


Department of Water Affairs - Gauteng Region - Upper Vaal Water Management Area

Water Quality Status of the Blesbokspruit and Suikerbosrand Catchment from January - March 2012

Blesbok Monitoring Points	Point Description	 Sample Point Description	Ammonium Nitrogen (mg/l)	Chemical Oxygen Demand (mg/l)	Chloride (mg/l)	Conductivity(mS/m @25C)	Nitrate and Nitrite (mg/l)	Orthophosphate (mg/l)	pH	Sulphate (mg/l)	Faecal Coliforms ms (cfu/100ml)	Month of Monitoring and Analysis undertaken by Erwat Laboratory and variables measured as ideal,acceptable,tol
1	C2H189Q01	Blesbok Spruit @ Snake Rd	0.30	29	16	26	<0.1	2.0	8.8	33	47	January
			11.10	12	19	25	0.6	<0.1	7.2	37	120	February
			0.4	28	94	27	0.1	0.7	9.2	50	22	March
2	C2H196Q01	Blesbok Spruit @ Main Reef Rd	1.1	21	22	33	0.4	0.6	7.3	294	94	
			10.5	<10	33	35	3.7	<0.1	7.1	25	11000	
			0.2	19	66	32	0.5	<0.1	7.3	58	45	
3	C2H200	Blesbok Spruit @ Enstra Rd	0.1	25	38	43	0.4	0.3	7.1	79	120	
			0.4	<10	31	36	10.0	0.1	7.2	65	52	
			0.1	13	34	34	0.2	0.1	7.8	43	13	Keys
4	C2H203Q01	Cowles Dam	0.1	34	51	54	0.1	0.2	7.4	75	480	IDEAL
			<0.1	20	49	51	0.3	<0.1	7.5	61	24	ACCEPTABLE
			0.1	27	57	49	<0.1	0.1	7.9	50	13	TOLERABLE
5	C2H177	Blesbok Spruit@Welgedacht	1.7	73	40	55	1.7	0.4	7.5	62	5000	UNACCEPTABLE
			<0.1	53	46	56	0.1	0.1	7.2	55	2100	
			5.8	76	60	61	0.7	0.4	7.4	74	190000	
6	C2H150Q01	R555 Road Bridge on Blesbokspruit	0.6	24	33	59	0.3	0.3	7.8	119	140	
			3.1	29	46	54	0.4	0.3	7.1	64	2100	
			2.1	31	36	57	0.2	0.3	7.6	41	10900	
7	C2H142Q01	Grootvlei mine Bridge East	2.0	28	54	66	0.1	0.7	7.2	95	160	
			<0.1	14	47	56	0.1	0.6	7.1	68	160	
			2.5	19	86	65	<0.1	0.3	7.6	57	30	
8	C2H149Q01	Nigel R51 Road Bridge to Balfour	0.1	37	67	76	<0.1	0.8	7.3	110	340	
			<0.1	<10	57	69	0.1	0.6	7.7	77	610	
			<0.1	19	55	69	0.1	0.1	7.9	59	200	
9	C2H185Q01	Poortjie Road on Blesbokspruit	0.1	46	51	62	0.4	0.6	7.4	93	27000	
			<0.1	11	59	66	0.1	0.4	7.9	114	2500	
			0.3	<10	56	67	0.6	0.1	8.0	58	4500	
10	C2H131Q01	Colliery point on Suikerbosrand river	0.2	73	16	22	0.5	0.3	7.3	34	370	
			7.4	52	21	23	1.2	<0.1	7.6	30	700	
			0.1	43	94	24	0.1	0.1	7.2	38	230	
11	C2H004Q01	Suikerbosrand river @ Vereeniging	0.1	46	56	63	0.6	0.5	7.6	96	400	
			<0.1	11	56	65	0.2	0.1	7.8	82	420	
			<0.1	11	64	56	1.2	0.2	8.0	65	210	