Bibile		3	0		
	Thanamalwila		5	0		
	Nakkala		2	0		
	Buttala		5	0		
	Medagama		5	0		
	Sevanagala		3	0		
	Badalkumbura		3	0		
	Wellawaya		8	0		
Total			47	2		

Region	Laboratory	No. of Samples Programmed	No. of Samples Tested	No. of Samples Unsatisfactory	Unsatisfactory Sampling Points with Details	Remarks /Remedial Measures Suggested
Bandarawela	Ambagasdowa		3	0		
	Amunukele		2	0		
	Badulla		13	0		
	Bandarapura		3	0		
	Bandarawela		11	0		
	Black Tank		1	0		
	Bogahakumbura		2	0		
	Boralanda		3	0		
	Dehigolla		2	2	1. RCI=Nil, Coliform=225, E.coli=95, Turbidity=6, pH=7.62, Stock tank 2. RCI=Nil, Coliform=TNC, E.coli=TNC, Turbidity=4, pH=7.60, Stock tank	Small stock tank, there is no in & out control of water flow. Therefore difficult to control the RCI value with Consent Head chlorinator. Resampling was unsatisfactory on
	Divitotawela		1	0		
	Diyatalawa		6	0		
	Dodamwatta		1	0		
	Giradurukotte		3	0		
	Haldummulla		2	0		
	Hali Ela		2	0		
	Haputale		2	0		
	Kandeketiya		2	0		
	Keppetipola		1	0		
	Kolathenna		1	0		
	Liyangahawela		1	0		
	Lunuwatte3		2	0		
	Singhapura 01		1	0		
	Wakarawa		1	0		
	Welangolla		2	2	1. RCI=Nil, Coliform=115, E.coli=75, Turbidity=5, pH=7.2, Stock tank 2. RCI=Nil, Coliform=TNC, E.coli=250, Turbidity=6, pH=7.46. Stock tank	Advised to chlorinate as per the given instructions. Resampling was unsatisfactory on 23/02/2011.
	Madowita		1	0		
	Madawela		2	0		
	Magiripura		1	0		
	Mahiyanganaya		2	0		
	Seelathenna		2	0		
	Viharakele		1	0		
Silmiyapura		1	0			
Welimada		1	0			
Total			79	4		

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RSC - North

Region	Laboratory	No. of Samples Programmed	No. of Samples Tested	No. of Samples Unsatisfactory	Unsatisfactory Sampling Points with Details	Remarks /Remedial Measures Suggested
Jaffna / Kilinochchi	Velanai		2	0		
	Kaithady		2	0		
	Watharawattai/ Attchuveli		2	0		
	Chunakkam		2	0		
	Kayts		2	0		
	Karaveddy		2	0		
	Karainagar		2	0		
	Araly		2	0		
	Valvettithurai		2	0		
	Vaddukoddai		2	0		
	Kilinochchi Mini Scheme		1	0		
	Total			21	0	

Region	Laboratory	No. of Samples Programmed	No. of Samples Tested	No. of Samples Unsatisfactory	Unsatisfactory Sampling Points with Details	Remarks /Remedial Measures Suggested
Vavunia	Vavunia		15	0		
	Mannar		5	0		
	Erukalam pitti		3	0		
	Vankalai		4	0		
	Total			27	0	

RSC - North Central

Region	Laboratory	No. of Samples Programmed	No. of Samples Tested	No. of Samples Unsatisfactory	Unsatisfactory Sampling Points with Details	Remarks /Remedial Measures Suggested
Anuradhapura	Thalawa		2	0		
	Thambuttegama		3	0		
	Padaviya		3	0		
	Madawachchiya		4	0		
	Horowpathana		3	0		
	Eppawala		2	0		
	Polonnaruwa		4	0		
	Hingurakgoda		2	0		
	Bakamoona		2	0		
	Dimbulagala		1	0		
	Minneriya		4	0		
	Mihinthale		4	0		
	Wijepura		4	0		
	Galnewa		4	0		
	Nachchaduwa		3	0		
	Kahatagasdigiliya		3	0		
	New Town		8	0		
	Sacred City		9	0		
Total			65	0		

RSC- North Western

Region	Laboratory	No. of Samples Programmed	No. of Samples Tested	No. of Samples Unsatisfactory	Unsatisfactory Sampling Points with Details	Remarks /Remedial Measures Suggested
Kurunagala	Kurunegala		12	0		
	Polgahawela		6	0		
	Alawwa		2	0		
	Pannala		2	0		
	Wariyapola		2	0		
	Ambanpola		2	0		
	Galgamuwa		3	0		
	Kuliyapitiya		2	0		
	Udagama		2	0		
	Gokaralla		2	0		
	Dodangaslande		2	0		
	Rambodagalle		3	0		
	Hettipola		1	0		
	Giriulla		4	0		
	Dambadeniya		2	0		
	Narammala		2	0		
	Ogodapola		2	0		
Total			51	0		

Region	Laboratory	No. of Samples Programmed	No. of Samples Tested	No. of Samples Unsatisfactory	Unsatisfactory Sampling Points with Details	Remarks /Remedial Measures Suggested
Puttalam	Puttalam		6	0		
	Andigama		2	0		
	Anamaduwa		2	0		
	Dankotuwa		5	0		
	Madampe		6	0		
	Nattandiya		2	0		
	Wennappuwa		2	0		
	Chilaw		2	0		
	Kakkapalliya		1	0		
	Rahamath Nagar		2	0		
	Total			30	0	

RSC- Southern

Region	Laboratory	No. of Samples Programmed	No. of Samples Tested	No. of Samples Unsatisfactory	Unsatisfactory Sampling Points with Details	Remarks /Remedial Measures Suggested
Galle	Galle		24	2	1. RCI=0.5, Coliform=10, Turbidity=2, pH= 7.1, No. 160, Hirimbura Road, near Kaduwatta Junction 2. RCI=0.7, Coliform=9, Turbidity=1.6, pH=6.5, Sampling tap, OIC	Instructed the OIC to check the line & wash the distribution system.
	Wakwella		2	0		
	Pitigala		4	0		
	Ambalangoda		15	2	RCI=0.7, Coliform=11, Turbidity=0.6, pH=7.9, H.H tap, No.164/34, Akkara 18, 1st Cross Road, Talgasgoda.	Water samples failed at this location repeatedly since December 2010. Hence, 2 samples were taken. Instructed the OIC to check the line & wash the
	Akmeemana/Habaraduwa		8	0		
	Ahangama		8	0		
	Baddegama		9	0		
	Hapugala		5	0		
	Elpitiya		8	0		
	Hikkaduwa		12	0		
	Bope/ Poddala		1	0		
	Batapola		4	0		
	Balapitiya		6	4	1. RCI=Nil, Coliform=20, Turbidity=0.6, pH=7.2, H.tap, No: 04, Aurara Village, Kosgoda 2. RCI=Nil, Coliform=TNC, Turbidity=59.6, pH=7.3, H.tap, No: 22, Unesco Village, Kosgoda 3. RCI=Nil, Coliform=7, H.H.tap, Vidyanimna, Galle Road, Kosgoda 4. RCI=Nil, Coliform=TNC, H tap, No:	Instructed the OIC to increase the Chlorine dosage.
Total			106	8		

Region	Laboratory	No. of Samples Programmed	No. of Samples Tested	No. of Samples Unsatisfactory	Unsatisfactory Sampling Points with Details	Remarks /Remedial Measures Suggested
Matara	Diyagaha		11	0		
	Deniyaya		8	1	RCI=Nil, Coliform=10, House tap, Dharmasiri house, Rakwana Junction	Informed the OIC. Resampling was satisfactory on 21/02/2011.
	Dickwella		15	0		
	Devinuwara		10	0		
	Hallala		2	0		
	Gandara		8	0		
	Karagoda/ Uyangoda		8	0		
	Kottegoda		12	0		
	Kudawella		9	0		
	Urubokke		8	2	1. RCI=Nil, Coliform=9, House tap, "Sampath", Katuwana Road 2. RCI=Nil, Coliform=6, Sampling tap, near the Police Station	Informed the OIC. Resampling was satisfactory on 21/02/2011& 09/03/2011.
	Weligama		11	0		
	Kamburugamuwa		4	0		
	Radampola		2	0		
	Nadugala		1	0		
	Makandura		2	0		
	Thihagoda		3	0		
	Malimbada		3	0		
Akurassa		8	0			
Matara			41	0		
Total			166	3		

TNC= Too Numerous to Count

Region	Laboratory	No. of Samples Programmed	No. of Samples Tested	No. of Samples Unsatisfactory	Unsatisfactory Sampling Points with Details	Remarks /Remedial Measures Suggested
Hambantota	Ambalantota		10	0		
	Angunukolapelessa		4	0		
	Bundala		4	0		
	Hungama/ Ranna		10	0		
	Katuwana		2	0		
	Beliatta		3	0		
	Kirinda		3	0		
	Kirama		2	0		
	Hambantota		12	0		
	Kataragama		14	0		
	Ridiyagama (New)		2	0		
	Ridiyagama (Old)		1	0		
	Sooriyawewa		4	0		
	Tanqalle		11	0		
	Tissa		5	0		
	Walasmulla		3	0		
	Lunugamvehera		14	0		
	Muruthawela		4	0		
Total			108	0		

RSC - East

Region	Laboratory	No. of Samples Programmed	No. of Samples Tested	No. of Samples Unsatisfactory	Unsatisfactory Sampling Points with Details	Remarks /Remedial Measures Suggested
Trincomalee	Kantale		14	0		
	Kinniya		3	0		
	Trincomalee		22	0		
	Sambalthive		2	0		
	Varodayanagar		2	0		
	Kappalthurai		3	0		
	Thambalangamuwa		3	0		
	Orr's Hill		2	0		
Total			51	0		

Region	Laboratory	No. of Samples Programmed	No. of Samples Tested	No. of Samples Unsatisfactory	Unsatisfactory Sampling Points with Details	Remarks /Remedial Measures Suggested
Ampara	Batticaloa		3	0		
	Kathankudy		2	0		
	Kalmunai		14	0		
	Samanthurai		10	0		
	Sainthamaruthu		7	0		
	Kallar		6	0		
	Karaitivu		4	0		
	Nainathivu		5	0		
	Akkaraipattu		8	0		
	Irakkamam		4	0		
	Ampara		19	0		
	Damana		4	0		
	Pottuvil Ullah		4	0		
	Padiyathalawa		2	0		
	Dehiattakandiya		2	0		
	Inginiyagala		2	0		
	Maha Oya		2	0		
	Palamuai		3	0		
	Thirukovil		3	0		
	Addalaichenai		3	0		
	Uhana		4	0		
Maruthamunai		4	0			
Total			115	0		