

Lampiran 3. Sumber Pencemar Kegiatan Penginapan

No	Nama	X	Y	Jumlah Kamar	Keterangan	Debit (l/orang/hari)*	BOD (Kg/hari)	COD (Kg/hari)	TSS (Kg/hari)
1	Pelem Sewu Cottage Syariah	429636	9133219	52	Homestay	150	2.9	3.9	2.7
2	D'Omah Hotel Yogya	428700	9129829	46	Non Bintang/Melati	150	2.5	3.5	2.4
3	Ndalem Bantul	429032	9133072	30	Homestay	150	1.7	2.3	1.6
4	Tembi Rumah Budaya	429031	9130009	27	Non Bintang/Melati	150	1.5	2.0	1.4
5	Kusuma Homestay	429123	9131794	20	Homestay	150	1.1	1.5	1.0
6	Peni Homestay	428747	9129745	17	Homestay	150	0.9	1.3	0.9
7	Suwuk Homestay	428265	9130690	15	Homestay	150	0.8	1.1	0.8
8	OYO 465 Alam Citra Bed & Breakfast	428974	9131072	12	Homestay	150	0.7	0.9	0.6
9	Roseno/evelyn	430295	9133284	11	Homestay	150	0.6	0.8	0.6
10	Omah Tembi Homestay	428833	9129730	10	Homestay	150	0.6	0.8	0.5
11	Griya Tembi	428802	9129490	9	Homestay	150	0.5	0.7	0.5
12	Rumah Paris Bed & Breakfast	428947	9129966	6	Homestay	150	0.3	0.5	0.3
13	Homestay Omah Lila Tembi By The Grand Java	428737	9129558	6	Homestay	150	0.3	0.5	0.3

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14	Yabbiékayu Eco-Bungalows	428893	9129905	5	Homestay	150	0.3	0.4	0.3
15	Home Stay Pak H.soediman	428789	9129960	5	Homestay	150	0.3	0.4	0.3
16	Tembi Tourism Village - Tembi Homestay - Outbound Travel	428862	9129735	5	Homestay	150	0.3	0.4	0.3
17	Kampung Tembi Guest House	428839	9129700	5	Homestay	150	0.3	0.4	0.3
18	Petrus Homestay	428764	9129667	5	Homestay	150	0.3	0.4	0.3
19	Prawiratama Homestay	428889	9129671	5	Homestay	150	0.3	0.4	0.3
20	Wirobrojo Homestay	428862	9129670	5	Homestay	150	0.3	0.4	0.3
21	Tembi lodge	429123	9129705	5	Homestay	150	0.3	0.4	0.3
22	Penginapan Prasetyo	428657	9125795	5	Homestay	150	0.3	0.4	0.3
23	Griya Sumarsana Asri	426956	9122903	5	Homestay	150	0.3	0.4	0.3
24	Daleme mbah ginah	427072	9122586	5	Homestay	150	0.3	0.4	0.3
25	miyuki homesty	426964	9122103	5	Homestay	150	0.3	0.4	0.3
26	Bani Dolahharjo	425105	9118828	5	Homestay	150	0.3	0.4	0.3
27	Suwuk Homestay	428265	9130690	5	Homestay	150	0.3	0.4	0.3
28	Asrama AKBID YO	429297	9132422	5	Homestay	150	0.3	0.4	0.3
29	BAITII (Home and Spa)	429357	9130660	5	Homestay	150	0.3	0.4	0.3

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30	The Voyage Week - B&B Yogyakarta	428993	9131102	5	Homestay	150	0.3	0.4	0.3
31	Roona Batik jogja	428937	9131059	5	Homestay	150	0.3	0.4	0.3
32	Paradise House	429140	9131297	5	Homestay	150	0.3	0.4	0.3
33	Anugro's Homestay	429710	9132570	5	Homestay	150	0.3	0.4	0.3
34	Homestay Kusuma	428631	9126277	5	Homestay	150	0.3	0.4	0.3
35	Homestay Kretek	424508	9117285	5	Homestay	150	0.3	0.4	0.3
Total							20.4	28.1	19.4

Dari faktor emisi kita dapat menentukan estimasi beban pencemar masing-masing penginapan, sebagai contoh homestay Ndalem Bantul dengan jumlah kamar 30 buah dapat ditentukan jumlah estimasi beban pencemarnya BOD dibawah ini :

Faktor Emisi Hotel (gr/hari)	BOD	COD	TSS
Hotel (Per Kamar Tidur)	55	75.625	52.25

Beban Pencemar : Faktor Emisi x Jumlah Kamar

$$\text{Beban Pencemar} : \frac{55 \text{ gr/hari} \times 30 \text{ kamar}}{1000 \text{ kg}}$$

$$\text{Beban Pencemar} : 2.9 \text{ kg/hari}$$