

Annex E4.1.3 Results of River Water Quality Analysis of the Musi River Basin (2001)

No	Regency	Location No.	Location Name	River Name	Sampling Date	Field Analyze										Laboratory Analyze (mg/l)					
						Colour	O ₂ (mg/l)	DHL (us/cm)	Transparency (cm)	Temprature (°C)		pH Unit	Salinity 0%	TDS (mg/l)	Debit m ³ /det	BOD ₅	COD	TSS	NH ₃ -N		
										Water	Air										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
I	Muara Enim	1.1	Tebat Agung	Niru	30-10-2001	muddy	6.4	38.6	6	28.8	29	6.9	1	14	12.15	4.1	9.8	43	0.1		
		1.2	Muara Niru	Lematang	30-10-2001	muddy	6	39	5	30.2	30	6.6	***	14	***	4.4	10.2	40	0.29		
		1.3	Teluk Lubuk	Lematang	30-10-2001	muddy	6.1	42	7	28.8	31	7.1	***	***	2554	4.8	11.3	40	0.35		
		1.4	Banu Ayu	Lematang	30-10-2001	muddy	5.7	77.1	7	28.6	30	7.1	***	***	2500	9.7	18.3	85	0.07		
		1.5	Indramayu	Enim	31-10-2001	muddy	8.1	23.8	16	23.1	26	7.6	***	***	121	4.4	8.7	38	0.36		
		1.6	Jembatan Enim II	Enim	31-10-2001	muddy	6.6	24.6	8	25.6	29	7.2	***	***	176	4.9	11	47	0.12		
		1.7	Tanjung Priok	Lematang	31-10-2001	muddy	5.8	87	8	26.9	31	7.2	30	***	***	575	4.2	8.2	45	0.15	
II	Lahat	2.1	Kembatan Kebur	Lematang	31-10-2002	muddy	6.4	60.4	11	26.5	28.7	7.6	***	***	468	5.2	10.6	42	0.14		
		2.2	Tanjung Mulak	Lematang	31-10-2003	muddy	6.7	47.6	18	25.6	30.1	8	***	***	201.5	6.5	11.2	42	0.02		
		2.3	Bunga Mas	Kikim	31-10-2004	clear	7	88.1	30	25	27	7.7	***	***	***	4.5	9.7	43	0.26		
III	Musi Banyuasin	3.1	Sukamerindu	Lematang	15-11-2001	clear-muddy	5.7	34	25	27.8	28.5	5.4	***	***	720	4.1	9.2	29	***		
		3.2	Sungai Dua	Komering	23-10-2001	muddy	2.1	79	110	30.5	30.5	5.2	***	***	464.3	3.8	7.9	41	0.67		
		3.3	Desa Upang	Musi	23-10-2002	muddy	4.2	96	30	30.4	28.2	6	***	45	419.4	3.7	8	45	0.52		
		3.4	Pulau Burung	Musi	23-10-2003	muddy	3.1	62	30	30.6	32.5	7.2	***	30	3394	3.2	8	30	0.85		
		3.5	Hulub Ogan	Ogan	23-10-2004	muddy	3	49	50	30	28.6	5.8	***	23	331.4	4.8	10.2	45	0.52		
		3.6	Talang Kelapa	Musi	15-11-2001	muddy	5.5	37.7	35	27	27.8	6.3	***	140	737.5	4.3	10	27	***		
		3.7	Kota Sekayu	Musi	14-11-2001	muddy	4.2	37.1	10	29.7	31.1	6.7	***	***	996.9	5	10.3	26	***		
		3.8	Durian Gadis	Padang	15-11-2001	clear-muddy	3.9	29	65	30.8	30.9	6.8	***	***	472.5	4.6	11	27	***		
		3.9	Desa Teluk	Batangharileko	14-11-2001	muddy	4	13.2	40	29.7	29	6.3	***	***	***	4.1	9	29	***		
		IV	Ogan Komering Ilir	4.1	Desa Indralaya	Kelekar	07-11-2001	clear	3.5	22.3	155	31.1	32	5.9	***	***	152.1	4.7	10.6	40	***
4.2	Desa Pemulutan			Ogan	06-11-2001	muddy	3.9	53.5	18	29.5	31	7.3	***	***	1650	5.5	10.6	37	***		
4.3	Tanjung Raja			Ogan	06-11-2001	muddy	5	51.6	22	29.6	31	7.4	***	***	1255.5	5.6	12	40	***		
4.4	Desa SP Padang			Komering	06-11-2001	muddy	2.1	35.2	20	30.7	31	6.5	***	***	91.8	4.8	10.2	47	***		
4.5	Kayu Agung			Komering	06-11-2001	muddy	2.4	39.8	30	30.3	32	7.1	***	***	240.8	4.5	9.5	29	***		
4.6	Desa Pedamaran			Babatan	07-11-2001	muddy	1.29	27.3	28	29.1	30	6.2	***	***	703.5	6.2	13	38	***		
4.7	Desa Gunung Batu			Komering	07-11-2001	muddy	5.54	67.5	20	30.2	31	0	***	***	17.5	3.6	7.3	37	***		
4.8	Muara Burnel			Burnel	07-11-2001	muddy	5.5	15.1	35	30.5	31	6.2	***	***	***	3.2	8.2	44	***		
V	Ogan Komering Ulu	5.1	Rantau Nipis	Selabung	09-11-2001	clear	6.7	256	10	27.3	27.9	8.6	0.1	***	39.6	3.2	7.1	30	***		
		5.2	Desa Selabung	Ogan	10-11-2001	muddy	5.2	74.8	35	28.7	29.8	7.5	***	***	230.8	4.2	10	26	***		
		5.3	Desa Mendala	Ogan	10-11-2001	muddy	5.2	68.3	35	27.9	29.7	7.2	***	***	392	3	7.2	24	***		
		5.4	Desa Puser	Ogan	09-11-2001	muddy	5.8	72.1	30	28.2	29.6	7.5	***	***	133.3	5	12	16	***		
		5.5	Martapura	Komering	09-11-2001	muddy	5.8	86.3	35	28.1	29.8	7.8	***	***	362.4	4.6	10.5	30	***		
		5.6	Muara Dua	Komering	09-11-2001	muddy	6	97.4	21	27.1	29.3	7.6	0.1	***	231.1	4.3	9.2	28	***		
		5.7	Kota Batu	Warkuk	09-11-2001	muddy	6.1	835.7	18	25.1	27.1	8.3	***	***	15.9	4.7	10	26	***		
		5.8	Danau Ranau	Danau Ranau	09-11-2001	clear	6.1	287.4	>200	26.7	28.1	8.5	0.1	***	***	4.7	10	26	***		
		5.9	Tj. Lengkayap	Lengkayap	09-11-2001	clear-muddy	6.1	62.3	45	27.9	28.9	8.3	***	***	18.9	4.4	9	17	***		
		VI	Palembang	6.1	Jembatan Ampera	Musi	23-10-2001	muddy	3.6	111	45	29.2	29.8	7.4	0.1	52	401.9	4.8	10.2	30	0.58
				6.2	Hulu Komering	Komering	23-10-2001	muddy	32	61	55	30.5	33.4	5.4	***	29	324.5	5	12	42	0.53
6.3	Desa Rambutan			Keramasan	23-10-2001	clear	2.2	225	420	28.1	27.8	3.5	0.1	106	270	4.4	10	38	0.67		
6.4	Pulau Kerto			Musi	23-10-2001	muddy	3.9	49	20	30	29.1	5.7	***	24	765.7	5.3	12.5	35	0.53		
VII	Musi Rawas	7.1	Terawas	Hulu Lakitan	01-10-2001	muddy	6.2	17	35	26.6	30	7.3	***	***	224.7	4.7	10.2	45	***		
		7.2	Lawang Kidul	Rawas	01-10-2001	muddy	6.2	26	40	26.6	31	7.3	***	***	334.4	5.6	11.2	43			
		7.3	Muara Rupi	Rupit	01-10-2001	muddy	6.1	34.6	17	27.6	30	7.1	***	***	105	5.6	11.3	43	1.21		
		7.4	Muara Beliti	Beliti	01-10-2001	muddy	6.1	47	20	28.6	30	7.2	***	***	98.4	5.8	10.6	41	0.07		
		7.5	Lubuk Linggau	Kelingi	01-10-2001	clear	6.7	123.3	37	27.6	29	8.3	***	***	28	5	9.5	34	0.02		