

Tabel SD-13 A. Kualitas Air Sungai Dengan Parameter Hasil Pengukuran yang Melebihi Nilai Baku Mutu
Provinsi : Papua (Di 9 Kabupaten & 1 Kota)
Tahun Data : 2010

No.	Kabupaten/ Kota	Nama Sungai	Titik Koordinat	Parameter																					
				TDS (mg/L)	TSS (mg/L)	BOD (mg/L)	COD (mg/L)	Besi (mg/L)	Cadmium (mg/L)	Mangan (mg/L)	Timbal (mg/L)	Tem- baga (mg/L)	DO (mg/L)	Minyak dan Lemak (µg/L)	Fenol (µg/L)	Chlorine (µg/L)	Fecal coli Jml/ 100 ml	Total Coliform Jml/ 100 ml	Phos- pat (mg/L)	Amonia (mg/L)	Deterjen/ MBAS (µg/L)	Chro- mium (mg/L)	Sulfat (mg/L)	Zinc (mg/L)	
NILAI BAKU MUTU				1,000	50	2	10	0.3	0.01	0.1	0.03	0.02	>6	1,000	1	0.03	100	1,000	0.2	0.5	200	0.05	400	0.05	
1	Kota Jayapura	1. - Sungai Anafre Hulu	LS. 02°32'740" BT. 140°41'928"	-	68	3.49	65	-	0.025	-	-	-	-	193,000	2	0.1	-	1,898	1.5	-	379	-	-	-	
			LS. 02°32'38.3" BT. 140°42'14.5"	-	285	3.66	58	8.325	0.026	0.41	0.095	0.053	-	148,000	4	0.05	-	-	-	-	457	-	-	-	-
		2. - Sungai Kloofkamp Hulu	LS. 02°32'17.2" BT. 140°41'42.5"	-	68	3.18	30.7	-	-	-	0.049	-	-	293,000	19	-	147	1,898	0.5	0.62	-	-	-	-	-
			LS. 02°32'38.3" BT. 140°42'14.5"	-	113	3.26	77	-	-	-	0.176	-	-	154,000	2	0.15	-	-	0.5	-	352	-	-	-	-
		3. - Sungai Ajend Hulu	LS. 02°36'50.1" BT. 140°39'56.9"	-	75	3.98	38.4	0.863	-	-	-	0.167	-	65,000	4	0.15	-	1,898	0.5	0.61	-	-	-	-	-
				-	102	3.17	81	0.394	-	-	0.132	0.035	-	176,000	12	-	188	1,898	0.5	-	312	-	-	-	-
2	Kab. Jayapura	1. - Sungai Damsari Hulu	LS. 02°50'44" BT. 140°40'85"	-	107	3.94	-	-	-	-	0.091	-	-	99,000	3	0.15	-	1,898	0.5	0.62	-	-	-	0.078	
				-	173	3.95	-	0.421	-	-	-	-	-	192,000	2	0.15	-	1,898	-	0.62	-	-	-	-	0.082
		2. - Sungai Belo Hulu	LS. 02°56'56" BT. 140°51'04"	-	61	3.15	-	-	-	-	-	-	-	31,900	2	0.15	-	1,898	0.5	-	-	-	-	-	0.076
				-	191	3.66	-	-	-	-	-	0.279	-	-	38,000	20	0.15	188	1,898	1	-	235	0.061	-	0.076

Lanjutan Tabel SD-13 A.

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				TDS (mg/L)	TSS (mg/L)	BOD (mg/L)	COD (mg/L)	Besi (mg/L)	Cadmium (mg/L)	Mangan (mg/L)	Timbal (mg/L)	Tembaga (mg/L)	DO (mg/L)	Minyak dan Lemak (µg/L)	Fenol (µg/L)	Chlorine (µg/L)	Fecal coli Jml/ 100 ml	Total Coliform Jml/ 100 ml	Phosphat (mg/L)	Amonia (mg/L)	Deterjen/ MBAS (µg/L)	Chromium (mg/L)	Sulfat (mg/L)	Zinc (mg/L)		
Nilai Baku Mutu				1,000	50	2	10	0.3	0.01	0.1	0.03	0.02	>6	1,000	1	0.03	100	1,000	0.2	0.5	200	0.05	400	0.05		
3	Kab. Merauke	1 - Sungai Kumbe Hilir	LS. 08°21'33.0" BT. 140°13'23.3"	-	732	62.1	307.2	0.601	-	-	0.223	0.074	2.40	26,000	12	0.15	-	-	-	-	-	-	-	0.066		
		2 - Kali Bukit Key	-	-	81	-	58	0.620	-	-	-	0.065	2.30	518,000	52	0.1	-	-	-	0.55	-	-	-	-	0.065	
		3 - Kali Onggari	-	-	144	-	58	1.764	-	-	0.165	0.073	2.10	273,000	4	0.05	-	-	-	-	-	-	-	-	0.065	
		4 - Rawa Tapang Padang Raharja	-	-	103	-	46	4.044	0.023	-	0.044	0.085	2.80	142,000	4	0.15	-	-	0.5	0.6	-	-	-	-	-	
		5 - Sungai Neto	LS. 08°16'21.9" BT. 140°22'57.9"	-	61	2.10	38.4	2.816	-	-	0.044	0.073	-	337,000	13	0.15	-	-	-	0.56	-	-	-	-	-	-
		6 - Sungai Maro Tengah	LS. 08°28'05.2" BT. 140°23'42.3"	-	143	82.0	307.2	1.260	0.018	-	0.041	0.044	2.70	184,000	19	0.15	-	-	0.5	-	-	-	-	-	-	-
		7 - Sungai Maro Hilir	LS. 08°28'40.3" BT. 140°23'25.2"	-	638	62.2	288	1.236	0.015	-	0.296	0.029	2.90	81,000	-	0.15	-	-	0.5	0.55	-	-	-	-	-	-
4	Kab. Biak Numfor	1. - Sungai Korem Muara	LS. 00°53'742" BT. 136°02'355"	-	-	*	211.2	-	-	-	-	-	513,000	3	0.15	1,898	1,898	0.5	-	-	-	-	-	0.068		
		2. - Sungai Wafor	LS. 00°58'66.0" BT. 136°02'914"	-	-	*	57.6	-	-	-	-	-	1,933,000	4	0.15	188	-	-	0.7	-	-	-	-	-	-	
		3. - Sungai Ruar	LS. 01°10'930" BT. 136°09'944"	-	70	38	76.8	0.432	-	-	-	0.063	-	458,000	4	0.15	494	-	0.5	0.76	-	-	-	-	-	

Lanjutan Tabel SD-13 A.

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			Titik Koordinat	TDS (mg/L)	TSS (mg/L)	BOD (mg/L)	COD (mg/L)	Besi (mg/L)	Cadmium (mg/L)	Mangan (mg/L)	Timbal (mg/L)	Tembaga (mg/L)	DO (mg/L)	Minyak dan Lemak (µg/L)	Fenol (µg/L)	Chlorine (µg/L)	Fecal coli Jml/ 100 ml	Total Coliform Jml/ 100 ml	Phospat (mg/L)	Amonia (mg/L)	Deterjen/ MBAS (µg/L)	Chromium (mg/L)	Sulfat (mg/L)	Zinc (mg/L)	
NILAI BAKU MUTU				1,000	50	2	10	0.3	0.01	0.1	0.03	0.02	>6	1,000	1	0.03	100	1,000	0.2	0.5	200	0.05	400	0.05	
5	Kab. Jawijaya	1 - Sungai Baliem	-	-	124	3.39	19.2	3.024	-	-	-	0.096	3.5	101,000	5	0.15	494	1,898	-	-	-	-	-	-	
		2 - Sungai Uwe	-	-	135	2.91	38	1.958	-	-	0.193	0.082	3.9	463,000	13	0.15	1,898	1,898	-	-	-	-	-	-	0.116
		3 - Mata Air Pikhe	-	-	135	2.91	38	1.958	-	-	0.193		3.5	463,000	13	0.15	1,898	1,898	-	-	-	-	-	-	0.116
		4 - Pertemuan Antara S. Baliem & S. Uwe	-	-	135	2.91	38	1.958	-	-	0.193	0.082	3.5	463,000	13	0.15	1,898	1,898	-	-	-	-	-	-	0.116
6	Kab. Keroom	1. - S. Tami Hulu	-	-	141	2.87	115.2	-	0.017	2.046	-	0.1	-	141,700	54	0.15	1,898	1,898	0.5	0.63	-	-	500	-	
		- S. Tami Hilir	LS. 2°58'25.22" BT. 140°47'36.43"	-	109	2.45	76.8	-	1.03	-	-	-	-	555,100	-	0.15	188	188	-	0.61	-	-	-	-	-
		2. - Sungai Skamto	-	-	147	2.93	76.8	-	0.016	0.142	0.035	-	-	159,700	12	0.15	1,898	1,898	1	-	-	-	-	-	0.063
7	Kab. Nabire	1. - Sungai Nabarua Hulu	LS. 03°21'26.1" BT. 135°11'25.7"	-	170	9.32	76.8	1.878	-	-	0.048	0.1	-	237,700	14	-	166	1,898	-	-	-	-	-	-	
		- Sungai Nabarua Hilir	LS. 03°20'48.1" BT. 135°30'38.8"	-	120	9.62	38	1.676	0.015	-	-	0.108	-	721,700	14	0.15	-	-	0.5	-	-	-	-	-	
		2. - Sungai Sanoba	LS. 03°19'21.8" BT. 135°33'	-	-	6.36	57.6	1.961	-	-	0.073	0.087	-	137,600	33	0.15	-	-	0.5	-	-	-	-	-	

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			Titik Koordinat	TDS (mg/L)	TSS (mg/L)	BOD (mg/L)	COD (mg/L)	Besi (mg/L)	Cadmium (mg/L)	Mangan (mg/L)	Timbal (mg/L)	Tembaga (mg/L)	DO (mg/L)	Minyak dan Lemak (µg/L)	Fenol (µg/L)	Chlorine (µg/L)	Fecal coli Jml/ 100 ml	Total Coliform Jml/ 100 ml	Phospat (mg/L)	Amonia (mg/L)	Deterjen / MBAS (µg/L)	Chromium (mg/L)	Sulfat (mg/L)	Zinc (mg/L)		
Nilai Baku Mutu			1,000	50	2	10	0.3	0.01	0.1	0.03	0.02	>6	1,000	1	0.03	100	1,000	0.2	0.5	200	0.05	400	0.05			
		3. - Sungai Kimi	LS. 03°17'0.59" BT. 135°34'33"	-	97	6.03	19.2	2.375	-	-	-	0.097	-	421,000	19	0.1	-	-	-	-	-	-	-	-		
		4. - Sungai Nabire Hulu	LS. 03°23'21.7" BT. 135°30'10.5"	-	66	6.33	38	0.927	0.02	-	0.136	0.1	-	468,300	25	0.15	-	-	0.5	0.68	-	-	-	-	0.078	
		- Sungai Nabire Hilir	LS. 03°21'47.7" BT. 135°29'22.8"	-	149	5.13	19.2	1.618	-	0.212	-	0.088	-	501,600	34	-	166	-	0.5	0.61	-	-	-	-	-	
8	Kab. Sarmi	1. - Sungai Biri	LS. 02°11'00.2" BT. 139°21'12.8"	-	99	5.3	42.2	-	-	-	-	-	-	217,000	3	0.15	1,898	1,898	-	-	-	-	-	-		
		2. - Sungai Tor	LS. 01°57'35.8" BT. 138°54'21.1"	-	-	5.72	100	0.372	-	-	-	-	-	65,000	4	0.15	-	1,898	0.5	-	-	-	-	-	0.066	
		3. - Sungai Opey	LS. 01°53'16.7" BT. 138°45'04.1"	7,880	286	5.11	-	-	-	-	0.04	-	-	29,600	2	0.15	-	-	-	-	-	-	-	-	-	0.066
9	Kab. Paniai	1. - Sungai Weya	LS. 03°54'11.8" BT. 136°22'51.7"	-	-	6.13	31	-	-	-	-	-	-	65,000	7	0.15	1,898	1,898	-	0.59	-	-	-	-	-	
		2. - Sungai Eka	LS. 03°52'15.3" BT. 136°24'36.3"	-	92	7	-	-	-	-	-	-	-	102,000	5	0.15	-	1,898	-	0.6	-	-	-	-	-	
		3. - Sungai Aga	LS. 03°52'03.3" BT. 136°24'43.1"	-	-	6.71	-	1.646	-	-	0.175	-	-	-	7,000	69	0.15	-	1,898	-	0.58	-	-	-	-	-
		4. - Sungai Aikei	LS. 03°55'51.3" BT. 136°22'13.4"	-	-	-	15.4	0.437	-	-	0.528	2.58	-	-	103,000	37	0.15	1,898	1,898	-	-	-	-	-	-	-

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			Titik	Koordinat	TDS (mg/L)	TSS (mg/L)	BOD (mg/L)	COD (mg/L)	Besi (mg/L)	Cadmium (mg/L)	Mangan (mg/L)	Timbal (mg/L)	Tembaga (mg/L)	DO (mg/L)	Minyak dan Lemak (µg/L)	Fenol (µg/L)	Chlorine (µg/L)	Fecal coli Jml/ 100 ml	Total Coli-form Jml/ 100 ml	Phos-pat (mg/L)	Amonia (mg/L)	Deterjen/ MBAS (µg/L)	Chromium (mg/L)	Sulfat (mg/L)	Zinc (mg/L)		
Nilai Baku Mutu					1,000	50	2	10	0.3	0.01	0.1	0.03	0.02	>6	1,000	1	0.03	100	1,000	0.2	0.5	200	0.05	400	0.05		
10	Kab. Yapen	1. - Sungai Mantembu Hulu	LS. 01°50'21.2" BT. 136°13'41.5"	-	-	-	38.4	-	-	-	0.077	-	-	154,000	16	0.15	-	1,898	1	-	-	-	-	-	-	0.076	
		2. - S. Inumi Mantembu	LS. 01°52'39.0" BT. 136°13'33.8"	-	70	6.32	31.7	-	-	-	-	-	-	754,000	17	0.15	1,898	1,898	0.5	-	-	-	-	-	-	-	-
		3. - Sungai Manawari Hulu	LS. 01°52'58.6" BT. 136°16'08.3"	-	118	8.1	73	-	-	-	-	-	-	63,000	14	0.15	-	-	1	-	611	-	-	-	-	-	-
		4. - Sungai Manawari Hilir	LS. 01°52'58.1" BT. 136°14'48.8"	-	95	6.22	64.1	0.349	-	-	-	-	-	0.349	320,000	14	0.15	1,898	1,898	-	-	-	-	-	-	-	-

Keterangan :

Sumber : BPSDALH Provinsi Papua, dalam Laporan Akhir Pemantauan Kualitas Air Di Provinsi Papua, Tahun 2010