

Lampiran 2. Data Kualitas Air Olahan IPAL di Yogyakarta

- Data kualitas IPAL di Yogyakarta

No	Parameter	BOD	COD	TDS	TSS	M&L	Deterjen	Suhu	pH	Total Coli
	Kadar paling banyak	75	200	2200	75	10	5	±30	6-9	10000
	Satuan	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	°C		MPN/100 ml
1	Ds. Sambirejo, Selomartani, Kalasan, Sleman	140.2	203.6	461.0	111.0	34.0	3.03	28	6.14	95000000
2	Ds. Babadan, wedomartani, Ngemplak	280.1	541.5	280.0	123.0	9.0	3.90	29	5.83	10000000
3	Ds. Bandulan, Sukoharjo, Ngaglik, Sleman	175.0	254.6	440.0	262.0	13.4	4.15	28	6.08	29000000
4	Krowulan, Binomartani, Ngemplak, Sleman	87.8	119.6	420.0	124.0	15.8	2.97	28	5.97	1,9E+08
5	KSM Rukun, Umbulhartani, Ngemplak, Sleman	280.1	562.4	344.0	115.0	16.2	2.58	26	6.30	10000000
6	Sebrangan, Jowah, Sidoluhur, Godean, Sleman	69.3	101.5	213.0	224.0	16.8	2.57	27	7.00	1,9E+08
7	Padukuhan Ganjuran, Sidorejo, Sleman	87.3	102.9	335.0	180.0	4.4	1.66	28	7.01	21000000
8	Ds. Sumberagung, Moyudan, Sleman	69.2	106.7	715.0	205.0	6.4	1.91	28	7.24	18000000
9	Ds. Sumberagung, Moyudan,	139.7	618.1	581.0	134.0	15.0	3.00	28	7.68	76000000

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	Kadar paling banyak	75	200	2200	75	10	5	±30	6-9	10000
	Satuan	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	°C		MPN/100 ml
	Sleman									
10	Padukuhan Ganchan, Sidomulyo, Sleman	52.3	100.8	504.0	267.0	14.8	2.96	29	7.98	1,9E+08
11	Padukuhan Tangkilan, Sidoarum, Godean, Sleman	87.3	100.8	591.0	206.0	11.0	3.05	28	6.95	11600000
12	Prenggan, Sidokarto, Godean, Sleman	131.0	180.9	456.0	140.5	16.0	2.67	28	6.76	1,9E+09
13	IPAL Ngampilan RT.07, RT 08 RW 02, Yogyakarta	140.2	521.3	525.0	160.0	31.2	3.53	28	6.10	7000000
14	IPAL Ngampilan RT 01, RT 05, 06, Yogyakarta	175.2	426.6	540.0	171.0	10.6	3.99	29	5.98	7000000
15	Ngaglik RW 12, Giwangan, Umbulharjo, Yogyakarta	122.3	173.2	512.0	183.0	18.0	2.90	29	6.83	2,71E+08
16	RT 30-47, RW 10, Gambiran, Umbulharjo, Yogyakarta	157.2	273.5	534.0	173.0	15.8	2.82	29	6.70	1,13E+09
17	KSM Sedia Waras, Sonopakis, Ngestiharjo, Bantul	157.7	170.4	527.0	150.0	21.8	4.38	30	6.50	15000000
18	Sonopakis Kidul, Ngestiharjo, Bantul	210.2	256.0	569.0	286.0	11.8	3.95	29	6.37	21000000
19	Kalipucang RT 01, Bangunjiwo, Kasihan,	175.2	207.2	611.0	311.0	18.8	4.32	28	7.24	1,9E+09

No	Parameter	BOD	COD	TDS	TSS	M&L	Deterjen	Suhu	pH	Total Coli
	Kadar paling banyak	75	200	2200	75	10	5	±30	6-9	10000
	Satuan	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	°C		MPN/100 ml
	Bantul									
20	Bangunjiwo RT 13, Kasihan, Bantul	175.2	231.6	738.0	256.0	14.0	2.86	30	6.37	700000 0
21	Timbulharjo, Sewon, Bantul	192.7	215.6	522.0	211.0	106.2	2.53	28	6.55	1,9E+0 9
22	Jaranan, Panggungharjo, Sewon, Bantul	157.7	223.2	576.5	217.5	20.2	2.67	30	6.77	110000 00
23	Serontaan, Argomulyo, Sedayu	104.7	256.7	811.0	104.0	11.8	2.93	30	6.79	460000 00
24	Watu, Argomulyo, Sedayu	192.2	309.6	764.0	245.0	8.2	2.59	29	6.88	1,17E+ 09
25	Plawonan, Argomulyo, Sedayu	131.0	223.2	809.0	273.0	8.2	2.56	30	7.08	260000 00
26	Jambidan II, Banguntapan, Bantul	104.8	138.1	467.0	262.0	16.2	2.35	29	6.83	1,9E+0 9
27	Jambidan II, Banguntapan, Bantul	104.8	176.0	411.0	260.0	11.8	3.40	28	6.79	4,38E+ 08
28	Ds. Potorono II, Banguntapan, Bantul	174.7	215.7	458.0	207.0	1.4	2.87	29	6.81	150000 00
29	Ds. Nglaren, Potorono, Banguntapan, Bantul	87.3	139.5	428.0	151.0	14.8	2.94	29	6.95	4,38E+ 09
30	Ds. Tamanan III, Banguntapan, Bantul	104.8	122.2	547.0	227.0	86.4	2.92	28	6.92	1,9E+1 0
31	Klewonan, Triharjo, Wates, Kulonprogo	122.2	227.4	731.0	354.0	12.0	3.30	29	7.00	1,9E+1 0
32	Kedundang, Temon, Kulonprogo	157.2	203.1	785.0	314.0	24.2	2.26	28	6.78	1,9E+1 0

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	Kadar paling banyak	75	200	2200	75	10	5	±30	6-9	10000
	Satuan	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	°C		MPN/100 ml
33	Sanggrahan Kidul, Bendungan, Wates, Kulonprogo	139.7	280.3	548.0	296.0	36.2	2.11	30	7.35	1,9E+10
34	Dsn. Sideman, Ds. Girirerpo, Wates, Kulonprogo	104.7	211.0	770.0	234.0	7.8	1.57	29	6.73	1,9E+10
35	Jogoyudan, Wates, Kulonprogo	139.7	213.5	556.0	224.0	11.4	1.67	30	6.92	46000000
36	Ds Tegalmulyo, Kepek, Wonosari	139.7	264.3	705.0	478.0	9.4	3.21	29	6.86	7,6E+08
37	Dsn. Besari, Ds. Siraman, Wonosari	87.3	111.3	793.0	471.0	12.8	0.70	29	7.28	1,9E+10
38	KSM Sumbermulyo, Kepek, Gunungkidul	192.2	279.7	841.0	475.0	12.8	1.76	29	6.79	1,9E+09
39	Dsn. Karangjerek, Wonosari	104.8	751.1	770.0	490.0	42.6	2.04	28	6.96	4,38E+08
40	Ds.Mulyosari, Baleharjo, Wonosari	139.7	283.1	933.0	454.0	11.4	2.02	29	7.07	1,9E+10
41	Ds. Gading IV, Gading, Playen, Gunungkidul	96.1	109.9	577.0	488.0	5.6	2.01	28	7.00	1,16E+08

Sumber : BLH Tahun 2016

- IPAL Komunal Mendiro

Inlet

No	Parameter	Satuan	Hasil Uji	Kadar Maksimum
1	pH	-	7,1	6,0 - 9,0
2	TSS	Mg/l	112	30
3	BOD	Mg/l	86	30
4	COD	Mg/l	184	100
5	Amonia	Mg/l	31	10
6	Minyak & Lemak	Mg/l	8	5
7	Total Coli	Mg/l	$>2,4 \times 10^6$	3000

Outlet

No	Parameter	Satuan	Hasil Uji	Kadar Maksimum
1	pH	-	6,9	6,0 - 9,0
2	TSS	Mg/l	36	30
3	BOD	Mg/l	24	30
4	COD	Mg/l	61	100
5	Amonia	Mg/l	26	10
6	Minyak & Lemak	Mg/l	4	5
7	Total Coli	Mg/l	$3,9 \times 10^4$	3000

Sumber : Balai PDBPSK Dinas PUP - ESDM DIY tahun 2017