

## DAFTAR ISI

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## BAB I. KONDISI LINGKUNGAN HIDUP DAN KECENDERUNGANNYA

### A. Lahan Dan Hutan

**Tabel SD-1 : Luas Wilayah Menurut Penggunaan Lahan Utama  
Daerah Istimewa Yogyakarta**

| No.   | Kabupaten/Kota | Luas Lahan (Ha) |        |              |            |        |                       | Total   |
|-------|----------------|-----------------|--------|--------------|------------|--------|-----------------------|---------|
|       |                | Non Pertanian   | Sawah  | Lahan Kering | Perkebunan | Hutan  | Badan Air dan Lainnya |         |
| 1     | Sleman         | 18,614          | 27,638 | 4,096        | 9,886      | 2,135  | 4,050                 | 66,419  |
| 2     | Gunungkidul    | 25,419          | 7,865  | 66,827       | 25,532     | 13,717 | 9,176                 | 148,536 |
| 3     | Bantul         | 3,836           | 16,049 | 23,237       | -          | 1,385  | 30                    | 44,537  |
| 4     | Kulon Progo    | 13,303          | 10,297 | 22,096       | 590        | 1,037  | 11,304                | 58,627  |
| 5     | Yogyakarta     | 2,737           | 83     | 4            | -          | 25     | 401                   | 3,250   |
| Total |                | 63,909          | 61,932 | 116,260      | 36,008     | 18,299 | 24,961                | 321,369 |

Tahun Data : 2012

**Tabel SD-2 : Luas Kawasan Hutan Menurut Fungsi/Status  
Daerah Istimewa Yogyakarta  
Tahun Data : 2013**

| No. | Fungsi           | Luas (Ha) |
|-----|------------------|-----------|
| (1) | (2)              | (3)       |
| 1   | Cagar Alam       | 11.44     |
| 2   | Suaka Margasatwa | 615.60    |
| 3   | Taman Wisata     | 1.05      |
| 4   | Taman Buru       | -         |
| 5   | Taman Nasional   | 1,728.38  |

| No.              | Fungsi                    | Luas (Ha) |
|------------------|---------------------------|-----------|
| (1)              | (2)                       | (3)       |
| 6                | Taman Hutan Raya          | 634.10    |
| 7                | Hutan Lindung             | 2,312.80  |
| 8                | Hutan Produksi            | 13,411.70 |
| 9                | Hutan Produksi Terbatas   | -         |
| 10               | Hutan Produksi Konservasi | -         |
| 11               | Hutan Kota                | -         |
| Total Luas Hutan |                           | 18,715.06 |

Keterangan : (-) tidak memiliki untuk fungsi tersebut

Sumber : Dishutbun DIY

**Tabel SD-3 : Luas Kawasan Lindung berdasarkan RTRW dan Tutupan Lahannya**

Daerah Istimewa Yogyakarta

Tahun Data : 2013

| No. | Nama Kawasan  | Luas Kawasan (Ha) | Tutupan Lahan (Ha) |                |               |           |
|-----|---|-------------------|--------------------|----------------|---------------|-----------|
|     |   |                   | Vegetasi           | Area Terbangun | Tanah Terbuka | Badan Air |
| (1) | (2)   | (3)               | (4)                | (5)            | (6)           | (7)       |
| I.  | Kawasan Lindung   |                   |                    |                |               |           |
|     | A Kawasan Perlindungan Terhadap Kawasan Bawahannya      |                   |                    |                |               |           |
|     | 1. Kawasan Hutan Lindung                                | 2,312.80          | 840.47             |                |               |           |
|     | 2. Kawasan Bergambut                                    |                   |                    |                |               |           |
|     | 3. Kawasan Resapan Air                                  |                   |                    |                |               |           |
|     | Jumlah  |                   |                    |                |               |           |
|     | B Kawasan Perlindungan Setempat                         |                   |                    |                |               |           |
|     | 1. Sempadan Pantai                                      |                   |                    |                |               |           |
|     | 2. Sempadan Sungai                                      |                   |                    |                |               |           |
|     | 3. Kawasan Sekitar Danau atau Waduk                     |                   |                    |                |               |           |
|     | 4. Ruang Terbuka Hijau                                  |                   |                    |                |               |           |
|     | Jumlah  |                   |                    |                |               |           |
|     | C Kawasan Suaka Alam, Pelestarian Alam dan Cagar Budaya |                   |                    |                |               |           |
|     | 1. Kawasan Suaka Alam                                   |                   |                    |                |               |           |
|     | 2. Kawasan Suaka Laut dan Perairan Lainnya              |                   |                    |                |               |           |

| No. | Nama Kawasan | Luas Kawasan (Ha)                               | Tutupan Lahan (Ha) |                |               |           |  |
|-----|--------------|---|--------------------|----------------|---------------|-----------|--|
|     |              |   | Vegetasi           | Area Terbangun | Tanah Terbuka | Badan Air |  |
|     | 3.           | Suaka Margasatwa dan Suaka Margasatwa Laut      | 615.60             | 106.70         |               |           |  |
|     | 4.           | Cagar Alam dan Cagar Alam Laut                  | 11.44              | 11.40          |               |           |  |
|     | 5.           | Kawasan Pantai Berhutan Bakau                   |                    |                |               |           |  |
|     | 6.           | Taman Nasional dan Taman Nasional Laut          | 1728.38            | 1358.28        |               |           |  |
|     | 7.           | Taman Hutan Raya                                | 634.10             | 633.15         |               |           |  |
|     | 8.           | Taman Wisata Alam dan Taman Wisata Alam Laut    | 1.05               | 0.50           |               |           |  |
|     | 9.           | Kawasan Cagar Budaya dan Ilmu Pengetahuan       |                    |                |               |           |  |
|     |              | Jumlah  |                    |                |               |           |  |
|     | D            | Kawasan Rawan Bencana                           |                    |                |               |           |  |
|     | 1.           | Kawasan Rawan Tanah Longsor                     |                    |                |               |           |  |
|     | 2.           | Kawasan Rawan Gelombang Pasang                  |                    |                |               |           |  |
|     | 3.           | Kawasan Rawan Banjir                            |                    |                |               |           |  |
|     |              | Jumlah  |                    |                |               |           |  |
|     | E            | Kawasan Lindung Geologi                         |                    |                |               |           |  |
|     | 1.           | Kawasan Cagar Alam Geologi                      |                    |                |               |           |  |
|     |              | i. Kawasan Keunikan Batuan dan Fosil            |                    |                |               |           |  |
|     |              | ii. Kawasan Keunikan Bentang Alam               |                    |                |               |           |  |
|     |              | iii. Kawasan Keunikan Proses Geologi            |                    |                |               |           |  |
|     |              | Jumlah  |                    |                |               |           |  |
|     | 2.           | Kawasan Rawan Bencana Alam Geologi              |                    |                |               |           |  |
|     |              | i. Kawasan Rawan Letusan Gunung Berapi          |                    |                |               |           |  |
|     |              | ii. Kawasan Rawan Gempa Bumi                    |                    |                |               |           |  |
|     |              | iii. Kawasan Rawan Gerakan Tanah                |                    |                |               |           |  |
|     |              | iv. Kawasan yang Terletak di Zona Patahan Aktif |                    |                |               |           |  |
|     |              | v. Kawasan Rawan Tsunami                        |                    |                |               |           |  |
|     |              | vi. Kawasan Rawan Abrasi                        |                    |                |               |           |  |

| No. | Nama Kawasan |   | Luas Kawasan (Ha) | Tutupan Lahan (Ha) |                |               |           |
|-----|--------------|---|-------------------|--------------------|----------------|---------------|-----------|
|     |              |   |                   | Vegetasi           | Area Terbangun | Tanah Terbuka | Badan Air |
|     |              | vii. Kawasan Rawan Gas Beracun                                      |                   |                    |                |               |           |
|     |              | Jumlah  |                   |                    |                |               |           |
|     | 3.           | Kawasan yang Memberikan Perlindungan Terhadap Air Tanah             |                   |                    |                |               |           |
|     |              | i. Kawasan Imbuhan Air Tanah  |                   |                    |                |               |           |
|     |              | ii. Sempadan Mata Air   |                   |                    |                |               |           |
|     |              | Jumlah  |                   |                    |                |               |           |
|     |              | Jumlah  |                   |                    |                |               |           |
|     | F            | Kawasan Lindung Lainnya   |                   |                    |                |               |           |
|     |              | 1. Cagar Biosfer  |                   |                    |                |               |           |
|     |              | 2. Ramsar   |                   |                    |                |               |           |
|     |              | 3. Taman Buru   |                   |                    |                |               |           |
|     |              | 4. Kawasan Perlindungan Plasma Nutfah                               |                   |                    |                |               |           |
|     |              | 5. Kawasan pengungsian Satwa  |                   |                    |                |               |           |
|     |              | 6. Terumbu Karang   |                   |                    |                |               |           |
|     |              | 7. Kawasan Koridor bagi Jenis Satwa atau Biota Laut yang Dilindungi |                   |                    |                |               |           |
|     |              | Jumlah  |                   |                    |                |               |           |
|     |              | Jumlah Total Kawasan Lindung  |                   |                    |                |               |           |
|     | II.          | Kawasan Budidaya  |                   |                    |                |               |           |
|     |              | Jumlah Total Kawasan Budidaya                                       |                   |                    |                |               |           |

Sumber : Dishutbun

**Tabel SD-4 : Luas Penutupan Lahan dalam Kawasan Hutan dan Luar Kawasan Hutan Daerah Istimewa Yogyakarta Tahun Data : 2013**

| NO | KABUPATEN/KOTA | KAWASAN HUTAN |     |        | APL | JUMLAH |
|----|----------------|---------------|-----|--------|-----|--------|
|    |                | HUTAN TETAP   | HPK | JUMLAH |     |        |
|    |                |               |     |        |     |        |

| NO  | KABUPATEN<br>KOTA     | KAWASAN HUTAN |          |     |           |           |     |           | APL  | JUMLAH    |
|-----|-----------------------|---------------|----------|-----|-----------|-----------|-----|-----------|------|-----------|
|     |                       | KSA-<br>KPA   | HL       | HPT | HP        | JUMLAH    |     |           |      |           |
| (1) | (2)                   | (3)           | (4)      | (5) | (6)       | (7)       | (8) | (9)       | (10) | (11)      |
| 1.  | Kab Kulon progo       |               |          |     |           |           |     |           |      |           |
|     | a. Hutan              | 181.00        | 254.90   | -   | 601.60    | 1,037.50  | -   | 1,037.50  | -    | 1,037.50  |
|     | b. Non Hutan          |               |          |     |           |           |     |           |      |           |
|     | c. Data tidak lengkap |               |          |     |           |           |     |           |      |           |
| 2   | Kab bantul            |               |          |     |           |           |     |           |      |           |
|     | a. Hutan              | 11.40         | 1,041.20 | -   | -         | 1,052.60  | -   | 1,052.60  | -    | 1,052.60  |
|     | b. Non Hutan          |               |          |     |           |           |     |           |      |           |
|     | c. Data tidak lengkap |               |          |     |           |           |     |           |      |           |
| 3   | KabGunungkidul        |               |          |     |           |           |     |           |      |           |
|     | a. Hutan              | 1,068.70      | 1,016.70 | -   | 12,810.10 | 14,895.50 | -   | 14,895.50 | -    | 14,895.50 |
|     | b. Non Hutan          |               |          |     |           |           |     |           |      |           |
|     | c. Data tidak lengkap |               |          |     |           |           |     |           |      |           |
| 4   | Kab Sleman            |               |          |     |           |           |     |           |      |           |
|     | a. Hutan              | 1,729.46      | -        | -   | -         | 1,729.46  |     | 1,729.46  |      | 1,729.46  |
|     | b. Non Hutan          |               |          |     |           |           |     |           |      |           |
|     | c. Data tidak lengkap |               |          |     |           |           |     |           |      |           |
| 5   | Kota Yogyakarta       |               |          |     |           |           |     |           |      |           |
|     | a. Hutan              | -             | -        | -   | -         | -         |     | -         |      | -         |
|     | b. Non Hutan          | -             | -        | -   | -         | -         |     | -         |      | -         |
|     | c. Data tidak lengkap |               |          |     |           |           |     |           |      |           |

Sumber : Dishutbun

**Tabel SD-5 : Luas Lahan Kritis**

Daerah Istimewa Yogyakarta

Tahun Data : 2013

| No.   | Kabupaten/Kota  | Kritis (Ha) | Sangat Kritis (Ha) | Jumlah Total (Ha) |
|-------|-----------------|-------------|--------------------|-------------------|
| (1)   | (2)             | (3)         | (4)                | (5)               |
| 1     | Bantul          | 463         | 0                  | 463               |
| 2     | Sleman          | 471         | 249                | 720               |
| 3     | Gunungkidul     | 5,774       | 0                  | 5,774             |
| 4     | Kulon Progo     | 5,257       | 0                  | 5,257             |
| 5     | Kota Yogyakarta | 0           | 0                  | 0                 |
| Total |                 | 11,965      | 249                | 12,214            |

Sumber : Dishutbun

**Tabel SD-6. Evaluasi Kerusakan Tanah di Lahan Kering Akibat Erosi Air**

Daerah Istimewa Yogyakarta

Tahun Data : 2013

| No. | Tebal Tanah   | Ambang Kritis Erosi (PP 150/2000) (mm/10 tahun) | Besaran erosi (mm/10 tahun) | Status         |
|-----|---------------|---|-----------------------------|----------------|
|     |               |   |                             | Melebihi/Tidak |
| (1) | (2)           | (3)   | (4)                         | (5)            |
| 1.  | < 20 cm       | 0,2 - 1,3                                       | 0                           | 0              |
| 2.  | 20 - < 50 cm  | 1,3 - < 4                                       | 2                           | tidak          |
| 3.  | 50 - < 100 cm | 4,0 - < 9,0                                     | 0                           | 0              |
| 4.  | 100 – 150 cm  | 9,0 – 12  | 0                           | 0              |
| 5.  | > 150 cm      | > 12  | 0                           | 0              |

Sumber :Kapedal Kabupaten Gunungkidul

**Tabel SD-7 : Evaluasi Kerusakan Tanah di Lahan Kering**

Lokasi: Puncunganom 1, Murtigading, Sanden

Tahun Data : 2013

| No. | Parameter          | Ambang Kritis (PP 150/2000) | Hasil Pengamatan | Status         |
|-----|--------------------|-----------------------------|------------------|----------------|
|     |                    |                             |                  | Melebihi/Tidak |
| (1) | (2)                | (3)                         | (4)              | (5)            |
| 1   | Ketebalan Solum    | < 20 cm                     | < 50             | Tidak          |
| 2   | Kebatuan Permukaan | > 40 %                      | 0                | Tidak          |
| 3   | Komposisi Fraksi   | < 18 % koloid;              | 20%              | Tidak          |
|     |                    | > 80 % pasir kuarsitik      | 80%              | Tidak          |
| 4   | Berat Isi          | > 1,4 g/cm <sup>3</sup>     | 1.09             | Tidak          |
| 5   | Porositas Total    | < 30 %; > 70 %              | 55.7             | Tidak          |

| No. | Parameter                     | Ambang Kritis (PP 150/2000)   | Hasil Pengamatan       | Status         |
|-----|-------------------------------|-------------------------------|------------------------|----------------|
|     |                               |                               |                        | Melebihi/Tidak |
| (1) | (2)                           | (3)                           | (4)                    | (5)            |
| 6   | Derajat Pelulusan air         | < 0,7 cm/jam; > 8,0 cm/jam    | 0.576                  | Melebihi       |
| 7   | pH (H <sub>2</sub> O) 1 : 2,5 | < 4,5 ; > 8,5                 | 5.5                    | Tidak          |
| 8   | Daya Hantar Listrik /DHL      | > 4,0 mS/cm                   | 0.1085                 | Tidak          |
| 9   | Redoks                        | < 200 mV                      | 102                    | Tidak          |
| 10  | Jumlah Mikroba                | < 10 <sup>2</sup> cfu/g tanah | 5,59 x 10 <sup>7</sup> | Tidak          |

Lokasi : Malangan, Srigading, Sanden  
Tahun Data : 2013

| No. | Parameter                     | Ambang Kritis (PP 150/2000)   | Hasil Pengamatan      | Status         |
|-----|-------------------------------|-------------------------------|-----------------------|----------------|
|     |                               |                               |                       | Melebihi/Tidak |
| (1) | (2)                           | (3)                           | (4)                   | (5)            |
| 1   | Ketebalan Solum               | < 20 cm                       | < 50                  | Tidak          |
| 2   | Kebatuan Permukaan            | > 40 %                        | 3                     | Tidak          |
| 3   | Komposisi Fraksi              | < 18 % koloid;                | 65                    | Tidak          |
|     |                               | > 80 % pasir kuarsitik        | 35                    | Tidak          |
| 4   | Berat Isi                     | > 1,4 g/cm <sup>3</sup>       | 1.1                   | Tidak          |
| 5   | Porositas Total               | < 30 %; > 70 %                | 61.50                 | Tidak          |
| 6   | Derajat Pelulusan air         | < 0,7 cm/jam; > 8,0 cm/jam    | 0.46                  | Melebihi       |
| 7   | pH (H <sub>2</sub> O) 1 : 2,5 | < 4,5 ; > 8,5                 | 6.1                   | Tidak          |
| 8   | Daya Hantar Listrik /DHL      | > 4,0 mS/cm                   | 0.0737                | Tidak          |
| 9   | Redoks                        | < 200 mV                      | 97                    | Melebihi       |
| 10  | Jumlah Mikroba                | < 10 <sup>2</sup> cfu/g tanah | 2,4 x 10 <sup>7</sup> | Tidak          |

Lokasi : Gunduk, Argorejo  
Tahun Data : 2013

| No. | Parameter          | Ambang Kritis (PP 150/2000) | Hasil Pengamatan | Status         |
|-----|--------------------|-----------------------------|------------------|----------------|
|     |                    |                             |                  | Melebihi/Tidak |
| (1) | (2)                | (3)                         | (4)              | (5)            |
| 1   | Ketebalan Solum    | < 20 cm                     | >150             | Tidak          |
| 2   | Kebatuan Permukaan | > 40 %                      | 2                | Tidak          |
| 3   | Komposisi Fraksi   | < 18 % koloid;              | 59               | Tidak          |
|     |                    | > 80 % pasir kuarsitik      | 41               | Tidak          |

|    |                               |                               |                        |          |
|----|-------------------------------|-------------------------------|------------------------|----------|
| 4  | Berat Isi                     | > 1,4 g/cm <sup>3</sup>       | 0.98                   | Tidak    |
| 5  | Porositas Total               | < 30 %; > 70 %                | 64.5                   | Tidak    |
| 6  | Derajat Pelulusan air         | < 0,7 cm/jam; > 8,0 cm/jam    | 0.513                  | Melebihi |
| 7  | pH (H <sub>2</sub> O) 1 : 2,5 | < 4,5 ; > 8,5                 | 6.2                    | Tidak    |
| 8  | Daya Hantar Listrik /DHL      | > 4,0 mS/cm                   | 0.0971                 | Tidak    |
| 9  | Redoks                        | < 200 mV                      | 141                    | Melebihi |
| 10 | Jumlah Mikroba                | < 10 <sup>2</sup> cfu/g tanah | 1,35 x 10 <sup>8</sup> | Tidak    |

**Lokasi : Jopaten, Poncosari, Srandakan**  
**Tahun Data : 2013**

| No. | Parameter                     | Ambang Kritis (PP 150/2000)   | Hasil Pengamatan       | Status Melebihi/Tidak |
|-----|-------------------------------|-------------------------------|------------------------|-----------------------|
| (1) | (2)                           | (3)                           | (4)                    | (5)                   |
| 1   | Ketebalan Solum               | < 20 cm                       | < 50                   | Tidak                 |
| 2   | Kebatuan Permukaan            | > 40 %                        | 5                      | Tidak                 |
| 3   | Komposisi Fraksi              | < 18 % koloid;                | 61                     | Tidak                 |
|     |                               | > 80 % pasir kuarsitik        | 39                     | Tidak                 |
| 4   | Berat Isi                     | > 1,4 g/cm <sup>3</sup>       | 1.01                   | Tidak                 |
| 5   | Porositas Total               | < 30 %; > 70 %                | 61.7                   | Tidak                 |
| 6   | Derajat Pelulusan air         | < 0,7 cm/jam; > 8,0 cm/jam    | 0.584                  | Melebihi              |
| 7   | pH (H <sub>2</sub> O) 1 : 2,5 | < 4,5 ; > 8,5                 | 6.5                    | Tidak                 |
| 8   | Daya Hantar Listrik /DHL      | > 4,0 mS/cm                   | 0.118                  | Tidak                 |
| 9   | Redoks                        | < 200 mV                      | 147                    | Melebihi              |
| 10  | Jumlah Mikroba                | < 10 <sup>2</sup> cfu/g tanah | 1,35 x 10 <sup>7</sup> | Tidak                 |

**Lokasi : Sundi, Pajangan**  
**Tahun Data : 2013**

| No. | Parameter          | Ambang Kritis (PP 150/2000) | Hasil Pengamatan | Status Melebihi/Tidak |
|-----|--------------------|-----------------------------|------------------|-----------------------|
| (1) | (2)                | (3)                         | (4)              | (5)                   |
| 1   | Ketebalan Solum    | < 20 cm                     | < 50             | Tidak                 |
| 2   | Kebatuan Permukaan | > 40 %                      | 3                | Tidak                 |
| 3   | Komposisi Fraksi   | < 18 % koloid;              | 70               | Tidak                 |
|     |                    | > 80 % pasir kuarsitik      | 30               | Tidak                 |
| 4   | Berat Isi          | > 1,4 g/cm <sup>3</sup>     | 1.15             | Tidak                 |
| 5   | Porositas Total    | < 30 %; > 70 %              | 56.6             | Tidak                 |

|    |                               |                               |                        |          |
|----|-------------------------------|-------------------------------|------------------------|----------|
| 6  | Derajat Pelulusan air         | < 0,7 cm/jam; > 8,0 cm/jam    | 0.536                  | Melebihi |
| 7  | pH (H <sub>2</sub> O) 1 : 2,5 | < 4,5 ; > 8,5                 | 4.8                    | Tidak    |
| 8  | Daya Hantar Listrik /DHL      | > 4,0 mS/cm                   | 0.0987                 | Tidak    |
| 9  | Redoks                        | < 200 mV                      | 111                    | Melebihi |
| 10 | Jumlah Mikroba                | < 10 <sup>2</sup> cfu/g tanah | 2,54 x 10 <sup>7</sup> | Tidak    |

**Lokasi : Klatak, Gadingsari, Sanden**

**Tahun Data : 2013**

| No. | Parameter                     | Ambang Kritis (PP 150/2000)   | Hasil Pengamatan       | Status Melebihi/Tidak |
|-----|-------------------------------|-------------------------------|------------------------|-----------------------|
| (1) | (2)                           | (3)                           | (4)                    | (5)                   |
| 1   | Ketebalan Solum               | < 20 cm                       | < 50                   | Tidak                 |
| 2   | Kebatuan Permukaan            | > 40 %                        | 3                      | Tidak                 |
| 3   | Komposisi Fraksi              | < 18 % koloid;                | 63                     | Tidak                 |
|     |                               | > 80 % pasir kuarsitik        | 37                     | Tidak                 |
| 4   | Berat Isi                     | > 1,4 g/cm <sup>3</sup>       | 1.2                    | Tidak                 |
| 5   | Porositas Total               | < 30 %; > 70 %                | 54.4                   | Tidak                 |
| 6   | Derajat Pelulusan air         | < 0,7 cm/jam; > 8,0 cm/jam    | 0.604                  | Melebihi              |
| 7   | pH (H <sub>2</sub> O) 1 : 2,5 | < 4,5 ; > 8,5                 | 6.5                    | Tidak                 |
| 8   | Daya Hantar Listrik /DHL      | > 4,0 mS/cm                   | 0.0816                 | Tidak                 |
| 9   | Redoks                        | < 200 mV                      | 153                    | Melebihi              |
| 10  | Jumlah Mikroba                | < 10 <sup>2</sup> cfu/g tanah | 1,69 x 10 <sup>7</sup> | Tidak                 |

**Lokasi : Ngepet, Srigading**

**Tahun Data : 2013**

| No. | Parameter             | Ambang Kritis (PP 150/2000) | Hasil Pengamatan | Status Melebihi/Tidak |
|-----|-----------------------|-----------------------------|------------------|-----------------------|
| (1) | (2)                   | (3)                         | (4)              | (5)                   |
| 1   | Ketebalan Solum       | < 20 cm                     | < 50             | Tidak                 |
| 2   | Kebatuan Permukaan    | > 40 %                      | 3                | Tidak                 |
| 3   | Komposisi Fraksi      | < 18 % koloid;              | 34               | Tidak                 |
|     |                       | > 80 % pasir kuarsitik      | 66               | Tidak                 |
| 4   | Berat Isi             | > 1,4 g/cm <sup>3</sup>     | 1.28             | Tidak                 |
| 5   | Porositas Total       | < 30 %; > 70 %              | 52.3             | Tidak                 |
| 6   | Derajat Pelulusan air | < 0,7 cm/jam; > 8,0 cm/jam  | 0.743            | Tidak                 |

|    |                               |                               |                        |          |
|----|-------------------------------|-------------------------------|------------------------|----------|
| 7  | pH (H <sub>2</sub> O) 1 : 2,5 | < 4,5 ; > 8,5                 | 5.2                    | Tidak    |
| 8  | Daya Hantar Listrik /DHL      | > 4,0 mS/cm                   | 0.221                  | Tidak    |
| 9  | Redoks                        | < 200 mV                      | 162                    | Melebihi |
| 10 | Jumlah Mikroba                | < 10 <sup>2</sup> cfu/g tanah | 9,38 x 10 <sup>7</sup> | Tidak    |

**Kretek, Parangtritis, Kretek  
Tahun Data : 2013**

| No. | Parameter                     | Ambang Kritis (PP 150/2000)   | Hasil Pengamatan       | Status         |
|-----|-------------------------------|-------------------------------|------------------------|----------------|
|     |                               |                               |                        | Melebihi/Tidak |
| (1) | (2)                           | (3)                           | (4)                    | (5)            |
| 1   | Ketebalan Solum               | < 20 cm                       | < 50                   | Tidak          |
| 2   | Kebatuan Permukaan            | > 40 %                        | 1                      | Tidak          |
| 3   | Komposisi Fraksi              | < 18 % koloid;                | 72                     | Tidak          |
|     |                               | > 80 % pasir kuarsitik        | 28                     | Tidak          |
| 4   | Berat Isi                     | > 1,4 g/cm <sup>3</sup>       | 1.17                   | Tidak          |
| 5   | Porositas Total               | < 30 % ; > 70 %               | 55.2                   | Tidak          |
| 6   | Derajat Pelulusan air         | < 0,7 cm/jam ; > 8,0 cm/jam   | 0.404                  | Melebihi       |
| 7   | pH (H <sub>2</sub> O) 1 : 2,5 | < 4,5 ; > 8,5                 | 6                      | Tidak          |
| 8   | Daya Hantar Listrik /DHL      | > 4,0 mS/cm                   | 0.1443                 | Tidak          |
| 9   | Redoks                        | < 200 mV                      | 132                    | Melebihi       |
| 10  | Jumlah Mikroba                | < 10 <sup>2</sup> cfu/g tanah | 9,69 x 10 <sup>7</sup> | Tidak          |

**Lokasi : Selo, Sidomulyo, Bambanglipuro  
Tahun Data : 2013**

| No. | Parameter                     | Ambang Kritis (PP 150/2000)   | Hasil Pengamatan       | Status         |
|-----|-------------------------------|-------------------------------|------------------------|----------------|
|     |                               |                               |                        | Melebihi/Tidak |
| (1) | (2)                           | (3)                           | (4)                    | (5)            |
| 1   | Ketebalan Solum               | < 20 cm                       | >150                   | Tidak          |
| 2   | Kebatuan Permukaan            | > 40 %                        | 0                      | Tidak          |
| 3   | Komposisi Fraksi              | < 18 % koloid;                | 66                     | Tidak          |
|     |                               | > 80 % pasir kuarsitik        | 34                     | Tidak          |
| 4   | Berat Isi                     | > 1,4 g/cm <sup>3</sup>       | 1.22                   | Tidak          |
| 5   | Porositas Total               | < 30 % ; > 70 %               | 50.4                   | Tidak          |
| 6   | Derajat Pelulusan air         | < 0,7 cm/jam ; > 8,0 cm/jam   | 0.532                  | Melebihi       |
| 7   | pH (H <sub>2</sub> O) 1 : 2,5 | < 4,5 ; > 8,5                 | 6                      | Tidak          |
| 8   | Daya Hantar Listrik /DHL      | > 4,0 mS/cm                   | 0.0988                 | Tidak          |
| 9   | Redoks                        | < 200 mV                      | 123                    | Melebihi       |
| 10  | Jumlah Mikroba                | < 10 <sup>2</sup> cfu/g tanah | 6,79 x 10 <sup>6</sup> | Tidak          |

Lokasi : Greges, Donotirto, Kretek  
Tahun Data : 2013

| No. | Parameter                     | Ambang Kritis (PP 150/2000)   | Hasil Pengamatan       | Status         |
|-----|-------------------------------|-------------------------------|------------------------|----------------|
| (1) | (2)                           | (3)                           | (4)                    | Melebihi/Tidak |
| 1   | Ketebalan Solum               | < 20 cm                       | >150                   | Tidak          |
| 2   | Kebatuan Permukaan            | > 40 %                        | 1                      | Tidak          |
| 3   | Komposisi Fraksi              | < 18 % koloid;                | 59                     | Tidak          |
|     |                               | > 80 % pasir kuarsitik        | 41                     | Tidak          |
| 4   | Berat Isi                     | > 1,4 g/cm <sup>3</sup>       | 1.06                   | Tidak          |
| 5   | Porositas Total               | < 30 %; > 70 %                | 59.4                   | Tidak          |
| 6   | Derajat Pelulusan air         | < 0,7 cm/jam; > 8,0 cm/jam    | 0.357                  | Melebihi       |
| 7   | pH (H <sub>2</sub> O) 1 : 2,5 | < 4,5 ; > 8,5                 | 6.2                    | Tidak          |
| 8   | Daya Hantar Listrik /DHL      | > 4,0 mS/cm                   | 0.1115                 | Tidak          |
| 9   | Redoks                        | < 200 mV                      | 124                    | Melebihi       |
| 10  | Jumlah Mikroba                | < 10 <sup>2</sup> cfu/g tanah | 2,27 x 10 <sup>6</sup> | Tidak          |

Sumber : BLH DIY

**Tabel SD-8 : Evaluasi Kerusakan Tanah di Lahan Basah**

Daerah Istimewa Yogyakarta  
Lokasi: Tidak ada lahan Basah di DIY  
Tahun Data : 2013

| No. | Parameter                                       | Ambang Kritis (PP 150/2000)   | Hasil Pengamatan | Melebihi/Tidak |
|-----|---|---|------------------|----------------|
| (1) | (2)   | (3)   | (4)              | (5)            |
| 1   | Subsistensi Gambut di atas pasir kuarsa         | > 35 cm/tahun untuk ketebalan gambut 3 m atau 10%/ 5 tahun untuk ketebalan gambut < 3 m | -                | -              |
| 2   | Kedalaman Lapisan Berpirit dari permukaan tanah | < 25 cm dengan pH 2,5   | -                | -              |
| 3   | Kedalaman Air Tanah dangkal                     | > 25 cm   | -                | -              |

Keterangan : (-) tidak ada lahan basah di DIY

Sumber : BLH DIY

**Tabel SD-9. Perkiraan Luas Kerusakan Hutan menurut Penyebabnya**

Daerah Istimewa Yogyakarta  
Tahun Data : 2013

| No. | Penyebab Kerusakan | Luas (Ha) |
|-----|--------------------|-----------|
|-----|--------------------|-----------|

| (1)   | (2)              | (3) |
|-------|------------------|-----|
| 1     | Kebakaran Hutan  | 0   |
| 2     | Ladang Bepindah  | 0   |
| 3     | Penebangan Liar  | 0   |
| 4.    | Perambahan Hutan | 0   |
| 5.    | Lainnya          | 200 |
| Total |                  | 200 |

Keterangan :

Sumber : Dishutbun DIY 2013

**Tabel SD-10. Pelepasan Kawasan Hutan yang dapat dikonversi Menurut Peruntukkan Daerah Istimewa Yogyakarta Tahun Data : 2013**

| No.   | Peruntukan   | Luas (Ha) |
|-------|--------------|-----------|
| (1)   | (2)          | (3)       |
| 1     | Pemukiman    | 20        |
| 2     | Pertanian    | 0         |
| 3     | Perkebunan   | 0         |
| 4     | Industri     | 0         |
| 5     | Pertambangan | 0         |
| 6     | Lainnya      | 0         |
| Total |              | 20        |

Keterangan :

Sumber : Dishutbun DIY 2013

## B. Keanekaragaman Hayati

**Tabel SD-10: Keadaan Flora dan Fauna yang Dilindungi Daerah Istimewa Yogyakarta Tahun Data : 2013**

| No. | Golongan       | Nama spesies      |                            | Status  |          |           |            |
|-----|----------------|-------------------|----------------------------|---------|----------|-----------|------------|
|     |                |                   |                            | endemik | terancam | berlimpah | dilindungi |
| 1   | Hewan menyusui | Rusa Timor        | <i>Cervus timorensis</i>   |         |          | v         |            |
|     |                | Banteng/Sapi Bali | <i>Bos javanicus</i>       |         |          | v         |            |
|     |                | Bekantan          | <i>Nasalir larvatus</i>    | v       |          |           |            |
|     |                | Beruang Madu      | <i>Helarctos malayanus</i> |         | v        |           |            |

| No. | Golongan | Nama spesies             |                                   | Status  |          |           |            |
|-----|----------|--------------------------|-----------------------------------|---------|----------|-----------|------------|
|     |          |                          |                                   | endemik | terancam | berlimpah | dilindungi |
|     |          | Gajah Sumatera           | <i>Elephas maximus sumatranus</i> |         | v        |           |            |
|     |          | Harimau Sumatera         | <i>Panthera tigris sumatrae</i>   | v       |          |           |            |
|     |          | Kanguru Abu              | <i>Thylogale brunii</i>           |         | v        |           |            |
|     |          | Kijang                   | <i>Muntiacus muntjak</i>          |         | v        |           |            |
|     |          | Kuda Nil                 | <i>Hippopotamus amphibius</i>     | v       |          |           |            |
|     |          | Lutung Jawa              | <i>Presbytis pyrrus</i>           | v       |          |           |            |
|     |          | Orang Utan               | <i>Pongo pygmaeus</i>             | v       |          |           |            |
|     |          | Owa Sumatera             | <i>Hylobates agilis</i>           | v       |          |           |            |
|     |          | Owa Kalimantan           | <i>Hylobates mulleri</i>          | v       |          |           |            |
|     |          | Kukang                   | <i>Nycticebus coucang</i>         |         | v        |           |            |
|     |          | Siamang                  | <i>Symphalangus syndactylus</i>   |         | v        |           |            |
|     |          | Tapir                    | <i>Tapirus indicus</i>            | v       |          |           |            |
|     |          | Rusa Sambar              | <i>Cervus unicolor</i>            |         |          | v         |            |
| 2   | Burung   | Kuntul                   | <i>Bubulcus ibis</i>              |         |          | v         |            |
|     |          | Cangak Awu               | <i>Ardea cinerea</i>              |         | v        |           |            |
|     |          | Jalak Bali               | <i>Leucopsar rothschildii</i>     | v       |          |           |            |
|     |          | Jalak Putih              | <i>Sturnus melanopterus</i>       |         | v        |           |            |
|     |          | Nuri Merah Kepala Hitam  | <i>Lorius lory</i>                | v       |          |           |            |
|     |          | Nuri Bayan               | <i>Lorius roratus</i>             |         | v        |           |            |
|     |          | Elang Brontok            | <i>Spizaetus chirrhatus</i>       |         | v        |           |            |
|     |          | Elang Ular Bido          | <i>Spilornis cheela</i>           |         | v        |           |            |
|     |          | Sikep Madu Asia          | <i>Pernis ptilorhinchus</i>       |         | v        |           |            |
|     |          | Elang Hitam              | <i>Ictinaetus malayensis</i>      |         | v        |           |            |
|     |          | Elang Ikan Kepala Kelabu | <i>Ichthyophaga ichtyaetus</i>    |         | v        |           |            |
|     |          | Elang Jawa               | <i>Spizaetus bartelsi</i>         |         | v        |           |            |
|     |          | Elang Bondol             | <i>Haliastur indus</i>            |         | v        |           |            |
|     |          | Elang Setiwele           | <i>Hieraetus pennatus</i>         |         | v        |           |            |
|     |          | Elang Laut Perut Putih   | <i>Hakiaetus leucogaster</i>      |         | v        |           |            |
|     |          | Elang Alap Jambul        | <i>Accipiter trivirgatus</i>      |         | v        |           |            |

| No. | Golongan                            | Nama spesies                      | Status  |          |           |            |
|-----|-------------------------------------|-----------------------------------|---------|----------|-----------|------------|
|     |                                     |                                   | endemik | terancam | berlimpah | dilindungi |
|     | Elang Alap China                    | <i>Accipter soloensis</i>         |         | v        |           |            |
|     | Elang Tikus                         | <i>Elanus caeruleus</i>           |         | v        |           |            |
|     | Alap-Alap Macan                     | <i>Falco severus</i>              |         | v        |           |            |
|     | Alap-Alap Kawah                     | <i>Falco peregrinus</i>           |         | v        |           |            |
|     | Alap-Alap Sapi                      | <i>Falco moluccensis</i>          |         | v        |           |            |
|     | Rangkok Badak                       | <i>Buceros rhinoceros</i>         |         | v        |           |            |
|     | Julang Emas                         | <i>Aceros undulatus</i>           | v       |          |           |            |
|     | Kangkareng Perut Putih              | <i>Anthracceros albirostris</i>   | v       |          |           |            |
|     | Kakatua putih kecil tidak berjambul | <i>Cacatua goffini</i>            | v       |          |           |            |
|     | Kakatua jambul orange besar         | <i>Cacatua moluccensis</i>        | v       |          |           |            |
|     | Kakatua putih besar jambul kuning   | <i>Cacatua gallerita</i>          |         | v        |           |            |
|     | Kasuari Gelambir Ganda              | <i>Casuarius casuarius</i>        |         | v        |           |            |
|     | Kasuari Gelambir Satu               | <i>Casuarius unappendiculatus</i> |         | v        |           |            |
|     | Mambruk                             | <i>Goura cristata</i>             |         | v        |           |            |
|     | Merak Hijau                         | <i>Pavo muticus</i>               |         | v        |           |            |
|     | Cendrawasih                         | <i>Paradisea minor</i>            | v       |          |           |            |
|     | Maleo                               | <i>Macrocephalon maleo</i>        | v       |          |           |            |
|     | Pelikan                             | <i>Pelecanus conspicillatus</i>   |         | v        |           |            |
|     | Cekakak Sungai                      | <i>Halcyon chloris</i>            |         | v        |           |            |
|     | Cekakak Jawa                        | <i>Halcyon cyanoventris</i>       |         | v        |           |            |
|     | Kipasan Belang                      | <i>Rhipidura javanica</i>         | v       |          |           |            |
|     | Kipasan Ekor Merah                  | <i>Rhipidura phoenicura</i>       | v       |          |           |            |

| No. | Golongan | Nama spesies         | Status                        |          |           |            |  |
|-----|----------|----------------------|-------------------------------|----------|-----------|------------|--|
|     |          |                      | endemik                       | terancam | berlimpah | dilindungi |  |
|     |          | Burung Madu Kelapa   | <i>Anthreptes malaccensis</i> |          |           | v          |  |
|     |          | Burung Madu Sriganti | <i>Nectarinia jugularis</i>   |          |           | v          |  |

Keterangan :

Sumber : Balai KSDA Yogyakarta 2013

## C. Air

**Tabel SD-12. Inventarisasi Sungai**

Daerah Istimewa Yogyakarta

Tahun Data : 2013

| No. | Nama Sungai | Panjang (km) | Lebar (m) |       | Kedalaman (m) | Debit (m <sup>3</sup> /dtk) |      |
|-----|-------------|--------------|-----------|-------|---------------|-----------------------------|------|
|     |             |              | Pemukaan  | Dasar |               | Maks                        | Min  |
| 1   | Progo       | 149          | -         | -     | -             | -                           | -    |
| 2   | Opak        | 61,6         | 24,5      | 20    | 10            |                             | 0,28 |
| 3   | Serang      | 36           | -         | -     | -             | -                           | -    |
| 4   | Winongo     | 29,6         | 14        | 15    | 13            |                             | 2.14 |
| 5   | Code        | 30,8         | 12        | 10    | 5             |                             | 0,26 |
| 6   | Gajahwong   | 29,7         | 11        | 10    | 7             |                             | 0,81 |
| 7   | Bedog       | 40,6         | 17        | 15    | 10            |                             | 1,19 |
| 8   | Tambakbayan | 22,8         | -         | -     | -             | -                           | -    |
| 9   | Oyo         | 168,9        | -         | -     | -             | -                           | -    |

Keterangan : Lebar dan kedalaman sungai dihitung rata-ratanya

Sumber : BLH DIY

**Tabel SD-13 : Inventarisasi Danau/Waduk/Situ/Embung**

Daerah Istimewa Yogyakarta

Tahun Data : 2013

| No. | Nama Danau/Waduk/Situ/Embung | Luas (Ha) | Volume (m <sup>3</sup> ) |
|-----|------------------------------|-----------|--------------------------|
| (1) | (2)                          | (3)       | (4)                      |
|     | Telaga                       |           |                          |
| 1   | Miri ledok                   | 0.30      | 5,400                    |
| 2   | Seperang                     | 0.16      | 1,120                    |

| No. | Nama Danau/Waduk/Situ/Embung | Luas (Ha) | Volume (m <sup>3</sup> ) |
|-----|------------------------------|-----------|--------------------------|
| (1) | (2)                          | (3)       | (4)                      |
| 3   | besole                       | 0.50      | 10,000                   |
| 4   | Ngjarangan                   | 0.24      | 2,400                    |
| 5   | jalin                        | 0.38      | 1,875                    |
| 6   | mrico                        | 0.10      | 500                      |
| 7   | Marang                       | 0.32      | 1,600                    |
| 8   | Pucong Anom                  | 0.10      | 2,000                    |
| 9   | Makam                        | 0.12      | 1,200                    |
| 10  | Karang                       | 0.10      | 500                      |
| 11  | Pal Gading                   | 0.30      | 10,500                   |
| 12  | Gonggongan                   | 0.10      | 1,300                    |
| 13  | Karang Wetan                 | 0.06      | 600                      |
| 14  | Klapok                       | 0.01      | 40                       |
| 15  | Sumber                       | 0.10      | 500                      |
| 16  | Pakalgede                    | 0.05      | 90                       |
| 17  | Ngjarangan                   | 0.03      | 300                      |
| 18  | Jombor                       | 0.03      | 600                      |
| 19  | Sambi                        | 0.10      | 2,000                    |
| 20  | Pringombo                    | 0.10      | 0                        |
| 21  | Klumpit                      | 0.40      | 11,200                   |
| 22  | Ploso                        | 0.40      | 12,000                   |
| 23  | Pampom                       | 0.12      | 600                      |
| 24  | Bembem                       | 0.15      | 1,500                    |
| 25  | Bung Paing                   | 0.24      | 1,200                    |
| 26  | Tapan                        | 0.24      | 1,200                    |
| 27  | Putat                        | 0.32      | 3,200                    |
| 28  | Popok                        | 0.32      | 3,200                    |
| 29  | Banyuleng                    | 0.50      | 2,500                    |
| 30  | Dukuh                        | 0.18      | 540                      |
| 31  | Jawanggi                     | 0.15      | 450                      |
| 32  | Towet                        | 0.30      | 5,100                    |
| 33  | pakem                        | 0.05      | 1,000                    |
| 34  | Sapoal                       | 0.06      | 188                      |
| 35  | Ngurik                       | 0.30      | 3,000                    |
| 36  | Gandrung                     | 0.06      | 0                        |
| 37  | Luweng Lor                   | 0.20      | 4,000                    |
| 38  | Pucong                       | 0.24      | 720                      |
| 39  | Jurangjero                   | 0.01      | 200                      |
| 40  | Pringsurat                   | 0         | 7                        |
| 41  | Grigu                        | 0.40      | 2,000                    |
| 42  | Blekonang                    | 0.20      | 0                        |
| 43  | Ketileng                     | 0.11      | 1,050                    |

| No. | Nama Danau/Waduk/Situ/Embung | Luas (Ha) | Volume (m <sup>3</sup> ) |
|-----|------------------------------|-----------|--------------------------|
| (1) | (2)                          | (3)       | (4)                      |
| 44  | Sumurwuni                    | 0.16      | 2,880                    |
| 45  | Dendeng Welut                | 0.60      | 15,000                   |
| 46  | Gandu                        | 0.20      | 2,200                    |
| 47  | Dak Kawak                    | 0.20      | 2,000                    |
| 48  | Mendak                       | 0.50      | 7,500                    |
| 49  | Nongkojorong                 | 0.30      | 7,500                    |
| 50  | Genji                        | 0.10      | 1,300                    |
| 51  | Motoendro                    | 0.10      | 1,300                    |
| 52  | Ngjaran                      | 0.24      | 480                      |
| 53  | Nganjan                      | 0.25      | 750                      |
| 54  | Ngringin                     | 0.56      | 14,000                   |
| 55  | Silihan                      | 0.24      | 8,400                    |
| 56  | Guwoklepo                    | 0.84      | 14,280                   |
| 57  | Thonthong                    | 0.28      | 8,400                    |
| 58  | Kenteng                      | 0.64      | 9,600                    |
| 59  | Namberan                     | 3.00      | 105,000                  |
| 60  | Bromo                        | 2.25      | 78,750                   |
| 61  | Jambeanom                    | 9.60      | 288,000                  |
| 62  | Kepuh                        | 1.50      | 45,000                   |
| 63  | Pengos                       | 8.00      | 160,000                  |
| 64  | Mojeng                       | 0.70      | 22,750                   |
| 65  | Sawah                        | 0.75      | 11,250                   |
| 66  | Kemiri                       | 0.01      | 578                      |
| 67  | Bendungan                    | 0         | 48                       |
| 68  | Jrakah                       | 0.28      | 15,680                   |
| 69  | Seropan                      | 0.10      | 1,500                    |
| 70  | Padangan                     | 0.55      | 5,500                    |
| 71  | Belik                        | 0.10      | 2,000                    |
| 72  | Wonosari                     | 0.20      | 3,000                    |
| 73  | Alas Ombo                    | 0.18      | 3,240                    |
| 74  | Kelis                        | 1.40      | 28,000                   |
| 75  | Sempu                        | 0.55      | 15,125                   |
| 76  | Mencukan                     | 1.40      | 20,300                   |
| 77  | Tritis                       | 0.50      | 30,000                   |
| 78  | Sumur                        | 0.01      | 840                      |
| 79  | Prebutan                     | 0.36      | 10,800                   |
| 80  | Dayakan                      | 0.32      | 10,080                   |
| 81  | lebak                        | 0.17      | 8,828                    |
| 82  | Sogo                         | 1.80      | 32,400                   |
| 83  | Goplak                       | 0.24      | 4,800                    |
| 84  | Gadel                        | 0.40      | 20,000                   |

| No. | Nama Danau/Waduk/Situ/Embung | Luas (Ha) | Volume (m <sup>3</sup> ) |
|-----|------------------------------|-----------|--------------------------|
| (1) | (2)                          | (3)       | (4)                      |
| 85  | Depok                        | 0.60      | 21,000                   |
| 86  | Lanang                       | 0.72      | 10,800                   |
| 87  | Mati                         | 0.36      | 3,600                    |
| 88  | Belik                        | 0.32      | 4,800                    |
| 89  | Tlagan                       | 0.36      | 3,600                    |
| 90  | Gupak Warak                  | 0.88      | 13,200                   |
| 91  | Mijahan                      | 0.15      | 12,000                   |
| 92  | Pragak 1                     | 0.40      | 32,000                   |
| 93  | Pragak 2                     | 0.02      | 675                      |
| 94  | Tambak                       | 5.25      | 210,000                  |
| 95  | Clorot                       | 1.00      | 20,000                   |
| 96  | Jemblong                     | 5.00      | 150,000                  |
| 97  | Ceblok                       | 0.60      | 18,000                   |
| 98  | Nangsri                      | 0.72      | 50,400                   |
| 99  | Kedukan                      | 0.91      | 16,380                   |
| 100 | Bowongan                     | 0.45      | 7,650                    |
| 101 | Bogosari                     | 0.33      | 19,500                   |
| 102 | Lemahmendak                  | 0.60      | 16,800                   |
| 103 | Srilulut 1                   | 11.25     | 618,750                  |
| 104 | Srilulut 2                   | 6.00      | 240,000                  |
| 105 | Pacing                       | 0.50      | 28,750                   |
| 106 | Dengok                       | 1.50      | 52,500                   |
| 107 | Mendak                       | 0.40      | 10,800                   |
| 108 | Ginaru                       | 7.88      | 118,125                  |
| 109 | Sureng                       | 5.00      | 187,500                  |
| 110 | Ledok                        | 1.32      | 72,600                   |
| 111 | Lebuh                        | 0.24      | 7,680                    |
| 112 | Tanjung                      | 1.05      | 57,750                   |
| 113 | Jonge                        | 2.40      | 108,000                  |
| 114 | Jetis                        | 0.96      | 33,600                   |
| 115 | Gandu                        | 0.50      | 24,750                   |
| 116 | Krecek                       | 0.02      | 700                      |
| 117 | Jambe                        | 0.20      | 4,000                    |
| 118 | Tirisan                      | 0.08      | 1,688                    |
| 119 | Sempon                       | 0.20      | 6,468                    |
| 120 | Badut                        | 0.10      | 1,200                    |
| 121 | Petit                        | 0.04      | 750                      |
| 122 | Belik                        | 1.04      | 31,200                   |
| 123 | Widoro                       | 0.16      | 5,513                    |
| 124 | Sentul                       | 0.10      | 1,000                    |
| 125 | Ngepung                      | 0.20      | 3,000                    |

| No. | Nama Danau/Waduk/Situ/Embung | Luas (Ha) | Volume (m <sup>3</sup> ) |
|-----|------------------------------|-----------|--------------------------|
| (1) | (2)                          | (3)       | (4)                      |
| 126 | Wuluh                        | 0.64      | 12,800                   |
| 127 | Bolang                       | 0.32      | 7,360                    |
| 128 | Sangu Pati                   | 0.80      | 16,000                   |
| 129 | Gesing                       | 0.48      | 4,800                    |
| 130 | Pego                         | 1.65      | 16,500                   |
| 131 | Peden                        | 5.25      | 144,375                  |
| 132 | Tlempok                      | 0.50      | 7,500                    |
| 133 | Weliklar                     | 1.88      | 28,125                   |
| 134 | Kenangan                     | 3.60      | 72,000                   |
| 135 | Jimbrak                      | 0.30      | 6,000                    |
| 136 | Towati                       | 0.45      | 15,750                   |
| 137 | Ngrancah                     | 0.75      | 14,250                   |
| 138 | Sawah                        | 0.18      | 3,870                    |
| 139 | Bamban                       | 1.00      | 15,000                   |
| 140 | Krinjing 1                   | 0.09      | 1,350                    |
| 141 | Krinjing 2                   | 0.04      | 375                      |
| 142 | Karangtritis                 | 0.10      | 2,000                    |
| 143 | Nglibeng                     | 0.06      | 1,020                    |
| 144 | Sureng                       | 0.21      | 2,100                    |
| 145 | Kajorwuluh                   | 0.10      | 1,500                    |
| 146 | Winangun                     | 0.51      | 6,630                    |
| 147 | Kotekan                      | 0.21      | 1,680                    |
| 148 | Brunyah                      | 0.04      | 300                      |
| 149 | Prigi                        | 0.66      | 11,220                   |
| 150 | Ngledok                      | 0.51      | 6,375                    |
| 151 | Ngiratan                     | 0.39      | 7,800                    |
| 152 | Juruk                        | 0.48      | 4,800                    |
| 153 | Pego                         | 0.06      | 720                      |
| 154 | Kedung Buntung               | 0.05      | 675                      |
| 155 | Kedukan                      | 0.16      | 1,219                    |
| 156 | Pomahan                      | 0.30      | 4,500                    |
| 157 | Blekonang                    | 0.50      | 2,500                    |
| 158 | Tlempok                      | 0.18      | 3,500                    |
| 159 | Klumpit                      | 0.15      | 1,800                    |
| 160 | Kalen                        | 0.06      | 900                      |
| 161 | Walangan                     | 0.48      | 4,800                    |
| 162 | Kalen                        | 0.25      | 4,000                    |
| 163 | Sumur                        | 0.54      | 5,940                    |
| 164 | Carat Gede                   | 0.06      | 720                      |
| 165 | Ngroyo                       | 2.00      | 20,000                   |
| 166 | Sawah                        | 0.56      | 28,000                   |

| No. | Nama Danau/Waduk/Situ/Embung | Luas (Ha) | Volume (m <sup>3</sup> ) |
|-----|------------------------------|-----------|--------------------------|
| (1) | (2)                          | (3)       | (4)                      |
| 167 | Kerdonmiri                   | 0.25      | 11,250                   |
| 168 | Suruh                        | 0.40      | 20,000                   |
| 169 | Randu                        | 0.16      | 6,400                    |
| 170 | Bete                         | 0.32      | 6,400                    |
| 171 | Klipo                        | 0.88      | 14,960                   |
| 172 | Sriten                       | 0.60      | 18,000                   |
| 173 | Gesing                       | 1.12      | 33,600                   |
| 174 | Ngrijing                     | 0.21      | 5,250                    |
| 175 | Kempul                       | 0.06      | 900                      |
| 176 | Sodong                       | 0.40      | 10,000                   |
| 177 | Pakel                        | 0.50      | 0                        |
| 178 | Sawah                        | 0.32      | 3,840                    |
| 179 | Seropan                      | 0.72      | 10,800                   |
| 180 | Bolang                       | 0.32      | 7,360                    |
| 181 | Ndowayah                     | 0.20      | 2,000                    |
| 182 | Jurug                        | 0.30      | 3,000                    |
| 183 | Wungu                        | 0.40      | 4,000                    |
| 184 | Tileng                       | 0.40      | 8,000                    |
| 185 | Song Pcis                    | 0.24      | 2,400                    |
| 186 | Bonagung                     | 0.25      | 4,900                    |
| 187 | Ploso                        | 0.16      | 3,200                    |
| 188 | Baran                        | 0.20      | 2,000                    |
| 189 | Kenteng                      | 0.30      | 6,000                    |
| 190 | Nguluran                     | 0.30      | 7,500                    |
| 191 | Dawung                       | 1.00      | 10,000                   |
| 192 | Cabean                       | 0.30      | 3,000                    |
| 193 | Ngejring                     | 0.12      | 2,400                    |
| 194 | Dawe                         | 0.60      | 15,000                   |
| 195 | Ngersan                      | 0.30      | 3,000                    |
| 196 | Pomahan                      | 0.35      | 3,500                    |
| 197 | Cethek                       | 0.63      | 9,375                    |
| 198 | Banteng                      | 0.60      | 18,000                   |
| 199 | Tengger                      | 0.40      | 8,000                    |
| 200 | Jati                         | 0.32      | 4,800                    |
| 201 | Tingkes                      | 0.10      | 0                        |
| 202 | Buhkulon                     | 0.15      | 3,000                    |
| 203 | Plalar                       | 0.45      | 11,250                   |
| 204 | Pucung                       | 0.45      | 0                        |
| 205 | Pakel gung-gungan            | 0.28      | 5,600                    |
| 206 | Pakel                        | 0.94      | 18,700                   |
| 207 | Kalen                        | 0.30      | 4,500                    |

| No. | Nama Danau/Waduk/Situ/Embung | Luas (Ha) | Volume (m <sup>3</sup> ) |
|-----|------------------------------|-----------|--------------------------|
| (1) | (2)                          | (3)       | (4)                      |
| 208 | Pucungsari                   | 0.03      | 600                      |
| 209 | Bentaos                      | 0.24      | 2,400                    |
| 210 | Bogor                        | 0.40      | 4,000                    |
| 211 | Kembang                      | 0.65      | 6,500                    |
| 212 | Gondang                      | 0.18      | 2,625                    |
| 213 | Jlubang                      | 0.75      | 3,750                    |
| 214 | Luweng Ombo                  | 0.90      | 40,500                   |
| 215 | Jurug                        | 0.25      | 3,750                    |
| 216 | Puen                         | 0.50      | 17,500                   |
| 217 | Wuni                         | 0.38      | 11,250                   |
| 218 | Tekil                        | 0.35      | 14,000                   |
| 219 | Witowati                     | 0.50      | 17,500                   |
| 220 | Witowati 2                   | 0.12      | 1,800                    |
| 221 | Nrancah                      | 0.24      | 4,800                    |
| 222 | Guntur                       | 0.26      | 3,938                    |
| 223 | Karang Tengah                | 0.20      | 2,000                    |
| 224 | Bengle                       | 0.50      | 10,000                   |
| 225 | Pucung                       | 0.53      | 13,125                   |
| 226 | Ngepoh                       | 0.60      | 10,500                   |
| 227 | Mesu                         | 0.25      | 15,000                   |
| 228 | Karet                        | 0.50      | 20,000                   |
| 229 | Wonolagi                     | 2.00      | 40,000                   |
| 230 | Tambur                       | 0.23      | 6,825                    |
| 231 | Jirak                        | 0.30      | 15,000                   |
| 232 | Bendo                        | 0.05      | 675                      |
| 233 | Kedungbendo                  | 0.86      | 17,250                   |
| 234 | Bandung                      | 0.32      | 15,750                   |
| 235 | Sudo                         | 0.52      | 5,200                    |
| 236 | Bribin                       | 0.75      | 11,250                   |
| 237 | Nanas                        | 2.00      | 20,000                   |
| 238 | Pugeran                      | 0.35      | 5,250                    |
| 239 | manggung                     | 0.50      | 5,000                    |
| 240 | Karangkidul                  | 0.35      | 7,000                    |
| 241 | Suci                         | 0.08      | 1,875                    |
| 242 | Winong                       | 45.00     | 1,125,000                |
| 243 | Jlumbang                     | 5.40      | 162,000                  |
| 244 | Kepek                        | 9.00      | 135,000                  |
| 245 | Bandungan                    | 5.00      | 275,000                  |
| 246 | Omang                        | 104.00    | 5,200,000                |
| 247 | Belik                        | 0.12      | -                        |
| 248 | Sumuran                      | 1.50      | -                        |

| No. | Nama Danau/Waduk/Situ/Embung  | Luas (Ha) | Volume (m <sup>3</sup> ) |
|-----|---|-----------|--------------------------|
| (1) | (2)   | (3)       | (4)                      |
| 249 | Weru  | 1.50      | -                        |
| 250 | Sudang  | 6.00      | -                        |
| 251 | Kemesu  | 0.40      | 12,000                   |
| 252 | Dondong   | 40.00     | 800,000                  |
| 253 | Ngloro  | 2.00      | 80,000                   |
| 254 | Wuni  | 3.00      | 30,000                   |
| 255 | Ngrandu   | 0.48      | -                        |
| 256 | Miri Wetan  | 2.25      | 67,500                   |
| 257 | Kuang   | 0.15      | -                        |
| 258 | Sawah/Miri Kulon  | 2.00      | 30,000                   |
| 259 | Soko  | 3.00      | -                        |
| 260 | Melengan  | 3.00      | -                        |
| 261 | Sade  | 6.00      | -                        |
| 262 | Beton   | 0.38      | 26,250                   |
| 263 | Rawa  | 0.20      | 8,000                    |
| 264 | Sawahan   | 0.01      | 247                      |
| 265 | Sawah Orbo  | 40.00     | 1,200,000                |
| 266 | Kepleng   | 1.88      | 56,250                   |
| 267 | Telogo Bendo  | 0.10      | 1,000                    |
| 268 | Klumpit   | 1.50      | 22,500                   |
| 269 | Ngampel Orbo  | 0.30      | 0                        |
| 270 | Nglungguh   | 1.00      | 10,000                   |
| 271 | Prampilan   | 0.50      | 7,500                    |
| 272 | Bendo   | 0.38      | 0                        |
| 273 | Jomblang  | 0.60      | 6,000                    |
| 274 | Sunut   | 1.50      | 22,500                   |
| 275 | Bendo   | 0.28      | 4,200                    |
| 276 | Poko  | 0.70      | 10,500                   |
| 277 | Timbo   | 0.38      | 3,750                    |
| 278 | Gombang   | 0.21      | 3,780                    |
| 279 | Ngrejek   | 0.69      | 17,188                   |
| 280 | Mendak  | 0.90      | 22,500                   |
| 281 | Kedokan   | 0.32      | 6,400                    |
| 282 | Kanigoro  | 1.60      | 16,000                   |
|     | Embung  |           |                          |
| 1   | Embung Tlogoputri , Kaliurang, Hargobinangun, Pakem                 | 0,30      | 4.000                    |
| 2   | Embung Gagaksuro, Sidomuoyo, Godean                                 | 0,75      | 30.000                   |
| 3   | Embung Tirta Artha, Jl.KRT.Pringgodiningrat, Beran, Tridadi, Sleman | 0,80      | 15000                    |
| 4   | Embung Griya Mahkota, Nogotirto, Gamping                            | 0,70      | 20.000                   |

| No. | Nama Danau/Waduk/Situ/Embung                       | Luas (Ha) | Volume (m <sup>3</sup> ) |
|-----|--|-----------|--------------------------|
| (1) | (2)  | (3)       | (4)                      |
| 5   | Embung Klampeyan, Tlogoadi, Mlati                  | 1,80      | 59.400                   |
| 6   | Embung Kemiri, Purwobinangun, Pakem                | 0,80      | 25.000                   |
| 7   | Embung Tambakboyo, Tambakboyo, Condongcatur, Depok | 8,80      | 600.000                  |
| 8   | Embung Lembah UGM, Caturtunggal, Depok             | 0,90      | 30.000                   |
| 9   | Embung Jurangjero                                  | 0,75      | 20.000                   |
| 10  | Embung Temuwuh                                     | 0,60      | 8.000                    |
| 11  | Embung Gadung                                      | 0,40      | 2.000                    |
| 12  | Embung Jering, Sidorejo, Godean                    | 1,00      | 36.000                   |
| 13  | Embung Gatep, Purwobinangun, Pakem                 | 0,60      | 6.000                    |
| 14  | Embung Karanggeneng, Purwobinangun, Pakem          | 1,10      | 36.253                   |
| 15  | Embung Punthuk, Wonokerto, Turi (hanya PAH)        | 0,010     | 80                       |
| 16  | Embung Parangan, Gayamharjo, Prambanan             | 0,004     | 40                       |
| 17  | Embung Losari I, Losari, Gayamharjo, Prambanan     | 0,004     | 40                       |
| 18  | Embung Klumpit I, Wukirharjo, Prambanan            | 0,004     | 40                       |
| 19  | Embung Dayakan, Sumberharjo, Prambanan             | 0,004     | 40                       |
| 20  | Embung Tangkisan I                                 | 0         | 35000                    |
| 21  | Embung Tangkisan II                                | 0         | 7500                     |
| 22  | Embung Ngroto                                      | 0,3120    | 26628                    |
| 23  | Embung Kayangan                                    | 0,1500    | 23200                    |
| 24  | Embung Dawetan                                     | 0,9438    | 37469                    |
| 25  | Embung Penggung                                    | 1,5146    | 32626                    |
| 26  | Embung Blubuk                                      | 0,9525    | 11000                    |
|     | <b>Waduk</b>                                       |           |                          |
| 1   | Waduk Sermo  | 157       | 20167000                 |

Keterangan : Lebar dan kedalaman sungai dihitung rata-ratanya

Sumber : Dinas PUP dan ESDM DIY

#### Tabel SD-14 : Kualitas Air Sungai

Daerah Istimewa Yogyakarta

Lokasi : Sungai Winongo

Tahun Data : 2013

| No | Parameter | Baku | Satuan | Lokasi Sampling |
|----|-----------|------|--------|-----------------|
|----|-----------|------|--------|-----------------|

|               | Mutu                        |       |          | 1                          | 2                    | 3                          | 4                          | 5                    | 6                    | 7                          | 8                          |
|---------------|-----------------------------|-------|----------|----------------------------|----------------------|----------------------------|----------------------------|----------------------|----------------------|----------------------------|----------------------------|
| (1)           | (2)                         | (3)   | (4)      | (5)                        | (6)                  | (7)                        | (8)                        | (9)                  | (10)                 | (11)                       | (12)                       |
| Sungai Wnongo | Nama Lokasi                 |       |          | Turi                       | Denggun g            | Kricak                     | Jlagra n                   | Tamansa ri           | Dongkela n           | Bakula n                   | Krete k                    |
|               | Koordinat                   |       |          | S : 07<br>38'<br>47.6"     | S : 07<br>40' 40.2"  | S :<br>07<br>46'<br>37.0"  | S :<br>07<br>47'<br>23.2"  | S : 07<br>48' 30.1"  | S : 07<br>50' 25.2"  | S :<br>07<br>54'<br>45.9"  | S :<br>07<br>58'<br>43.4"  |
|               |                             |       |          | E :<br>110<br>22'<br>59.9" | E : 110<br>22' 34.7" | E :<br>110<br>21'<br>26.6" | E :<br>110<br>21'<br>26.6" | E : 110<br>21' 13.4" | E : 110<br>20' 25.2" | E :<br>110<br>20'<br>49.3" | E :<br>110<br>18'<br>48.3" |
|               | Waktu Pemantauan            |       |          | Feb 2013                   | Feb 2013             | Feb 2013                   | Feb 2013                   | Feb 2013             | Feb 2013             | Feb 2013                   | Feb 2013                   |
| 1             | Suhu                        | ± 3°C | °C       | 24.9                       | 27.7                 | 29.6                       | 29.6                       | 30.6                 | 28.8                 | 28.1                       | 28.9                       |
| 2             | pH                          | 6-8,5 | -        | 6.9                        | 6.6                  | 6.9                        | 7.1                        | 6.5                  | 7.2                  | 6.9                        | 7                          |
| 3             | Daya Hantar Listrik         | (-)   | mmhos/cm | 159                        | 227                  | 275                        | 291                        | 37                   | 400                  | 432                        | 475                        |
| 4             | Residu Terlarut             | 1000  | mg/L     | 89                         | 106                  | 128                        | 136                        | 17                   | 200                  | 216                        | 237                        |
| 5             | Residu Tersuspensi          | 50    | mg/L     | 18                         | 22                   | 24                         | 25                         | 26                   | 25                   | 27                         | 28                         |
| 6             | Oksigen terlarut (DO)       | 5     | mg/L     | 6.1                        | 6.9                  | 6.3                        | 6.7                        | 5.5                  | 7.5                  | 6.3                        | 26.9                       |
| 7             | BOD <sub>5</sub>            | 3     | mg/L     | 9.2                        | 3.5                  | 7.5                        | 9.4                        | 15.4                 | 7.5                  | 15.4                       | 11.4                       |
| 8             | COD                         | 25    | mg/L     | 13.7                       | 5.3                  | 14.1                       | 22.8                       | 20.7                 | 20.7                 | 28.2                       | 25                         |
| 9             | Klorin bebas                | 0.03  | mg/L     | 0.04                       | 0.12                 | 0.08                       | 0.06                       | 0.05                 | 0.08                 | 0.12                       | 0.1                        |
| 10            | Nitrat (NO <sub>3</sub> -N) | 10    | mg/L     | 0.9                        | 1.6                  | 1.6                        | 1.6                        | 1.9                  | 0.7                  | 0.6                        | 1.3                        |
| 11            | Nitrit                      | 0.06  | mg/L     | 0.02                       | 0.01                 | 0.02                       | 0.02                       | 0.02                 | 0.02                 | 0.02                       | 0.02                       |
| 12            | Fluorida                    | 1.5   | mg/L     | 0.1                        | 0.19                 | 0.03                       | 0.5                        | 0.98                 | 0.6                  | 0.4                        | 0.2                        |
| 13            | Sulfat                      | (-)   | mg/L     | 161                        | 2                    | 11                         | 7                          | 11                   | 9                    | 9                          | 8                          |
| 14            | Sulfida (H <sub>2</sub> S)  | 0.002 | mg/L     | 0.099                      | 0.321                | 0.095                      | 0.197                      | 0.144                | 0.059                | 0.059                      | 0.009                      |
| 15            | Amoniak                     | (-)   | mg/L     | 0.1                        | 0.04                 | 0.06                       | 0.08                       | 0.06                 | 0.09                 | 0.11                       | 0.2                        |
| 16            | Permanganat                 | (-)   | mg/L     | 5.9                        | 5.6                  | 6.2                        | 5.9                        | 7.7                  | 8                    | 6.5                        | 7.4                        |
| 17            | Deterjen                    | 200   | mg/L     | 244                        | 110                  | 790                        | 148                        | 255                  | 300                  | 55                         | 180                        |
| 18            | Fenol                       | 1     | mg/L     | 0.1                        | 0.1                  | 0.1                        | 0.1                        | 0.1                  | 0.1                  | 0.1                        | 0.1                        |
| 19            | Fosfat (PO <sub>4</sub> )   | 0.2   | mg/L     | 0.1                        | 0.1                  | 0.1                        | 0.1                        | 0.1                  | 0.2                  | 0.1                        | 0.2                        |
| 20            | Sianida (CN)                | 0.02  | mg/L     | 0.001                      | 0.003                | 0.001                      | 0.001                      | 0.006                | 0.01                 | 0.011                      | 0.001                      |
| 21            | Minyak & lemak              | 1000  | µg/L     | 500                        | 1000                 | 1000                       | 1000                       | 1000                 | 1000                 | 500                        | 1000                       |
| 22            | Besi                        | (-)   | mg/L     | 0.07                       | 0.14                 | 0.08                       | 0.35                       | 0.49                 | 0.05                 | 0.5                        | 1.06                       |
| 23            | Mangan                      | (-)   | mg/L     | 0.29                       | 0.26                 | 0.15                       | 0.35                       | 0.25                 | 0.35                 | 0.35                       | 0.41                       |
| 24            | Kadmium (Cd)                | 0.01  | mg/L     | 0.02                       | 0.16                 | 0.13                       | 0.13                       | 0.02                 | 0.04                 | 0.01                       | 0.06                       |
| 25            | Seng (Zn)                   | 0.05  | mg/L     | 0.04                       | 0.02                 | 0.01                       | 0.03                       | 0.03                 | 0.04                 | 0.01                       | 0.01                       |
| 26            | Krom heksavalen             | 0.05  | mg/L     | 0.003                      | 0.004                | 0.002                      | 0.003                      | 0.003                | 0.007                | 0.004                      | 0.003                      |
| 27            | Tembaga (Cu)                | 0.02  | mg/L     | 0.04                       | 0.03                 | 0.02                       | 0.03                       | 0.04                 | 0.04                 | 0.05                       | 0.03                       |
| 28            | Salinitas                   | (-)   | ‰        | 0.1                        | 0.1                  | 0.1                        | 0.1                        | 0.1                  | 0.2                  | 0.2                        | 0.2                        |
| 29            | Warna                       | 100   | mg/L     | 33.2                       | 26.1                 | 19.3                       | 29                         | 51.7                 | 47.9                 | 32                         | 51.9                       |

| No  | Parameter          | Baku Mutu | Satuan     | Lokasi Sampling |        |        |       |        |         |        |       |
|-----|--------------------|-----------|------------|-----------------|--------|--------|-------|--------|---------|--------|-------|
|     |                    |           |            | 1               | 2      | 3      | 4     | 5      | 6       | 7      | 8     |
| (1) | (2)                | (3)       | (4)        | (5)             | (6)    | (7)    | (8)   | (9)    | (10)    | (11)   | (12)  |
| 30  | Boron              | 1         | mg/L       | 0.07            | 0.0001 | 0.0001 | 0.01  | 0.13   | 0.12    | 0.1    | 0.1   |
| 31  | Timbal (Pb)        | 0.03      | mg/L       | 0.12            | 0.23   | 0.19   | 0.19  | 0.23   | 0.02    | 0.23   | 0.3   |
| 32  | Bakteri Koli Tinja | 1000      | JPT/100 mL | 15000           | 23000  | 43000  | 93000 | 93000  | 2400000 | 15000  | 23000 |
| 33  | Bakteri Total Koli | 5000      | JPT/100 mL | 43000           | 43000  | 93000  | 24000 | 460000 | 460000  | 210000 | 93000 |

**Lokasi : Sungai Winongo (Lanjutan)**  
**Tahun Data : 2013**

| No             | Parameter                   | Baku Mutu | Satuan   | Lokasi Sampling  |                  |                  |                  |                  |                  |                  |                  |
|----------------|-----------------------------|-----------|----------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
|                |                             |           |          | 1                | 2                | 3                | 4                | 5                | 6                | 7                | 8                |
| (1)            | (2)                         | (3)       | (4)      | (5)              | (6)              | (7)              | (8)              | (9)              | (10)             | (11)             | (12)             |
| Sungai Winongo | Nama Lokasi                 |           |          | Turi             | Denggung         | Kricak           | Jlagran          | Tamansari        | Dongkelan        | Bakulan          | Kretak           |
|                | Koordinat                   |           |          | S: 07 38' 47.6"  | S: 07 40' 40.2"  | S: 07 46' 37.0"  | S: 07 47' 23.2"  | S: 07 48' 30.1"  | S: 07 50' 25.2"  | S: 07 54' 45.9"  | S: 07 58' 43.4"  |
|                | Koordinat                   |           |          | E: 110 22' 59.9" | E: 110 22' 34.7" | E: 110 21' 26.6" | E: 110 21' 26.6" | E: 110 21' 13.4" | E: 110 20' 25.2" | E: 110 20' 49.3" | E: 110 18' 48.3" |
|                | Waktu Pemantauan            |           |          | Mei 2013         | Mei 2013         | Mei 2013         | Mei 2013         | Mei 2013         | Mei 2013         | Mei 2013         | Mei 2013         |
| 1              | Suhu                        | ± 3°C     | °C       | 25.6             | 27.6             | 29.3             | 29.2             | 28.9             | 29.7             | 28.8             | 29.4             |
| 2              | pH                          | 6-8,5     | -        | 7.9              | 7.9              | 7.6              | 7.8              | 7.3              | 7.3              | 7                | 7.3              |
| 3              | Daya Hantar Listrik         | (-)       | mmhos/cm | 196              | 275              | 370              | 386              | 352              | 362              | 407              | 431              |
| 4              | Residu Terlarut             | 1000      | mg/L     | 98               | 138              | 185              | 193              | 162              | 170              | 193              | 206              |
| 5              | Residu Tersuspensi          | 50        | mg/L     | 43               | 15               | 19               | 21               | 12               | 17               | 16               | 19               |
| 6              | Oksigen terlarut (DO)       | 5         | mg/L     | 6.8              | 6.7              | 7                | 4.9              | 4.7              | 5.9              | 5.5              | 5.3              |
| 7              | BOD <sub>5</sub>            | 3         | mg/L     | 2.2              | 6.2              | 4.2              | 5.2              | 4.2              | 2.2              | 5.2              | 6.2              |
| 8              | COD                         | 25        | mg/L     | 5.4              | 12.2             | 10.5             | 9.5              | 12.3             | 7.4              | 11.2             | 10.7             |
| 9              | Klorin bebas                | 0.03      | mg/L     | 0.05             | 0.08             | 0.24             | 0.03             | 0.08             | 0.01             | 0.01             | 0.01             |
| 10             | Nitrat (NO <sub>3</sub> -N) | 10        | mg/L     | 0.6              | 1.1              | 1.6              | 2.8              | 4.1              | 2.9              | 1.7              | 1                |
| 11             | Nitrit                      | 0.06      | mg/L     | 0.003            | 0.004            | 0.01             | 0.02             | 0.02             | 0.03             | 0.01             | 0.01             |
| 12             | Fluorida                    | 1.5       | mg/L     | 0.3              | 0.1              | 0.2              | 0.3              | 0.4              | 0.2              | 0.2              | 0.0001           |
| 13             | Sulfat                      | (-)       | mg/L     | 38               | 24               | 28               | 33               | 34               | 33               | 38               | 41               |
| 14             | Sulfida (H <sub>2</sub> S)  | 0.002     | mg/L     | 0.001            | 0.044            | 0.07             | 0.031            | 0.001            | 0.001            | 0.001            | 0.001            |
| 15             | Amoniak                     | (-)       | mg/L     | 0.01             | 0.01             | 0.25             | 0.01             | 0.01             | 0.29             | 0.1              | 0.13             |
| 16             | Permanganat                 | (-)       | mg/L     | 1.3              | 5.4              | 4.7              | 6                | 6.3              | 6.6              | 7                | 10.7             |
| 17             | Deterjen                    | 200       | mg/L     | 66               | 67               | 68               | 134              | 71               | 77               | 147              | 85               |

| No | Parameter                 | Bak u Mut u | Satua n    | Lokasi Sampling |        |        |        |         |        |        |        |
|----|---------------------------|-------------|------------|-----------------|--------|--------|--------|---------|--------|--------|--------|
|    |                           |             |            | 1               | 2      | 3      | 4      | 5       | 6      | 7      | 8      |
| 18 | Fenol                     | 1           | mg/L       | 0.1             | 316    | 66     | 61     | 217     | 27     | 381    | 61     |
| 19 | Fosfat (PO <sub>4</sub> ) | 0.2         | mg/L       | 0.3             | 0.4    | 0.4    | 0.4    | 0.5     | 0.5    | 0.6    | 0.6    |
| 20 | Sianida (CN)              | 0.02        | mg/L       | 0.009           | 0.01   | 0.006  | 0.005  | 0.006   | 0.006  | 0.006  | 0.005  |
| 21 | Minyak & lemak            | 1000        | µg/L       | 0               | 50     | 2000   | 2500   | 1000    | 1000   | 500    | 500    |
| 22 | Besi                      | (-)         | mg/L       | 0.09            | 0.05   | 0.05   | 0.08   | 0.07    | 0.11   | 0.1    | 0.21   |
| 23 | Mangan                    | (-)         | mg/L       | 0.07            | 0.05   | 0.05   | 0.06   | 0.05    | 0.0001 | 0.01   | 0.08   |
| 24 | Kadmium (Cd)              | 0.01        | mg/L       | 0.01            | 0.02   | 0.01   | 0.03   | 0.03    | 0.01   | 0.01   | 0.02   |
| 25 | Seng (Zn)                 | 0.05        | mg/L       | 0.01            | 0.01   | 0.01   | 0.01   | 0.01    | 0.02   | 0.001  | 0.01   |
| 26 | Krom heksavalen           | 0.05        | mg/L       | 0.0001          | 0.0001 | 0.0001 | 0.0001 | 0.0001  | 0.0001 | 0.0001 | 0.0001 |
| 27 | Tembaga (Cu)              | 0.02        | mg/L       | 0.001           | 0.001  | 0.001  | 0.001  | 0.01    | 0.06   | 0.08   | 0.05   |
| 28 | Salinitas                 | (-)         | ‰          | 0.1             | 0.1    | 0.1    | 0.2    | 0.2     | 0.2    | 0.2    | 0.2    |
| 29 | Warna                     | 100         | mg/L       | 2.7             | 4.7    | 4.1    | 5.5    | 5.1     | 4.9    | 5.2    | 10.9   |
| 30 | Boron                     | 1           | mg/L       | 0.04            | 0.02   | 0.1    | 0.04   | 0.1     | 0.1    | 0.1    | 0.1    |
| 31 | Timbal (Pb)               | 0.03        | mg/L       | 0.001           | 0.001  | 0.001  | 0.02   | 0.14    | 0.12   | 0.13   | 0.09   |
| 32 | Bakteri Koli Total        | 1000        | JPT/100 mL | 43000           | 15000  | 43000  | 150000 | 150000  | 9000   | 15000  | 9000   |
| 33 | Bakteri Koli Total        | 5000        | JPT/100 mL | 75000           | 15000  | 43000  | 150000 | 1100000 | 9000   | 15000  | 900    |

**Lokasi : Sungai Winongo (Lanjutan)**  
**Tahun Data : 2013**

| No             | Parameter             | Bak u Mut u | Satuan   | Lokasi Sampling  |                  |                  |                  |                  |                  |                  |                  |
|----------------|-----------------------|-------------|----------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
|                |                       |             |          | 1                | 2                | 3                | 4                | 5                | 6                | 7                | 8                |
| (1)            | (2)                   | (3)         | (4)      | (5)              | (6)              | (7)              | (8)              | (9)              | (10)             | (11)             | (12)             |
| Sungai Winongo | Nama Lokasi           |             |          | Turi             | Denggun g        | Kricak           | Jlagran          | Tamansa ri       | Dongkela n       | Bakula n         | Krete k          |
|                | Koordinat             |             |          | S: 07 38' 47.6"  | S: 07 40' 40.2"  | S: 07 46' 37.0"  | S: 07 47' 23.2"  | S: 07 48' 30.1"  | S: 07 50' 25.2"  | S: 07 54' 45.9"  | S: 07 58' 43.4"  |
|                |                       |             |          | E: 110 22' 59.9" | E: 110 22' 34.7" | E: 110 21' 26.6" | E: 110 21' 26.6" | E: 110 21' 13.4" | E: 110 20' 25.2" | E: 110 20' 49.3" | E: 110 18' 48.3" |
|                | Waktu Pemantauan      |             |          | Sep 2013         | Sep 2013         | Sep 2013         | Sep 2013         | Sep 2013         | Sep 2013         | Sep 2013         | Sep 2013         |
| 1              | Suhu                  | ± 3°C       | °C       | 23.6             | 26.6             | 28.1             | 28.5             | 27.6             | 28.3             | 30.1             | 27.4             |
| 2              | pH                    | 6-8,5       | -        | 7.8              | 7.7              | 7.6              | 7.9              | 6.2              | 6.4              | 6.2              | 6.3              |
| 3              | Daya Hantar Listrik   | (-)         | mmhos/cm | 235              | 293              | 377              | 399              | 512              | 511              | 566              | 656              |
| 4              | Residu Terlarut       | 1000        | mg/L     | 117              | 147              | 188              | 200              | 243              | 244              | 270              | 314              |
| 5              | Residu Tersuspensi    | 50          | mg/L     | 38               | 21               | 17               | 18               | 10               | 14               | 14               | 16               |
| 6              | Oksigen terlarut (DO) | 5           | mg/L     | 8                | 7                | 6.8              | 8.2              | 4.4              | 8.8              | 4.8              | 4.4              |
| 7              | BOD <sub>5</sub>      | 3           | mg/L     | 9.7              | 13.6             | 17.4             | 32.8             | 34.7             | 17.4             | 22.7             | 27.01            |

| No  | Parameter                   | Bak u Mut u | Satuan     | Lokasi Sampling |         |        |         |         |         |        |        |
|-----|-----------------------------|-------------|------------|-----------------|---------|--------|---------|---------|---------|--------|--------|
|     |                             |             |            | 1               | 2       | 3      | 4       | 5       | 6       | 7      | 8      |
| (1) | (2)                         | (3)         | (4)        | (5)             | (6)     | (7)    | (8)     | (9)     | (10)    | (11)   | (12)   |
| 8   | COD                         | 25          | mg/L       | 18.3            | 27.6    | 34.2   | 45      | 50.9    | 34.4    | 40.5   | 53.6   |
| 9   | Klorin bebas                | 0.03        | mg/L       | 0.01            | 0.01    | 0.01   | 0.01    | 0.26    | 0.17    | 0.01   | 0.01   |
| 10  | Nitrat (NO <sub>3</sub> -N) | 10          | mg/L       | 0.3             | 0.4     | 1.9    | 2.1     | 2.6     | 1.8     | 0.7    | 0.5    |
| 11  | Nitrit                      | 0.06        | mg/L       | 0.001           | 0.0001  | 0.0001 | 0.0001  | 0.0001  | 0.0001  | 0.2    | 0.0007 |
| 12  | Fluorida                    | 1.5         | mg/L       | 0.3             | 0.4     | 0.5    | 0.4     | 0.3     | 0.3     | 0.0001 | 0.6    |
| 13  | Sulfat                      | (-)         | mg/L       | 23.1            | 27.4    | 26.8   | 31.1    | 35.2    | 44.03   | 33.7   | 31.5   |
| 14  | Sulfida (H <sub>2</sub> S)  | 0.002       | mg/L       | 0.001           | 0.001   | 0.001  | 0.001   | 0.001   | 0.001   | 0.001  | 0.001  |
| 15  | Amoniak                     | (-)         | mg/L       | 0.2             | 0.11    | 0.6    | 0.48    | 2.23    | 0.52    | 0.55   | 0.49   |
| 16  | Permanganat                 | (-)         | mg/L       | 0.1             | 0.4     | 1.9    | 2.5     | 7.8     | 3.4     | 1.6    | 4.3    |
| 17  | Deterjen                    | 200         | mg/L       | 34.7            | 49.4    | 0.04   | 70.1    | 64.8    | 80.8    | 42.1   | 86.4   |
| 18  | Fenol                       | 1           | mg/L       | 12.8            | 4.5     | 0.1    | 0.1     | 16.5    | 0.2     | 0.1    | 0.1    |
| 19  | Fosfat (PO <sub>4</sub> )   | 0.2         | mg/L       | 0.04            | 0.06    | 0.07   | 0.09    | 0.25    | 0.1     | 0.2    | 0.4    |
| 20  | Sianida (CN)                | 0.02        | mg/L       | 0.001           | 0.001   | 0.001  | 0.001   | 0.001   | 0.001   | 0.001  | 0.001  |
| 21  | Minyak & lemak              | 1000        | µg/L       | 0               | 500     | 1000   | 2000    | 1000    | 1000    | 500    | 500    |
| 22  | Besi                        | (-)         | mg/L       | 0.8             | 0.6     | 0.4    | 0.02    | 0.16    | 1.3     | 0.71   | 0.05   |
| 23  | Mangan                      | (-)         | mg/L       | 0.002           | 0.001   | 0.001  | 0.002   | 0.02    | 0.07    | 0.02   | 0.02   |
| 24  | Kadmium (Cd)                | 0.01        | mg/L       | 0.001           | 0.001   | 0.01   | 0.001   | 0.001   | 0.001   | 0.001  | 0.001  |
| 25  | Seng (Zn)                   | 0.05        | mg/L       | 0.001           | 0.01    | 0.02   | 0.02    | 0.02    | 0.02    | 0.03   | 0.03   |
| 26  | Krom heksavalen             | 0.05        | mg/L       | 0.08            | 0.08    | 0.04   | 0.06    | 0.03    | 0.03    | 0.05   | 0.04   |
| 27  | Tembaga (Cu)                | 0.02        | mg/L       | 0.003           | 0.01    | 0.05   | 0.04    | 0.04    | 0.04    | 0.03   | 0.04   |
| 28  | Salinitas                   | (-)         | ‰          | 0.1             | 0.2     | 0.2    | 0.2     | 0.2     | 0.2     | 0.3    | 0.3    |
| 29  | Warna                       | 100         | mg/L       | 2.04            | 2.1     | 2.5    | 2.9     | 5.3     | 2.8     | 1.9    | 6.8    |
| 30  | Boron                       | 1           | mg/L       | 0.13            | 0.02    | 0.03   | 0.2     | 0.1     | 0.2     | 0.04   | 0.1    |
| 31  | Timbal (Pb)                 | 0.03        | mg/L       | 0.06            | 0.01    | 0.001  | 0.01    | 0.05    | 0.07    | 0.07   | 0.09   |
| 32  | Bakteri Koli Tinja          | 1000        | JPT/100 mL | 15000           | 28000   | 21000  | 7000    | 1100    | 1100    | 7000   | 1500   |
| 33  | Bakteri Total Koli          | 5000        | JPT/100 mL | 15000           | 2400000 | 240000 | 1100000 | 2400000 | 2400000 | 20000  | 43000  |

Lokasi : Sungai Code  
Tahun Data : 2013

| No          | Parameter   | Bak u Mut u | Satuan | Lokasi Sampling  |                  |                  |                  |                   |                   |                   |                   |
|-------------|-------------|-------------|--------|------------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|-------------------|
|             |             |             |        | 1                | 2                | 3                | 4                | 5                 | 6                 | 7                 | 8                 |
| (1)         | (2)         | (3)         | (4)    | (5)              | (6)              | (7)              | (8)              | (9)               | (10)              | (11)              | (12)              |
| Sungai Code | Nama Lokasi |             |        | Boyong           | Ngentak          | Gondolayu        | Sayidan          | Keparakan         | Tungka            | Ngoto             | Wonokromo         |
|             | Koordinat   |             |        | S: 07 37' 26.9"  | S: 07 43' 21.5"  | S: 07 47' 21.6"  | S: 07 48' 05.4"  | S: 07 48' 21.96"  | S: 07 48' 56.25"  | S: 07 51' 05.74"  | S: 07 52' 21.68"  |
|             | Koordinat   |             |        | E: 110 24' 52.1" | E: 110 23' 22.0" | E: 110 22' 08.3" | E: 110 22' 16.8" | E: 110 22' 27.31" | E: 110 22' 28.49" | E: 110 22' 30.84" | E: 110 22' 59.91" |

| No  | Parameter                   | Baku Mutu | Satuan     | Lokasi Sampling |          |          |          |          |          |          |          |
|-----|-----------------------------|-----------|------------|-----------------|----------|----------|----------|----------|----------|----------|----------|
|     |                             |           |            | 1               | 2        | 3        | 4        | 5        | 6        | 7        | 8        |
| (1) | (2)                         | (3)       | (4)        | (5)             | (6)      | (7)      | (8)      | (9)      | (10)     | (11)     | (12)     |
|     | Waktu Pemantauan            |           |            | Feb 2013        | Feb 2013 | Feb 2013 | Feb 2013 | Feb 2013 | Feb 2013 | Feb 2013 | Feb 2013 |
| 1   | Suhu                        | ± 3°C     | °C         | 27              | 28.7     | 28.1     | 29.2     | 29.5     | 29.1     | 29.5     | 29.2     |
| 2   | pH                          | 6-8,5     | -          | 7.1             | 7.7      | 7.7      | 6.6      | 6.6      | 6.8      | 7.1      | 7.2      |
| 3   | Daya Hantar Listrik         | (-)       | mmhos/cm   | 196             | 259      | 320      | 280      | 288      | 302      | 308      | 318      |
| 4   | Residu Terlarut             | 1000      | mg/L       | 98              | 130      | 161      | 131      | 135      | 144      | 145      | 150      |
| 5   | Residu Tersuspensi          | 50        | mg/L       | 22              | 20       | 10       | 23       | 25       | 26       | 23       | 23       |
| 6   | Oksigen terlarut (DO)       | 5         | mg/L       | 5.7             | 7.2      | 6.8      | 6.6      | 7.2      | 6.2      | 7.1      | 7        |
| 7   | BOD <sub>5</sub>            | 3         | mg/L       | 8.1             | 2.2      | 6.1      | 2        | 5.1      | 8.1      | 7.1      | 8.1      |
| 8   | COD                         | 25        | mg/L       | 19.1            | 5.8      | 15.9     | 5.3      | 14.4     | 14.4     | 13.5     | 23.9     |
| 9   | Klorin bebas                | 0.03      | mg/L       | 0.2             | 0.21     | 0.18     | 0.23     | 0.16     | 0.16     | 0.93     | 0.13     |
| 10  | Nitrat (NO <sub>3</sub> -N) | 10        | mg/L       | 0.4             | 0.6      | 1.3      | 2.5      | 1.5      | 0.9      | 0.2      | 20.9     |
| 11  | Nitrit                      | 0.06      | mg/L       | 0.03            | 0.02     | 0.02     | 0.02     | 0.09     | 0.03     | 0.04     | 0.09     |
| 12  | Fluorida                    | 1.5       | mg/L       | 0.2             | 0.3      | 0.001    | 0.001    | 0.1      | 0.03     | 0.1      | 0.09     |
| 13  | Sulfat                      | (-)       | mg/L       | 11              | 7        | 12       | 15       | 14       | 20       | 20       | 19       |
| 14  | Sulfida (H <sub>2</sub> S)  | 0.002     | mg/L       | 0.027           | 0.044    | 0.073    | 0.479    | 0.239    | 0.066    | 0.048    | 0.055    |
| 15  | Amoniak                     | (-)       | mg/L       | 0.04            | 0.02     | 0.04     | 0.09     | 1.3      | 0.09     | 0.04     | 0.28     |
| 16  | Permanganat                 | (-)       | mg/L       | 2.5             | 3.5      | 4.1      | 10.4     | 3.2      | 3.2      | 4.4      | 4.1      |
| 17  | Deterjen                    | 200       | mg/L       | 90              | 0.1      | 168      | 86       | 101      | 181      | 115      | 9        |
| 18  | Fenol                       | 1         | mg/L       | 0.1             | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 303      |
| 19  | Fosfat (PO <sub>4</sub> )   | 0.2       | mg/L       | 0.2             | 0.09     | 0.2      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      |
| 20  | Sianida (CN)                | 0.02      | mg/L       | 0.001           | 0.001    | 0.001    | 0.001    | 0.02     | 0.001    | 0.001    | 0.001    |
| 21  | Minyak & lemak              | 1000      | µg/L       | 500             | 1000     | 1000     | 2000     | 1500     | 1000     | 1000     | 1000     |
| 22  | Besi                        | (-)       | mg/L       | 0.9             | 0.6      | 0.4      | 0.4      | 0.5      | 0.6      | 0.6      | 0.5      |
| 23  | Mangan                      | (-)       | mg/L       | 0.1             | 0.05     | 0.08     | 0.35     | 0.4      | 0.01     | 0.38     | 0.2      |
| 24  | Kadmium (Cd)                | 0.01      | mg/L       | 0.01            | 0.01     | 0.02     | 0.04     | 0.03     | 0.04     | 0.06     | 0.05     |
| 25  | Seng (Zn)                   | 0.05      | mg/L       | 0.02            | 0.01     | 0.03     | 0.06     | 0.01     | 0.01     | 0.002    | 0.02     |
| 26  | Krom heksavalen             | 0.05      | mg/L       | 0.02            | 0.008    | 0.038    | 0.01     | 0.02     | 0.013    | 0.016    | 0.013    |
| 27  | Tembaga (Cu)                | 0.02      | mg/L       | 0.06            | 0.07     | 0.06     | 0.06     | 0.08     | 0.01     | 0.02     | 0.01     |
| 28  | Salinitas                   | (-)       | ‰          | 0.1             | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      |
| 29  | Warna                       | 100       | mg/L       | 23.5            | 10.6     | 14.2     | 14.5     | 12.3     | 12       | 11.8     | 14.3     |
| 30  | Boron                       | 1         | mg/L       | 0.05            | 0.0001   | 0.0001   | 0.009    | 0.05     | 0.09     | 0.09     | 0.08     |
| 31  | Timbal (Pb)                 | 0.03      | mg/L       | 0.005           | 0.05     | 0.01     | 0.01     | 0.04     | 0.01     | 0.1      | 0.12     |
| 32  | Bakteri Koli Tinja          | 1000      | JPT/100 mL | 39000           | 93000    | 210000   | 240000   | 210000   | 110000   | 93000    | 210000   |
| 33  | Bakteri Total Koli          | 5000      | JPT/100 mL | 39000           | 240000   | 210000   | 240000   | 1100000  | 110000   | 24000    | 1100000  |

Lokasi : Sungai Code (lanjutan)

Tahun Data : 2013

| No  | Parameter | Baku Mutu | Satuan | Lokasi Sampling |     |     |     |     |      |      |      |
|-----|-----------|-----------|--------|-----------------|-----|-----|-----|-----|------|------|------|
|     |           |           |        | 1               | 2   | 3   | 4   | 5   | 6    | 7    | 8    |
| (1) | (2)       | (3)       | (4)    | (5)             | (6) | (7) | (8) | (9) | (10) | (11) | (12) |

| No          | Parameter                   | Baku Mutu | Satuan     | Lokasi Sampling        |                        |                        |                        |                         |                         |                         |                         |
|-------------|-----------------------------|-----------|------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
|             |                             |           |            | 1                      | 2                      | 3                      | 4                      | 5                       | 6                       | 7                       | 8                       |
| (1)         | (2)                         | (3)       | (4)        | (5)                    | (6)                    | (7)                    | (8)                    | (9)                     | (10)                    | (11)                    | (12)                    |
| Sungai Code | Nama Lokasi                 |           |            | Boyong                 | Ngentak                | Gondolayu              | Sayidan                | Keparakan               | Tungka                  | Ngoto                   | Wonokromo               |
|             | Koordinat                   |           |            | S: 07<br>37'<br>26.9"  | S: 07<br>43'<br>21.5"  | S: 07<br>47'<br>21.6"  | S: 07<br>48'<br>05.4"  | S: 07<br>48'<br>21.96"  | S: 07<br>48'<br>56.25"  | S: 07<br>51'<br>05.74"  | S: 07<br>52'<br>21.68"  |
|             |                             |           |            | E: 110<br>24'<br>52.1" | E: 110<br>23'<br>22.0" | E: 110<br>22'<br>08.3" | E: 110<br>22'<br>16.8" | E: 110<br>22'<br>27.31" | E: 110<br>22'<br>28.49" | E: 110<br>22'<br>30.84" | E: 110<br>22'<br>59.91" |
|             | Waktu Pemantauan            |           |            | Mei 2013               | Mei 2013               | Mei 2013               | Mei 2013               | Mei 2013                | Mei 2013                | Mei 2013                | Mei 2013                |
| 1           | Suhu                        | ± 3°C     | °C         | 25.6                   | 28.5                   | 27.6                   | 27.6                   | 27.7                    | 28.5                    | 28.9                    | 28.8                    |
| 2           | pH                          | 6-8,5     | -          | 7.4                    | 6.9                    | 7.1                    | 7.6                    | 7.2                     | 7.1                     | 7.2                     | 7.3                     |
| 3           | Daya Hantar Listrik         | (-)       | mmhos/cm   | 241                    | 290                    | 278                    | 273                    | 282                     | 193                     | 297                     | 314                     |
| 4           | Residu Terlarut             | 1000      | mg/L       | 121                    | 145                    | 139                    | 129                    | 133                     | 139                     | 140                     | 146                     |
| 5           | Residu Tersuspensi          | 50        | mg/L       | 48                     | 14                     | 10                     | 15                     | 26                      | 17                      | 16                      | 31                      |
| 6           | Oksigen terlarut (DO)       | 5         | mg/L       | 6                      | 7.4                    | 6.6                    | 5.9                    | 4.3                     | 6.8                     | 5.7                     | 7.4                     |
| 7           | BOD <sub>5</sub>            | 3         | mg/L       | 5.3                    | 6.2                    | 4.3                    | 7.2                    | 4.3                     | 4.2                     | 8.2                     | 6.2                     |
| 8           | COD                         | 25        | mg/L       | 14.1                   | 15.3                   | 6.3                    | 16.6                   | 13.9                    | 12.3                    | 19.4                    | 16.8                    |
| 9           | Klorin bebas                | 0.03      | mg/L       | 0.17                   | 0.2                    | 0.01                   | 0.01                   | 0.14                    | 0.18                    | 0.01                    | 0.01                    |
| 10          | Nitrat (NO <sub>3</sub> -N) | 10        | mg/L       | 0.6                    | 0.6                    | 0.9                    | 1.5                    | 1.2                     | 0.0001                  | 0.5                     | 0.7                     |
| 11          | Nitrit                      | 0.06      | mg/L       | 0.1                    | 0.01                   | 0.04                   | 0.01                   | 0.01                    | 0.01                    | 0.01                    | 0.004                   |
| 12          | Fluorida                    | 1.5       | mg/L       | 0.7                    | 0.6                    | 0.0001                 | 0.1                    | 0.7                     | 0.3                     | 0.3                     | 0.5                     |
| 13          | Sulfat                      | (-)       | mg/L       | 44                     | 27                     | 66                     | 29                     | 29                      | 32                      | 30                      | 35                      |
| 14          | Sulfida (H <sub>2</sub> S)  | 0.002     | mg/L       | 0.007                  | 0.081                  | 0.215                  | 0.043                  | 0.425                   | 0.251                   | 0.04                    | 0.042                   |
| 15          | Amoniak                     | (-)       | mg/L       | 0.01                   | 0.01                   | 0.01                   | 0.1                    | 0.01                    | 0.01                    | 0.04                    | 0.03                    |
| 16          | Pemanganat                  | (-)       | mg/L       | 1.9                    | 4.1                    | 14.2                   | 8.8                    | 10.4                    | 9.5                     | 13.9                    | 12.6                    |
| 17          | Deterjen                    | 200       | mg/L       | 77                     | 76                     | 125                    | 49                     | 57                      | 50                      | 43                      | 72                      |
| 18          | Fenol                       | 1         | mg/L       | 0.1                    | 0.1                    | 114                    | 43                     | 0.1                     | 0.1                     | 19                      | 0.1                     |
| 19          | Fosfat (PO <sub>4</sub> )   | 0.2       | mg/L       | 0.2                    | 0.3                    | 0.7                    | 0.4                    | 0.5                     | 0.4                     | 0.4                     | 0.4                     |
| 20          | Stanida (CN)                | 0.02      | mg/L       | 0.029                  | 0.017                  | 0.009                  | 0.011                  | 0.007                   | 0.009                   | 0.013                   | 0.01                    |
| 21          | Minyak & lemak              | 1000      | µg/L       | 0                      | 1000                   | 500                    | 500                    | 1000                    | 500                     | 1000                    | 0                       |
| 22          | Besi                        | (-)       | mg/L       | 0.17                   | 0.29                   | 0.23                   | 0.21                   | 0.23                    | 0.23                    | 0.15                    | 0.2                     |
| 23          | Mangan                      | (-)       | mg/L       | 0.08                   | 0.08                   | 0.08                   | 0.08                   | 0.09                    | 0.08                    | 0.08                    | 0.08                    |
| 24          | Kadmium (Cd)                | 0.01      | mg/L       | 0.02                   | 0.01                   | 0.04                   | 0.03                   | 0.02                    | 0.02                    | 0.02                    | 0.01                    |
| 25          | Seng (Zn)                   | 0.05      | mg/L       | 0.002                  | 0.01                   | 0.02                   | 0.02                   | 0.03                    | 0.03                    | 0.01                    | 0.01                    |
| 26          | Krom heksavalen             | 0.05      | mg/L       | 0.0002                 | 0.0001                 | 0.013                  | 0.001                  | 0.0001                  | 0.0001                  | 0.0001                  | 0.0001                  |
| 27          | Tembaga (Cu)                | 0.02      | mg/L       | 0.01                   | 0.03                   | 0.02                   | 0.01                   | 0.03                    | 0.04                    | 0.03                    | 0.04                    |
| 28          | Salinitas                   | (-)       | ‰          | 0.1                    | 0.1                    | 0.1                    | 0.1                    | 0.1                     | 0.1                     | 0.1                     | 0.1                     |
| 29          | Warna                       | 100       | mg/L       | 4.7                    | 19.8                   | 28.5                   | 29.1                   | 24.4                    | 24.7                    | 20.3                    | 21.6                    |
| 30          | Boron                       | 1         | mg/L       | 0.1                    | 0.1                    | 0.1                    | 0.1                    | 0.04                    | 0.1                     | 0.12                    | 0.05                    |
| 31          | Timbal (Pb)                 | 0.03      | mg/L       | 0.001                  | 0.001                  | 0.02                   | 0.001                  | 0.02                    | 0.001                   | 0.001                   | 0.03                    |
| 32          | Bakteri Koli Tinja          | 1000      | JPT/100 mL | 4000                   | 93000                  | 93000                  | 240000                 | 21000                   | 43000                   | 9000                    | 9000                    |
| 33          | Bakteri Total Koli          | 5000      | JPT/100 mL | 4000                   | 93000                  | 93000                  | 240000                 | 240000                  | 43000                   | 23000                   | 150000                  |

Lokasi : Sungai Code (lanjutan)  
Tahun Data : 2013

| No          | Parameter                   | Baku Mutu | Satuan   | Lokasi Sampling           |                        |                     |                           |                      |                        |                            |                            |
|-------------|-----------------------------|-----------|----------|---------------------------|------------------------|---------------------|---------------------------|----------------------|------------------------|----------------------------|----------------------------|
|             |                             |           |          | 1                         | 2                      | 3                   | 4                         | 5                    | 6                      | 7                          | 8                          |
| (1)         | (2)                         | (3)       | (4)      | (5)                       | (6)                    | (7)                 | (8)                       | (9)                  | (10)                   | (11)                       | (12)                       |
| Sungai Code | Nama Lokasi                 |           |          | Boyong                    | Ngentak                | Gondolayu           | Sayidan                   | Keparakan            | Tungkak                | Ngoto                      | Wonokromo                  |
|             | Koordinat                   |           |          | S: 07<br>37<br>26.9"      | S: 07<br>43' 21.5"     | S: 07<br>47' 21.6"  | S: 07<br>48'<br>05.4"     | S: 07<br>48' 21.96"  | S: 07<br>48'<br>56.25" | S:<br>07<br>51'<br>05.74"  | S: 07<br>52'<br>21.68"     |
|             |                             |           |          | E:<br>110<br>24'<br>52.1" | E:<br>110<br>23' 22.0" | E: 110<br>22' 08.3" | E:<br>110<br>22'<br>16.8" | E: 110<br>22' 27.31" | E:110<br>22'<br>28.49" | E<br>:110<br>22'<br>30.84" | E:<br>110<br>22'<br>59.91" |
|             | Waktu Pemantauan            |           |          | Sept<br>2013              | Sept<br>2013           | Sept<br>2013        | Sept<br>2013              | Sept<br>2013         | Sept<br>2013           | Sept<br>2013               | Sept<br>2013               |
| 1           | Suhu                        | ± 3°C     | °C       | 25.8                      | 29.4                   | 29.4                | 28                        | 28.3                 | 28.6                   | 28.5                       | 27.7                       |
| 2           | pH                          | 6-8,5     | -        | 7.2                       | 6.8                    | 6.3                 | 7.9                       | 7.7                  | 7.6                    | 7.7                        | 7.8                        |
| 3           | Daya Hantar Listrik         | (-)       | mmhos/cm | 273                       | 323                    | 391                 | 364                       | 368                  | 396                    | 401                        | 407                        |
| 4           | Residu Terlarut             | 1000      | mg/L     | 129                       | 153                    | 185                 | 182                       | 184                  | 198                    | 200                        | 204                        |
| 5           | Residu Tersuspensi          | 50        | mg/L     | 38                        | 12                     | 10                  | 12                        | 20                   | 18                     | 14                         | 36                         |
| 6           | Oksigen terlarut (DO)       | 5         | mg/L     | 7.6                       | 6.6                    | 6.8                 | 8.2                       | 7.8                  | 6.6                    | 7.6                        | 9                          |
| 7           | BOD <sub>5</sub>            | 3         | mg/L     | 7.6                       | 8.7                    | 9.6                 | 11.5                      | 12.4                 | 14.3                   | 13.2                       | 14.03                      |
| 8           | COD                         | 25        | mg/L     | 14.2                      | 16.6                   | 18.1                | 22.6                      | 23.7                 | 29.1                   | 27.6                       | 28.01                      |
| 9           | Klorin bebas                | 0.03      | mg/L     | 0.01                      | 0.01                   | 0.01                | 0.01                      | 0.01                 | 0.01                   | 0.01                       | 0.01                       |
| 10          | Nitrat (NO <sub>3</sub> -N) | 10        | mg/L     | 0.3                       | 0.0001                 | 0.7                 | 1.6                       | 2.1                  | 1.8                    | 1.7                        | 1.2                        |
| 11          | Nitrit                      | 0.06      | mg/L     | 0.008                     | 0.08                   | 0.1                 | 0.2                       | 0.3                  | 0.06                   | 0.0001                     | 0.002                      |
| 12          | Fluorida                    | 1.5       | mg/L     | 0.0001                    | 0.001                  | 0.2                 | 0.3                       | 0.1                  | 0.0001                 | 0.2                        | 0.06                       |
| 13          | Sulfat                      | (-)       | mg/L     | 43.1                      | 42.7                   | 27.8                | 29.9                      | 30.2                 | 32.8                   | 35.02                      | 35.3                       |
| 14          | Sulfida (H <sub>2</sub> S)  | 0.002     | mg/L     | 0.001                     | 0.037                  | 0.001               | 0.067                     | 0.134                | 0.049                  | 0.028                      | 0.015                      |
| 15          | Amoniak                     | (-)       | mg/L     | 0.15                      | 0.16                   | 0.2                 | 0.08                      | 0.19                 | 0.5                    | 0.12                       | 0.07                       |
| 16          | Pemanganat                  | (-)       | mg/L     | 1.8                       | 2.8                    | 4.01                | 5.6                       | 4.01                 | 4.6                    | 3.7                        | 1.5                        |
| 17          | Deterjen                    | 200       | mg/L     | 35.1                      | 6.8                    | 33.8                | 11.7                      | 57.5                 | 31.7                   | 30.1                       | 25                         |
| 18          | Fenol                       | 1         | mg/L     | 0.1                       | 0.1                    | 0.1                 | 0.1                       | 0.1                  | 1.2                    | 0.1                        | 0.1                        |
| 19          | Fosfat (PO <sub>4</sub> )   | 0.2       | mg/L     | 0.1                       | 0.0001                 | 0.1                 | 0.1                       | 0.1                  | 0.1                    | 0.1                        | 0.1                        |
| 20          | Sianida (CN)                | 0.02      | mg/L     | 0.001                     | 0.005                  | 0.002               | 0.002                     | 0.002                | 0.003                  | 0.002                      | 0.004                      |
| 21          | Minyak & lemak              | 1000      | µg/L     | 0                         | 1000                   | 1000                | 1000                      | 1000                 | 1000                   | 1000                       | 1000                       |
| 22          | Besi                        | (-)       | mg/L     | 0.24                      | 0.14                   | 0.18                | 0.16                      | 0.14                 | 0.16                   | 0.18                       | 0.2                        |
| 23          | Mangan                      | (-)       | mg/L     | 0.04                      | 0.04                   | 0.04                | 0.04                      | 0.04                 | 0.04                   | 0.05                       | 0.04                       |
| 24          | Kadmium (Cd)                | 0.01      | mg/L     | 0.001                     | 0.001                  | 0.001               | 0.001                     | 0.001                | 0.001                  | 0.001                      | 0.001                      |
| 25          | Seng (Zn)                   | 0.05      | mg/L     | 0.03                      | 0.02                   | 0.02                | 0.02                      | 0.01                 | 0.02                   | 0.02                       | 0.02                       |
| 26          | Krom heksavalen             | 0.05      | mg/L     | 0.05                      | 0.03                   | 0.03                | 0.03                      | 0.03                 | 0.02                   | 0.02                       | 0.03                       |
| 27          | Tembaga (Cu)                | 0.02      | mg/L     | 0.03                      | 0.03                   | 0.03                | 0.04                      | 0.03                 | 0.04                   | 0.09                       | 0.03                       |
| 28          | Salinitas                   | (-)       | ‰        | 0.1                       | 0.2                    | 0.2                 | 0.2                       | 0.2                  | 0.2                    | 0.2                        | 0.2                        |
| 29          | Warna                       | 100       | mg/L     | 8.4                       | 2.6                    | 2.1                 | 2.6                       | 2.6                  | 2.8                    | 2.4                        | 2.1                        |
| 30          | Boron                       | 1         | mg/L     | 0.6                       | 0.1                    | 0.2                 | 0.1                       | 0.1                  | 0.2                    | 0.4                        | 0.3                        |

| No  | Parameter             | Baku Mutu | Satuan         | Lokasi Sampling |        |       |        |        |       |        |        |
|-----|-----------------------|-----------|----------------|-----------------|--------|-------|--------|--------|-------|--------|--------|
|     |                       |           |                | 1               | 2      | 3     | 4      | 5      | 6     | 7      | 8      |
| (1) | (2)                   | (3)       | (4)            | (5)             | (6)    | (7)   | (8)    | (9)    | (10)  | (11)   | (12)   |
| 31  | Timbal (Pb)           | 0.03      | mg/L           | 0.27            | 0.29   | 0.34  | 0.27   | 0.3    | 0.36  | 0.36   | 0.4    |
| 32  | Bakteri Koli<br>Tinja | 1000      | JPT/10<br>0 mL | 4000            | 93000  | 43000 | 93000  | 24000  | 43000 | 93000  | 240000 |
| 33  | Bakteri Total<br>Koli | 5000      | JPT/10<br>0 mL | 9000            | 240000 | 93000 | 240000 | 460000 | 93000 | 240000 | 460000 |

Lokasi : Sungai Gajahwong  
Tahun Data : 2013

| No               | Parameter                   | Baku Mutu | Satuan   | Lokasi Sampling     |                     |                     |                     |                     |                     |                     |                     |
|------------------|-----------------------------|-----------|----------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
|                  |                             |           |          | 1                   | 2                   | 3                   | 4                   | 5                   | 6                   | 7                   | 8                   |
| (1)              | (2)                         | (3)       | (4)      | (5)                 | (6)                 | (7)                 | (8)                 | (9)                 | (10)                | (11)                | (12)                |
| Sungai Gajahwong | Nama Lokasi                 |           |          | Tanen               | Pelang              | IAIN                | Muja-Muju           | Peleman             | Tegalgedu           | Grojogan            | Kanggotan           |
|                  | Koordinat                   |           |          | S: 07<br>37' 46.9"  | S: 07<br>45' 45.7"  | S: 07<br>46' 59.1"  | S: 07<br>48' 28.4"  | S: 07<br>48' 49.8"  | S: 07<br>49' 36.0"  | S: 07<br>50' 37.4"  | S: 07<br>52' 08.3"  |
|                  |                             |           |          | E: 110<br>25' 17.4" | E: 110<br>23' 39.0" | E: 110<br>23' 47.6" | E: 110<br>23' 52.1" | E: 110<br>23' 35.7" | E: 110<br>23' 36.0" | E: 110<br>23' 42.6" | E: 110<br>23' 42.0" |
|                  | Waktu Pemantauan            |           |          | Feb 2013            | Feb 2013            | Feb 2013            | Feb 2013            | Feb 2013            | Feb 2013            | Feb 2013            | Feb 2013            |
| 1                | Suhu                        | ±<br>3°C  | °C       | 24.2                | 27.2                | 27.9                | 27.9                | 28.1                | 28.1                | 29                  | 28.9                |
| 2                | pH                          | 6-8,5     | -        | 6.7                 | 6.7                 | 7.1                 | 7.1                 | 7.4                 | 7.3                 | 7.7                 | 7.1                 |
| 3                | Daya Hantar Listrik         | (-)       | mmhos/cm | 192                 | 291                 | 322                 | 295                 | 308                 | 316                 | 320                 | 327                 |
| 4                | Residu Terlarut             | 1000      | mg/L     | 96                  | 145                 | 161                 | 140                 | 146                 | 152                 | 152                 | 154                 |
| 5                | Residu Tersuspensi          | 50        | mg/L     | 34                  | 20                  | 23                  | 12                  | 20                  | 30                  | 23                  | 29                  |
| 6                | Oksigen terlarut (DO)       | 5         | mg/L     | 7.1                 | 5.9                 | 6.5                 | 6.5                 | 7.1                 | 6.7                 | 7.1                 | 7.5                 |
| 7                | BOD <sub>5</sub>            | 3         | mg/L     | 4.4                 | 5.4                 | 6.4                 | 2.5                 | 5.4                 | 9.3                 | 14.3                | 5.4                 |
| 8                | COD                         | 25        | mg/L     | 11.4                | 13.6                | 15.5                | 5.5                 | 16.5                | 17.3                | 25.9                | 12.1                |
| 9                | Klorin bebas                | 0.03      | mg/L     | 0.01                | 0.23                | 0.24                | 0.54                | 0.37                | 0.19                | 0.31                | 0.48                |
| 10               | Nitrat (NO <sub>3</sub> -N) | 10        | mg/L     | 0.4                 | 0.9                 | 1.9                 | 3.1                 | 3                   | 3.7                 | 2.2                 | 2.8                 |
| 11               | Nitrit                      | 0.06      | mg/L     | 0.05                | 0.02                | 0.02                | 0.02                | 0.02                | 0.03                | 0.02                | 0.02                |
| 12               | Fluorida                    | 1.5       | mg/L     | 0.001               | 0.2                 | 0.04                | 0.6                 | 0.6                 | 0.2                 | 0.4                 | 0.4                 |
| 13               | Sulfat                      | (-)       | mg/L     | 11                  | 8                   | 11                  | 12                  | 12                  | 14                  | 13                  | 18                  |
| 14               | Sulfida (H <sub>2</sub> S)  | 0.002     | mg/L     | 0.116               | 0.029               | 0.077               | 0.059               | 0.056               | 0.044               | 0.03                | 0.041               |
| 15               | Amoniak                     | (-)       | mg/L     | 0.1                 | 0.04                | 0.06                | 0.08                | 0.06                | 0.09                | 0.1                 | 0.1                 |
| 16               | Permanganat                 | (-)       | mg/L     | 7.1                 | 4.9                 | 2.5                 | 10.8                | 5.6                 | 5.6                 | 4                   | 7.7                 |
| 17               | Deterjen                    | 200       | mg/L     | 41                  | 83                  | 14                  | 0.1                 | 0.1                 | 0.1                 | 0.1                 | 0.1                 |
| 18               | Fenol                       | 1         | mg/L     | 0.1                 | 0.1                 | 0.1                 | 0.1                 | 0.1                 | 92                  | 8.1                 | 0.1                 |
| 19               | Fosfat (PO <sub>4</sub> )   | 0.2       | mg/L     | 0.1                 | 0.08                | 0.1                 | 0.1                 | 0.1                 | 0.1                 | 0.1                 | 0.1                 |
| 20               | Sianida (CN)                | 0.02      | mg/L     | 0.001               | 0.001               | 0.001               | 0.001               | 0.001               | 0.001               | 0.001               | 0.001               |

| No | Parameter          | Baku Mutu | Satuan     | Lokasi Sampling |         |         |         |         |         |         |        |
|----|--------------------|-----------|------------|-----------------|---------|---------|---------|---------|---------|---------|--------|
|    |                    |           |            | 1               | 2       | 3       | 4       | 5       | 6       | 7       | 8      |
| 21 | Minyak & lemak     | 1000      | µg/L       | 1000            | 1000    | 1500    | 500     | 1000    | 500     | 1000    | 500    |
| 22 | Besi               | (-)       | mg/L       | 0.12            | 0.07    | 0.03    | 0.07    | 0.2     | 0.2     | 0.1     | 0.09   |
| 23 | Mangan             | (-)       | mg/L       | 0.2             | 0.3     | 0.03    | 0.05    | 0.09    | 0.1     | 0.1     | 0.2    |
| 24 | Kadmium (Cd)       | 0.01      | mg/L       | 0.001           | 0.01    | 0.001   | 0.02    | 0.01    | 0.02    | 0.04    | 0.05   |
| 25 | Seng (Zn)          | 0.05      | mg/L       | 0.001           | 0.04    | 0.01    | 0.03    | 0.03    | 0.06    | 0.02    | 0.03   |
| 26 | Krom heksavalen    | 0.05      | mg/L       | 0.008           | 0.006   | 0.007   | 0.006   | 0.007   | 0.006   | 0.005   | 0.006  |
| 27 | Tembaga (Cu)       | 0.02      | mg/L       | 0.03            | 0.01    | 0.02    | 0.02    | 0.04    | 0.04    | 0.02    | 0.03   |
| 28 | Salinitas          | (-)       | ‰          | 0.1             | 0.1     | 0.1     | 0.1     | 0.1     | 0.1     | 0.1     | 0.2    |
| 29 | Warna              | 100       | mg/L       | 12.4            | 4.6     | 4.7     | 5.7     | 6.1     | 6.7     | 6.4     | 6.6    |
| 30 | Boron              | 1         | mg/L       | 0.0001          | 0.0001  | 0.0001  | 0.0001  | 0.0001  | 0.0001  | 0.0001  | 0.0001 |
| 31 | Timbal (Pb)        | 0.03      | mg/L       | 0.1             | 0.1     | 0.2     | 0.3     | 0.1     | 0.1     | 0.09    | 0.12   |
| 32 | Bakteri Koli Tinja | 1000      | JPT/100 mL | 1100000         | 1100000 | 460000  | 1100000 | 2400000 | 1100000 | 460000  | 39000  |
| 33 | Bakteri Total Koli | 5000      | JPT/100 mL | 2400000         | 2400000 | 1100000 | 2400000 | 2400000 | 2400000 | 1100000 | 460000 |

**Lokasi : Sungai Gajahwong (lanjutan)**  
**Tahun Data : 2013**

| No               | Parameter                   | Baku Mutu | Satuan   | Lokasi Sampling   |                   |                   |                   |                   |                   |                   |                   |
|------------------|-----------------------------|-----------|----------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
|                  |                             |           |          | 1                 | 2                 | 3                 | 4                 | 5                 | 6                 | 7                 | 8                 |
| (1)              | (2)                         | (3)       | (4)      | (5)               | (6)               | (7)               | (8)               | (9)               | (10)              | (11)              | (12)              |
| Sungai Gajahwong | Nama Lokasi                 |           |          | Tanen             | Pelang            | IAIN              | Muja-Muju         | Peleman           | Tegalendu         | Grojogan          | Kanggatan         |
|                  | Koordinat                   |           |          | S: 07° 37' 46.9"  | S: 07° 45' 45.7"  | S: 07° 46' 59.1"  | S: 07° 48' 28.4"  | S: 07° 48' 49.8"  | S: 07° 49' 36.0"  | S: 07° 50' 37.4"  | S: 07° 52' 08.3"  |
|                  |                             |           |          | E: 110° 25' 17.4" | E: 110° 23' 39.0" | E: 110° 23' 47.6" | E: 110° 23' 52.1" | E: 110° 23' 35.7" | E: 110° 23' 36.0" | E: 110° 23' 42.6" | E: 110° 23' 42.0" |
|                  | Waktu Pemantauan            |           |          | Mei 2013          | Mei 2013          | Mei 2013          | Mei 2013          | Mei 2013          | Mei 2013          | Mei 2013          | Mei 2013          |
| 1                | Suhu                        | ± 3°C     | °C       | 24.5              | 28.1              | 28                | 27.9              | 28.1              | 28.2              | 28.2              | 28.3              |
| 2                | pH                          | 6-8,5     | -        | 6.6               | 6.8               | 7                 | 7.7               | 7                 | 7.1               | 7.2               | 7.5               |
| 3                | Daya Hantar Listrik         | (-)       | mmhos/cm | 193               | 299               | 339               | 433               | 443               | 458               | 469               | 466               |
| 4                | Residu Terlarut             | 1000      | mg/L     | 91                | 140               | 161               | 216               | 222               | 229               | 232               | 233               |
| 5                | Residu Tersuspensi          | 50        | mg/L     | 11                | 14                | 11                | 21                | 15                | 11                | 25                | 29                |
| 6                | Oksigen terlarut (DO)       | 5         | mg/L     | 7.2               | 7                 | 6.9               | 6.4               | 5.5               | 6.8               | 5.5               | 7                 |
| 7                | BOD <sub>5</sub>            | 3         | mg/L     | 11.7              | 7.8               | 3.9               | 5.9               | 6.8               | 10.8              | 8.8               | 7.8               |
| 8                | COD                         | 25        | mg/L     | 25.1              | 19.9              | 6.6               | 17.9              | 9.6               | 27                | 22                | 17.5              |
| 9                | Klorin bebas                | 0.03      | mg/L     | 0.01              | 0.01              | 0.01              | 0.03              | 0.13              | 0.08              | 0.04              | 0.01              |
| 10               | Nitrat (NO <sub>3</sub> -N) | 10        | mg/L     | 0.8               | 3                 | 3.5               | 3.7               | 3.1               | 2.8               | 3.5               | 2.3               |

| No  | Parameter                  | Baku Mutu | Satuan     | Lokasi Sampling |        |         |        |         |        |        |        |
|-----|----------------------------|-----------|------------|-----------------|--------|---------|--------|---------|--------|--------|--------|
|     |                            |           |            | 1               | 2      | 3       | 4      | 5       | 6      | 7      | 8      |
| (1) | (2)                        | (3)       | (4)        | (5)             | (6)    | (7)     | (8)    | (9)     | (10)   | (11)   | (12)   |
| 11  | Nitrit                     | 0.06      | mg/L       | 0.01            | 0.01   | 0.01    | 0.02   | 0.02    | 0.03   | 0.02   | 0.02   |
| 12  | Fluorida                   | 1.5       | mg/L       | 0.2             | 0.1    | 0.2     | 0.11   | 0.22    | 0.0001 | 0.35   | 0.2    |
| 13  | Sulfat                     | (-)       | mg/L       | 33              | 31     | 35      | 55     | 41      | 41     | 39     | 38     |
| 14  | Sulfida (H <sub>2</sub> S) | 0.002     | mg/L       | 0.013           | 0.037  | 0.013   | 0.056  | 0.001   | 0.001  | 0.001  | 0.001  |
| 15  | Amoniak                    | (-)       | mg/L       | 0.03            | 0.01   | 0.34    | 0.04   | 0.21    | 35     | 0.28   | 0.2    |
| 16  | Pemanganat                 | (-)       | mg/L       | 4.7             | 3.2    | 11.7    | 5.7    | 5.7     | 7      | 5.7    | 6.3    |
| 17  | Deterjen                   | 200       | mg/L       | 54              | 42     | 75      | 43     | 33      | 42     | 80     | 59     |
| 18  | Fenol                      | 1         | mg/L       | 0.1             | 0.1    | 0.1     | 0.1    | 10      | 0.1    | 0.1    | 0.1    |
| 19  | Fosfat (PO <sub>4</sub> )  | 0.2       | mg/L       | 0.2             | 0.5    | 0.6     | 0.6    | 0.6     | 0.7    | 0.7    | 0.8    |
| 20  | Sianida (CN)               | 0.02      | mg/L       | 0.001           | 0.001  | 0.001   | 0.009  | 0.008   | 0.011  | 0.087  | 0.024  |
| 21  | Minyak & lemak             | 1000      | µg/L       | 0               | 2000   | 1500    | 500    | 2000    | 500    | 0      | 0      |
| 22  | Besi                       | (-)       | mg/L       | 0.22            | 0.19   | 0.14    | 0.18   | 0.2     | 0.25   | 0.28   | 0.2    |
| 23  | Mangan                     | (-)       | mg/L       | 0.04            | 0.03   | 0.48    | 0.06   | 0.06    | 0.05   | 0.06   | 0.07   |
| 24  | Kadmium (Cd)               | 0.01      | mg/L       | 0.004           | 0.001  | 0.001   | 0.001  | 0.02    | 0.04   | 0.05   | 0.02   |
| 25  | Seng (Zn)                  | 0.05      | mg/L       | 0.04            | 0.04   | 0.03    | 0.02   | 0.01    | 0.02   | 0.63   | 0.03   |
| 26  | Krom heksavalen            | 0.05      | mg/L       | 0.0001          | 0.0001 | 0.0001  | 0.0001 | 0.0001  | 0.0001 | 0.0001 | 0.0001 |
| 27  | Tembaga (Cu)               | 0.02      | mg/L       | 0.04            | 0.04   | 0.03    | 0.02   | 0.02    | 0.07   | 0.01   | 0.01   |
| 28  | Salinitas                  | (-)       | ‰          | 0.1             | 0.1    | 0.2     | 0.2    | 0.2     | 0.2    | 0.2    | 0.2    |
| 29  | Warna                      | 100       | mg/L       | 8.1             | 6.5    | 7.5     | 8.5    | 8.1     | 8.6    | 9.4    | 9.2    |
| 30  | Boron                      | 1         | mg/L       | 0.1             | 0.2    | 0.1     | 0.27   | 0.2     | 0.2    | 0.1    | 0.1    |
| 31  | Timbal (Pb)                | 0.03      | mg/L       | 0.04            | 0.001  | 0.001   | 0.001  | 0.001   | 0.02   | 0.05   | 0.03   |
| 32  | Bakteri Koli Tinja         | 1000      | JPT/100 mL | 23000           | 28000  | 460000  | 460000 | 1100000 | 7000   | 28000  | 9000   |
| 33  | Bakteri Total Koli         | 5000      | JPT/100 mL | 23000           | 43000  | 1100000 | 460000 | 1100000 | 93000  | 46000  | 9000   |

**Lokasi : Sungai Gajahwong (lanjutan)**  
**Tahun Data : 2013**

| No               | Parameter        | Baku Mutu | Satuan | Lokasi Sampling |                 |                 |                 |                 |                 |                 |                 |
|------------------|------------------|-----------|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|                  |                  |           |        | 1               | 2               | 3               | 4               | 5               | 6               | 7               | 8               |
| (1)              | (2)              | (3)       | (4)    | (5)             | (6)             | (7)             | (8)             | (9)             | (10)            | (11)            | (12)            |
| Sungai Gajahwong | Nama Lokasi      |           |        | Tanen           | Pelang          | IAIN            | Muja-Muju       | Peleman         | Tegalgedu       | Grojogan        | Kanggotan       |
|                  | Koordinat        |           |        | S: 07 37' 46.9" | S: 07 45' 45.7" | S: 07 46' 59.1" | S: 07 48' 28.4" | S: 07 48' 49.8" | S: 07 49' 36.0" | S: 07 50' 37.4" | S: 07 52' 08.3" |
|                  | Waktu Pemantauan |           |        | Spt 2013        | Spt 2013        | Spt 2013        | Spt 2013        | Spt 2013        | Spt 2013        | Spt 2013        | Spt 2013        |
|                  | 1                | Suhu      | ± 3°C  | °C              | 22.5            | 26.3            | 27.7            | 27.2            | 27.5            | 27.7            | 27.8            |

| No | Parameter                   | Baku Mutu | Satuan     | Lokasi Sampling |         |        |       |         |         |        |        |
|----|-----------------------------|-----------|------------|-----------------|---------|--------|-------|---------|---------|--------|--------|
|    |                             |           |            | 1               | 2       | 3      | 4     | 5       | 6       | 7      | 8      |
| 2  | pH                          | 6-8,5     | -          | 6.6             | 6.4     | 6.5    | 7.4   | 7.4     | 7.5     | 7.5    | 7.5    |
| 3  | Daya Hantar Listrik         | (-)       | mmhos/cm   | 268             | 403     | 494    | 474   | 480     | 469     | 497    | 497    |
| 4  | Residu Terlarut             | 1000      | mg/L       | 127             | 192     | 235    | 237   | 240     | 234     | 248    | 248    |
| 5  | Residu Tersuspensi          | 50        | mg/L       | 8               | 11      | 10     | 19    | 14      | 10      | 21     | 21     |
| 6  | Oksigen terlarut (DO)       | 5         | mg/L       | 7.2             | 6.2     | 6.4    | 6.6   | 6.2     | 6.4     | 6.6    | 6.6    |
| 7  | BOD <sub>5</sub>            | 3         | mg/L       | 5.6             | 6.8     | 18.8   | 13.5  | 17.5    | 23.9    | 13.8   | 13.8   |
| 8  | COD                         | 25        | mg/L       | 10.9            | 12.6    | 38.9   | 36.6  | 36.3    | 45.6    | 25.6   | 25.6   |
| 9  | Klorin bebas                | 0.03      | mg/L       | 0.01            | 0.01    | 0.01   | 0.31  | 0.11    | 0.05    | 0.01   | 0.01   |
| 10 | Nitrat (NO <sub>3</sub> -N) | 10        | mg/L       | 0.01            | 1.6     | 1.1    | 2.8   | 1.3     | 1.9     | 1.9    | 1.9    |
| 11 | Nitrit                      | 0.06      | mg/L       | 0.0001          | 0.02    | 0.2    | 0.07  | 0.002   | 0.01    | 0.01   | 0.01   |
| 12 | Fluorida                    | 1.5       | mg/L       | 0.2             | 0.001   | 0.3    | 0.2   | 0.0001  | 0.001   | 0.0001 | 0.0001 |
| 13 | Sulfat                      | (-)       | mg/L       | 23.4            | 31.9    | 41.2   | 36.7  | 34.3    | 35.7    | 38.8   | 38.8   |
| 14 | Sulfida (H <sub>2</sub> S)  | 0.002     | mg/L       | 0.001           | 0.001   | 0.01   | 0.017 | 0.001   | 0.001   | 0.001  | 0.001  |
| 15 | Amoniak                     | (-)       | mg/L       | 0.43            | 0.6     | 0.59   | 0.38  | 0.49    | 0.18    | 0.71   | 0.71   |
| 16 | Permanganat                 | (-)       | mg/L       | 1.9             | 1.9     | 4.5    | 3.7   | 3.7     | 3.1     | 3.1    | 3.1    |
| 17 | Deterjen                    | 200       | mg/L       | 22.7            | 67.5    | 41.7   | 46.7  | 65.9    | 35.8    | 30.8   | 30.8   |
| 18 | Fenol                       | 1         | mg/L       | 0.1             | 0.1     | 0.1    | 0.2   | 0.1     | 0.1     | 0.1    | 0.1    |
| 19 | Fosfat (PO <sub>4</sub> )   | 0.2       | mg/L       | 0.03            | 0.09    | 0.2    | 0.1   | 0.1     | 0.1     | 0.1    | 0.1    |
| 20 | Sianida (CN)                | 0.02      | mg/L       | 0.001           | 0.003   | 0.001  | 0.002 | 0.001   | 0.001   | 0.001  | 0.001  |
| 21 | Minyak & lemak              | 1000      | µg/L       | 0               | 2000    | 1000   | 500   | 1000    | 1000    | 500    | 500    |
| 22 | Besi                        | (-)       | mg/L       | 0.13            | 0.09    | 0.13   | 0.08  | 0.02    | 0.09    | 0.06   | 0.06   |
| 23 | Mangan                      | (-)       | mg/L       | 0.02            | 0.03    | 0.02   | 0.03  | 0.02    | 0.03    | 0.02   | 0.02   |
| 24 | Kadmium (Cd)                | 0.01      | mg/L       | 0.004           | 0.001   | 0.001  | 0.001 | 0.001   | 0.002   | 0.01   | 0.01   |
| 25 | Seng (Zn)                   | 0.05      | mg/L       | 0.01            | 0.001   | 0.001  | 0.002 | 0.01    | 0.02    | 0.02   | 0.02   |
| 26 | Krom heksavalen             | 0.05      | mg/L       | 0.06            | 0.05    | 0.03   | 0.03  | 0.05    | 0.06    | 0.2    | 0.2    |
| 27 | Tembaga (Cu)                | 0.02      | mg/L       | 0.02            | 0.02    | 0.01   | 0.02  | 0.02    | 0.02    | 0.02   | 0.02   |
| 28 | Salinitas                   | (-)       | ‰          | 0.1             | 0.2     | 0.2    | 0.2   | 0.2     | 0.2     | 0.3    | 0.3    |
| 29 | Warna                       | 100       | mg/L       | 3.1             | 1.9     | 2.9    | 2.3   | 2.8     | 2.2     | 2.9    | 2.9    |
| 30 | Boron                       | 1         | mg/L       | 0.06            | 0.2     | 0.2    | 0.04  | 0.1     | 0.3     | 0.2    | 0.2    |
| 31 | Timbal (Pb)                 | 0.03      | mg/L       | 0.08            | 0.08    | 0.17   | 0.17  | 0.11    | 0.18    | 0.17   | 0.17   |
| 32 | Bakteri Koli Tinja          | 1000      | JPT/100 mL | 15000           | 28000   | 21000  | 11000 | 7000    | 1100    | 7000   | 7000   |
| 33 | Bakteri Total Koli          | 5000      | JPT/100 mL | 15000           | 2400000 | 240000 | 11000 | 2400000 | 2400000 | 20000  | 20000  |

Lokasi : Sungai Bedog  
Tahun Data : 2013

| No  | Parameter | Baku Mutu | Satuan | Lokasi Sampling |     |     |     |     |
|-----|-----------|-----------|--------|-----------------|-----|-----|-----|-----|
|     |           |           |        | 1               | 2   | 3   | 4   | 5   |
| (1) | (2)       | (3)       | (4)    | (5)             | (6) | (7) | (8) | (9) |

| No           | Parameter                   | Baku Mutu | Satuan     | Lokasi Sampling      |                      |          |                      |          |
|--------------|-----------------------------|-----------|------------|----------------------|----------------------|----------|----------------------|----------|
|              |                             |           |            | 1                    | 2                    | 3        | 4                    | 5        |
| Sungai Bedog | Nama Lokasi                 |           |            | Sempor               | Gamping              | Kasongan | Sindon               | Tempuran |
|              | Koordinat                   |           |            | S : 07<br>42' 23.1"  | S : 07<br>47' 54.9"  |          | S : 07<br>47' 21.6"  |          |
|              |                             |           |            | E : 110<br>21' 07.6" | E : 110<br>19' 38.3" |          | E : 110<br>22' 08.3" |          |
|              | Waktu Pemantauan            |           |            | Feb 2013             | Feb 2013             | Feb 2013 | Feb 2013             | Feb 2013 |
| 1            | Suhu                        | ± 3°C     | °C         | 27.1                 | 28.2                 | 28.7     | 28.1                 | 29       |
| 2            | pH                          | 6-8,5     | -          | 7.3                  | 7.4                  | 7.4      | 7.7                  | 7.5      |
| 3            | Daya Hantar Listrik         | (-)       | mmhos/cm   | 233                  | 255                  | 281      | 304                  | 305      |
| 4            | Residu Terlarut             | 1000      | mg/L       | 110                  | 120                  | 134      | 143                  | 145      |
| 5            | Residu Tersuspensi          | 50        | mg/L       | 14                   | 26                   | 28       | 27                   | 28       |
| 6            | Oksigen terlarut (DO)       | 5         | mg/L       | 6.2                  | 5.9                  | 2.3      | 6.4                  | 4.9      |
| 7            | BOD <sub>5</sub>            | 3         | mg/L       | 12                   | 19.9                 | 15.9     | 2.2                  | 9.8      |
| 8            | COD                         | 25        | mg/L       | 20.2                 | 23                   | 20.7     | 4                    | 22       |
| 9            | Klorin bebas                | 0.03      | mg/L       | 0.16                 | 0.19                 | 6.35     | 0.22                 | 0.35     |
| 10           | Nitrat (NO <sub>3</sub> -N) | 10        | mg/L       | 1.4                  | 0.8                  | 0.4      | 0.05                 | 0.8      |
| 11           | Nitrit                      | 0.06      | mg/L       | 0.01                 | 0.02                 | 0.02     | 0.02                 | 0.01     |
| 12           | Fluorida                    | 1.5       | mg/L       | 0.3                  | 0.001                | 0.03     | 0.3                  | 0.001    |
| 13           | Sulfat                      | (-)       | mg/L       | 18                   | 12                   | 10       | 14                   | 10       |
| 14           | Sulfida (H <sub>2</sub> S)  | 0.002     | mg/L       | 0.14                 | 0.031                | 0.032    | 0.032                | 0.025    |
| 15           | Amoniak                     | (-)       | mg/L       | 0.44                 | 0.5                  | 0.45     | 1.55                 | 0.02     |
| 16           | Permanganat                 | (-)       | mg/L       | 6.5                  | 4.9                  | 8.2      | 4.1                  | 30.7     |
| 17           | Deterjen                    | 200       | mg/L       | 420                  | 348                  | 8        | 162                  | 63       |
| 18           | Fenol                       | 1         | mg/L       | 0.1                  | 0.1                  | 0.1      | 0.1                  | 5.5      |
| 19           | Fosfat (PO <sub>4</sub> )   | 0.2       | mg/L       | 0.1                  | 0.08                 | 0.1      | 0.1                  | 0.1      |
| 20           | Sianida (CN)                | 0.02      | mg/L       | 0.001                | 0.001                | 0.001    | 0.001                | 0.001    |
| 21           | Minyak & lemak              | 1000      | µg/L       | 1000                 | 1000                 | 1000     | 500                  | 1000     |
| 22           | Besi                        | (-)       | mg/L       | 0.3                  | 0.3                  | 0.3      | 0.2                  | 0.6      |
| 23           | Mangan                      | (-)       | mg/L       | 0.09                 | 0.08                 | 0.3      | 0.2                  | 0.1      |
| 24           | Kadmium (Cd)                | 0.01      | mg/L       | 0.04                 | 0.03                 | 0.06     | 0.07                 | 0.1      |
| 25           | Seng (Zn)                   | 0.05      | mg/L       | 0.05                 | 0.07                 | 0.06     | 0.04                 | 0.07     |
| 26           | Krom heksavalen             | 0.05      | mg/L       | 0.013                | 0.006                | 0.007    | 0.007                | 0.01     |
| 27           | Tembaga (Cu)                | 0.02      | mg/L       | 0.02                 | 0.04                 | 0.04     | 0.04                 | 0.05     |
| 28           | Salinitas                   | (-)       | ‰          | 0.1                  | 0.1                  | 0.1      | 0.1                  | 0.1      |
| 29           | Warna                       | 100       | mg/L       | 2.4                  | 3.5                  | 5.5      | 7.1                  | 9.3      |
| 30           | Boron                       | 1         | mg/L       | 0.0001               | 0.0001               | 0.0001   | 0.0001               | 0.3      |
| 31           | Timbal (Pb)                 | 0.03      | mg/L       | 0.1                  | 0.03                 | 0.005    | 0.1                  | 0.1      |
| 32           | Bakteri Koli Tinja          | 1000      | JPT/100 mL | 150000               | 460000               | 1100000  | 2400000              | 7000     |
| 33           | Bakteri Total Koli          | 5000      | JPT/100 mL | 1100000              | 2400000              | 2400000  | 2400000              | 75000    |

Lokasi : Sungai Bedog(lanjutan)

Tahun Data : 2013

| No           | Parameter                   | Baku Mutu | Satuan   | Lokasi Sampling   |                   |          |                   |          |
|--------------|-----------------------------|-----------|----------|-------------------|-------------------|----------|-------------------|----------|
|              |                             |           |          | 1                 | 2                 | 3        | 4                 | 5        |
| (1)          | (2)                         | (3)       | (4)      | (5)               | (6)               | (7)      | (8)               | (9)      |
| Sungai Bedog | Nama Lokasi                 |           |          | Sempor            | Gamping           | Kasongan | Sindon            | Tempuran |
|              | Koordinat                   |           |          | S : 07 42' 23.1"  | S : 07 47' 54.9"  |          | S : 07 47' 21.6"  |          |
|              |                             |           |          | E : 110 21' 07.6" | E : 110 19' 38.3" |          | E : 110 22' 08.3" |          |
|              | Waktu Pemantauan            |           |          | Mei 2013          | Mei 2013          | Mei 2013 | Mei 2013          | Mei 2013 |
| 1            | Suhu                        | ± 3°C     | °C       | 26.8              | 27.7              | 27.7     | 28.3              | 29       |
| 2            | pH                          | 6-8,5     | -        | 6.8               | 7.1               | 6.8      | 7.7               | 7.1      |
| 3            | Daya Hantar Listrik         | (-)       | mmhos/cm | 334               | 343               | 385      | 421               | 453      |
| 4            | Residu Terlarut             | 1000      | mg/L     | 167               | 171               | 192      | 211               | 226      |
| 5            | Residu Tersuspensi          | 50        | mg/L     | 14                | 20                | 18       | 19                | 10       |
| 6            | Oksigen terlarut (DO)       | 5         | mg/L     | 7                 | 6.2               | 6.6      | 6.2               | 5.9      |
| 7            | BOD <sub>5</sub>            | 3         | mg/L     | 4.1               | 6.1               | 4.1      | 4.1               | 6.1      |
| 8            | COD                         | 25        | mg/L     | 10.3              | 16.5              | 16.4     | 13                | 12.3     |
| 9            | Klorin bebas                | 0.03      | mg/L     | 0.01              | 0.01              | 0.14     | 0.01              | 0.11     |
| 10           | Nitrat (NO <sub>3</sub> -N) | 10        | mg/L     | 0.2               | 1.1               | 0.8      | 0.6               | 0.6      |
| 11           | Nitrit                      | 0.06      | mg/L     | 0.0001            | 0.002             | 0.001    | 0.01              | 0.004    |
| 12           | Fluorida                    | 1.5       | mg/L     | 0.3               | 0.4               | 1.31     | 0.5               | 0.8      |
| 13           | Sulfat                      | (-)       | mg/L     | 50                | 34                | 33       | 31                | 32       |
| 14           | Sulfida (H <sub>2</sub> S)  | 0.002     | mg/L     | 0.049             | 0.028             | 0.044    | 0.001             | 0.001    |
| 15           | Amoniak                     | (-)       | mg/L     | 0.01              | 0.01              | 0.01     | 0.01              | 0.1      |
| 16           | Pemanganat                  | (-)       | mg/L     | 2.2               | 4.1               | 7.3      | 9.8               | 9.8      |
| 17           | Deterjen                    | 200       | mg/L     | 32                | 45                | 52       | 69                | 157      |
| 18           | Fenol                       | 1         | mg/L     | 0.1               | 0.1               | 0.1      | 0.1               | 0.1      |
| 19           | Fosfat (PO <sub>4</sub> )   | 0.2       | mg/L     | 0.02              | 0.04              | 0.1      | 0.1               | 0.1      |
| 20           | Sianida (CN)                | 0.02      | mg/L     | 0.004             | 0.005             | 0.008    | 0.004             | 0.001    |
| 21           | Minyak & lemak              | 1000      | µg/L     | 0                 | 1000              | 500      | 1000              | 500      |
| 22           | Besi                        | (-)       | mg/L     | 0.31              | 0.26              | 0.27     | 0.33              | 0.26     |
| 23           | Mangan                      | (-)       | mg/L     | 0.08              | 0.27              | 0.07     | 0.06              | 0.06     |
| 24           | Kadmium (Cd)                | 0.01      | mg/L     | 0.04              | 0.04              | 0.02     | 0.02              | 0.01     |
| 25           | Seng (Zn)                   | 0.05      | mg/L     | 0.03              | 0.04              | 0.02     | 0.02              | 0.03     |
| 26           | Krom heksavalen             | 0.05      | mg/L     | 0.0001            | 0.0001            | 0.0001   | 0.0001            | 0.0001   |
| 27           | Tembaga (Cu)                | 0.02      | mg/L     | 0.01              | 0.06              | 0.06     | 0.06              | 0.06     |
| 28           | Salinitas                   | (-)       | ‰        | 0.1               | 0.1               | 0.2      | 0.2               | 0.2      |

|    |                    |      |            |      |        |       |        |       |
|----|--------------------|------|------------|------|--------|-------|--------|-------|
| 29 | Warna              | 100  | mg/L       | 11.1 | 7.5    | 10.1  | 12.5   | 12.7  |
| 30 | Boron              | 1    | mg/L       | 0.2  | 0.1    | 0.1   | 0.1    | 0.1   |
| 31 | Timbal (Pb)        | 0.03 | mg/L       | 0.05 | 0.04   | 0.07  | 0.0001 | 0.02  |
| 32 | Bakteri Koli Tinja | 1000 | JPT/100 mL | 4000 | 240000 | 9000  | 43000  | 21000 |
| 33 | Bakteri Total Koli | 5000 | JPT/100 mL | 4000 | 240000 | 15000 | 43000  | 21000 |

Lokasi : Sungai Bedog(lanjutan)

Tahun Data : 2013

| No           | Parameter                   | Baku Mutu | Satuan   | Lokasi Sampling   |                   |           |                   |           |
|--------------|-----------------------------|-----------|----------|-------------------|-------------------|-----------|-------------------|-----------|
|              |                             |           |          | 1                 | 2                 | 3         | 4                 | 5         |
| (1)          | (2)                         | (3)       | (4)      | (5)               | (6)               | (7)       | (8)               | (9)       |
| Sungai Bedog | Nama Lokasi                 |           |          | Sempor            | Gamping           | Kasongan  | Sindon            | Tempuran  |
|              | Koordinat                   |           |          | S : 07 42' 23.1"  | S : 07 47' 54.9"  |           | S : 07 47' 21.6"  |           |
|              |                             |           |          | E : 110 21' 07.6" | E : 110 19' 38.3" |           | E : 110 22' 08.3" |           |
|              | Waktu Pemantauan            |           |          | Sept 2013         | Sept 2013         | Sept 2013 | Sept 2013         | Sept 2013 |
| 1            | Suhu                        | ± 3°C     | °C       | 25.7              | 26.4              | 26.8      | 27.3              | 27.6      |
| 2            | pH                          | 6-8,5     | -        | 7.02              | 6.7               | 6.7       | 6.9               | 6.6       |
| 3            | Daya Hantar Listrik         | (-)       | mmhos/cm | 349               | 347               | 393       | 448               | 565       |
| 4            | Residu Terlarut             | 1000      | mg/L     | 175               | 171               | 197       | 224               | 283       |
| 5            | Residu Tersuspensi          | 50        | mg/L     | 12                | 16                | 17        | 18                | 11        |
| 6            | Oksigen terlarut (DO)       | 5         | mg/L     | 8.4               | 7.4               | 5.8       | 3.8               | 4         |
| 7            | BOD <sub>5</sub>            | 3         | mg/L     | 8.4               | 17.7              | 6.8       | 10.7              | 13.5      |
| 8            | COD                         | 25        | mg/L     | 16.3              | 24.004            | 19.3      | 20.6              | 26.4      |
| 9            | Klorin bebas                | 0.03      | mg/L     | 0.01              | 0.01              | 0.01      | 0.01              | 0.01      |
| 10           | Nitrat (NO <sub>3</sub> -N) | 10        | mg/L     | 0.5               | 0.6               | 0.6       | 1.01              | 0.6       |
| 11           | Nitrit                      | 0.06      | mg/L     | 0.05              | 0.08              | 0.06      | 0.2               | 0.02      |
| 12           | Fluorida                    | 1.5       | mg/L     | 0.2               | 0.2               | 0.3       | 0.08              | 0.001     |
| 13           | Sulfat                      | (-)       | mg/L     | 29.5              | 28.2              | 29.1      | 37.8              | 40.5      |
| 14           | Sulfida (H <sub>2</sub> S)  | 0.002     | mg/L     | 0.052             | 0.001             | 0.114     | 0.006             | 0.003     |
| 15           | Amoniak                     | (-)       | mg/L     | 0.45              | 0.34              | 0.13      | 1.38              | 0.32      |
| 16           | Pemanganat                  | (-)       | mg/L     | 1.6               | 1.9               | 13.7      | 25.4              | 27.8      |
| 17           | Deterjen                    | 200       | mg/L     | 31.1              | 49.6              | 49.6      | 52.3              | 353.4     |
| 18           | Fenol                       | 1         | mg/L     | 0.1               | 0.1               | 0.1       | 4                 | 0.1       |
| 19           | Fosfat (PO <sub>4</sub> )   | 0.2       | mg/L     | 0.04              | 0.08              | 0.1       | 0.1               | 0.2       |
| 20           | Sianida (CN)                | 0.02      | mg/L     | 0.005             | 0.001             | 0.001     | 0.006             | 0.002     |
| 21           | Minyak & lemak              | 1000      | µg/L     | 0                 | 1000              | 1000      | 1000              | 1000      |
| 22           | Besi                        | (-)       | mg/L     | 0.15              | 0.12              | 0.17      | 0.16              | 0.2       |
| 23           | Mangan                      | (-)       | mg/L     | 0.05              | 0.04              | 0.03      | 0.03              | 0.11      |

| No  | Parameter          | Baku Mutu | Satuan     | Lokasi Sampling |       |       |        |        |
|-----|--------------------|-----------|------------|-----------------|-------|-------|--------|--------|
|     |                    |           |            | 1               | 2     | 3     | 4      | 5      |
| (1) | (2)                | (3)       | (4)        | (5)             | (6)   | (7)   | (8)    | (9)    |
| 24  | Kadmium (Cd)       | 0.01      | mg/L       | 0.002           | 0.001 | 0.001 | 0.001  | 0.001  |
| 25  | Seng (Zn)          | 0.05      | mg/L       | 0.03            | 0.04  | 0.001 | 0.001  | 0.02   |
| 26  | Krom heksavalen    | 0.05      | mg/L       | 0.04            | 0.07  | 0.14  | 0.06   | 0.06   |
| 27  | Tembaga (Cu)       | 0.02      | mg/L       | 0.01            | 0.02  | 0.01  | 0.02   | 0.01   |
| 28  | Salinitas          | (-)       | ‰          | 0.1             | 0.1   | 0.1   | 0.2    | 0.2    |
| 29  | Warna              | 100       | mg/L       | 2.5             | 2.3   | 15.9  | 28.8   | 48.3   |
| 30  | Boron              | 1         | mg/L       | 0.1             | 0.08  | 0.07  | 0.3    | 0.3    |
| 31  | Timbal (Pb)        | 0.03      | mg/L       | 0.21            | 0.11  | 0.14  | 0.19   | 0.12   |
| 32  | Bakteri Koli Tinja | 1000      | JPT/100 mL | 7000            | 93000 | 43000 | 93000  | 93000  |
| 33  | Bakteri Total Koli | 5000      | JPT/100 mL | 9000            | 46000 | 93000 | 240000 | 240000 |

Lokasi : Sungai Belik  
Tahun Data : 2013

| No           | Parameter                   | Baku Mutu | Satuan   | Lokasi Sampling     |                     |                     |
|--------------|-----------------------------|-----------|----------|---------------------|---------------------|---------------------|
|              |                             |           |          | 1                   | 2                   | 3                   |
| (1)          | (2)                         | (3)       | (4)      | (5)                 | (6)                 | (7)                 |
| Sungai Belik | Nama Lokasi                 |           |          | Klebengan           | Tegalturi           | Pleret              |
|              | Koordinat                   |           |          | S: 07 45'<br>58.2"  | S: 07 49'<br>31.0"  | S: 07 52'<br>28.7"  |
|              |                             |           |          | E: 110 22'<br>59.2" | E: 110 23'<br>08.2" | E: 110 23'<br>30.9" |
|              | Waktu Pemantauan            |           |          | Februari            | Februari            | Februari            |
| 1            | Suhu                        | ± 3°C     | °C       | 28                  | 29.7                | 29.2                |
| 2            | pH                          | 6-8,5     | -        | 6.1                 | 6.3                 | 6.4                 |
| 3            | Daya Hantar Listrik         | (-)       | mmhos/cm | 467                 | 508                 | 518                 |
| 4            | Residu Terlarut             | 1000      | mg/L     | 233                 | 254                 | 259                 |
| 5            | Residu Tersuspensi          | 50        | mg/L     | 23                  | 10                  | 13                  |
| 6            | Oksigen terlarut (DO)       | 5         | mg/L     | 3.1                 | 3.9                 | 3.9                 |
| 7            | BOD <sub>5</sub>            | 3         | mg/L     | 19.3                | 15.7                | 7.5                 |
| 8            | COD                         | 25        | mg/L     | 25.3                | 19                  | 14.1                |
| 9            | Klorin bebas                | 0.03      | mg/L     | 0.14                | 0.13                | 0.04                |
| 10           | Nitrat (NO <sub>3</sub> -N) | 10        | mg/L     | 0.4                 | 0.3                 | 1.2                 |
| 11           | Nitrit                      | 0.06      | mg/L     | 0.02                | 0.03                | 0.02                |
| 12           | Fluorida                    | 1.5       | mg/L     | 0.001               | 0.2                 | 0.2                 |
| 13           | Sulfat                      | (-)       | mg/L     | 22                  | 31                  | 15                  |
| 14           | Sulfida (H <sub>2</sub> S)  | 0.002     | mg/L     | 0.014               | 0.015               | 0.03                |
| 15           | Amoniak                     | (-)       | mg/L     | 0.26                | 0.32                | 0.32                |

|    |                           |      |            |         |         |         |
|----|---------------------------|------|------------|---------|---------|---------|
| 16 | Pemanganat                | (-)  | mg/L       | 8.3     | 14.9    | 10.5    |
| 17 | Deterjen                  | 200  | mg/L       | 140     | 73      | 95      |
| 18 | Fenol                     | 1    | mg/L       | 0.1     | 0.1     | 0.1     |
| 19 | Fosfat (PO <sub>4</sub> ) | 0.2  | mg/L       | 0.004   | 0.2     | 0.2     |
| 20 | Sianida (CN)              | 0.02 | mg/L       | 0.002   | 0.001   | 0.003   |
| 21 | Minyak & lemak            | 1000 | µg/L       | 1500    | 500     | 1000    |
| 22 | Besi                      | (-)  | mg/L       | 0.4     | 0.2     | 0.1     |
| 23 | Mangan                    | (-)  | mg/L       | 0.08    | 0.08    | 0.3     |
| 24 | Kadmium (Cd)              | 0.01 | mg/L       | 0.02    | 0.06    | 0.05    |
| 25 | Seng (Zn)                 | 0.05 | mg/L       | 0.02    | 0.03    | 0.03    |
| 26 | Krom heksavalen           | 0.05 | mg/L       | 0.04    | 0.008   | 0.006   |
| 27 | Tembaga (Cu)              | 0.02 | mg/L       | 0.03    | 0.03    | 0.03    |
| 28 | Salinitas                 | (-)  | ‰          | 0.2     | 0.2     | 0.2     |
| 29 | Warna                     | 100  | mg/L       | 12      | 8.4     | 21.7    |
| 30 | Boron                     | 1    | mg/L       | 0.1     | 0.2     | 0.1     |
| 31 | Timbal (Pb)               | 0.03 | mg/L       | 0.09    | 0.05    | 0.09    |
| 32 | Bakteri Koli Tinja        | 1000 | JPT/100 mL | 1100000 | 1100000 | 1100000 |
| 33 | Bakteri Total Koli        | 5000 | JPT/100 mL | 2400000 | 2400000 | 2400000 |

**Lokasi : Sungai Belik (Lanjutan)**

Tahun Data : 2013

| No           | Parameter                   | Baku Mutu | Satuan   | Lokasi Sampling      |                      |                      |
|--------------|-----------------------------|-----------|----------|----------------------|----------------------|----------------------|
|              |                             |           |          | 1                    | 2                    | 3                    |
| (1)          | (2)                         | (3)       | (4)      | (5)                  | (6)                  | (7)                  |
| Sungai Belik | Nama Lokasi                 |           |          | Klebengan            | Tegalturi            | Pleret               |
|              | Koordinat                   |           |          | S : 07 45'<br>58.2"  | S : 07 49'<br>31.0"  | S : 07 52'<br>28.7"  |
|              |                             |           |          | E : 110 22'<br>59.2" | E : 110 23'<br>08.2" | E : 110 23'<br>30.9" |
|              | Waktu Pemantauan            |           |          | Mei 2013             | Mei 2013             | Mei 2013             |
| 1            | Suhu                        | ± 3°C     | °C       | 28.1                 | 28.1                 | 28.6                 |
| 2            | pH                          | 6-8,5     | -        | 6.8                  | 6.6                  | 6.7                  |
| 3            | Daya Hantar Listrik         | (-)       | mmhos/cm | 421                  | 441                  | 474                  |
| 4            | Residu Terlarut             | 1000      | mg/L     | 211                  | 220                  | 237                  |
| 5            | Residu Tersuspensi          | 50        | mg/L     | 16                   | 13                   | 24                   |
| 6            | Oksigen terlarut (DO)       | 5         | mg/L     | 4.7                  | 3.3                  | 4.7                  |
| 7            | BOD <sub>5</sub>            | 3         | mg/L     | 14.1                 | 10.1                 | 14.1                 |
| 8            | COD                         | 25        | mg/L     | 24.9                 | 21.4                 | 23                   |
| 9            | Klorin bebas                | 0.03      | mg/L     | 0.01                 | 0.01                 | 0.01                 |
| 10           | Nitrat (NO <sub>3</sub> -N) | 10        | mg/L     | 3.1                  | 1.2                  | 1.3                  |
| 11           | Nitrit                      | 0.06      | mg/L     | 0.12                 | 0.06                 | 0.04                 |

| No  | Parameter                  | Baku Mutu | Satuan     | Lokasi Sampling |        |        |
|-----|----------------------------|-----------|------------|-----------------|--------|--------|
|     |                            |           |            | 1               | 2      | 3      |
| (1) | (2)                        | (3)       | (4)        | (5)             | (6)    | (7)    |
| 12  | Fluorida                   | 1.5       | mg/L       | 0.5             | 0.0001 | 0.6    |
| 13  | Sulfat                     | (-)       | mg/L       | 53              | 38     | 39     |
| 14  | Sulfida (H <sub>2</sub> S) | 0.002     | mg/L       | 0.021           | 0.342  | 0.001  |
| 15  | Amoniak                    | (-)       | mg/L       | 1.32            | 1.17   | 0.54   |
| 16  | Permanganat                | (-)       | mg/L       | 7.9             | 7.6    | 9.5    |
| 17  | Deterjen                   | 200       | mg/L       | 119             | 127    | 120    |
| 18  | Fenol                      | 1         | mg/L       | 328             | 690    | 171    |
| 19  | Fosfat (PO <sub>4</sub> )  | 0.2       | mg/L       | 1.7             | 0.1    | 0.1    |
| 20  | Sianida (CN)               | 0.02      | mg/L       | 0.001           | 0.001  | 0.006  |
| 21  | Minyak & lemak             | 1000      | µg/L       | 1000            | 2000   | 1000   |
| 22  | Besi                       | (-)       | mg/L       | 0.33            | 0.15   | 0.23   |
| 23  | Mangan                     | (-)       | mg/L       | 0.02            | 0.01   | 0.01   |
| 24  | Kadmium (Cd)               | 0.01      | mg/L       | 0.02            | 0.02   | 0.01   |
| 25  | Seng (Zn)                  | 0.05      | mg/L       | 0.03            | 0.03   | 0.02   |
| 26  | Krom heksavalen            | 0.05      | mg/L       | 0.0001          | 0.0001 | 0.0001 |
| 27  | Tembaga (Cu)               | 0.02      | mg/L       | 0.03            | 0.001  | 0.02   |
| 28  | Salinitas                  | (-)       | ‰          | 0.2             | 0.2    | 0.2    |
| 29  | Warna                      | 100       | mg/L       | 11.9            | 7.6    | 7.7    |
| 30  | Boron                      | 1         | mg/L       | 0.1             | 0.1    | 0.1    |
| 31  | Timbal (Pb)                | 0.03      | mg/L       | 0.01            | 0.05   | 0.05   |
| 32  | Bakteri Koli Tinja         | 1000      | JPT/100 mL | 4000            | 3000   | 21000  |
| 33  | Bakteri Total Koli         | 5000      | JPT/100 mL | 9000            | 3000   | 21000  |

Lokasi : Sungai Belik (Lanjutan)  
Tahun Data : 2013

| No           | Parameter           | Baku Mutu | Satuan   | Lokasi Sampling     |                     |                     |
|--------------|---------------------|-----------|----------|---------------------|---------------------|---------------------|
|              |                     |           |          | 1                   | 2                   | 3                   |
| (1)          | (2)                 | (3)       | (4)      | (5)                 | (6)                 | (7)                 |
| Sungai Belik | Nama Lokasi         |           |          | Klebengan           | Tegalturi           | Pleret              |
|              | Koordinat           |           |          | S: 07 45'<br>58.2"  | S: 07 49'<br>31.0"  | S: 07 52'<br>28.7"  |
|              |                     |           |          | E: 110 22'<br>59.2" | E: 110 23'<br>08.2" | E: 110 23'<br>30.9" |
|              | Waktu Pemantauan    |           |          | Sep 2013            | Sep 2013            | Sep 2013            |
| 1            | Suhu                | ± 3°C     | °C       | 26                  | 29.1                | 27.5                |
| 2            | pH                  | 6-8,5     | -        | 7.6                 | 6.2                 | 6.2                 |
| 3            | Daya Hantar Listrik | (-)       | mmhos/cm | 426                 | 563                 | 573                 |

| No  | Parameter                   | Baku Mutu | Satuan     | Lokasi Sampling |       |        |
|-----|-----------------------------|-----------|------------|-----------------|-------|--------|
|     |                             |           |            | 1               | 2     | 3      |
| (1) | (2)                         | (3)       | (4)        | (5)             | (6)   | (7)    |
| 4   | Residu Terlarut             | 1000      | mg/L       | 203             | 269   | 273    |
| 5   | Residu Tersuspensi          | 50        | mg/L       | 12              | 11    | 21     |
| 6   | Oksigen terlarut (DO)       | 5         | mg/L       | 4.8             | 3.2   | 6      |
| 7   | BOD <sub>5</sub>            | 3         | mg/L       | 9.72            | 16.8  | 15.2   |
| 8   | COD                         | 25        | mg/L       | 16.7            | 25.4  | 31.3   |
| 9   | Klorin bebas                | 0.03      | mg/L       | 0.28            | 0.16  | 0.01   |
| 10  | Nitrat (NO <sub>3</sub> -N) | 10        | mg/L       | 1.3             | 1.5   | 0.6    |
| 11  | Nitrit                      | 0.06      | mg/L       | 0.05            | 0.01  | 0.0001 |
| 12  | Fluorida                    | 1.5       | mg/L       | 0.2             | 1.2   | 0.5    |
| 13  | Sulfat                      | (-)       | mg/L       | 26.8            | 26.4  | 35     |
| 14  | Sulfida (H <sub>2</sub> S)  | 0.002     | mg/L       | 0.002           | 0.001 | 0.001  |
| 15  | Amoniak                     | (-)       | mg/L       | 0.07            | 0.33  | 0.17   |
| 16  | Permanganat                 | (-)       | mg/L       | 14.8            | 8.9   | 3.7    |
| 17  | Deterjen                    | 200       | mg/L       | 89.4            | 75.4  | 79.3   |
| 18  | Fenol                       | 1         | mg/L       | 0.1             | 7.5   | 14.3   |
| 19  | Fosfat (PO <sub>4</sub> )   | 0.2       | mg/L       | 0.2             | 0.3   | 0.2    |
| 20  | Sianida (CN)                | 0.02      | mg/L       | 0.006           | 0.014 | 0.001  |
| 21  | Minyak & lemak              | 1000      | µg/L       | 1000            | 1000  | 1000   |
| 22  | Besi                        | (-)       | mg/L       | 0.07            | 0.09  | 0.09   |
| 23  | Mangan                      | (-)       | mg/L       | 0.02            | 0.02  | 0.01   |
| 24  | Kadmium (Cd)                | 0.01      | mg/L       | 0.001           | 0.001 | 0.001  |
| 25  | Seng (Zn)                   | 0.05      | mg/L       | 0.02            | 0.03  | 0.03   |
| 26  | Krom heksavalen             | 0.05      | mg/L       | 0.012           | 0.04  | 0.05   |
| 27  | Tembaga (Cu)                | 0.02      | mg/L       | 0.02            | 0.02  | 0.02   |
| 28  | Salinitas                   | (-)       | ‰          | 0.2             | 0.3   | 0.3    |
| 29  | Warna                       | 100       | mg/L       | 10.9            | 7.8   | 3.6    |
| 30  | Boron                       | 1         | mg/L       | 0.2             | 0.2   | 0.2    |
| 31  | Timbal (Pb)                 | 0.03      | mg/L       | 0.12            | 0.08  | 0.13   |
| 32  | Bakteri Koli Tinja          | 1000      | JPT/100 mL | 9000            | 23000 | 43000  |
| 33  | Bakteri Total Koli          | 5000      | JPT/100 mL | 23000           | 42000 | 93000  |

Lokasi : Sungai Koteng  
Tahun Data : 2013

| No     | Parameter   | Baku Mutu | Satuan | Lokasi Sampling |          |         |           |
|--------|-------------|-----------|--------|-----------------|----------|---------|-----------|
|        |             |           |        | 1               | 2        | 3       | 4         |
| (1)    | (2)         | (3)       | (4)    | (5)             | (6)      | (7)     | (8)       |
| Sungai | Nama Lokasi |           |        | Medari          | Klajuran | Pasekan | Bentangan |

| No      | Parameter                   | Baku Mutu | Satuan   | Lokasi Sampling      |                      |                          |                      |
|---------|-----------------------------|-----------|----------|----------------------|----------------------|--------------------------|----------------------|
|         |                             |           |          | 1                    | 2                    | 3                        | 4                    |
| (1)     | (2)                         | (3)       | (4)      | (5)                  | (6)                  | (7)                      | (8)                  |
| Konteng | Koordinat                   |           |          | S : 07<br>44' 03.3"  | S : 07<br>47' 00.4"  | S : 07<br>48'<br>14.69"  | S : 07 51'<br>05.8"  |
|         |                             |           |          | E : 110<br>24' 32.9" | E : 110<br>25' 08.8" | E : 110<br>18'<br>15.87" | E : 110<br>25' 47.0" |
|         | Waktu Pemantauan            |           |          | Feb<br>2013          | Feb<br>2013          | Feb<br>2013              | Feb 2013             |
|         |                             |           |          |                      |                      |                          |                      |
| 1       | Suhu                        | ± 3°C     | °C       | 26                   | 28.2                 | 28.1                     | 27.1                 |
| 2       | pH                          | 6-8,5     | -        | 7.2                  | 7.3                  | 6.9                      | 7.1                  |
| 3       | Daya Hantar Listrik         | (-)       | mmhos/cm | 269                  | 312                  | 334                      | 334                  |
| 4       | Residu Terlarut             | 1000      | mg/L     | 135                  | 156                  | 167                      | 168                  |
| 5       | Residu Tersuspensi          | 50        | mg/L     | 12                   | 13                   | 30                       | 23                   |
| 6       | Oksigen terlarut (DO)       | 5         | mg/L     | 5.3                  | 6.6                  | 6.8                      | 3.8                  |
| 7       | BOD <sub>5</sub>            | 3         | mg/L     | 3.9                  | 9.8                  | 2.3                      | 5.9                  |
| 8       | COD                         | 25        | mg/L     | 15.9                 | 28.1                 | 6.5                      | 9.8                  |
| 9       | Klorin bebas                | 0.03      | mg/L     | 0.47                 | 0.41                 | 0.14                     | 0.08                 |
| 10      | Nitrat (NO <sub>3</sub> -N) | 10        | mg/L     | 1                    | 1.8                  | 1.7                      | 1.5                  |
| 11      | Nitrit                      | 0.06      | mg/L     | 0.03                 | 0.02                 | 0.05                     | 0.02                 |
| 12      | Fluorida                    | 1.5       | mg/L     | 0.02                 | 0.2                  | 0.05                     | 0.001                |
| 13      | Sulfat                      | (-)       | mg/L     | 20                   | 14                   | 14                       | 8                    |
| 14      | Sulfida (H <sub>2</sub> S)  | 0.002     | mg/L     | 0.022                | 0.016                | 0.022                    | 0.024                |
| 15      | Amoniak                     | (-)       | mg/L     | 0.38                 | 0.45                 | 0.05                     | 0.52                 |
| 16      | Permanganat                 | (-)       | mg/L     | 3.2                  | 4.7                  | 3.5                      | 1.9                  |
| 17      | Deterjen                    | 200       | mg/L     | 203                  | 73                   | 144                      | 157                  |
| 18      | Fenol                       | 1         | mg/L     | 0.1                  | 0.1                  | 0.1                      | 147                  |
| 19      | Fosfat (PO <sub>4</sub> )   | 0.2       | mg/L     | 0.05                 | 0.1                  | 0.1                      | 0.1                  |
| 20      | Sianida (CN)                | 0.02      | mg/L     | 0.001                | 0.001                | 0.001                    | 0.001                |
| 21      | Minyak & lemak              | 1000      | µg/L     | 500                  | 1000                 | 500                      | 1000                 |
| 22      | Besi                        | (-)       | mg/L     | 0.3                  | 0.3                  | 0.3                      | 0.3                  |
| 23      | Mangan                      | (-)       | mg/L     | 0.3                  | 0.1                  | 0.4                      | 0.1                  |
| 24      | Kadmium (Cd)                | 0.01      | mg/L     | 0.03                 | 0.01                 | 0.02                     | 0.03                 |
| 25      | Seng (Zn)                   | 0.05      | mg/L     | 0.08                 | 0.04                 | 0.06                     | 0.07                 |
| 26      | Krom heksavalen             | 0.05      | mg/L     | 0.006                | 0.005                | 0.007                    | 0.006                |
| 27      | Tembaga (Cu)                | 0.02      | mg/L     | 0.03                 | 0.05                 | 0.06                     | 0.06                 |
| 28      | Salinitas                   | (-)       | ‰        | 0.1                  | 0.1                  | 0.1                      | 0.1                  |
| 29      | Warna                       | 100       | mg/L     | 9.5                  | 8.3                  | 7.5                      | 14.3                 |
| 30      | Boron                       | 1         | mg/L     | 0.1                  | 0.06                 | 0.1                      | 0.2                  |
| 31      | Timbal (Pb)                 | 0.03      | mg/L     | 0.1                  | 0.07                 | 0.09                     | 0.02                 |

| No  | Parameter          | Baku Mutu | Satuan     | Lokasi Sampling |       |       |       |
|-----|--------------------|-----------|------------|-----------------|-------|-------|-------|
|     |                    |           |            | 1               | 2     | 3     | 4     |
| (1) | (2)                | (3)       | (4)        | (5)             | (6)   | (7)   | (8)   |
| 32  | Bakteri Koli Tinja | 1000      | JPT/100 mL | 11000           | 15000 | 23000 | 43000 |
| 33  | Bakteri Total Koli | 5000      | JPT/100 mL | 240000          | 15000 | 23000 | 43000 |

Lokasi : Sungai Koteng (Lanjutan)

Tahun Data : 2013

| No               | Parameter                   | Baku Mutu | Satuan   | Lokasi Sampling      |                      |                          |                      |
|------------------|-----------------------------|-----------|----------|----------------------|----------------------|--------------------------|----------------------|
|                  |                             |           |          | 1                    | 2                    | 3                        | 4                    |
| (1)              | (2)                         | (3)       | (4)      | (5)                  | (6)                  | (7)                      | (8)                  |
| Sungai<br>Koteng | Nama Lokasi                 |           |          | Medari               | Klajuran             | Pasekan                  | Bentangan            |
|                  | Koordinat                   |           |          | S : 07<br>44' 03.3"  | S : 07<br>47' 00.4"  | S : 07<br>48'<br>14.69"  | S : 07 51'<br>05.8"  |
|                  |                             |           |          | E : 110<br>24' 32.9" | E : 110<br>25' 08.8" | E : 110<br>18'<br>15.87" | E : 110<br>25' 47.0" |
|                  | Waktu Pemantauan            |           |          | Mei 2013             | Mei 2013             | Mei 2013                 | Mei 2013             |
| 1                | Suhu                        | ± 3°C     | °C       | 27.3                 | 28.4                 | 29                       | 27.8                 |
| 2                | pH                          | 6-8,5     | -        | 6.2                  | 6.6                  | 6.54                     | 7.1                  |
| 3                | Daya Hantar Listrik         | (-)       | mmhos/cm | 265                  | 287                  | 312                      | 359                  |
| 4                | Residu Terlarut             | 1000      | mg/L     | 125                  | 136                  | 146                      | 171                  |
| 5                | Residu Tersuspensi          | 50        | mg/L     | 14                   | 16                   | 18                       | 15                   |
| 6                | Oksigen terlarut (DO)       | 5         | mg/L     | 5.3                  | 4.5                  | 4.9                      | 7.4                  |
| 7                | BOD <sub>5</sub>            | 3         | mg/L     | 6.9                  | 4.1                  | 8                        | 4.1                  |
| 8                | COD                         | 25        | mg/L     | 11.9                 | 13.3                 | 15.9                     | 9.1                  |
| 9                | Klorin bebas                | 0.03      | mg/L     | 0.03                 | 0.08                 | 0.03                     | 0.03                 |
| 10               | Nitrat (NO <sub>3</sub> -N) | 10        | mg/L     | 0.8                  | 1.6                  | 1.2                      | 1.6                  |
| 11               | Nitrit                      | 0.06      | mg/L     | 0.02                 | 0.02                 | 0.02                     | 0.02                 |
| 12               | Fluorida                    | 1.5       | mg/L     | 0.69                 | 0.9                  | 0.9                      | 0.5                  |
| 13               | Sulfat                      | (-)       | mg/L     | 33                   | 30                   | 30                       | 32                   |
| 14               | Sulfida (H <sub>2</sub> S)  | 0.002     | mg/L     | 0.001                | 0.001                | 0.001                    | 0.001                |
| 15               | Amoniak                     | (-)       | mg/L     | 0.08                 | 0.8                  | 0.09                     | 0.13                 |
| 16               | Permanganat                 | (-)       | mg/L     | 16.1                 | 6.6                  | 4.7                      | 9.5                  |
| 17               | Deterjen                    | 200       | mg/L     | 25                   | 45                   | 43                       | 60                   |
| 18               | Fenol                       | 1         | mg/L     | 0.1                  | 0.1                  | 0.1                      | 0.1                  |
| 19               | Fosfat (PO <sub>4</sub> )   | 0.2       | mg/L     | 0.1                  | 0.04                 | 0.1                      | 0.1                  |
| 20               | Sianida (CN)                | 0.02      | mg/L     | 0.001                | 0.07                 | 0.002                    | 0.002                |
| 21               | Minyak & lemak              | 1000      | µg/L     | 1500                 | 1500                 | 1000                     | 0                    |
| 22               | Besi                        | (-)       | mg/L     | 0.33                 | 0.33                 | 0.29                     | 0.35                 |

| No  | Parameter          | Baku Mutu | Satuan     | Lokasi Sampling |        |        |        |
|-----|--------------------|-----------|------------|-----------------|--------|--------|--------|
|     |                    |           |            | 1               | 2      | 3      | 4      |
| (1) | (2)                | (3)       | (4)        | (5)             | (6)    | (7)    | (8)    |
| 23  | Mangan             | (-)       | mg/L       | 0.06            | 0.08   | 0.06   | 0.07   |
| 24  | Kadmium (Cd)       | 0.01      | mg/L       | 0.01            | 0.03   | 0.05   | 0.04   |
| 25  | Seng (Zn)          | 0.05      | mg/L       | 0.05            | 0.05   | 0.04   | 0.001  |
| 26  | Krom heksavalen    | 0.05      | mg/L       | 0.0001          | 0.0001 | 0.0001 | 0.003  |
| 27  | Tembaga (Cu)       | 0.02      | mg/L       | 0.01            | 0.02   | 0.02   | 0.02   |
| 28  | Salinitas          | (-)       | ‰          | 0.1             | 0.1    | 0.01   | 0.2    |
| 29  | Warna              | 100       | mg/L       | 16.6            | 12.5   | 10.4   | 28.2   |
| 30  | Boron              | 1         | mg/L       | 0.1             | 0.1    | 0.2    | 0.1    |
| 31  | Timbal (Pb)        | 0.03      | mg/L       | 0.04            | 0.04   | 0.001  | 0.05   |
| 32  | Bakteri Koli Tinja | 1000      | JPT/100 mL | 460000          | 15000  | 150000 | 240000 |
| 33  | Bakteri Total Koli | 5000      | JPT/100 mL | 960000          | 15000  | 150000 | 240000 |

**Lokasi : Sungai Koteng (Lanjutan)**  
**Tahun Data : 2013**

| No             | Parameter                   | Baku Mutu | Satuan   | Lokasi Sampling      |                      |                          |                      |
|----------------|-----------------------------|-----------|----------|----------------------|----------------------|--------------------------|----------------------|
|                |                             |           |          | 1                    | 2                    | 3                        | 4                    |
| (1)            | (2)                         | (3)       | (4)      | (5)                  | (6)                  | (7)                      | (8)                  |
| Sungai Konteng | Nama Lokasi                 |           |          | Medari               | Klajuran             | Pasekan                  | Bentangan            |
|                | Koordinat                   |           |          | S : 07<br>44' 03.3"  | S : 07<br>47' 00.4"  | S : 07<br>48'<br>14.69"  | S : 07 51'<br>05.8"  |
|                |                             |           |          | E : 110<br>24' 32.9" | E : 110<br>25' 08.8" | E : 110<br>18'<br>15.87" | E : 110<br>25' 47.0" |
|                | Waktu Pemantauan            |           |          | Sep<br>2013          | Sep<br>2013          | Sep 2013                 | Sep 2013             |
| 1              | Suhu                        | ± 3°C     | °C       | 25.3                 | 26.7                 | 27                       | 26.5                 |
| 2              | pH                          | 6-8,5     | -        | 7.1                  | 6.8                  | 6.4                      | 6                    |
| 3              | Daya Hantar Listrik         | (-)       | mmhos/cm | 311                  | 338                  | 360                      | 438                  |
| 4              | Residu Terlarut             | 1000      | mg/L     | 156                  | 169                  | 188                      | 219                  |
| 5              | Residu Tersuspensi          | 50        | mg/L     | 9                    | 12                   | 14                       | 13                   |
| 6              | Oksigen terlarut (DO)       | 5         | mg/L     | 5.8                  | 6.4                  | 6.8                      | 5.4                  |
| 7              | BOD <sub>5</sub>            | 3         | mg/L     | 4.9                  | 9.8                  | 9.8                      | 10.8                 |
| 8              | COD                         | 25        | mg/L     | 9.5                  | 18.6                 | 18.3                     | 20.5                 |
| 9              | Klorin bebas                | 0.03      | mg/L     | 0.69                 | 0.07                 | 0.05                     | 0.01                 |
| 10             | Nitrat (NO <sub>3</sub> -N) | 10        | mg/L     | 0.3                  | 1.4                  | 0.8                      | 0.4                  |
| 11             | Nitrit                      | 0.06      | mg/L     | 0.02                 | 0.05                 | 0.02                     | 0.003                |
| 12             | Fluorida                    | 1.5       | mg/L     | 0.001                | 0.32                 | 0.0001                   | 0.0001               |

|    |                            |       |            |       |       |        |        |
|----|----------------------------|-------|------------|-------|-------|--------|--------|
| 13 | Sulfat                     | (-)   | mg/L       | 29.5  | 26.4  | 26.03  | 34.2   |
| 14 | Sulfida (H <sub>2</sub> S) | 0.002 | mg/L       | 0.005 | 0.13  | 0.001  | 0.001  |
| 15 | Amoniak                    | (-)   | mg/L       | 0.38  | 0.26  | 0.39   | 0.51   |
| 16 | Permanganat                | (-)   | mg/L       | 4.01  | 7.4   | 2.5    | 10.5   |
| 17 | Deterjen                   | 200   | mg/L       | 59.6  | 34.9  | 19.4   | 36.8   |
| 18 | Fenol                      | 1     | mg/L       | 0.1   | 0.1   | 0.1    | 0.1    |
| 19 | Fosfat (PO <sub>4</sub> )  | 0.2   | mg/L       | 0.1   | 0.1   | 0.1    | 0.1    |
| 20 | Sianida (CN)               | 0.02  | mg/L       | 0.009 | 0.014 | 0.01   | 0.005  |
| 21 | Minyak & lemak             | 1000  | µg/L       | 1500  | 2000  | 1000   | 0      |
| 22 | Besi                       | (-)   | mg/L       | 0.16  | 0.11  | 0.11   | 0.15   |
| 23 | Mangan                     | (-)   | mg/L       | 0.02  | 0.02  | 0.03   | 0.04   |
| 24 | Kadmium (Cd)               | 0.01  | mg/L       | 0.001 | 0.001 | 0.01   | 0.01   |
| 25 | Seng (Zn)                  | 0.05  | mg/L       | 0.02  | 0.03  | 0.03   | 0.03   |
| 26 | Krom heksavalen            | 0.05  | mg/L       | 0.04  | 0.03  | 0.06   | 0.05   |
| 27 | Tembaga (Cu)               | 0.02  | mg/L       | 0.01  | 0.01  | 0.01   | 0.01   |
| 28 | Salinitas                  | (-)   | ‰          | 0.1   | 0.2   | 0.2    | 0.2    |
| 29 | Warna                      | 100   | mg/L       | 3.9   | 2.9   | 2.1    | 12.2   |
| 30 | Boron                      | 1     | mg/L       | 0.1   | 0.1   | 0.2    | 0.3    |
| 31 | Timbal (Pb)                | 0.03  | mg/L       | 0.11  | 0.12  | 0.18   | 0.21   |
| 32 | Bakteri Koli Tinja         | 1000  | JPT/100 mL | 93000 | 23000 | 93000  | 93000  |
| 33 | Bakteri Total Koli         | 5000  | JPT/100 mL | 24000 | 42000 | 460000 | 460000 |

Lokasi : Sungai Kuning  
Tahun Data : 2013

| No            | Parameter             | Baku Mutu | Satuan   | Lokasi Sampling     |                      |                      |                     |
|---------------|-----------------------|-----------|----------|---------------------|----------------------|----------------------|---------------------|
|               |                       |           |          | 1                   | 2                    | 3                    | 4                   |
| (1)           | (2)                   | (3)       | (4)      | (5)                 | (6)                  | (7)                  | (8)                 |
| Sungai Kuning | Nama Lokasi           |           |          | Pakem               | Ngemplak             | Sorogenen            | Kuning              |
|               | Koordinat             |           |          | S: 07<br>40' 50.3"  | S: 07 46'<br>14.41"  | S: 07 47'<br>00.59"  | S: 07 51'<br>05.8"  |
|               |                       |           |          | E: 110<br>20' 20.7" | E: 110<br>26' 33.38" | E: 110<br>26' 21.75" | E: 110<br>25' 47.0" |
|               | Waktu Pemantauan      |           |          | Feb<br>2013         | Feb 2013             | Feb 2013             | Feb 2013            |
| 1             | Suhu                  | ± 3°C     | °C       | 27                  | 28.3                 | 28.9                 | 28.9                |
| 2             | pH                    | 6-8,5     | -        | 6.7                 | 6.9                  | 7                    | 6.9                 |
| 3             | Daya Hantar Listrik   | (-)       | mmhos/cm | 109                 | 250                  | 262                  | 268                 |
| 4             | Residu Terlarut       | 1000      | mg/L     | 232                 | 118                  | 125                  | 125                 |
| 5             | Residu Tersuspensi    | 50        | mg/L     | 35                  | 25                   | 25                   | 20                  |
| 6             | Oksigen terlarut (DO) | 5         | mg/L     | 0.7                 | 7.1                  | 7.1                  | 7.7                 |
| 7             | BOD <sub>5</sub>      | 3         | mg/L     | 6.7                 | 5.2                  | 3.9                  | 5.2                 |

| No  | Parameter                   | Baku Mutu | Satuan     | Lokasi Sampling |        |         |         |
|-----|-----------------------------|-----------|------------|-----------------|--------|---------|---------|
|     |                             |           |            | 1               | 2      | 3       | 4       |
| (1) | (2)                         | (3)       | (4)        | (5)             | (6)    | (7)     | (8)     |
| 8   | COD                         | 25        | mg/L       | 15.7            | 18.9   | 8       | 7.8     |
| 9   | Klorin bebas                | 0.03      | mg/L       | 0.12            | 0.05   | 0.05    | 0.04    |
| 10  | Nitrat (NO <sub>3</sub> -N) | 10        | mg/L       | 0.3             | 1.9    | 0.6     | 1.8     |
| 11  | Nitrit                      | 0.06      | mg/L       | 0.02            | 0.02   | 0.01    | 0.02    |
| 12  | Fluorida                    | 1.5       | mg/L       | 0.5             | 0.1    | 0.1     | 0.3     |
| 13  | Sulfat                      | (-)       | mg/L       | 19              | 12     | 14      | 18      |
| 14  | Sulfida (H <sub>2</sub> S)  | 0.002     | mg/L       | 0.014           | 0.041  | 0.125   | 0.075   |
| 15  | Amoniak                     | (-)       | mg/L       | 0.21            | 0.87   | 0.7     | 0.36    |
| 16  | Permanganat                 | (-)       | mg/L       | 5.6             | 7.7    | 8       | 7.1     |
| 17  | Deterjen                    | 200       | mg/L       | 296             | 98     | 71      | 76      |
| 18  | Fenol                       | 1         | mg/L       | 0.1             | 0.1    | 0.1     | 0.1     |
| 19  | Fosfat (PO <sub>4</sub> )   | 0.2       | mg/L       | 0.1             | 0.08   | 0.1     | 0.1     |
| 20  | Sianida (CN)                | 0.02      | mg/L       | 0.005           | 0.001  | 0.001   | 0.001   |
| 21  | Minyak & lemak              | 1000      | µg/L       | 500             | 500    | 500     | 1000    |
| 22  | Besi                        | (-)       | mg/L       | 0.4             | 0.3    | 0.2     | 0.2     |
| 23  | Mangan                      | (-)       | mg/L       | 0.2             | 0.01   | 0.2     | 0.8     |
| 24  | Kadmium (Cd)                | 0.01      | mg/L       | 0.06            | 0.05   | 0.06    | 0.08    |
| 25  | Seng (Zn)                   | 0.05      | mg/L       | 0.02            | 0.01   | 0.07    | 0.03    |
| 26  | Krom heksavalen             | 0.05      | mg/L       | 0.006           | 0.005  | 0.007   | 0.008   |
| 27  | Tembaga (Cu)                | 0.02      | mg/L       | 0.02            | 0.04   | 0.04    | 0.03    |
| 28  | Salinitas                   | (-)       | ‰          | 0.1             | 0.1    | 0.1     | 0.1     |
| 29  | Warna                       | 100       | mg/L       | 11              | 5.9    | 6.5     | 40.2    |
| 30  | Boron                       | 1         | mg/L       | 0.0001          | 0.006  | 0.0001  | 0.0001  |
| 31  | Timbal (Pb)                 | 0.03      | mg/L       | 0.03            | 0.1    | 0.64    | 0.03    |
| 32  | Bakteri Koli Tinja          | 1000      | JPT/100 mL | 1100000         | 7000   | 210000  | 120000  |
| 33  | Bakteri Total Koli          | 5000      | JPT/100 mL | 2400000         | 150000 | 2400000 | 2400000 |

Lokasi : Sungai Kuning (Lanjutan)

Tahun Data : 2013

| No            | Parameter        | Baku Mutu | Satuan | Lokasi Sampling      |                       |                       |                      |
|---------------|------------------|-----------|--------|----------------------|-----------------------|-----------------------|----------------------|
|               |                  |           |        | 1                    | 2                     | 3                     | 4                    |
| (1)           | (2)              | (3)       | (4)    | (5)                  | (6)                   | (7)                   | (8)                  |
| Sungai Kuning | Nama Lokasi      |           |        | Pakem                | Ngemplak              | Sorogenen             | Kuning               |
|               | Koordinat        |           |        | S : 07 40'<br>50.3"  | S : 07 46'<br>14.41"  | S : 07 47'<br>00.59"  | S : 07 51'<br>05.8"  |
|               |                  |           |        | E : 110 20'<br>20.7" | E : 110 26'<br>33.38" | E : 110 26'<br>21.75" | E : 110 25'<br>47.0" |
|               | Waktu Pemantauan |           |        | Mei 2013             | Mei 2013              | Mei 2013              | Mei 2013             |

|    |                             |       |            |        |        |        |        |
|----|-----------------------------|-------|------------|--------|--------|--------|--------|
| 1  | Suhu                        | ± 3°C | °C         | 27.3   | 27.8   | 29.8   | 29.6   |
| 2  | pH                          | 6-8,5 | -          | 7.5    | 7.4    | 7.6    | 7.8    |
| 3  | Daya Hantar Listrik         | (-)   | mmhos/cm   | 246    | 255    | 314    | 332    |
| 4  | Residu Terlarut             | 1000  | mg/L       | 118    | 121    | 147    | 158    |
| 5  | Residu Tersuspensi          | 50    | mg/L       | 15     | 19     | 15     | 13     |
| 6  | Oksigen terlarut (DO)       | 5     | mg/L       | 6.6    | 6      | 5.9    | 6.6    |
| 7  | BOD <sub>5</sub>            | 3     | mg/L       | 3      | 5.9    | 2.9    | 4.9    |
| 8  | COD                         | 25    | mg/L       | 7.6    | 8.8    | 7.2    | 11.9   |
| 9  | Klorin bebas                | 0.03  | mg/L       | 0.03   | 0.08   | 0.03   | 0.03   |
| 10 | Nitrat (NO <sub>3</sub> -N) | 10    | mg/L       | 1.3    | 1.1    | 0.9    | 1.3    |
| 11 | Nitrit                      | 0.06  | mg/L       | 0.01   | 0.01   | 0.01   | 0.02   |
| 12 | Fluorida                    | 1.5   | mg/L       | 0.1    | 0.2    | 0.3    | 0.1    |
| 13 | Sulfat                      | (-)   | mg/L       | 40     | 40     | 33     | 3.3    |
| 14 | Sulfida (H <sub>2</sub> S)  | 0.002 | mg/L       | 0.123  | 0.026  | 0.001  | 0.009  |
| 15 | Amoniak                     | (-)   | mg/L       | 0.01   | 0.01   | 0.001  | 0.01   |
| 16 | Permanganat                 | (-)   | mg/L       | 5.7    | 10.7   | 5.4    | 4.7    |
| 17 | Deterjen                    | 200   | mg/L       | 173    | 99     | 118    | 98     |
| 18 | Fenol                       | 1     | mg/L       | 118    | 289    | 325    | 469    |
| 19 | Fosfat (PO <sub>4</sub> )   | 0.2   | mg/L       | 0.04   | 0.04   | 0.03   | 0.01   |
| 20 | Sianida (CN)                | 0.02  | mg/L       | 0.004  | 0.005  | 0.005  | 0.007  |
| 21 | Minyak & lemak              | 1000  | µg/L       | 0      | 0      | 2000   | 2000   |
| 22 | Besi                        | (-)   | mg/L       | 0.33   | 0.15   | 0.18   | 0.19   |
| 23 | Mangan                      | (-)   | mg/L       | 0.02   | 0.01   | 0.02   | 0.02   |
| 24 | Kadmium (Cd)                | 0.01  | mg/L       | 0.04   | 0.05   | 0.03   | 0.01   |
| 25 | Seng (Zn)                   | 0.05  | mg/L       | 0.05   | 0.05   | 0.04   | 0.001  |
| 26 | Krom heksavalen             | 0.05  | mg/L       | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 27 | Tembaga (Cu)                | 0.02  | mg/L       | 0.02   | 0.01   | 0.01   | 0.01   |
| 28 | Salinitas                   | (-)   | ‰          | 0.1    | 0.1    | 0.1    | 0.2    |
| 29 | Warna                       | 100   | mg/L       | 7.4    | 5.8    | 4.4    | 12.1   |
| 30 | Boron                       | 1     | mg/L       | 0.1    | 0.1    | 0.06   | 0.1    |
| 31 | Timbal (Pb)                 | 0.03  | mg/L       | 0.1    | 0.07   | 0.08   | 0.06   |
| 32 | Bakteri Koli Tinja          | 1000  | JPT/100 mL | 4000   | 9000   | 4000   | 15000  |
| 33 | Bakteri Total Koli          | 5000  | JPT/100 mL | 4000   | 9000   | 4000   | 15000  |

Lokasi : Sungai Kuning (Lanjutan)  
Tahun Data : 2013

| No     | Parameter   | Baku Mutu | Satuan | Lokasi Sampling |          |           |        |
|--------|-------------|-----------|--------|-----------------|----------|-----------|--------|
|        |             |           |        | 1               | 2        | 3         | 4      |
| (1)    | (2)         | (3)       | (4)    | (5)             | (6)      | (7)       | (8)    |
| Sungai | Nama Lokasi |           |        | Pakem           | Ngemplak | Sorogenen | Kuning |

| Kuning | Koordinat                   |       |            | S : 07<br>40' 50.3"  | S : 07 46'<br>14.41"  | S : 07 47'<br>00.59"  | S : 07 51'<br>05.8"  |
|--------|-----------------------------|-------|------------|----------------------|-----------------------|-----------------------|----------------------|
|        |                             |       |            | E : 110<br>20' 20.7" | E : 110<br>26' 33.38" | E : 110<br>26' 21.75" | E : 110<br>25' 47.0" |
|        | Waktu Pemantauan            |       |            | Sep 2013             | Sep 2013              | Sep 2013              | Sep 2013             |
| 1      | Suhu                        | ± 3°C | °C         | 25.8                 | 27.3                  | 28.4                  | 28.2                 |
| 2      | pH                          | 6-8,5 | -          | 7.8                  | 7.3                   | 7.4                   | 7.1                  |
| 3      | Daya Hantar Listrik         | (-)   | mmhos/cm   | 300                  | 303                   | 372                   | 415                  |
| 4      | Residu Terlarut             | 1000  | mg/L       | 150                  | 151                   | 186                   | 208                  |
| 5      | Residu Tersuspensi          | 50    | mg/L       | 11                   | 14                    | 12                    | 14                   |
| 6      | Oksigen terlarut (DO)       | 5     | mg/L       | 7.4                  | 7.2                   | 6.6                   | 5.4                  |
| 7      | BOD <sub>5</sub>            | 3     | mg/L       | 4.03                 | 6.9                   | 8.8                   | 12.7                 |
| 8      | COD                         | 25    | mg/L       | 7.3                  | 12.2                  | 15.8                  | 23.8                 |
| 9      | Klorin bebas                | 0.03  | mg/L       | 0.01                 | 0.01                  | 0.01                  | 0.01                 |
| 10     | Nitrat (NO <sub>3</sub> -N) | 10    | mg/L       | 0.9                  | 0.2                   | 0.2                   | 0.2                  |
| 11     | Nitrit                      | 0.06  | mg/L       | 0.01                 | 0.003                 | 0.001                 | 0.04                 |
| 12     | Fluorida                    | 1.5   | mg/L       | 0.2                  | 0.0001                | 0.3                   | 0.0001               |
| 13     | Sulfat                      | (-)   | mg/L       | 37.1                 | 33.5                  | 58.8                  | 40.2                 |
| 14     | Sulfida (H <sub>2</sub> S)  | 0.002 | mg/L       | 0.01                 | 0.399                 | 0.414                 | 0.002                |
| 15     | Amoniak                     | (-)   | mg/L       | 0.18                 | 0.22                  | 0.13                  | 0.18                 |
| 16     | Permanganat                 | (-)   | mg/L       | 2.1                  | 1.2                   | 2.8                   | 1.9                  |
| 17     | Deterjen                    | 200   | mg/L       | 38.8                 | 29.3                  | 30.8                  | 18                   |
| 18     | Fenol                       | 1     | mg/L       | 0.1                  | 0.1                   | 0.1                   | 0.1                  |
| 19     | Fosfat (PO <sub>4</sub> )   | 0.2   | mg/L       | 0.1                  | 0.1                   | 0.1                   | 0.1                  |
| 20     | Sianida (CN)                | 0.02  | mg/L       | 0.001                | 0.021                 | 0.008                 | 0.003                |
| 21     | Minyak & lemak              | 1000  | µg/L       | 0                    | 0                     | 2000                  | 1000                 |
| 22     | Besi                        | (-)   | mg/L       | 0.17                 | 0.13                  | 0.08                  | 0.09                 |
| 23     | Mangan                      | (-)   | mg/L       | 0.03                 | 0.03                  | 0.04                  | 0.04                 |
| 24     | Kadmium (Cd)                | 0.01  | mg/L       | 0.01                 | 0.004                 | 0.001                 | 0.001                |
| 25     | Seng (Zn)                   | 0.05  | mg/L       | 0.02                 | 0.02                  | 0.01                  | 0.01                 |
| 26     | Krom heksavalen             | 0.05  | mg/L       | 0.05                 | 0.03                  | 0.03                  | 0.04                 |
| 27     | Tembaga (Cu)                | 0.02  | mg/L       | 0.01                 | 0.01                  | 0.01                  | 0.03                 |
| 28     | Salinitas                   | (-)   | ‰          | 0.2                  | 0.2                   | 0.2                   | 0.2                  |
| 29     | Wama                        | 100   | mg/L       | 4.6                  | 0.9                   | 2.4                   | 1.4                  |
| 30     | Boron                       | 1     | mg/L       | 0.2                  | 0.2                   | 0.2                   | 0.2                  |
| 31     | Timbal (Pb)                 | 0.03  | mg/L       | 0.2                  | 0.21                  | 0.17                  | 0.25                 |
| 32     | Bakteri Koli Tinja          | 1000  | JPT/100 mL | 9000                 | 43000                 | 23000                 | 23000                |
| 33     | Bakteri Total Koli          | 5000  | JPT/100 mL | 23000                | 43000                 | 93000                 | 43000                |

Lokasi : Sungai Oyo  
Tahun Data : 2013

| No         | Parameter                   | Baku Mutu | Satuan   | Lokasi Sampling      |                      |                      |                      |
|------------|-----------------------------|-----------|----------|----------------------|----------------------|----------------------|----------------------|
|            |                             |           |          | 1                    | 2                    | 3                    | 4                    |
| (1)        | (2)                         | (3)       | (4)      | (5)                  | (6)                  | (7)                  | (8)                  |
| Sungai Oyo | Nama Lokasi                 |           |          | Semin                | Patuk                | Dingu                | Siluk                |
|            | Koordinat                   |           |          | S : 07 51'<br>44.0"  | S : 07 53'<br>28.1"  | S : 07 55'<br>29.7"  | S : 07 57'<br>06.6"  |
|            |                             |           |          | E : 110 44'<br>15.0" | E : 110 32'<br>50.4" | E : 110 29'<br>28.2" | E : 110 22'<br>48.5" |
|            | Waktu Pemantauan            |           |          | Feb 2013             | Feb 2013             | Feb 2013             | Feb 2013             |
| 1          | Suhu                        | ± 3°C     | °C       | 26.9                 | 28.4                 | 28.3                 | 29.3                 |
| 2          | pH                          | 6-8,5     | -        | 6.5                  | 7.1                  | 7.1                  | 7.6                  |
| 3          | Daya Hantar Listrik         | (-)       | mmhos/cm | 135                  | 190                  | 195                  | 256                  |
| 4          | Residu Terlarut             | 1000      | mg/L     | 64                   | 89                   | 92                   | 122                  |
| 5          | Residu Tersuspensi          | 50        | mg/L     | 35                   | 33                   | 32                   | 27                   |
| 6          | Oksigen terlarut (DO)       | 5         | mg/L     | 6.1                  | 4.3                  | 7.7                  | 7.1                  |
| 7          | BOD <sub>5</sub>            | 3         | mg/L     | 14.4                 | 5.5                  | 5.5                  | 7.5                  |
| 8          | COD                         | 25        | mg/L     | 19.2                 | 14.6                 | 14.7                 | 15.5                 |
| 9          | Klorin bebas                | 0.03      | mg/L     | 0.39                 | 0.34                 | 0.49                 | 0.44                 |
| 10         | Nitrat (NO <sub>3</sub> -N) | 10        | mg/L     | 0.2                  | 0.4                  | 0.4                  | 0.8                  |
| 11         | Nitrit                      | 0.06      | mg/L     | 0.04                 | 0.02                 | 0.02                 | 0.02                 |
| 12         | Fluorida                    | 1.5       | mg/L     | 0.001                | 0.001                | 0.001                | 0.006                |
| 13         | Sulfat                      | (-)       | mg/L     | 10                   | 0.3                  | 8                    | 0.3                  |
| 14         | Sulfida (H <sub>2</sub> S)  | 0.002     | mg/L     | 0.045                | 0.041                | 0.085                | 0.046                |
| 15         | Amoniak                     | (-)       | mg/L     | 0.26                 | 0.51                 | 0.17                 | 0.22                 |
| 16         | Permanganat                 | (-)       | mg/L     | 11.8                 | 17.3                 | 9.3                  | 7.4                  |
| 17         | Deterjen                    | 200       | mg/L     | 108                  | 288                  | 90                   | 747                  |
| 18         | Fenol                       | 1         | mg/L     | 0.1                  | 0.1                  | 0.1                  | 0.1                  |
| 19         | Fosfat (PO <sub>4</sub> )   | 0.2       | mg/L     | 0.05                 | 0.07                 | 0.09                 | 0.06                 |
| 20         | Sianida (CN)                | 0.02      | mg/L     | 0.02                 | 0.001                | 0.013                | 0.001                |
| 21         | Minyak & lemak              | 1000      | µg/L     | 500                  | 500                  | 1000                 | 1000                 |
| 22         | Besi                        | (-)       | mg/L     | 0.3                  | 0.2                  | 0.08                 | 0.3                  |
| 23         | Mangan                      | (-)       | mg/L     | 0.4                  | 0.08                 | 0.5                  | 0.4                  |
| 24         | Kadmium (Cd)                | 0.01      | mg/L     | 0.009                | 0.2                  | 0.1                  | 0.1                  |
| 25         | Seng (Zn)                   | 0.05      | mg/L     | 0.009                | 0.04                 | 0.04                 | 0.01                 |
| 26         | Krom heksavalen             | 0.05      | mg/L     | 0.006                | 0.02                 | 0.01                 | 0.008                |
| 27         | Tembaga (Cu)                | 0.02      | mg/L     | 0.04                 | 0.07                 | 0.03                 | 0.03                 |
| 28         | Salinitas                   | (-)       | ‰        | 0.1                  | 0.1                  | 0.1                  | 0.1                  |
| 29         | Warna                       | 100       | mg/L     | 80.4                 | 47.8                 | 34.1                 | 17.4                 |
| 30         | Boron                       | 1         | mg/L     | 0.1                  | 0.2                  | 0.2                  | 0.3                  |

|    |                    |      |            |        |       |        |        |
|----|--------------------|------|------------|--------|-------|--------|--------|
| 31 | Timbal (Pb)        | 0.03 | mg/L       | 0.18   | 0.02  | 0.06   | 0.05   |
| 32 | Bakteri Koli Tinja | 1000 | JPT/100 mL | 93000  | 15000 | 93000  | 23000  |
| 33 | Bakteri Total Koli | 5000 | JPT/100 mL | 240000 | 43000 | 240000 | 150000 |

Lokasi : Sungai Oyo (Lanjutan)

Tahun Data : 2013

| No         | Parameter                   | Baku Mutu | Satuan   | Lokasi Sampling      |                      |                      |                      |
|------------|-----------------------------|-----------|----------|----------------------|----------------------|----------------------|----------------------|
|            |                             |           |          | 1                    | 2                    | 3                    | 4                    |
| (1)        | (2)                         | (3)       | (4)      | (5)                  | (6)                  | (7)                  | (8)                  |
| Sungai Oyo | Nama Lokasi                 |           |          | Semin                | Patuk                | Dingu                | Siluk                |
|            | Koordinat                   |           |          | S : 07 51'<br>44.0"  | S : 07 53'<br>28.1"  | S : 07 55'<br>29.7"  | S : 07 57'<br>06.6"  |
|            |                             |           |          | E : 110 44'<br>15.0" | E : 110 32'<br>50.4" | E : 110 29'<br>28.2" | E : 110 22'<br>48.5" |
|            | Waktu Pemantauan            |           |          | Mei 2013             | Mei 2013             | Mei 2013             | Mei 2013             |
| 1          | Suhu                        | ± 3°C     | °C       | 27.5                 | 28.7                 | 26.9                 | 29.7                 |
| 2          | pH                          | 6-8,5     | -        | 6.7                  | 7                    | 7.3                  | 7.5                  |
| 3          | Daya Hantar Listrik         | (-)       | mmhos/cm | 115                  | 168                  | 144                  | 186                  |
| 4          | Residu Terlarut             | 1000      | mg/L     | 54                   | 79                   | 68                   | 86                   |
| 5          | Residu Tersuspensi          | 50        | mg/L     | 29                   | 37                   | 47                   | 50                   |
| 6          | Oksigen terlarut (DO)       | 5         | mg/L     | 7                    | 7.4                  | 7                    | 6.6                  |
| 7          | BOD <sub>5</sub>            | 3         | mg/L     | 6.1                  | 6.1                  | 5.1                  | 7.1                  |
| 8          | COD                         | 25        | mg/L     | 13.6                 | 15.6                 | 10.9                 | 14.3                 |
| 9          | Klorin bebas                | 0.03      | mg/L     | 0.02                 | 0.06                 | 0.14                 | 0.06                 |
| 10         | Nitrat (NO <sub>3</sub> -N) | 10        | mg/L     | 0.5                  | 0.5                  | 0.3                  | 0.2                  |
| 11         | Nitrit                      | 0.06      | mg/L     | 0.03                 | 0.04                 | 0.03                 | 0.03                 |
| 12         | Fluorida                    | 1.5       | mg/L     | 0.0001               | 0.0001               | 0.0001               | 0.0001               |
| 13         | Sulfat                      | (-)       | mg/L     | 34                   | 22                   | 53                   | 36                   |
| 14         | Sulfida (H <sub>2</sub> S)  | 0.002     | mg/L     | 0.143                | 0.122                | 0.014                | 0.013                |
| 15         | Amoniak                     | (-)       | mg/L     | 0.01                 | 0.01                 | 0.35                 | 0.13                 |
| 16         | Permanganat                 | (-)       | mg/L     | 15.8                 | 11.1                 | 11.1                 | 9.5                  |
| 17         | Deterjen                    | 200       | mg/L     | 73                   | 92                   | 66                   | 100                  |
| 18         | Fenol                       | 1         | mg/L     | 692                  | 215                  | 406                  | 558                  |
| 19         | Fosfat (PO <sub>4</sub> )   | 0.2       | mg/L     | 0.3                  | 0.9                  | 0.2                  | 0.1                  |
| 20         | Sianida (CN)                | 0.02      | mg/L     | 0.004                | 0.001                | 0.001                | 0.001                |
| 21         | Minyak & lemak              | 1000      | µg/L     | 500                  | 500                  | 500                  | 500                  |
| 22         | Besi                        | (-)       | mg/L     | 1.79                 | 1.16                 | 0.6                  | 0.31                 |
| 23         | Mangan                      | (-)       | mg/L     | 0.12                 | 0.03                 | 0.02                 | 0.03                 |
| 24         | Kadmium (Cd)                | 0.01      | mg/L     | 0.03                 | 0.02                 | 0.02                 | 0.01                 |
| 25         | Seng (Zn)                   | 0.05      | mg/L     | 0.03                 | 0.02                 | 0.01                 | 0.01                 |

| No  | Parameter          | Baku Mutu | Satuan     | Lokasi Sampling |       |      |       |
|-----|--------------------|-----------|------------|-----------------|-------|------|-------|
|     |                    |           |            | 1               | 2     | 3    | 4     |
| (1) | (2)                | (3)       | (4)        | (5)             | (6)   | (7)  | (8)   |
| 26  | Krom heksavalen    | 0.05      | mg/L       | 0.034           | 0.013 | 0.01 | 0.026 |
| 27  | Tembaga (Cu)       | 0.02      | mg/L       | 0.02            | 0.02  | 0.03 | 0.04  |
| 28  | Salinitas          | (-)       | ‰          | 0.1             | 0.1   | 0.1  | 0.1   |
| 29  | Warna              | 100       | mg/L       | 43.8            | 24.6  | 25.3 | 43.9  |
| 30  | Boron              | 1         | mg/L       | 0.2             | 0.3   | 0.2  | 0.3   |
| 31  | Timbal (Pb)        | 0.03      | mg/L       | 0.001           | 0.001 | 0.01 | 0.01  |
| 32  | Bakteri Koli Tinja | 1000      | JPT/100 mL | 3000            | 11000 | 4000 | 23000 |
| 33  | Bakteri Total Koli | 5000      | JPT/100 mL | 4000            | 21000 | 4000 | 43000 |

**Lokasi : Sungai Oyo (Lanjutan)**  
**Tahun Data : 2013**

| No         | Parameter                   | Baku Mutu | Satuan   | Lokasi Sampling     |                     |                     |                     |
|------------|-----------------------------|-----------|----------|---------------------|---------------------|---------------------|---------------------|
|            |                             |           |          | 1                   | 2                   | 3                   | 4                   |
| (1)        | (2)                         | (3)       | (4)      | (5)                 | (6)                 | (7)                 | (8)                 |
| Sungai Oyo | Nama Lokasi                 |           |          | Semin               | Patuk               | Dlingu              | Siluk               |
|            | Koordinat                   |           |          | S: 07 51'<br>44.0"  | S: 07 53'<br>28.1"  | S: 07 55'<br>29.7"  | S: 07 57'<br>06.6"  |
|            |                             |           |          | E: 110 44'<br>15.0" | E: 110 32'<br>50.4" | E: 110 29'<br>28.2" | E: 110 22'<br>48.5" |
|            | Waktu Pemantauan            |           |          | Sep 2013            | Sep 2013            | Sep 2013            | Sep 2013            |
| 1          | Suhu                        | ± 3°C     | °C       | 28.1                | 29.8                | 30                  | 29.7                |
| 2          | pH                          | 6-8,5     | -        | 8.1                 | 8.064               | 8.3                 | 7.5                 |
| 3          | Daya Hantar Listrik         | (-)       | mmhos/cm | 385                 | 390                 | 415                 | 186                 |
| 4          | Residu Terlarut             | 1000      | mg/L     | 192                 | 195                 | 208                 | 86                  |
| 5          | Residu Tersuspensi          | 50        | mg/L     | 21                  | 29                  | 32                  | 50                  |
| 6          | Oksigen terlarut (DO)       | 5         | mg/L     | 7.8                 | 7.6                 | 10.6                | 6.6                 |
| 7          | BOD <sub>5</sub>            | 3         | mg/L     | 9.8                 | 9.72                | 14.3                | 7.1                 |
| 8          | COD                         | 25        | mg/L     | 18.3                | 18.25               | 28.6                | 14.3                |
| 9          | Klorin bebas                | 0.03      | mg/L     | 0.01                | 0.3                 | 0.01                | 0.06                |
| 10         | Nitrat (NO <sub>3</sub> -N) | 10        | mg/L     | 0.0001              | 0.002               | 0.1                 | 0.2                 |
| 11         | Nitrit                      | 0.06      | mg/L     | 0.001               | 0.004               | 0.01                | 0.03                |
| 12         | Fluorida                    | 1.5       | mg/L     | 0.0001              | 0.0001              | 0.0001              | 0.0001              |
| 13         | Sulfat                      | (-)       | mg/L     | 31.9                | 19.7                | 19.8                | 36                  |
| 14         | Sulfida (H <sub>2</sub> S)  | 0.002     | mg/L     | 0.001               | 0.015               | 0.001               | 0.013               |
| 15         | Amoniak                     | (-)       | mg/L     | 0.39                | 0.52                | 0.58                | 0.13                |
| 16         | Permanganat                 | (-)       | mg/L     | 6.9                 | 3.7                 | 1.9                 | 9.5                 |
| 17         | Deterjen                    | 200       | mg/L     | 58.3                | 72.6                | 84.6                | 100                 |

| No  | Parameter                 | Baku Mutu | Satuan     | Lokasi Sampling |        |        |       |
|-----|---------------------------|-----------|------------|-----------------|--------|--------|-------|
|     |                           |           |            | 1               | 2      | 3      | 4     |
| (1) | (2)                       | (3)       | (4)        | (5)             | (6)    | (7)    | (8)   |
| 18  | Fenol                     | 1         | mg/L       | 0.1             | 12.8   | 0.1    | 558   |
| 19  | Fosfat (PO <sub>4</sub> ) | 0.2       | mg/L       | 0.02            | 0.0007 | 0.0001 | 0.1   |
| 20  | Sianida (CN)              | 0.02      | mg/L       | 0.001           | 0.001  | 0.001  | 0.001 |
| 21  | Minyak & lemak            | 1000      | µg/L       | 0               | 500    | 500    | 500   |
| 22  | Besi                      | (-)       | mg/L       | 0.001           | 0.003  | 0.01   | 0.31  |
| 23  | Mangan                    | (-)       | mg/L       | 0.02            | 0.02   | 0.02   | 0.03  |
| 24  | Kadmium (Cd)              | 0.01      | mg/L       | 0.001           | 0.001  | 0.001  | 0.01  |
| 25  | Seng (Zn)                 | 0.05      | mg/L       | 0.02            | 0.001  | 0.02   | 0.01  |
| 26  | Krom heksavalen           | 0.05      | mg/L       | 0.02            | 0.02   | 0.04   | 0.026 |
| 27  | Tembaga (Cu)              | 0.02      | mg/L       | 0.03            | 0.03   | 0.03   | 0.04  |
| 28  | Salinitas                 | (-)       | ‰          | 0.2             | 0.2    | 0.2    | 0.1   |
| 29  | Warna                     | 100       | mg/L       | 5.6             | 1.9    | 1.5    | 43.9  |
| 30  | Boron                     | 1         | mg/L       | 0.09            | 0.05   | 0.09   | 0.3   |
| 31  | Timbal (Pb)               | 0.03      | mg/L       | 0.04            | 0.02   | 0.08   | 0.01  |
| 32  | Bakteri Koli Tinja        | 1000      | JPT/100 mL | 23000           | 23000  | 23000  | 23000 |
| 33  | Bakteri Total Koli        | 5000      | JPT/100 mL | 43000           | 150000 | 93000  | 43000 |

## Lokasi : Sungai Oyo (Lanjutan)

Tahun Data : 2013

| No         | Parameter             | Baku Mutu | Satuan   | Lokasi Sampling  |                  |                   |                  |
|------------|-----------------------|-----------|----------|------------------|------------------|-------------------|------------------|
|            |                       |           |          | 1                | 2                | 3                 | 4                |
| (1)        | (2)                   | (3)       | (4)      | (5)              | (6)              | (7)               | (8)              |
| Sungai Oyo | Nama Lokasi           |           |          | Ngaglik          | Jayakarta        | Sekarsuli         | Baturetno        |
|            | Koordinat             |           |          | S: 07 44' 03.3"  | S: 07 47' 00.4"  | S: 07 49' 18.17"  | S: 07 51' 05.8"  |
|            |                       |           |          | E: 110 24' 32.9" | E: 110 25' 08.8" | E: 110 25' 22.35" | E: 110 25' 47.0" |
|            | Waktu Pemantauan      |           |          | Feb2013          | Feb2013          | Feb2013           | Feb2013          |
| 1          | Suhu                  | ± 3°C     | °C       | 26.5             | 28.7             | 28.7              | 28.6             |
| 2          | pH                    | 6-8,5     | -        | 6.8              | 6.6              | 6.7               | 6.9              |
| 3          | Daya Hantar Listrik   | (-)       | mmhos/cm | 272              | 278              | 295               | 304              |
| 4          | Residu Terlarut       | 1000      | mg/L     | 136              | 139              | 147               | 152              |
| 5          | Residu Tersuspensi    | 50        | mg/L     | 9                | 27               | 25                | 27               |
| 6          | Oksigen terlarut (DO) | 5         | mg/L     | 6.5              | 5.9              | 6.3               | 4.9              |
| 7          | BOD <sub>5</sub>      | 3         | mg/L     | 1.9              | 4.7              | 4.8               | 4.7              |
| 8          | COD                   | 25        | mg/L     | 9.6              | 17.1             | 14.9              | 16.8             |
| 9          | Klorin bebas          | 0.03      | mg/L     | 1.55             | 0.39             | 0.18              | 0.22             |

|    |                             |       |            |         |         |         |         |
|----|-----------------------------|-------|------------|---------|---------|---------|---------|
| 10 | Nitrat (NO <sub>3</sub> -N) | 10    | mg/L       | 1.5     | 2.1     | 1.9     | 1.8     |
| 11 | Nitrit                      | 0.06  | mg/L       | 0.03    | 0.02    | 0.02    | 0.03    |
| 12 | Fluorida                    | 1.5   | mg/L       | 0.002   | 0.2     | 0.7     | 0.2     |
| 13 | Sulfat                      | (-)   | mg/L       | 17      | 1       | 10      | 16      |
| 14 | Sulfida (H <sub>2</sub> S)  | 0.002 | mg/L       | 0.045   | 0.041   | 0.085   | 0.046   |
| 15 | Amoniak                     | (-)   | mg/L       | 0.1     | 0.18    | 0.12    | 0.7     |
| 16 | Permanganat                 | (-)   | mg/L       | 5.6     | 8.7     | 7.1     | 7.4     |
| 17 | Deterjen                    | 200   | mg/L       | 112     | 49      | 79      | 68      |
| 18 | Fenol                       | 1     | mg/L       | 0.1     | 0.1     | 0.1     | 0.1     |
| 19 | Fosfat (PO <sub>4</sub> )   | 0.2   | mg/L       | 0.07    | 0.07    | 0.09    | 0.1     |
| 20 | Sianida (CN)                | 0.02  | mg/L       | 0.001   | 0.001   | 0.001   | 0.001   |
| 21 | Minyak & lemak              | 1000  | µg/L       | 500     | 1000    | 1000    | 1000    |
| 22 | Besi                        | (-)   | mg/L       | 0.05    | 0.04    | 0.05    | 0.2     |
| 23 | Mangan                      | (-)   | mg/L       | 0.2     | 0.2     | 0.1     | 0.05    |
| 24 | Kadmium (Cd)                | 0.01  | mg/L       | 0.08    | 0.07    | 0.06    | 0.08    |
| 25 | Seng (Zn)                   | 0.05  | mg/L       | 0.02    | 0.05    | 0.04    | 0.02    |
| 26 | Krom heksavalen             | 0.05  | mg/L       | 0.01    | 0.008   | 0.01    | 0.007   |
| 27 | Tembaga (Cu)                | 0.02  | mg/L       | 0.05    | 0.04    | 0.05    | 0.04    |
| 28 | Salinitas                   | (-)   | ‰          | 0.1     | 0.1     | 0.1     | 0.1     |
| 29 | Warna                       | 100   | mg/L       | 23.9    | 75.5    | 9.8     | 54.9    |
| 30 | Boron                       | 1     | mg/L       | 0.02    | 0.0001  | 0.05    | 0.06    |
| 31 | Timbal (Pb)                 | 0.03  | mg/L       | 0.3     | 0.19    | 0.13    | 0.05    |
| 32 | Bakteri Koli Tinja          | 1000  | JPT/100 mL | 460000  | 1100000 | 150000  | 460000  |
| 33 | Bakteri Total Koli          | 5000  | JPT/100 mL | 2400000 | 1100000 | 2400000 | 2400000 |

Lokasi : Sungai Oyo (Lanjutan)  
Tahun Data : 2013

| No         | Parameter           | Baku Mutu | Satuan   | Lokasi Sampling  |                  |                   |                  |
|------------|---------------------|-----------|----------|------------------|------------------|-------------------|------------------|
|            |                     |           |          | 1                | 2                | 3                 | 4                |
| (1)        | (2)                 | (3)       | (4)      | (5)              | (6)              | (7)               | (8)              |
| Sungai Oyo | Nama Lokasi         |           |          | Ngaglik          | Jayakarta        | Sekarsuli         | Baturetno        |
|            | Koordinat           |           |          | S: 07 44' 03.3"  | S: 07 47' 00.4"  | S: 07 49' 18.17"  | S: 07 51' 05.8"  |
|            |                     |           |          | E: 110 24' 32.9" | E: 110 25' 08.8" | E: 110 25' 22.35" | E: 110 25' 47.0" |
|            | Waktu Pemantauan    |           |          | Mei 2013         | Mei 2013         | Mei 2013          | Mei 2013         |
| 1          | Suhu                | ± 3°C     | °C       | 27.3             | 28.9             | 28.6              | 28.8             |
| 2          | pH                  | 6-8,5     | -        | 8.6              | 7.7              | 7.4               | 8                |
| 3          | Daya Hantar Listrik | (-)       | mmhos/cm | 300              | 338              | 353               | 369              |
| 4          | Residu Terlarut     | 1000      | mg/L     | 150              | 109              | 177               | 185              |

|    |                             |       |            |        |        |        |        |
|----|-----------------------------|-------|------------|--------|--------|--------|--------|
| 5  | Residu Tersuspensi          | 50    | mg/L       | 10     | 23     | 25     | 15     |
| 6  | Oksigen terlarut (DO)       | 5     | mg/L       | 5.1    | 5.5    | 6.4    | 6.4    |
| 7  | BOD <sub>5</sub>            | 3     | mg/L       | 5.9    | 5.9    | 4.9    | 4.9    |
| 8  | COD                         | 25    | mg/L       | 14.5   | 12.7   | 7.4    | 6.5    |
| 9  | Klorin bebas                | 0.03  | mg/L       | 0.01   | 0.34   | 0.08   | 0.28   |
| 10 | Nitrat (NO <sub>3</sub> -N) | 10    | mg/L       | 1      | 1.3    | 1.3    | 0.3    |
| 11 | Nitrit                      | 0.06  | mg/L       | 0.13   | 0.01   | 0.01   | 0.004  |
| 12 | Fluorida                    | 1.5   | mg/L       | 0.2    | 0.1    | 0.1    | 0.2    |
| 13 | Sulfat                      | (-)   | mg/L       | 26     | 33     | 35     | 34     |
| 14 | Sulfida (H <sub>2</sub> S)  | 0.002 | mg/L       | 0.02   | 0.024  | 0.026  | 0.03   |
| 15 | Amoniak                     | (-)   | mg/L       | 0.01   | 0.01   | 0.01   | 0.01   |
| 16 | Pemanganat                  | (-)   | mg/L       | 3.8    | 7      | 5.4    | 5.7    |
| 17 | Deterjen                    | 200   | mg/L       | 22     | 12     | 15     | 15     |
| 18 | Fenol                       | 1     | mg/L       | 567    | 164    | 343    | 442    |
| 19 | Fosfat (PO <sub>4</sub> )   | 0.2   | mg/L       | 0.2    | 0.03   | 0.03   | 0.03   |
| 20 | Sianida (CN)                | 0.02  | mg/L       | 0.001  | 0.001  | 0.001  | 0.005  |
| 21 | Minyak & lemak              | 1000  | µg/L       | 0      | 2000   | 1500   | 0      |
| 22 | Besi                        | (-)   | mg/L       | 0.15   | 0.16   | 0.16   | 0.16   |
| 23 | Mangan                      | (-)   | mg/L       | 0.03   | 0.03   | 0.03   | 0.04   |
| 24 | Kadmium (Cd)                | 0.01  | mg/L       | 0.03   | 0.02   | 0.04   | 0.03   |
| 25 | Seng (Zn)                   | 0.05  | mg/L       | 0.04   | 0.03   | 0.01   | 0.01   |
| 26 | Krom heksavalen             | 0.05  | mg/L       | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 27 | Tembaga (Cu)                | 0.02  | mg/L       | 0.001  | 0.06   | 0.06   | 0.05   |
| 28 | Salinitas                   | (-)   | ‰          | 0.1    | 0.1    | 0.1    | 0.1    |
| 29 | Warna                       | 100   | mg/L       | 8.3    | 8.6    | 6.7    | 7.1    |
| 30 | Boron                       | 1     | mg/L       | 0.1    | 0.1    | 0.1    | 0.1    |
| 31 | Timbal (Pb)                 | 0.03  | mg/L       | 0.06   | 0.08   | 0.04   | 0.02   |
| 32 | Bakteri Koli Tinja          | 1000  | JPT/100 mL | 9000   | 9000   | 23000  | 9000   |
| 33 | Bakteri Total Koli          | 5000  | JPT/100 mL | 46000  | 23000  | 43000  | 23000  |

Lokasi : Sungai Oyo (Lanjutan)  
Tahun Data : 2013

| No         | Parameter        | Baku Mutu | Satuan | Lokasi Sampling   |                   |                    |                   |
|------------|------------------|-----------|--------|-------------------|-------------------|--------------------|-------------------|
|            |                  |           |        | 1                 | 2                 | 3                  | 4                 |
| (1)        | (2)              | (3)       | (4)    | (5)               | (6)               | (7)                | (8)               |
| Sungai Oyo | Nama Lokasi      |           |        | Ngaglik           | Jayakarta         | Sekarsuli          | Baturetno         |
|            | Koordinat        |           |        | S : 07 44' 03.3"  | S : 07 47' 00.4"  | S : 07 49' 18.17"  | S : 07 51' 05.8"  |
|            |                  |           |        | E : 110 24' 32.9" | E : 110 25' 08.8" | E : 110 25' 22.35" | E : 110 25' 47.0" |
|            | Waktu Pemantauan |           |        | Sep 2013          | Sep 2013          | Sep 2013           | Sep 2013          |

| No  | Parameter                   | Baku Mutu | Satuan     | Lokasi Sampling |        |        |        |
|-----|-----------------------------|-----------|------------|-----------------|--------|--------|--------|
|     |                             |           |            | 1               | 2      | 3      | 4      |
| (1) | (2)                         | (3)       | (4)        | (5)             | (6)    | (7)    | (8)    |
| 1   | Suhu                        | ± 3°C     | °C         | 26.3            | 28     | 28     | 28.5   |
| 2   | pH                          | 6-8,5     | -          | 7.2             | 6.6    | 6.3    | 6.5    |
| 3   | Daya Hantar Listrik         | (-)       | mmhos/cm   | 337             | 387    | 429    | 408    |
| 4   | Residu Terlarut             | 1000      | mg/L       | 159             | 184    | 204    | 194    |
| 5   | Residu Tersuspensi          | 50        | mg/L       | 8               | 17     | 19     | 22     |
| 6   | Oksigen terlarut (DO)       | 5         | mg/L       | 5.6             | 6.6    | 7.2    | 7      |
| 7   | BOD <sub>5</sub>            | 3         | mg/L       | 4.9             | 7.9    | 13.6   | 9.8    |
| 8   | COD                         | 25        | mg/L       | 10.6            | 15.6   | 26.3   | 19.4   |
| 9   | Klorin bebas                | 0.03      | mg/L       | 0.01            | 0.01   | 0.01   | 0.01   |
| 10  | Nitrat (NO <sub>3</sub> -N) | 10        | mg/L       | 0.02            | 0.0001 | 0.1    | 0.1    |
| 11  | Nitrit                      | 0.06      | mg/L       | 0.03            | 0.1    | 0.03   | 0.08   |
| 12  | Fluorida                    | 1.5       | mg/L       | 0.0001          | 0.001  | 0.0001 | 0.001  |
| 13  | Sulfat                      | (-)       | mg/L       | 28.9            | 36.3   | 32.2   | 35.7   |
| 14  | Sulfida (H <sub>2</sub> S)  | 0.002     | mg/L       | 0.001           | 0.001  | 0.11   | 0.003  |
| 15  | Amoniak                     | (-)       | mg/L       | 0.22            | 0.25   | 0.18   | 0.12   |
| 16  | Pemanganat                  | (-)       | mg/L       | 1.2             | 2.5    | 2.2    | 2.5    |
| 17  | Deterjen                    | 200       | mg/L       | 47.9            | 8.7    | 26.3   | 29.2   |
| 18  | Fenol                       | 1         | mg/L       | 0.1             | 0.1    | 0.1    | 5      |
| 19  | Fosfat (PO <sub>4</sub> )   | 0.2       | mg/L       | 0.08            | 0.1    | 0.08   | 0.1    |
| 20  | Sianida (CN)                | 0.02      | mg/L       | 0.001           | 0.018  | 0.001  | 0.005  |
| 21  | Minyak & lemak              | 1000      | µg/L       | 0               | 1000   | 1000   | 2000   |
| 22  | Besi                        | (-)       | mg/L       | 0.14            | 0.16   | 0.17   | 0.18   |
| 23  | Mangan                      | (-)       | mg/L       | 0.04            | 0.03   | 0.05   | 0.04   |
| 24  | Kadmium (Cd)                | 0.01      | mg/L       | 0.01            | 0.004  | 0.11   | 0.01   |
| 25  | Seng (Zn)                   | 0.05      | mg/L       | 0.01            | 0.02   | 0.04   | 0.02   |
| 26  | Krom heksavalen             | 0.05      | mg/L       | 0.04            | 0.06   | 0.03   | 0.03   |
| 27  | Tembaga (Cu)                | 0.02      | mg/L       | 0.04            | 0.03   | 0.03   | 0.03   |
| 28  | Salinitas                   | (-)       | ‰          | 0.2             | 0.2    | 0.2    | 0.2    |
| 29  | Warna                       | 100       | mg/L       | 0.9             | 2.3    | 2.1    | 2.1    |
| 30  | Boron                       | 1         | mg/L       | 0.2             | 0.5    | 0.3    | 0.1    |
| 31  | Timbal (Pb)                 | 0.03      | mg/L       | 0.32            | 0.26   | 0.27   | 0.27   |
| 32  | Bakteri Koli Tinja          | 1000      | JPT/100 mL | 23000           | 9000   | 43000  | 93000  |
| 33  | Bakteri Total Koli          | 5000      | JPT/100 mL | 93000           | 43000  | 240000 | 150000 |

Sumber : BLH DIY

**Tabel SD-15 : Kualitas Air Danau/Situ/Embung**

Daerah Istimewa Yogyakarta

Tahun Data : 2013

| No              | Parameter          | Satuan        | Lokasi Sampling |               |                     |          |          |                       |                       |                       |              |                |               |               |                 |
|-----------------|--------------------|---------------|-----------------|---------------|---------------------|----------|----------|-----------------------|-----------------------|-----------------------|--------------|----------------|---------------|---------------|-----------------|
|                 |                    |               | 1               | 2             | 3                   | 4        | 5        | 6                     | 7                     | 8                     | 9            | 10             | 11            | 12            | 13              |
| (1)             | (2)                | (3)           | (4)             | (5)           | (6)                 | (7)      | (8)      | (9)                   | (10)                  | (11)                  | (12)         | (13)           | (14)          | (5)           | (16)            |
| Data Danau      | Nama Lokasi        |               | Telaga Bete     | Telaga Ngroyo | Pok Memben Wonosadi | Kalisong | Ngebel   | Telaga Gandu Panggang | Embung Patran         | Embung Tambakboyo     | Telaga Wurdu | Telaga Donmiri | Telaga Wotawa | Telaga Ngoman | Telaga Kemuning |
|                 | Koordinat          |               |                 |               |                     |          |          |                       |                       |                       |              |                |               |               |                 |
|                 | Waktu Pemantauan   |               | 2/7/2012        | 2/7/2012      | 2/7/2012            | 2/7/2012 | 2/7/2012 | 2/7/2012              | 8/10/2013             | 8/10/2013             |              |                |               |               |                 |
| FISIKA          |                    |               |                 |               |                     |          |          |                       |                       |                       |              |                |               |               |                 |
| 1               | Tempelatur         | °C            | 24.8            | 25.1          | 25.2                | 25.3     | 25.3     | 25.3                  | 31,900                | 31,300                | 27           | 26.9           | 27            | 26            | 26              |
| 2               | Residu Terlarut    | mg/L          | -               | -             | -                   | -        | -        | -                     | 169,000               | 161,000               | -            | -              | -             | -             | -               |
| 3               | Residu Tersuspensi | mg/L          | -               | -             | -                   | -        | -        | -                     | 48,000                | 38,000                | -            | -              | -             | -             | -               |
| KIMIA ANORGANIK |                    |               |                 |               |                     |          |          |                       |                       |                       |              |                |               |               |                 |
| 4               | pH                 |               | 7.03            | 7.23          | 7.45                | 7.87     | 7.17     | 6.98                  | 7,400                 | 8,500                 | 7.22         | 6.94           | 6.96          | 7.35          | 7.17            |
| 5               | DHL                | mg/L          | 136.95          | 208.58        | 310.75              | 270.37   | 451.28   | 226.63                |                       |                       | 596          | 500            | 647           | 184.2         | 455             |
| 6               | TDS                | mg/L          | 400             | 364           | 480                 | 436      | 496      | 208                   | 169,000               | 161,000               | 108          | 64             | 28            | 60            | 20              |
| 7               | TSS                | mg/L          | -               | -             | -                   | -        | -        | -                     | 48,000                | 38,000                | -            | -              | -             | -             | -               |
| 8               | DO                 | mg/L          | -               | -             | -                   | -        | -        | -                     | 6,000                 | 11,400                | -            | -              | -             | -             | -               |
| 9               | BOD                | mg/L          | -               | -             | -                   | -        | -        | -                     | 10,110                | 18,060                | -            | -              | -             | -             | -               |
| 10              | COD                | mg/L          | -               | -             | -                   | -        | -        | -                     | 20,670                | 40,580                | -            | -              | -             | -             | -               |
| 11              | NO <sub>2</sub>    | mg/L          | -               | -             | -                   | -        | -        | -                     | 0,190                 | 0,120                 | 0.042        | 0.009          | 0.009         | 0.0455        | 0.0009          |
| 12              | NO <sub>3</sub>    | mg/L          | 6.93            | 4.43          | 0.14                | 0,066    | 3.84     | 2.19                  | 0,830                 | 1,300                 | 0,066        | 0,066          | 0,066         | 0,066         | 3,676           |
| 13              | NH <sub>3</sub>    | mg/L          | 0.1             | 0.04          | 0.02                | 0.02     | 0.05     | 0.03                  | 0,01                  | 0,010                 | 0.0163       | 0.3013         | 0.2271        | 0.064         | 0.0453          |
| 14              | Klorin bebas       | mg/L          | -               | -             | -                   | -        | -        | -                     | 0,030                 | 0,060                 | -            | -              | -             | -             | -               |
| 15              | T-P                | mg/L          | -               | -             | -                   | -        | -        | -                     | 0,080                 | 0,020                 | -            | -              | -             | -             | -               |
| 16              | Fenol              | µg/L          | -               | -             | -                   | -        | -        | -                     | -                     | -                     | -            | -              | -             | -             | -               |
| 17              | Minyak dan Lemak   | µg/L          | -               | -             | -                   | -        | -        | -                     | -                     | -                     | -            | -              | -             | -             | -               |
| 18              | Detergen           | µg/L          | -               | -             | -                   | -        | -        | -                     | -                     | -                     | -            | -              | -             | -             | -               |
| 19              | Fecal coliform     | jumlah/100 ml | -               | -             | -                   | -        | -        | -                     | -                     | -                     | -            | -              | -             | -             | -               |
| 20              | Total coliform     | jumlah/100 ml | 1,100           | 460           | 11                  | 11,000   | 28       | 1,100                 | 2,4 x 10 <sup>6</sup> | 2,4 x 10 <sup>6</sup> | nihil        | nihil          | Nihil         | 14            | 14              |

| No  | Parameter        | Satuan | Lokasi Sampling |     |     |     |     |     |       |       |      |      |      |      |       |
|-----|------------------|--------|-----------------|-----|-----|-----|-----|-----|-------|-------|------|------|------|------|-------|
|     |                  |        | 1               | 2   | 3   | 4   | 5   | 6   | 7     | 8     | 9    | 10   | 11   | 12   | 13    |
| (1) | (2)              | (3)    | (4)             | (5) | (6) | (7) | (8) | (9) | (10)  | (11)  | (12) | (13) | (14) | (5)  | (16)  |
| 21  | Sianida          | mg/L   | -               | -   | -   | -   | -   | -   | 0,001 | 0,001 | -    | -    | -    | -    | -     |
| 22  | H <sub>2</sub> S | mg/L   | -               | -   | -   | -   | -   | -   | 0,015 | 0,005 | 2.13 | 0.25 | 0.53 | 5.13 | 11.28 |

Keterangan : (-) tidak dilakukan pengukuran untuk parameter tersebut  
 Sumber: BLH DIY dan BLH/KLH/Kapedal Kab/kota di DIY

**Tabel SD-16 : Kualitas Air Sumur**  
**Daerah Istimewa Yogyakarta**  
**Tahun Data : 2013**

| No         | Parameter                 | Satuan | Lokasi Sampling                           |   |  |  |   |   |   |
|------------|---------------------------|--------|---|---|--|--|---|---|---|
|            |                           |        | 1   | 2   | 3                                      | 4                                      | 5   | 6   | 7   |
| (1)        | (2)                       | (3)    | (4)                                       | (5)                                       | (6)                                    | (7)                                    | (8)                                       | (9)                                       | (10)                                      |
|            | Nama Lokasi               |        |   |   |  |  |   |   |   |
| Data Sumur | Koordinat                 |        | S:<br>07o52'240"<br>dan E:<br>110o08'210" | S:<br>07o52'267"<br>dan E:<br>110o08'162" | S: 07o52'242"<br>dan E:<br>110o09'277" | S: 07o48'310"<br>dan E:<br>110o10'947" | S:<br>07o57'738"<br>dan E:<br>110o37'004" | S:<br>07o52'131"<br>dan E:<br>110o08'923" | S:<br>07o52'078"<br>dan E:<br>110o10'242" |
|            | Waktu Pemantauan          |        | 13-05-2013                                | 13-05-2013                                | 13-05-2013                             | 13-05-2013                             | 13-05-2013                                | 13-05-2013                                | 13-05-2013                                |
|            | FISIKA                    |        |   |   |  |  |   |   |   |
| 1          | Tempelatur                | °C     | 29.7                                      | 29.7                                      | 29.7                                   | 29.7                                   | 29.6                                      | 29.7                                      | 29.7                                      |
| 2          | Residu Terlarut           | mg/ L  | 310                                       | 540                                       | 280                                    | 340                                    | 280                                       | 230                                       | 1690                                      |
| 3          | Residu Tersuspensi        | mg/L   | 0   | 0   | 0                                      | 0                                      | 0   | 0   | 0   |
|            | KIMIA ANORGANIK           |        |   |   |  |  |   |   |   |
| 4          | pH                        |        | 6.9                                       | 7   | 6.7                                    | 6.9                                    | 6.7                                       | 6.7                                       | 7   |
| 5          | BOD                       | mg/L   | 0   | 0   | 0                                      | 0                                      | 0   | 0   | 0   |
| 6          | COD                       | mg/L   | 0   | 0   | 0                                      | 0                                      | 0   | 0   | 0   |
| 7          | DO                        | mg/L   | 0   | 0   | 0                                      | 0                                      | 0   | 0   | 0   |
| 8          | Total Fosfat sbg P        | mg/L   | 0   | 0   | 0                                      | 0                                      | 0   | 0   | 0   |
| 9          | NO <sub>3</sub> sebagai N | mg/L   | 0.79                                      | 0.06                                      | 5.9                                    | 2.1                                    | 0.18                                      | 0.21                                      | 0.01                                      |
| 10         | NH <sub>3</sub> -N        | mg/L   | 0   | 0   | 0                                      | 0                                      | 0   | 0   | 0   |
| 11         | Arsen                     | mg/L   | 0   | 0   | 0                                      | 0                                      | 0   | 0   | 0   |
| 12         | Kobalt                    | mg/L   | 0   | 0   | 0                                      | 0                                      | 0   | 0   | 0   |
| 13         | Barium                    | mg/L   | 0   | 0   | 0                                      | 0                                      | 0   | 0   | 0   |
| 14         | Boron                     | mg/L   | 0   | 0   | 0                                      | 0                                      | 0   | 0   | 0   |
| 15         | Selenium                  | mg/L   | 0   | 0   | 0                                      | 0                                      | 0   | 0   | 0   |
| 16         | Kadmium                   | mg/L   | 0   | 0   | 0                                      | 0                                      | 0   | 0   | 0   |
| 17         | Khrom (VI)                | mg/L   | 0   | 0   | 0                                      | 0                                      | 0   | 0   | 0   |
| 18         | Tembaga                   | mg/L   | 0   | 0   | 0                                      | 0                                      | 0   | 0   | 0   |
| 19         | Besi                      | mg/L   | 0.137                                     | 0.082                                     | 0.008                                  | <0,003                                 | 0.029                                     | 0.047                                     | 0.055                                     |
| 20         | Timbal                    | mg/L   | 0.0011                                    | 0.0013                                    | 0.0025                                 | <0,0007                                | 0.003                                     | 0.002                                     | 0.002                                     |

| No             | Parameter            | Satuan     | Lokasi Sampling |        |        |        |        |        |        |
|----------------|----------------------|------------|-----------------|--------|--------|--------|--------|--------|--------|
|                |                      |            | 1               | 2      | 3      | 4      | 5      | 6      | 7      |
| (1)            | (2)                  | (3)        | (4)             | (5)    | (6)    | (7)    | (8)    | (9)    | (10)   |
| 21             | Mangan               | mg/L       | 0.361           | 0.473  | <0,002 | <0,002 | 0.42   | 0.453  | 0.011  |
| 22             | Air Raksa            | mg/L       | 0               | 0      | 0      | 0      | 0      | 0      | 0      |
| 23             | Seng                 | mg/L       | 0               | 0      | 0      | 0      | 0      | 0      | 0      |
| 24             | Khlorida             | mg/l       | 13              | 48.7   | 21.7   | 19.5   | 25     | 17.6   | 524.7  |
| 25             | Sianida              | mg/L       | <0,006          | <0,006 | <0,006 | <0,006 | <0,006 | <0,006 | <0,006 |
| 26             | Fluorida             | mg/L       | 0.2             | 0.3    | 0.3    | 0.2    | 0.2    | 0.4    | 953    |
| 27             | Nitrit sebagai N     | mg/L       | 0.044           | 0.014  | 0.019  | 0.004  | 0.018  | 0.026  | 0.852  |
| 28             | Sulfat               | mg/L       | 20.6            | 13.4   | 33.3   | 6.1    | 14.1   | 13.9   | 340    |
| 29             | Klorin bebas         | mg/L       | 0               | 0      | 0      | 0      | 0      | 0      | 0      |
| 30             | Belereng sebagai H2S | mg/L       | 0               | 0      | 0      | 0      | 0      | 0      | 0      |
| MIKROBIOLOGI   |                      |            |                 |        |        |        |        |        |        |
| 31             | Fecal coliform       | jml/100 ml | 1898            | 1898   | 1898   | 1898   | 1898   | 1898   | 14     |
| 32             | Total coliform       | jml/100 ml | 1898            | 1898   | 1898   | 1898   | 1898   | 1898   | 58     |
| RADIOAKTIVITAS |                      |            |                 |        |        |        |        |        |        |
| 33             | Gross-A              | Bq/L       | 0               | 0      | 0      | 0      | 0      | 0      | 0      |
| 34             | Gross-B              | Bq/L       | 0               | 0      | 0      | 0      | 0      | 0      | 0      |

Keterangan:

- 1 : Sumur Suci Hartati, Sumberejo, Triharjo, Wates (Koordinat : S : 07°52'240" dan E : 110°08'210")
- 2 : Sumur Purwoko, Sumberejo, Triharjo, Wates (Koordinat : S : 07°52'267" dan E : 110°08'162")
- 3 : Sumur Nanik, Grahulan, Giripeni, Wates (Koordinat : S : 07°52'242" dan E : 110°09'277")
- 4 : Sumur Sajiyu, Tawang, Banyuroto, Nanggulan (Koordinat : S : 07°48'310" dan E : 110°10'947")
- 5 : Sumur Wagiyarmanto, RT 19 Jogoyudan, Wates (Koordinat : S : 07°57'738" dan E : 110°37'004")
- 6 : Sumur Panut, Kedunggong RT 80/36, Wates (Koordinat : S : 07°52'131" dan E : 110°08'923")
- 7 : Sumur Niti, Kasatriyan RT 26/12, Giripeni, Wates (Koordinat : S : 07°52'078" dan E : 110°10'242")

**Tabel SD-16 : Kualitas Air Sumur (Lanjutan)**  
**Daerah Istimewa Yogyakarta**  
**Tahun Data : 2013**

| No         | Parameter        | Satuan | 8                             | 9                             | 10                            | 11                            | 12                            | 13                            | 14                            | 15                            | 16                            |
|------------|------------------|--------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
|            |                  |        | (11)                          | (12)                          | (13)                          | (14)                          | (15)                          | (16)                          | (17)                          | (18)                          | (19)                          |
|            | Nama Lokasi      |        |                               |                               |                               |                               |                               |                               |                               |                               |                               |
| Data Sumur | Koordinat        |        | S:07°52,240°<br>E:110°08,210° | S:07°52,267°<br>E:110°08,162° | S:07°52,242°<br>E:110°09,277° | S:07°48,310°<br>E:110°10,947° | S:07°57,738°<br>E:110°37,004° | S:07°52,131°<br>E:110°08,923° | S:07°52,078°<br>E:110°10,242° | S:07°48,307°<br>E:110°10,939° | S:07°48,307°<br>E:110°10,939° |
|            | Waktu Pemantauan |        | 14-05-2013                    | 14-05-2013                    | 14-05-2013                    | 14-05-2013                    | 14-05-2013                    | 14-05-2013                    | 14-05-2013                    | 15-05-2013                    | 15-05-2013                    |
| FISIKA     |                  |        |                               |                               |                               |                               |                               |                               |                               |                               |                               |
| 1          | Tempelatur       | °C     | 29.70                         | 29.70                         | 29.70                         | 29.70                         | 29.6                          | 29.7                          | 29.7                          | 26.8                          | 26.8                          |
| 2          | Residu Terlarut  | mg/L   | 310.0                         | 540.0                         | 280.0                         | 340.0                         | 280                           | 230                           | 1690                          | 230                           | 160                           |

| No              | Parameter                         | Satuan    |        |        |        |         |       |       |       |       |        |
|-----------------|-----------------------------------|-----------|--------|--------|--------|---------|-------|-------|-------|-------|--------|
|                 |                                   |           | 8      | 9      | 10     | 11      | 12    | 13    | 14    | 15    | 16     |
| (1)             | (2)                               | (3)       | (11)   | (12)   | (13)   | (14)    | (15)  | (16)  | (17)  | (18)  | (19)   |
| 3               | Residu Tersuspensi                | mg/L      | -      | -      | -      | -       | -     | -     | -     | -     | -      |
| KIMIA ANORGANIK |                                   |           |        |        |        |         |       |       |       |       |        |
| 4               | pH                                |           | 6.950  | 7.030  | 6.700  | 6.890   | 6.72  | 6.75  | 7.07  | 6.63  | 6.72   |
| 5               | BOD                               | mg/L      | -      | -      | -      | -       | -     | -     | -     | -     | -      |
| 6               | COD                               | mg/L      | -      | -      | -      | -       | -     | -     | -     | -     | -      |
| 7               | DO                                | mg/L      | -      | -      | -      | -       | -     | -     | -     | -     | -      |
| 8               | Total Fosfat sbg P                | mg/L      | -      | -      | -      | -       | -     | -     | -     | -     | -      |
| 9               | NO <sub>3</sub> sebagai N         | mg/L      | -      | -      | -      | -       | -     | -     | -     | -     | -      |
| 10              | NH <sub>3</sub> -N                | mg/L      | -      | -      | -      | -       | -     | -     | -     | -     | -      |
| 11              | Arsen                             | mg/L      | -      | -      | -      | -       | -     | -     | -     | -     | -      |
| 12              | Kobalt                            | mg/L      | -      | -      | -      | -       | -     | -     | -     | -     | -      |
| 13              | Barium                            | mg/L      | -      | -      | -      | -       | -     | -     | -     | -     | -      |
| 14              | Boron                             | mg/L      | -      | -      | -      | -       | -     | -     | -     | -     | -      |
| 15              | Selenium                          | mg/L      | -      | -      | -      | -       | -     | -     | -     | -     | -      |
| 16              | Kadmium                           | mg/L      | -      | -      | -      | -       | -     | -     | -     | -     | -      |
| 17              | Khrom (VI)                        | mg/L      | -      | -      | -      | -       | -     | -     | -     | -     | -      |
| 18              | Tembaga                           | mg/L      | -      | -      | -      | -       | -     | -     | -     | -     | -      |
| 19              | Besi                              | mg/L      | 0.137  | 0.082  | 0.008  | <0,003  | 0.029 | 0.047 | 0.550 | 0.031 | <0,003 |
| 20              | Timbal                            | mg/L      | 0.0011 | 0.0013 | 0.0025 | <0,0007 | 0.003 | 0.002 | 0.002 | 0.009 | 0.00   |
| 21              | Mangan                            | mg/L      | -      | -      | -      | -       | -     | -     | -     | -     | -      |
| 22              | Air Raksa                         | mg/L      | -      | -      | -      | -       | -     | -     | -     | -     | -      |
| 23              | Seng                              | mg/L      | -      | -      | -      | -       | -     | -     | -     | -     | -      |
| 24              | Khlorida                          | mg/l      | -      | -      | -      | -       | -     | -     | -     | -     | -      |
| 25              | Sianida                           | mg/L      | -      | -      | -      | -       | -     | -     | -     | -     | -      |
| 26              | Fluorida                          | mg/L      | -      | -      | -      | -       | -     | -     | -     | -     | -      |
| 27              | Nitrit sebagai N                  | mg/L      | -      | -      | -      | -       | -     | -     | -     | -     | -      |
| 28              | Sulfat                            | mg/L      | -      | -      | -      | -       | -     | -     | -     | -     | -      |
| 29              | Khlorin bebas                     | mg/L      | -      | -      | -      | -       | -     | -     | -     | -     | -      |
| 30              | Belereng sebagai H <sub>2</sub> S | mg/L      | -      | -      | -      | -       | -     | -     | -     | -     | -      |
| MIKROBIOLOGI    |                                   |           |        |        |        |         |       |       |       |       |        |
| 31              | Fecal coliform                    | jm/100 ml | -      | -      | -      | -       | -     | -     | -     | -     | -      |

| No             | Parameter      | Satuan     |      |      |      |      |      |      |      |      |      |
|----------------|----------------|------------|------|------|------|------|------|------|------|------|------|
|                |                |            | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   |
| (1)            | (2)            | (3)        | (11) | (12) | (13) | (14) | (15) | (16) | (17) | (18) | (19) |
| 32             | Total coliform | jml/100 ml | -    | -    | -    | -    | -    | -    | -    | -    | -    |
| RADIOAKTIVITAS |                |            |      |      |      |      |      |      |      |      |      |
| 33             | Gross-A        | Bq/L       | -    | -    | -    | -    | -    | -    | -    | -    | -    |
| 34             | Gross-B        | Bq/L       | -    | -    | -    | -    | -    | -    | -    | -    | -    |

Keterangan:

- 11 Bapak Sajijo, Tawang, Banyuroto, Nanggulan Kulonprogo
- 12 Bapak Wagiyarmanto, Jogoyudan RT.19, Wates, Kulonprogo
- 13 Bapak Panut, Kedunggong, RT. 80 RW.36, Wates, Kulonprogo
- 14 Mbah Niti, kasatriyan RT.26 RW.12 Giripeni wates Kulonprogo
- 15 Bapak Sardono, Bergan, Wijirejo, Pandak, Bantul
- 16 Bapak Bowo, Bergan, Wijirejo, Pandak, Bantul
- 17 Bapak Muhamadi, Bergan, Wijirejo, Pandak, Bantul
- 18 Bapak Purjiyanto, Bergan, Wijirejo, Pandak, Bantul
- 19 Bapak Kimo, Pulutan, Pendowoharjo, Sewon, Bantul

**Tabel SD-16 : Kualitas Air Sumur (Lanjutan)**  
**Daerah Istimewa Yogyakarta**  
**Tahun Data : 2013**

| No              | Parameter                 | Satuan |                               |                               |                               |                               |                               |                               |                               |                               |                               |                               |
|-----------------|---------------------------|--------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
|                 |                           |        | 17                            | 18                            | 19                            | 20                            | 21                            | 22                            | 23                            | 24                            | 25                            | 26                            |
| (1)             | (2)                       | (3)    | (20)                          | (21)                          | (22)                          | (23)                          | (24)                          | (25)                          | (26)                          | (27)                          | (28)                          | (29)                          |
|                 | Nama Lokasi               |        |                               |                               |                               |                               |                               |                               |                               |                               |                               |                               |
| Data Sumur      | Koordinat                 |        | S:07°53,866°<br>E:110°18,014° | S:07°53,863°<br>E:110°17,920° | S:07°53,858°<br>E:110°17,913° | S:07°51,680°<br>E:110°19,777° | S:07°51,671°<br>E:110°19,750° | S:07°51,678°<br>E:110°19,740° | S:07°43,156°<br>E:110°22,196° | S:07°43,268°<br>E:110°22,096° | S:07°43,294°<br>E:110°22,137° | S:07°43,282°<br>E:110°22,138° |
|                 | Waktu Pemantauan          |        | 15-05-2013                    | 15-05-2013                    | 15-05-2013                    | 15-05-2013                    | 15-05-2013                    | 15-05-2013                    | 16-05-2013                    | 16-05-2013                    | 16-05-2013                    | 16-05-2013                    |
| FISIKA          |                           |        |                               |                               |                               |                               |                               |                               |                               |                               |                               |                               |
| 1               | Tempelatur                | °C     | 29.3                          | 30.9                          | 29.3                          | 31.1                          | 31.1                          | 31.1                          | 29.5                          | 29.5                          | 29.5                          | 28.6                          |
| 2               | Residu Terlarut           | mg/L   | 260                           | 250                           | 340                           | 240                           | 430                           | 420                           | 90                            | 90                            | 190                           | 110                           |
| 3               | Residu Tersuspensi        | mg/L   | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| KIMIA ANORGANIK |                           |        |                               |                               |                               |                               |                               |                               |                               |                               |                               |                               |
| 4               | pH                        |        | 6.78                          | 6.74                          | 6.77                          | 6.69                          | 6.72                          | 6.92                          | 6.58                          | 6.44                          | 6.29                          | 6.21                          |
| 5               | BOD                       | mg/L   | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| 6               | COD                       | mg/L   | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| 7               | DO                        | mg/L   | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| 8               | Total Fosfat sbg P        | mg/L   | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| 9               | NO <sub>3</sub> sebagai N | mg/L   | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |

| No             | Parameter                         | Satuan        |        |        |       |        |        |        |       |        |        |        |
|----------------|-----------------------------------|---------------|--------|--------|-------|--------|--------|--------|-------|--------|--------|--------|
|                |                                   |               | 17     | 18     | 19    | 20     | 21     | 22     | 23    | 24     | 25     | 26     |
| (1)            | (2)                               | (3)           | (20)   | (21)   | (22)  | (23)   | (24)   | (25)   | (26)  | (27)   | (28)   | (29)   |
| 10             | NH <sub>3</sub> -N                | mg/L          | -      | -      | -     | -      | -      | -      | -     | -      | -      | -      |
| 11             | Arsen                             | mg/L          | -      | -      | -     | -      | -      | -      | -     | -      | -      | -      |
| 12             | Kobalt                            | mg/L          | -      | -      | -     | -      | -      | -      | -     | -      | -      | -      |
| 13             | Barium                            | mg/L          | -      | -      | -     | -      | -      | -      | -     | -      | -      | -      |
| 14             | Boron                             | mg/L          | -      | -      | -     | -      | -      | -      | -     | -      | -      | -      |
| 15             | Selenium                          | mg/L          | -      | -      | -     | -      | -      | -      | -     | -      | -      | -      |
| 16             | Kadmium                           | mg/L          | -      | -      | -     | -      | -      | -      | -     | -      | -      | -      |
| 17             | Khrom (VI)                        | mg/L          | -      | -      | -     | -      | -      | -      | -     | -      | -      | -      |
| 18             | Tembaga                           | mg/L          | -      | -      | -     | -      | -      | -      | -     | -      | -      | -      |
| 19             | Besi                              | mg/L          | 0.0060 | 0.012  | 0.104 | 0.013  | 0.006  | <0,003 | 0.007 | <0,003 | <0,003 | 0.033  |
| 20             | Timbal                            | mg/L          | 0.0032 | <0,007 | 0.031 | 0.0014 | 0.0018 | 0.0011 | 0.005 | 0.0019 | 0.0048 | 0.0038 |
| 21             | Mangan                            | mg/L          | -      | -      | -     | -      | -      | -      | -     | -      | -      | -      |
| 22             | Air Raksa                         | mg/L          | -      | -      | -     | -      | -      | -      | -     | -      | -      | -      |
| 23             | Seng                              | mg/L          | -      | -      | -     | -      | -      | -      | -     | -      | -      | -      |
| 24             | Klorida                           | mg/l          | -      | -      | -     | -      | -      | -      | -     | -      | -      | -      |
| 25             | Sianida                           | mg/L          | -      | -      | -     | -      | -      | -      | -     | -      | -      | -      |
| 26             | Fluorida                          | mg/L          | -      | -      | -     | -      | -      | -      | -     | -      | -      | -      |
| 27             | Nitrit sebagai N                  | mg/L          | -      | -      | -     | -      | -      | -      | -     | -      | -      | -      |
| 28             | Sulfat                            | mg/L          | -      | -      | -     | -      | -      | -      | -     | -      | -      | -      |
| 29             | Khlorin bebas                     | mg/L          | -      | -      | -     | -      | -      | -      | -     | -      | -      | -      |
| 30             | Belerang sebagai H <sub>2</sub> S | mg/L          | -      | -      | -     | -      | -      | -      | -     | -      | -      | -      |
| MIKROBIOLOGI   |                                   |               |        |        |       |        |        |        |       |        |        |        |
| 31             | Fecal coliform                    | jumlah/100 ml | -      | -      | -     | -      | -      | -      | -     | -      | -      | -      |
| 32             | Total coliform                    | jumlah/100 ml | -      | -      | -     | -      | -      | -      | -     | -      | -      | -      |
| RADIOAKTIVITAS |                                   |               |        |        |       |        |        |        |       |        |        |        |
| 33             | Gross-A                           | Bq/L          | -      | -      | -     | -      | -      | -      | -     | -      | -      | -      |
| 34             | Gross-B                           | Bq/L          | -      | -      | -     | -      | -      | -      | -     | -      | -      | -      |

Keterangan:

17 Bapak Muhamadi, Bergan, Wijirejo, Pandak, Bantul

| No  | Parameter | Satuan |      |      |      |      |      |      |      |      |      |      |
|-----|-----------|--------|------|------|------|------|------|------|------|------|------|------|
|     |           |        | 17   | 18   | 19   | 20   | 21   | 22   | 23   | 24   | 25   | 26   |
| (1) | (2)       | (3)    | (20) | (21) | (22) | (23) | (24) | (25) | (26) | (27) | (28) | (29) |

- 18 Bapak Purjiyanto, Bergan, Wijirejo, Pandak, Bantul  
 19 Bapak Kimo, Pulutan, Pendowoharjo, Sewon, Bantul  
 20 Bapak Purwanto, Pulutan, Pendowoharjo, Sewon, Bantul  
 21 Bapak Mudi Utomo, Pulutan, Pendowoharjo, Sewon, Bantul  
 22 Bapak Watono, Pulutan, Pendowoharjo, Sewon, Bantul  
 23 Bapak Budi Rahmanto, Grojogan Pendowoharjo, bantul  
 24 Bapak Marjono, Gondang Penen, Sendangadi, Mlati, Sleman  
 25 Bapak Nurtubi, Gondang Penen, Sendangadi, Mlati, Sleman  
 26 Bapak Yatiman, Gondangpenen, Sendangadi, Mlati, Sleman

**Tabel SD-16 : Kualitas Air Sumur (Lanjutan)**  
**Daerah Istimewa Yogyakarta**  
**Tahun Data : 2013**

| No              | Parameter                 | Satuan |                               |                               |                               |                               |                               |                               |                               |                               |                               |                               |
|-----------------|---------------------------|--------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
|                 |                           |        | 27                            | 28                            | 29                            | 30                            | 31                            | 32                            | 33                            | 34                            | 35                            | 36                            |
| (1)             | (2)                       | (3)    | (30)                          | (31)                          | (32)                          | (33)                          | (34)                          | (35)                          | (36)                          | (37)                          | (38)                          | (39)                          |
|                 | Nama Lokasi               |        |                               |                               |                               |                               |                               |                               |                               |                               |                               |                               |
| Data Sumur      | Koordinat                 |        | S:07°45,045°<br>E:110°22,325° | S:07°45,039°<br>E:110°22,325° | S:07°45,026°<br>E:110°22,308° | S:07°43,262°<br>E:110°21,499° | S:07°48,585°<br>E:110°23,273° | S:07°48,564°<br>E:110°23,204° | S:07°48,572°<br>E:110°23,323° | S:07°49,057°<br>E:110°23,475° | S:07°49,677°<br>E:110°23,702° | S:07°49,658°<br>E:110°23,704° |
|                 | Waktu Pemantauan          |        | 16-05-2013                    | 16-05-2013                    | 16-05-2013                    | 17-05-2013                    | 17-05-2013                    | 17-05-2013                    | 17-05-2013                    | 17-05-2013                    | 23-10-2013                    | 23-10-2013                    |
| FISIKA          |                           |        |                               |                               |                               |                               |                               |                               |                               |                               |                               |                               |
| 1               | Tempelatur                | °C     | 28.6                          | 28.6                          | 29.3                          | 29.2                          | 29.3                          | 29.3                          | 29.3                          | 29.3                          | 31                            | 32                            |
| 2               | Residu Terlarut           | mg/L   | 150                           | 150                           | 150                           | 70                            | 210                           | 230                           | 270                           | 190                           | 905.0                         | 915.0                         |
| 3               | Residu Tersuspensi        | mg/L   | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| KIMIA ANORGANIK |                           |        |                               |                               |                               |                               |                               |                               |                               |                               |                               |                               |
| 4               | pH                        |        | 6.51                          | 6.42                          | 6.58                          | 6.95                          | 6.64                          | 6.45                          | 6.39                          | 6.53                          | 6.85                          | 6.78                          |
| 5               | BOD                       | mg/L   | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| 6               | COD                       | mg/L   | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| 7               | DO                        | mg/L   | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| 8               | Total Fosfat sbg P        | mg/L   | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| 9               | NO <sub>3</sub> sebagai N | mg/L   | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| 10              | NH <sub>3</sub> -N        | mg/L   | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| 11              | Arsen                     | mg/L   | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| 12              | Kobalt                    | mg/L   | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| 13              | Barium                    | mg/L   | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |

| No             | Parameter                         | Satuan        |        |        |        |        |        |        |        |        |      |        |
|----------------|-----------------------------------|---------------|--------|--------|--------|--------|--------|--------|--------|--------|------|--------|
|                |                                   |               | 27     | 28     | 29     | 30     | 31     | 32     | 33     | 34     | 35   | 36     |
| (1)            | (2)                               | (3)           | (30)   | (31)   | (32)   | (33)   | (34)   | (35)   | (36)   | (37)   | (38) | (39)   |
| 14             | Boron                             | mg/L          | -      | -      | -      | -      | -      | -      | -      | -      | -    | -      |
| 15             | Selenium                          | mg/L          | -      | -      | -      | -      | -      | -      | -      | -      | -    | -      |
| 16             | Kadmium                           | mg/L          | -      | -      | -      | -      | -      | -      | -      | -      | -    | -      |
| 17             | Khrom (VI)                        | mg/L          | -      | -      | -      | -      | -      | -      | -      | -      | -    | -      |
| 18             | Tembaga                           | mg/L          | -      | -      | -      | -      | -      | -      | -      | -      | -    | -      |
| 19             | Besi                              | mg/L          | <0,003 | 0.008  | 0.007  | 0.011  | 0.029  | 0.013  | 0.027  | 0.018  | 0.05 | <0,003 |
| 20             | Timbal                            | mg/L          | 0.0048 | 0.0031 | 0.0037 | 0.0018 | 0.0032 | 0.0034 | 0.0048 | 0.0056 | -    | -      |
| 21             | Mangan                            | mg/L          | -      | -      | -      | -      | -      | -      | -      | -      | -    | -      |
| 22             | Air Raksa                         | mg/L          | -      | -      | -      | -      | -      | -      | -      | -      | -    | -      |
| 23             | Seng                              | mg/L          | -      | -      | -      | -      | -      | -      | -      | -      | -    | -      |
| 24             | Klorida                           | mg/l          | -      | -      | -      | -      | -      | -      | -      | -      | -    | -      |
| 25             | Sianida                           | mg/L          | -      | -      | -      | -      | -      | -      | -      | -      | -    | -      |
| 26             | Fluorida                          | mg/L          | -      | -      | -      | -      | -      | -      | -      | -      | -    | -      |
| 27             | Nitrit sebagai N                  | mg/L          | -      | -      | -      | -      | -      | -      | -      | -      | -    | -      |
| 28             | Sulfat                            | mg/L          | -      | -      | -      | -      | -      | -      | -      | -      | -    | -      |
| 29             | Klorin bebas                      | mg/L          | -      | -      | -      | -      | -      | -      | -      | -      | -    | -      |
| 30             | Belereng sebagai H <sub>2</sub> S | mg/L          | -      | -      | -      | -      | -      | -      | -      | -      | -    | -      |
| MIKROBIOLOGI   |                                   |               |        |        |        |        |        |        |        |        |      |        |
| 31             | Fecal coliform                    | jumlah/100 ml | -      | -      | -      | -      | -      | -      | -      | -      | -    | -      |
| 32             | Total coliform                    | jumlah/100 ml | -      | -      | -      | -      | -      | -      | -      | -      | -    | -      |
| RADIOAKTIVITAS |                                   |               |        |        |        |        |        |        |        |        |      |        |
| 33             | Gross-A                           | Bq/L          | -      | -      | -      | -      | -      | -      | -      | -      | -    | -      |
| 34             | Gross-B                           | Bq/L          | -      | -      | -      | -      | -      | -      | -      | -      | -    | -      |

Keterangan:

- 27 Ibu Ning Dwi Suryaningsih, Nandan 115-D RT.05 RW.39 Sariharjo, Ngaglik, Sleman
- 28 Bapak Slamet Riwanto, Nandan 113-D RT.05 RW.39 Sariharjo, Ngaglik, Sleman
- 29 Bapak Jumiyarto, Nandan, Sariharjo, Ngaglik, Sleman
- 30 Jalan Glagahsari, kecamatan Umbulharjo No 99 Yogyakarta
- 31 Kantor Trantib, kecamatan Umbulharjo, Jalan Glagahsari No 99 Yogyakarta
- 32 KUA Kecamatan Umbulharjo, Jalan Glagahsari No 99 Yogyakarta
- 33 Bapak Trisgianto, Glagahsari UH 4, No.5.94 warungboto Umbulharjo Yogyakarta
- 34 Ibu Sunaryo, Jalan Gambiran No 5 RT.32 RW.08, Umbulharjo, Yogyakarta

| No  | Parameter | Satuan |      |      |      |      |      |      |      |      |      |      |
|-----|-----------|--------|------|------|------|------|------|------|------|------|------|------|
|     |           |        | 27   | 28   | 29   | 30   | 31   | 32   | 33   | 34   | 35   | 36   |
| (1) | (2)       | (3)    | (30) | (31) | (32) | (33) | (34) | (35) | (36) | (37) | (38) | (39) |

35 Sumur Mumi Imitasi, Jagalan Bantul

36 Sumur Bapak Tedi Bodon, RT 07 RW 05 Jagalan, Bantul

**Tabel SD-16 : Kualitas Air Sumur (Lanjutan)**  
**Daerah Istimewa Yogyakarta**  
**Tahun Data : 2013**

| No              | Parameter                 | Satuan |                               |                               |                               |                               |                               |                               |                               |                               |                               |                               |
|-----------------|---------------------------|--------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
|                 |                           |        | 37                            | 38                            | 39                            | 40                            | 41                            | 42                            | 43                            | 44                            | 45                            | 46                            |
| (1)             | (2)                       | (3)    | (40)                          | (41)                          | (42)                          | (43)                          | (44)                          | (45)                          | (46)                          | (47)                          | (48)                          | (49)                          |
|                 | Nama Lokasi               |        |                               |                               |                               |                               |                               |                               |                               |                               |                               |                               |
| Data Sumur      | Koordinat                 |        | S:07°49,663°<br>E:110°23,710° | S:07°49,655°<br>E:110°23,705° | S:07°54,935°<br>E:110°23,880° | S:07°54,925°<br>E:110°23,887° | S:07°54,935°<br>E:110°23,870° | S:07°58,336°<br>E:110°35,591° | S:07°58,326°<br>E:110°35,579° | S:07°58,949°<br>E:110°36,430° | S:07°58,328°<br>E:110°36,129° | S:07°48,523°<br>E:110°21,227° |
|                 | Waktu Pemantauan          |        | 23-10-2013                    | 23-10-2013                    | 23-10-2013                    | 23-10-2013                    | 23-10-2013                    | 24-10-2013                    | 24-10-2013                    | 24-10-2013                    | 24-10-2013                    | 28-10-2013                    |
| FISIKA          |                           |        |                               |                               |                               |                               |                               |                               |                               |                               |                               |                               |
| 1               | Tempelatur                | °C     | 32                            | 33                            | 34                            | 34                            | 33                            |                               |                               |                               |                               | 29                            |
| 2               | Residu Terlarut           | mg/L   | 874.0                         | 938.0                         | 797.0                         | 1067.0                        | 796.0                         | 1270.0                        | 1093.0                        | 1079.0                        | 1192.0                        | 955                           |
| 3               | Residu Tersuspensi        | mg/L   | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| KIMIA ANORGANIK |                           |        |                               |                               |                               |                               |                               |                               |                               |                               |                               |                               |
| 4               | pH                        |        | 7.07                          | 7.02                          | 7.10                          | 7.02                          | 7.320                         | 7.370                         | 7.010                         | 7.690                         | 7.710                         | 6.8                           |
| 5               | BOD                       | mg/L   | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| 6               | COD                       | mg/L   | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| 7               | DO                        | mg/L   | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| 8               | Total Fosfat sbg P        | mg/L   | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| 9               | NO <sub>3</sub> sebagai N | mg/L   | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| 10              | NH <sub>3</sub> -N        | mg/L   | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| 11              | Arsen                     | mg/L   | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| 12              | Kobalt                    | mg/L   | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| 13              | Barium                    | mg/L   | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| 14              | Boron                     | mg/L   | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| 15              | Selenium                  | mg/L   | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| 16              | Kadmium                   | mg/L   | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |

| No             | Parameter                         | Satuan        |        |        |        |       |       |       |       |       |       |       |
|----------------|-----------------------------------|---------------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|
|                |                                   |               | 37     | 38     | 39     | 40    | 41    | 42    | 43    | 44    | 45    | 46    |
| (1)            | (2)                               | (3)           | (40)   | (41)   | (42)   | (43)  | (44)  | (45)  | (46)  | (47)  | (48)  | (49)  |
| 17             | Khrom (VI)                        | mg/L          | -      | -      | -      | -     | -     | -     | -     | -     | -     | -     |
| 18             | Tembaga                           | mg/L          | -      | -      | -      | -     | -     | -     | -     | -     | -     | -     |
| 19             | Besi                              | mg/L          | <0,003 | <0,003 | <0,003 | 0.004 | 0.014 | 0.063 | 0.153 | 0.053 | 0.132 | 0.023 |
| 20             | Timbal                            | mg/L          | -      | -      | -      | -     | -     | -     | -     | -     | -     | -     |
| 21             | Mangan                            | mg/L          | -      | -      | -      | -     | -     | -     | -     | -     | -     | -     |
| 22             | Air Raksa                         | mg/L          | -      | -      | -      | -     | -     | -     | -     | -     | -     | -     |
| 23             | Seng                              | mg/L          | -      | -      | -      | -     | -     | -     | -     | -     | -     | -     |
| 24             | Khlorida                          | mg/l          | -      | -      | -      | -     | -     | -     | -     | -     | -     | -     |
| 25             | Sianida                           | mg/L          | -      | -      | -      | -     | -     | -     | -     | -     | -     | -     |
| 26             | Fluorida                          | mg/L          | -      | -      | -      | -     | -     | -     | -     | -     | -     | -     |
| 27             | Nitrit sebagai N                  | mg/L          | -      | -      | -      | -     | -     | -     | -     | -     | -     | -     |
| 28             | Sulfat                            | mg/L          | -      | -      | -      | -     | -     | -     | -     | -     | -     | -     |
| 29             | Khlorin bebas                     | mg/L          | -      | -      | -      | -     | -     | -     | -     | -     | -     | -     |
| 30             | Belereng sebagai H <sub>2</sub> S | mg/L          | -      | -      | -      | -     | -     | -     | -     | -     | -     | -     |
| MIKROBIOLOGI   |                                   |               |        |        |        |       |       |       |       |       |       |       |
| 31             | Fecal coliform                    | jumlah/100 ml | -      | -      | -      | -     | -     | -     | -     | -     | -     | -     |
| 32             | Total coliform                    | jumlah/100 ml | -      | -      | -      | -     | -     | -     | -     | -     | -     | -     |
| RADIOAKTIVITAS |                                   |               |        |        |        |       |       |       |       |       |       |       |
| 33             | Gross-A                           | Bq/L          | -      | -      | -      | -     | -     | -     | -     | -     | -     | -     |
| 34             | Gross-B                           | Bq/L          | -      | -      | -      | -     | -     | -     | -     | -     | -     | -     |

Keterangan:

- 40 Sumur Mbah Ponikem, RT 5 Karangkulon, Giriloyo, Imogiri, Bantul
- 41 Sumur Batik Kusumo, Karangkulon, Giriloyo, Imogiri, Bantul
- 42 Sumur Pool Bis Rawit Mulyo, Trimulyo 2 Kepek, Wonosari
- 43 Sumur warga di sekitar Pool Bis Rawit Mulyo
- 44 Sumur Pool Bis Jangkar Bumi, Karangrejek, Wonosari
- 45 Sumur Pool Bis Birowo, Baleharjo, Wonosari
- 46 Sumur Bapak Mujiyono, Jl. Suryowijayan MJ I/2 RT 01/01 Gedongkiwo, Mantrijeron, Yogyakarta

**Tabel SD-16 : Kualitas Air Sumur (Lanjutan)**  
**Daerah Istimewa Yogyakarta**  
**Tahun Data : 2013**

| No              | Parameter                 | Satuan |                               |                               |                               |                               |                               |                               |                               |                               |                               |                               |
|-----------------|---------------------------|--------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
|                 |                           |        | 47                            | 48                            | 49                            | 50                            | 51                            | 52                            | 53                            | 54                            | 55                            | 56                            |
| (1)             | (2)                       | (3)    | (50)                          | (51)                          | (52)                          | (53)                          | (54)                          | (56)                          | (57)                          | (58)                          | (59)                          | (60)                          |
|                 | Nama Lokasi               |        |                               |                               |                               |                               |                               |                               |                               |                               |                               |                               |
| Data Sumur      | Koordinat                 |        | S:07°48,533°<br>E:110°21,216° | S:07°51,975°<br>E:110°14,290° | S:07°52,141°<br>E:110°14,413° | S:07°52,290°<br>E:110°14,529° | S:07°52,174°<br>E:110°14,730° | S:07°43,135°<br>E:110°31,933° | S:07°50,904°<br>E:110°26,142° | S:07°51,335°<br>E:110°26,117° | S:07°51,359°<br>E:110°26,075° | S:07°49,663°<br>E:110°26,456° |
|                 | Waktu Pemantauan          |        | 28-10-2013                    | 28-10-2013                    | 28-10-2013                    | 28-10-2013                    | 28-10-2013                    | 30-10-2013                    | 30-10-2013                    | 30-10-2013                    | 30-10-2013                    | 31-10-2013                    |
| FISIKA          |                           |        |                               |                               |                               |                               |                               |                               |                               |                               |                               |                               |
| 1               | Tempelatur                | °C     | 29                            | 31                            | 31.5                          | 31.5                          | 32                            | 20.0                          | 20                            | 21                            | 23                            | 27.4                          |
| 2               | Residu Terlarut           | mg/L   | 622                           | 1009                          | 923                           | 1167                          | 1121                          | 731                           | 626                           | 555                           | 569                           | 580                           |
| 3               | Residu Tersuspensi        | mg/L   | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| KIMIA ANORGANIK |                           |        |                               |                               |                               |                               |                               |                               |                               |                               |                               |                               |
| 4               | pH                        |        | 7.04                          | 7.22                          | 7.25                          | 7.48                          | 7.71                          | 7.02                          | 7.11                          | 7.55                          | 6.93                          | 6.96                          |
| 5               | BOD                       | mg/L   | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| 6               | COD                       | mg/L   | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| 7               | DO                        | mg/L   | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| 8               | Total Fosfat sbg P        | mg/L   | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| 9               | NO <sub>3</sub> sebagai N | mg/L   | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| 10              | NH <sub>3</sub> -N        | mg/L   | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| 11              | Arsen                     | mg/L   | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| 12              | Kobalt                    | mg/L   | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| 13              | Barium                    | mg/L   | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| 14              | Boron                     | mg/L   | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| 15              | Selenium                  | mg/L   | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| 16              | Kadmium                   | mg/L   | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| 17              | Khrom (VI)                | mg/L   | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| 18              | Tembaga                   | mg/L   | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| 19              | Besi                      | mg/L   | 0.163                         | 0.044                         | 0.483                         | 0.056                         | 0.0370                        | 0.007                         | 0.005                         | 0.006                         | 0.181                         | <0,003                        |
| 20              | Timbal                    | mg/L   | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| 21              | Mangan                    | mg/L   | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |

| No             | Parameter                         | Satuan        |      |      |      |      |      |      |      |      |      |      |
|----------------|-----------------------------------|---------------|------|------|------|------|------|------|------|------|------|------|
|                |                                   |               | 47   | 48   | 49   | 50   | 51   | 52   | 53   | 54   | 55   | 56   |
| (1)            | (2)                               | (3)           | (50) | (51) | (52) | (53) | (54) | (56) | (57) | (58) | (59) | (60) |
| 22             | Air Raksa                         | mg/L          | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    |
| 23             | Seng                              | mg/L          | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    |
| 24             | Klorida                           | mg/l          | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    |
| 25             | Sianida                           | mg/L          | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    |
| 26             | Fluorida                          | mg/L          | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    |
| 27             | Nitrit sebagai N                  | mg/L          | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    |
| 28             | Sulfat                            | mg/L          | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    |
| 29             | Klorin bebas                      | mg/L          | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    |
| 30             | Belereng sebagai H <sub>2</sub> S | mg/L          | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    |
| MIKROBIOLOGI   |                                   |               |      |      |      |      |      |      |      |      |      |      |
| 31             | Fecal coliform                    | jumlah/100 ml | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    |
| 32             | Total coliform                    | jumlah/100 ml | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    |
| RADIOAKTIVITAS |                                   |               |      |      |      |      |      |      |      |      |      |      |
| 33             | Gross-A                           | Bq/L          | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    |
| 34             | Gross-B                           | Bq/L          | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    |

Keterangan:

- 47 Sumur Masjid Hidayat MJ I/2 RT 01/01 Gedongkiwo, Mantriwono, Yogyakarta
- 48 Sumur Bapak Jumiran, Taruban Kulon, Tuksono, Sentolo, Kulonprogo
- 49 Sumur Bapak Bejoyono, Bulak, Tuksono, Sentolo
- 50 Sumur Masjid Al Abidin, Bulak, Tuksono, Sentolo
- 51 Sumur Bapak Sugiran, Bulak, Tuksono, Sentolo
- 52 Sumur Bapak Raidin, Sitimulyo, Piyungan Bantul
- 53 Sumur Bapak Tukimin, Sitimulyo, Piyungan, Bantul
- 54 Sumur Bapak Sutadirejan, Dusun Banyak 2 Piyungan Bantul
- 55 Sumur Ibu Darwanti, Dusun Banyak 2 Piyungan Bantul
- 56 Sumur Bapak Bambang Haryanto, Kricak Kidul RT 35 RW 8

**Tabel SD-16 : Kualitas Air Sumur (Lanjutan)**  
**Daerah Istimewa Yogyakarta**  
**Tahun Data : 2013**

| No  | Parameter   | Satuan |      |      |      |      |      |      |      |      |      |      |      |      |
|-----|-------------|--------|------|------|------|------|------|------|------|------|------|------|------|------|
|     |             |        | 57   | 58   | 59   | 60   | 61   | 62   | 63   | 64   | 65   | 66   | 67   | 68   |
| (1) | (2)         | (3)    | (61) | (62) | (63) | (64) | (65) | (66) | (67) | (68) | (69) | (70) | (71) | (72) |
|     | Nama Lokasi |        |      |      |      |      |      |      |      |      |      |      |      |      |

| No              | Parameter                 | Satuan |                               |                               |                               |                               |                               |                               |                               |                               |                               |                               |                               |                               |
|-----------------|---------------------------|--------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
|                 |                           |        | 57                            | 58                            | 59                            | 60                            | 61                            | 62                            | 63                            | 64                            | 65                            | 66                            | 67                            | 68                            |
| (1)             | (2)                       | (3)    | (61)                          | (62)                          | (63)                          | (64)                          | (65)                          | (66)                          | (67)                          | (68)                          | (69)                          | (70)                          | (71)                          | (72)                          |
| Data Sumur      | Koordinat                 |        | S:07°49,644°<br>E:110°21,471° | S:07°46,601°<br>E:110°21,438° | S:07°46,598°<br>E:110°21,424° | S:07°42,898°<br>E:110°21,477° | S:07°42,906°<br>E:110°21,494° | S:07°42,931°<br>E:110°21,473° | S:07°48,478°<br>E:110°22,429° | S:07°48,469°<br>E:110°22,411° | S:07°48,614°<br>E:110°23,730° | S:07°48,573°<br>E:110°23,671° | S:07°48,595°<br>E:110°23,681° | S:07°48,599°<br>E:110°23,704° |
|                 | Waktu Pemantauan          |        | 31-10-2013                    | 31-10-2013                    | 31-10-2013                    | 31-10-2013                    | 31-10-2013                    | 31-10-2013                    | 04-11-2013                    | 04-11-2013                    | 04-11-2013                    | 04-11-2013                    | 04-11-2013                    | 04-11-2013                    |
| FISIKA          |                           |        |                               |                               |                               |                               |                               |                               |                               |                               |                               |                               |                               |                               |
| 1               | Tempelatur                | °C     | 28.9                          | 30.9                          | 29.5                          | 30.0                          | 31.5                          | 31.5                          | 36.6                          | 37.8                          | 32.4                          | 31.7                          | 34.8                          | 32.8                          |
| 2               | Residu Terlarut           | mg/L   | 821                           | 702                           | 589                           | 500                           | 365                           | 499                           | 1089                          | 989                           | 733                           | 682                           | 632                           | 740                           |
| 3               | Residu Tersuspensi        | mg/L   | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| KIMIA ANORGANIK |                           |        |                               |                               |                               |                               |                               |                               |                               |                               |                               |                               |                               |                               |
| 4               | pH                        |        | 6.97                          | 7.15                          | 6.86                          | 7.17                          | 6.97                          | 6.89                          | 6.98                          | 6.99                          | 6.84                          | 6.6                           | 6.55                          | 6.56                          |
| 5               | BOD                       | mg/L   | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| 6               | COD                       | mg/L   | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| 7               | DO                        | mg/L   | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| 8               | Total Fosfat sbg P        | mg/L   | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| 9               | NO sebagai N <sup>3</sup> | mg/L   | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| 10              | NH3-N                     | mg/L   | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| 11              | Arsen                     | mg/L   | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| 12              | Kobalt                    | mg/L   | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| 13              | Barium                    | mg/L   | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| 14              | Boron                     | mg/L   | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| 15              | Selenium                  | mg/L   | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| 16              | Kadmium                   | mg/L   | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| 17              | Khrom (VI)                | mg/L   | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| 18              | Tembaga                   | mg/L   | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| 19              | Besi                      | mg/L   | 0.073                         | 0.046                         | 0.03                          | < 0,003                       | < 0,003                       | < 0,003                       | 0.01                          | 0.172                         | 0.022                         | 0.004                         | < 0,003                       | < 0,003                       |
| 20              | Timbal                    | mg/L   | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| 21              | Mangan                    | mg/L   | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| 22              | Air Raksa                 | mg/L   | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| 23              | Seng                      | mg/L   | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| 24              | Khlorida                  | mg/l   | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| 25              | Sianida                   | mg/L   | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| 26              | Fluorida                  | mg/L   | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| 27              | Nitrit sebagai N          | mg/L   | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| 28              | Sulfat                    | mg/L   | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| 29              | Khlorin bebas             | mg/L   | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |

| No             | Parameter                         | Satuan        |      |      |      |      |      |      |      |      |      |      |      |      |
|----------------|-----------------------------------|---------------|------|------|------|------|------|------|------|------|------|------|------|------|
|                |                                   |               | 57   | 58   | 59   | 60   | 61   | 62   | 63   | 64   | 65   | 66   | 67   | 68   |
| (1)            | (2)                               | (3)           | (61) | (62) | (63) | (64) | (65) | (66) | (67) | (68) | (69) | (70) | (71) | (72) |
| 30             | Belereng sebagai H <sub>2</sub> S | mg/L          | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    |
| MIKROBIOLOGI   |                                   |               |      |      |      |      |      |      |      |      |      |      |      |      |
| 31             | Fecal coliform                    | jumlah/100 ml | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    |
| 32             | Total coliform                    | jumlah/100 ml | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    |
| RADIOAKTIVITAS |                                   |               |      |      |      |      |      |      |      |      |      |      |      |      |
| 33             | Gross-A                           | Bq/L          | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    |
| 34             | Gross-B                           | Bq/L          | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    |

Keterangan:

- 57 Sumur Bapak Arjo Suwito, Kricak Kidul RT 35 RW 8
- 58 Sumur Ibu Pur, Sidomulyo, Bener RT 16/4
- 59 Sumur Ibu Tutik, Sidomulyo, Bener RT 16/04
- 60 Sumur Pak Rahman, Beran Lor RT 1 RW 20, Tridadi, Sleman
- 61 Sumur Pak Slamet, Beran Lor RT 1 RW 20 No 3 Tridadi, Sleman
- 62 Sumur Ibu Titik, RT 1 RW 20 No 12, Beran Lor, Tridadi, Sleman
- 63 Sumur Masyarakat RT 29/07, Keparak Lor, Mergangsan, Yogyakarta
- 64 Sumur Bapak Suwamo, Keparak Lor, Mergangsan, Yogyakarta
- 65 Sumur Bapak Warsongo, Rejowinangun RT 25 RW 8 Kotagede
- 66 Sumur Ibu Supami, Rejowinangun RT 25 RW 8 Kotagede
- 67 Sumur Ibu Dewi Astuti, Rejowinangun RT 25 RW 8 Kotagede
- 68 Sumur Ibu Abdul Kadir, Rejowinangun RT 25 RW 8 Kotagede

**Tabel SD-17 : Kualitas Air Laut**  
**Daerah Istimewa Yogyakarta**  
**Tahun Data : 2013**

| No     | Parameter      | Satuan | Bak u Mutu | Lokasi Sampling |         |         |         |         |         |         |         |         |
|--------|----------------|--------|------------|-----------------|---------|---------|---------|---------|---------|---------|---------|---------|
|        |                |        |            | Titik 1         | Titik 2 | Titik 3 | Titik 4 | Titik 5 | Titik 6 | Titik 7 | Titik 8 | Titik 9 |
| (1)    | (2)            | (3)    | (4)        | (5)             | (6)     | (7)     | (8)     | (9)     | (10)    | (11)    | (12)    | (13)    |
| Fisika |                |        |            |                 |         |         |         |         |         |         |         |         |
| 1      | Warna          | CU     |            | -               | -       | -       | -       | -       | -       | -       | -       | -       |
| 2      | Bau            |        |            | -               | -       | -       | -       | -       | -       | -       | -       | -       |
| 3      | Kecerahan      | M      |            | -               | -       | -       | -       | -       | -       | -       | -       | -       |
| 4      | Kekeruhan      | NTU    |            | -               | -       | -       | -       | -       | -       | -       | -       | -       |
| 5      | TSS            | mg/l   |            | -               | -       | -       | -       | -       | -       | -       | -       | -       |
| 6      | Sampah         | -      |            | -               | -       | -       | -       | -       | -       | -       | -       | -       |
| 7      | Lapisan Minyak | -      |            | -               | -       | -       | -       | -       | -       | -       | -       | -       |
| 8      | Temperatur     | oC     |            | 30.00           | -       | 30.00   | 28.00   | 30.00   | 28.00   | 30.00   | 28.00   | 31.00   |
| Kimia  |                |        |            |                 |         |         |         |         |         |         |         |         |
| 9      | pH             |        |            | 8.38            | -       | 8.10    | 8.17    | 8.38    | -       | 8.24    | 8.25    | 8.40    |

| No  | Parameter                  | Satuan | Baku Mutu | Lokasi Sampling |         |         |               |         |         |         |               |         |
|-----|----------------------------|--------|-----------|-----------------|---------|---------|---------------|---------|---------|---------|---------------|---------|
|     |                            |        |           | Titik 1         | Titik 2 | Titik 3 | Titik 4       | Titik 5 | Titik 6 | Titik 7 | Titik 8       | Titik 9 |
| (1) | (2)                        | (3)    | (4)       | (5)             | (6)     | (7)     | (8)           | (9)     | (10)    | (11)    | (12)          | (13)    |
| 10  | Salinitas                  | ‰      |           | 3.08            | -       | 3.15    | 2.98          | 3.08    | -       | 3.11    | 3.18          | 3.10    |
| 11  | DO                         | mg/l   |           | -               | -       | -       | -             | -       | -       | -       | -             | -       |
| 12  | BOD5                       | mg/l   |           | -               | -       | -       | -             | -       | -       | -       | -             | -       |
| 13  | COD                        | mg/l   |           | -               | -       | -       | -             | -       | -       | -       | -             | -       |
| 14  | Amonia total               | mg/l   |           | -               | -       | -       | -             | -       | -       | -       | -             | -       |
| 15  | NO2-N                      | mg/l   |           | -               | -       | -       | -             | -       | -       | -       | -             | -       |
| 16  | NO3-N                      | mg/l   |           | <0,285          | -       | <0,285  | <0,325        | <0,285  | -       | <0,285  | <0,325        | <0,285  |
| 17  | PO4-P                      | mg/l   |           | <2,625          | -       | <2,625  | <4,628        | <2,625  | -       | <2,625  | <4,628        | <2,625  |
| 18  | Sianida (CN <sup>-</sup> ) | mg/l   |           | -               | -       | -       | -             | -       | -       | -       | -             | -       |
| 19  | Sulfida (H2S)              | mg/l   |           | -               | -       | -       | -             | -       | -       | -       | -             | -       |
| 20  | Klor                       | mg/l   |           | -               | -       | -       | -             | -       | -       | -       | -             | -       |
| 21  | Minyak bumi                | mg/l   |           | 6.00            | -       | 4.00    | 2,000 ± 0,000 | 6.00    | -       | 3.00    | 8,000 ± 0,000 | 7.00    |
| 22  | Fenol                      | mg/l   |           | -               | -       | -       | -             | -       | -       | -       | -             | -       |
| 23  | Pestisida                  | mg/l   |           | -               | -       | -       | -             | -       | -       | -       | -             | -       |
| 24  | PCB                        | mg/l   |           | -               | -       | -       | -             | -       | -       | -       | -             | -       |

Keterangan :

- Titik 1 Sadeng (April)
- Titik 2 Sadeng (Agustus)
- Titik 3 Baron 1(April)
- Titik 4 Baron 1(Agustus)
- Titik 5 Baron 2(April)
- Titik 6 Baron 2(Agustus)
- Titik 7 Sundak(April)
- Titik 8 Sundak(Agustus)

**Tabel SD-17 : Kualitas Air Laut (Lanjutan)**  
**Daerah Istimewa Yogyakarta**  
**Tahun Data : 2013**

| No | Parameter      | Satuan | Baku Mutu | Titik 10 | Titik 11 | Titik 12 | Titik 13 | Titik 14 | Titik 15 | Titik 16 | Titik 17 | Titik 18 |
|----|----------------|--------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|    |                |        |           | (14)     | (15)     | (16)     | (17)     | (18)     | (19)     | (20)     | (21)     | (22)     |
|    | Fisika         |        |           |          |          |          |          |          |          |          |          |          |
| 1  | Wama           | CU     |           | -        | -        | -        | -        | -        | -        | -        | -        | -        |
| 2  | Bau            |        |           | -        | -        | -        | -        | -        | -        | -        | -        | -        |
| 3  | Kecerahan      | M      |           | -        | -        | -        | -        | -        | -        | -        | -        | -        |
| 4  | Kekeruhan      | NTU    |           | -        | -        | -        | -        | -        | -        | -        | -        | -        |
| 5  | TSS            | mg/l   |           | -        | -        | -        | -        | -        | -        | -        | -        | -        |
| 6  | Sampah         | -      |           | -        | -        | -        | -        | -        | -        | -        | -        | -        |
| 7  | Lapisan Minyak | -      |           | -        | -        | -        | -        | -        | -        | -        | -        | -        |

|    |               |      |  |               |         |               |   |               |   |               |         |               |
|----|---------------|------|--|---------------|---------|---------------|---|---------------|---|---------------|---------|---------------|
| 8  | Temperatur    | oC   |  | 26.00         | 30.00   | 28.00         |   | 28.00         |   | 28.00         | 31.00   | 28.00         |
|    | Kimia         |      |  |               |         |               |   |               |   |               |         |               |
| 9  | pH            |      |  | 8.24          | 8.43    | 8.16          | - | 8.29          | - | 8.28          | 8.21    | 8.24          |
| 10 | Salinitas     | ‰    |  | 3.19          | 3.09    | 3.17          | - | 3.06          | - | 1.44          | 3.12    | 3.16          |
| 11 | DO            | mg/l |  | -             | -       | -             | - | -             | - | -             | -       | -             |
| 12 | BOD5          | mg/l |  | -             | -       | -             | - | -             | - | -             | -       | -             |
| 13 | COD           | mg/l |  | -             | -       | -             | - | -             | - | -             | -       | -             |
| 14 | Amonia total  | mg/l |  | -             | -       | -             | - | -             | - | -             | -       | -             |
| 15 | NO2-N         | mg/l |  | -             | -       | -             | - | -             | - | -             | -       | -             |
| 16 | NO3-N         | mg/l |  | < 0,325       | < 0,285 | < 0,325       | - | < 0,325       | - | < 0,325       | < 0,285 | < 0,325       |
| 17 | PO4-P         | mg/l |  | < 4,628       | < 2,625 | < 4,628       | - | < 4,628       | - | < 4,628       | < 2,625 | < 4,628       |
| 18 | Stanida (CN-) | mg/l |  | -             | -       | -             | - | -             | - | -             | -       | -             |
| 19 | Sulfida (H2S) | mg/l |  | -             | -       | -             | - | -             | - | -             | -       | -             |
| 20 | Klor          | mg/l |  | -             | -       | -             | - | -             | - | -             | -       | -             |
| 21 | Minyak bumi   | mg/l |  | 3,000 ± 0,000 | 8.0     | 5,000 ± 0,000 | - | 5,000 ± 0,000 | - | 4,000 ± 0,000 | 3.00    | 1,000 ± 0,000 |
| 22 | Fenol         | mg/l |  | -             | -       | -             | - | -             | - | -             | -       | -             |
| 23 | Pestisida     | mg/l |  | -             | -       | -             | - | -             | - | -             | -       | -             |
| 24 | PCB           | mg/l |  | -             | -       | -             | - | -             | - | -             | -       | -             |

Keterangan:

Titik 9           Depok(April)  
 Titik 10          Depok(Agustus)  
 Titik 11          Kuwaru(April)  
 Titik 12          Kuwaru(Agustus)  
 Titik 13          Trisik(April)

Titik 14  
 Titik 15  
 Titik 16  
 Titik 17  
 Titik 18

Trisik(Agustus)  
 Kukup(April)  
 Kukup(Agustus)  
 Glagah(April)  
 Glagah(Agustus)

Sumber : BLH DIY

## D. Udara

**Tabel SD-18 : Kualitas Udara Ambien**

Daerah Istimewa Yogyakarta

Tahun Data : 2013

| No. | Paramet<br>er | Satuan | Lama<br>Pengk<br>uran | Lokasi Pemantauan |               |               |               |               |               |               |              |
|-----|---------------|--------|-----------------------|-------------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|
|     |               |        |                       | 1                 | 2             | 3             | 4             | 5             | 6             | 7             | 8            |
| (1) | (2)           | (3)    | (4)                   | (5)               | (6)           | (7)           | (8)           | (9)           | (10)          | (11)          | (12)         |
| 1.  | SO2           | µg/Nm3 |                       | 38.33<br>00       | 34.980<br>0   | 25.610<br>0   | 36.940<br>0   | 23.520<br>0   | 45.560<br>0   | 18.860<br>0   | 40.530<br>0  |
| 2.  | CO            | µg/Nm3 |                       | 0.122<br>5        | 0.0999<br>738 | 0.1983<br>319 | 0.2870<br>218 | 0.2718<br>603 | 0.2493<br>188 | 0.4444<br>367 | 0.4633<br>97 |
| 3.  | NO2           | µg/Nm3 |                       | 46.63<br>00       | 19.330<br>0   | 24.000<br>0   | 16.670<br>0   | 33.190<br>0   | 72.830<br>0   | 29.330<br>0   | 31.030<br>0  |
| 4.  | O3            | µg/Nm3 |                       | 11.39<br>00       | 5.2400        | 7.6000        | 12.350<br>0   | 6.0600        | 4.6700        | 7.6400        | 12.500<br>0  |
| 5.  | HC            | µg/Nm3 | 3 jam                 | 19.33             | 17.89         | 28.00         | 19.33         | 64.44         | 55.00         | 97.33         | 52.78        |
| 6.  | PM10          | µg/Nm3 | 24 jam                | 76.72             | 91.83         | 63.90         | 40.36         | 37.84         | 51.28         | 37.84         | 48.19        |
| 7.  | PM2.5         | µg/Nm3 |                       | -                 | -             | -             | -             | -             | -             | -             | -            |

|     |                              |                           |        |      |      |      |      |      |      |      |      |
|-----|------------------------------|---------------------------|--------|------|------|------|------|------|------|------|------|
| 8.  | TSP                          | $\mu\text{g}/\text{Nm}^3$ |        | -    | -    | -    | -    | -    | -    | -    | -    |
| 9.  | Pb                           | $\mu\text{g}/\text{Nm}^3$ | 24 jam | 0.94 | 1.13 | 0.77 | 0.50 | 0.48 | 0.63 | 0.46 | 0.59 |
| 10. | Dustfall                     | $\mu\text{g}/\text{Nm}^3$ |        | -    | -    | -    | -    | -    | -    | -    | -    |
| 11. | Total Fluorides sebagai F    | $\mu\text{g}/\text{Nm}^3$ |        | -    | -    | -    | -    | -    | -    | -    | -    |
| 12. | Fluor Index                  | $\mu\text{g}/\text{Nm}^3$ |        | -    | -    | -    | -    | -    | -    | -    | -    |
| 13. | Khlorine & Khlorine Dioksida | $\mu\text{g}/\text{Nm}^3$ |        | -    | -    | -    | -    | -    | -    | -    | -    |
| 14. | Sulphat Index                | $\mu\text{g}/\text{Nm}^3$ |        | -    | -    | -    | -    | -    | -    | -    | -    |

Keterangan :

- 1 Simpang empat Ngeplang Sentolo Kulon Progo
- 2 Simpang tiga Toyan Kulon Progo
- 3 Terminal wates Kulon Progo
- 4 Pertigaan Teteg/Simpang Tiga kulon Progo
- 5 Depan GKBI Medari Sleman
- 6 Perempatan Deggung Sleman
- 7 Depan TVRI Jl. Magelang Yogyakarta
- 8 Depan UPN Seturan JL. Ring Road Utara Sleman

**Tabel SD-18 : Kualitas Udara Ambien (Lanjutan)**  
**Daerah Istimewa Yogyakarta**  
**Tahun Data : 2013**

| No  | Paramet er                | Satu an                    | Lama Pengukur an | Lokasi Pemantauan |           |         |           |           |           |          |          |
|-----|---------------------------|----------------------------|------------------|-------------------|-----------|---------|-----------|-----------|-----------|----------|----------|
|     |                           |                            |                  | 9                 | 10        | 11      | 12        | 13        | 14        | 15       | 16       |
| (1) | (2)                       | (3)                        | (4)              | (13)              | (14)      | (15)    | (16)      | (17)      | (18)      | (19)     | (20)     |
| 1.  | SO <sub>2</sub>           | $\mu\text{g}/\text{N m}^3$ |                  | 19.2900           | 33.2000   | 47.3300 | 32.2600   | 37.9200   | 60.7200   | 33.5300  | 40.3600  |
| 2.  | CO                        | $\mu\text{g}/\text{N m}^3$ |                  | 0.6740786         | 0.6740786 | 0.57    | 0.4143057 | 0.5420175 | 0.0969432 | 0.408786 | 0.841764 |
| 3.  | NO <sub>2</sub>           | $\mu\text{g}/\text{N m}^3$ |                  | 27.7800           | 13.2000   | 22.8000 | 55.0300   | 21.8100   | 31.2300   | 30.2600  | 19.7300  |
| 4.  | O <sub>3</sub>            | $\mu\text{g}/\text{N m}^3$ |                  | 11.4300           | 0.0100    | 7.1800  | 0.0028    | 9.3600    | 4.9400    | 5.4700   | 7.8600   |
| 5.  | HC                        | $\mu\text{g}/\text{N m}^3$ | 3 jam            | 103.44            | 82.78     | 76.00   | 110.89    | 106.00    | 102.33    | 63.78    | 102.33   |
| 6.  | PM <sub>10</sub>          | $\mu\text{g}/\text{N m}^3$ |                  | 34.11             | 54.12     | 81.26   | 44.22     | 36.55     | 63.87     | 15.95    | 20.71    |
| 7.  | PM <sub>2.5</sub>         | $\mu\text{g}/\text{N m}^3$ |                  | -                 | -         | -       | -         | -         | -         | -        | -        |
| 8.  | TSP                       | $\mu\text{g}/\text{N m}^3$ |                  | -                 | -         | -       | -         | -         | -         | -        | -        |
| 9.  | Pb                        | $\mu\text{g}/\text{N m}^3$ |                  | 0.25              | 0.66      | 0.41    | 1.00      | 0.45      | 0.78      | 0.20     | 0.25     |
| 10. | Dustfall                  | $\mu\text{g}/\text{N m}^3$ |                  | -                 | -         | -       | -         | -         | -         | -        | -        |
| 11. | Total Fluorides sebagai F | $\mu\text{g}/\text{N m}^3$ |                  | -                 | -         | -       | -         | -         | -         | -        | -        |
| 12. | Fluor Index               | $\mu\text{g}/\text{N m}^3$ |                  | -                 | -         | -       | -         | -         | -         | -        | -        |

| No  | Parameter                    | Satuan                     | Lama Pengukuran | Lokasi Pemantauan |      |      |      |      |      |      |      |
|-----|------------------------------|----------------------------|-----------------|-------------------|------|------|------|------|------|------|------|
|     |                              |                            |                 | 9                 | 10   | 11   | 12   | 13   | 14   | 15   | 16   |
| (1) | (2)                          | (3)                        | (4)             | (13)              | (14) | (15) | (16) | (17) | (18) | (19) | (20) |
| 13. | Khlorine & Khlorine Dioksida | $\mu\text{g}/\text{N m}^3$ |                 | -                 | -    | -    | -    | -    | -    | -    | -    |
| 14. | Sulphat Index                | $\mu\text{g}/\text{N m}^3$ |                 | -                 | -    | -    | -    | -    | -    | -    | -    |

Keterangan :

- 9 Depan Ruiiko Janti Jl. Laks. Adisucipto yogyakarta
- 10 Depan Kampus STTL Jl. Janti Km.4 Gedong Kuning Yk
- 11 Depan Pasar sepeda Jl. Menteri Supeno Yogyakarta
- 12 Depan Hotel Matahari Jl. Parangtritis Yogyakarta
- 13 Depan RS PKU Muhammadiyah Yogyakarta
- 14 Depan Pasar Beringharjo Jl. Jend. A. Yani 16 Yogyakarta
- 15 Depan ruko Bayeman Jl. Wates Yogyakarta
- 16 Depan Bekas Kantor Merapi Golf Jl. Kaliurang Yogyakarta

**Tabel SD-18 : Kualitas Udara Ambien (Lanjutan)**  
**Daerah Istimewa Yogyakarta**  
**Tahun Data : 2013**

| No  | Parameter                 | Satuan                     | Lama Pengukuran | Lokasi Pemantauan |          |          |           |          |           |           |          |
|-----|---------------------------|----------------------------|-----------------|-------------------|----------|----------|-----------|----------|-----------|-----------|----------|
|     |                           |                            |                 | 17                | 18       | 19       | 20        | 21       | 22        | 23        | 24       |
| (1) | (2)                       | (3)                        | (4)             | (21)              | (22)     | (23)     | (24)      | (25)     | (26)      | (27)      | (28)     |
| 1.  | SO <sub>2</sub>           | $\mu\text{g}/\text{N m}^3$ | 1 jam           | 50.4900           | 26.2000  | 42.4500  | 25.3200   | 33.1700  | 40.3000   | 11.7300   | 29.1300  |
| 2.  | CO                        | $\mu\text{g}/\text{N m}^3$ | 1 jam           | 0.6089607         | 0.615441 | 0.486917 | 0.3609432 | 0.107083 | 0.3366288 | 0.4915895 | 0.338908 |
| 3.  | NO <sub>2</sub>           | $\mu\text{g}/\text{N m}^3$ | 1 jam           | 20.9600           | 28.8600  | 27.8400  | 39.4000   | 20.4600  | 36.1100   | 10.4300   | 51.1800  |
| 4.  | O <sub>3</sub>            | $\mu\text{g}/\text{N m}^3$ | 1 jam           | 10.3000           | 3.4500   | 4.5400   | 7.1700    | 4.1100   | 5.6300    | 7.7500    | 9.7900   |
| 5.  | HC                        | $\mu\text{g}/\text{N m}^3$ | 3 jam           | 102.67            | 87.67    | 80.56    | 100.44    | 96.89    | 56.00     | 57.67     | 44.78    |
| 6.  | PM <sub>10</sub>          | $\mu\text{g}/\text{N m}^3$ | 24 jam          | 25.37             | 32.57    | 35.12    | 34.57     | 38.18    | 96.41     | 84.46     | 86.79    |
| 7.  | PM <sub>2.5</sub>         | $\mu\text{g}/\text{N m}^3$ |                 | -                 | -        | -        | -         | -        | -         | -         | -        |
| 8.  | TSP                       | $\mu\text{g}/\text{N m}^3$ |                 | -                 | -        | -        | -         | -        | -         | -         | -        |
| 9.  | Pb                        | $\mu\text{g}/\text{N m}^3$ | 24 jam          | 0.31              | 0.40     | 0.43     | 0.42      | 0.47     | 1.18      | 1.04      | 1.06     |
| 10. | Dustfall                  | $\mu\text{g}/\text{N m}^3$ |                 | -                 | -        | -        | -         | -        | -         | -         | -        |
| 11. | Total Fluorides sebagai F | $\mu\text{g}/\text{N m}^3$ |                 | -                 | -        | -        | -         | -        | -         | -         | -        |
| 12. | Fluor Index               | $\mu\text{g}/\text{N m}^3$ |                 | -                 | -        | -        | -         | -        | -         | -         | -        |

|     |                              |         |  |   |   |   |   |   |   |   |
|-----|------------------------------|---------|--|---|---|---|---|---|---|---|
| 13. | Khlorine & Khlorine Dioksida | µg/N m3 |  | - | - | - | - | - | - | - |
| 14. | Sulphat Index                | µg/N m3 |  | - | - | - | - | - | - | - |

Keterangan :

- 17 Perempatan Mirota Kampus
- 18 Depan Hotel Shapir Jl. Laks. Adisucipto Yogyakarta
- 19 Depan Kantor Hotel Tentrem (Ex Pizza Hut) Jl. Jend. Sudirman Yk
- 20 Depan Kantor Kecamatan Jetis Jl. Diponegoro Yogyakarta
- 21 Depan Mirota Godean Jalan Godean Km.12 Yogyakarta
- 22 Perempatan Wojo Jl. Imogiri Bara Bantul
- 23 Perempatan Druwo Jl. Parangtritis Bantul
- 24 Depan Toko Besi Selatan Dongkelan Jl. Bantul

**Tabel SD-18 : Kualitas Udara Ambien (Lanjutan)**  
**Daerah Istimewa Yogyakarta**  
**Tahun Data : 2013**

| No  | Parameter                    | Satuan              | Lama Pengukuran | Lokasi Pemantauan |          |           |           |           |           |         |         |
|-----|------------------------------|---------------------|-----------------|-------------------|----------|-----------|-----------|-----------|-----------|---------|---------|
|     |                              |                     |                 | 25                | 26       | 27        | 28        | 29        | 30        | 31      | 32      |
| (1) | (2)                          | (3)                 | (4)             | (29)              | (30)     | (31)      | (32)      | (33)      | (34)      | (35)    | (36)    |
| 1.  | SO <sub>2</sub>              | µg/N m <sup>3</sup> | 1 jam           | 27.9600           | 24.7300  | 36.8700   | 25.4200   | 38.1400   | 31.5300   | 32.5100 | 27.4000 |
| 2.  | CO                           | µg/N m <sup>3</sup> | 1 jam           | 0.1776594         | 0.496917 | 0.2353624 | 0.3324192 | 0.2536332 | 0.2344541 | 518.520 | 905     |
| 3.  | NO <sub>2</sub>              | µg/N m <sup>3</sup> | 1 jam           | 35.9000           | 13.3200  | 17.5200   | 12.7300   | 15.1000   | 14.4900   | 36.4800 | 39.1200 |
| 4.  | O <sub>3</sub>               | µg/N m <sup>3</sup> | 1 jam           | 7.3100            | 8.2500   | 8.0400    | 7.4500    | 10.6100   | 9.4200    | 10.5400 | 10.7900 |
| 5.  | HC                           | µg/N m <sup>3</sup> | 3 jam           | 35.67             | 43.78    | 34.00     | 42.67     | 41.33     | 30.89     | 32.44   | 30.44   |
| 6.  | PM <sub>10</sub>             | µg/N m <sup>3</sup> | 24 jam          | 25.16             | 23.36    | 23.36     | 17.04     | 14.90     | 14.96     | 37.3    | 15.4    |
| 7.  | PM <sub>2.5</sub>            | µg/N m <sup>3</sup> |                 | -                 | -        | -         | -         | -         | -         | -       | -       |
| 8.  | TSP                          | µg/N m <sup>3</sup> |                 | -                 | -        | -         | -         | -         | -         | -       | -       |
| 9.  | Pb                           | µg/N m <sup>3</sup> | 24 jam          | 0.31              | 0.13     | 0.29      | 0.21      | 0.18      | 18.00     | 0.46    | 0.19    |
| 10. | Dustfall                     | µg/N m <sup>3</sup> |                 | -                 | -        | -         | -         | -         | -         | -       | -       |
| 11. | Total Fluorides sebagai F    | µg/N m <sup>3</sup> |                 | -                 | -        | -         | -         | -         | -         | -       | -       |
| 12. | Fluor Index                  | µg/N m <sup>3</sup> |                 | -                 | -        | -         | -         | -         | -         | -       | -       |
| 13. | Khlorine & Khlorine Dioksida | µg/N m <sup>3</sup> |                 | -                 | -        | -         | -         | -         | -         | -       | -       |
| 14. | Sulphat Index                | µg/N m <sup>3</sup> |                 | -                 | -        | -         | -         | -         | -         | -       | -       |

Keterangan :

- 25 Perempatan Gose Jl. Bantul Yogyakarta
- 26 Depan Kec. Patuk Wonosari Gunung Kidul

| No  | Parameter | Satuan | Lama Pengukuran | Lokasi Pemantauan                      |  |                                |                                       |                            |                            |      |      |
|-----|-----------|--------|-----------------|--|--|--------------------------------|---------------------------------------|----------------------------|----------------------------|------|------|
|     |           |        |                 | 25                                     | 26   | 27                             | 28                                    | 29                         | 30                         | 31   | 32   |
| (1) | (2)       | (3)    | (4)             | (29)                                   | (30)   | (31)                           | (32)                                  | (33)                       | (34)                       | (35) | (36) |
|     |           |        |                 | 27                                     | 28   | 29                             | 30                                    | 31                         | 32                         |      |      |
|     |           |        |                 | Perempatan Gading Wonosari Gunungkidul | AB. Simpang Empat, Siyono, Wonosari, Gunungkidul | Terminal Wonosari, Gunungkidul | Perempatan RSUD Wonosari, Gunungkidul | Sebelah Utara PT. Jogjatex | Sebelah Timur PT. Jogjatex |      |      |

**Tabel SD-18 : Kualitas Udara Ambien (Lanjutan)**  
**Daerah Istimewa Yogyakarta**  
**Tahun Data : 2013**

| No  | Parameter                  | Satuan             | Lama Pengukuran | Lokasi Pemantauan |             |             |             |             |             |             |             |
|-----|----------------------------|--------------------|-----------------|-------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
|     |                            |                    |                 | 33                | 34          | 35          | 36          | 37          | 38          | 39          | 40          |
| (1) | (2)                        | (3)                | (4)             | (37)              | (38)        | (39)        | (40)        | (41)        | (42)        | (43)        | (44)        |
| 1.  | SO <sub>2</sub>            | µg/Nm <sup>3</sup> | 1 jam           | 52.890<br>0       | 43.180<br>0 | 54.940<br>0 | 42.290<br>0 | 27.990<br>0 | 38.350<br>0 | 45.770<br>0 | 11.580<br>0 |
| 2.  | CO                         | µg/Nm <sup>3</sup> | 1 jam           | 347               | 1,852       | 90.590      | 357.65<br>0 | 410         | 446         | 261         | 192         |
| 3.  | NO <sub>2</sub>            | µg/Nm <sup>3</sup> | 1 jam           | 37.000<br>0       | 45.530<br>0 | 39.710<br>0 | 14.300<br>0 | 12.270<br>0 | 18.400<br>0 | 13.900<br>0 | 17.880<br>0 |
| 4.  | O <sub>3</sub>             | µg/Nm <sup>3</sup> | 1 jam           | 12.310<br>0       | 14.210<br>0 | 18.260<br>0 | 8.4600      | 6.2900      | 3.4500      | 8.7600      | 2.7100      |
| 5.  | HC                         | µg/Nm <sup>3</sup> | 3 jam           | 22.56             | 22.78       | 43.44       | 66.00       | 36.44       | 43.89       | 23.11       | 55.78       |
| 6.  | PM <sub>10</sub>           | µg/Nm <sup>3</sup> | 24 jam          | 31.0              | 28.9        | 15.8        | 43.6        | 119.7       | 11.3        | 9.0         | 6.8         |
| 7.  | PM <sub>2.5</sub>          | µg/Nm <sup>3</sup> |                 | -                 | -           | -           | -           | -           | -           | -           | -           |
| 8.  | TSP                        | µg/Nm <sup>3</sup> |                 | -                 | -           | -           | -           | -           | -           | -           | -           |
| 9.  | Pb                         | µg/Nm <sup>3</sup> | 24 jam          | 0.38              | 0.35        | 0.19        | 0.53        | 0.47        | 0.14        | 0.11        | 0.08        |
| 10. | Dustfall                   | µg/Nm <sup>3</sup> |                 | -                 | -           | -           | -           | -           | -           | -           | -           |
| 11. | Total Fluorides sebagai F  | µg/Nm <sup>3</sup> |                 | -                 | -           | -           | -           | -           | -           | -           | -           |
| 12. | Fluor Index                | µg/Nm <sup>3</sup> |                 | -                 | -           | -           | -           | -           | -           | -           | -           |
| 13. | Klorine & Klorine Dioksida | µg/Nm <sup>3</sup> |                 | -                 | -           | -           | -           | -           | -           | -           | -           |
| 14. | Sulphat Index              | µg/Nm <sup>3</sup> |                 | -                 | -           | -           | -           | -           | -           | -           | -           |

Keterangan :

- 33 Sebelah Selatan PT. Jogjatex
- 34 Tapak/ PT. Jogjatex
- 35 Sebelah Barat PT. Jogjatex
- 36 Sebelah Utara PT Madu Baru
- 37 Tapak/ PT. Madu Baru Tirtonimolo Kasihan Bantul

- 38 Sebelah Timur PT. Madu Baru  
 39 Sebelah Selatan PT. Madu Baru  
 40 Sebelah Barat PT. Madu Baru

**Tabel SD-18 : Kualitas Udara Ambien (Lanjutan)****Daerah Istimewa Yogyakarta****Tahun Data : 2013**

| No  | Parameter                  | Satuan             | Lama Pengukuran | Lokasi Pemantauan |             |             |             |             |             |             |             |
|-----|----------------------------|--------------------|-----------------|-------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
|     |                            |                    |                 | 41                | 42          | 43          | 44          | 45          | 46          | 47          | 48          |
| (1) | (2)                        | (3)                | (4)             | (45)              | (46)        | (47)        | (48)        | (49)        | (50)        | (51)        | (52)        |
| 1.  | SO <sub>2</sub>            | µg/Nm <sub>3</sub> | 1 jam           | 12.720<br>0       | 13.100<br>0 | 17.850<br>0 | 18.740<br>0 | 13.510<br>0 | 44.280<br>0 | 17.950<br>0 | 41.770<br>0 |
| 2.  | CO                         | µg/Nm <sub>3</sub> | 1 jam           | 420.49<br>0       | 420         | 426         | 879         | 99          | 780         | 554         | 202         |
| 3.  | NO <sub>2</sub>            | µg/Nm <sub>3</sub> | 1 jam           | 9.4400            | 13.590<br>0 | 15.020<br>0 | 26.190<br>0 | 24.240<br>0 | 41.950<br>0 | 14.690<br>0 | 23.100<br>0 |
| 4.  | O <sub>3</sub>             | µg/Nm <sub>3</sub> | 1 jam           | 5.1100            | 5.1100      | 9.7400      | 9.6000      | 5.5700      | 3.4500      | 7.1600      | 6.5900      |
| 5.  | HC                         | µg/Nm <sub>3</sub> | 3 jam           | 35.78             | 54.67       | 41.78       | 24.33       | 31.89       | 114.67      | 29.00       | 87.11       |
| 6.  | PM <sub>10</sub>           | µg/Nm <sub>3</sub> | 24 jam          | 94.3              | 94.3        | 7.5         | 34.1        | 39.4        | 60.8        | 41.1        | 64.2        |
| 7.  | PM <sub>2.5</sub>          | µg/Nm <sub>3</sub> |                 | -                 | -           | -           | -           | -           | -           | -           | -           |
| 8.  | TSP                        | µg/Nm <sub>3</sub> |                 | -                 | -           | -           | -           | -           | -           | -           | -           |
| 9.  | Pb                         | µg/Nm <sub>3</sub> | 24 jam          | 0.16              | 0.56        | 0.09        | 0.42        | 0.48        | 0.75        | 0.50        | 0.79        |
| 10. | Dustfall                   | µg/Nm <sub>3</sub> |                 | -                 | -           | -           | -           | -           | -           | -           | -           |
| 11. | Total Fluorides sebagai F  | µg/Nm <sub>3</sub> |                 | -                 | -           | -           | -           | -           | -           | -           | -           |
| 12. | Fluor Index                | µg/Nm <sub>3</sub> |                 | -                 | -           | -           | -           | -           | -           | -           | -           |
| 13. | Klorine & Klorine Dioksida | µg/Nm <sub>3</sub> |                 | -                 | -           | -           | -           | -           | -           | -           | -           |
| 14. | Sulphat Index              | µg/Nm <sub>3</sub> |                 | -                 | -           | -           | -           | -           | -           | -           | -           |

**Keterangan :**

- 41 PC. GKBI Medari Seman  
 42 Sebelah Barat PC. GKBI Medari  
 43 Sebelah Utsrs PC. GBKI Medari  
 44 Sebelah Timur PC. GKBI Medari  
 45 Sebelah Selatan PC. GKBI Medari  
 46 PT. Aneka Sinendo Sentolo Kulon Progo  
 47 Sebelah Barat PT. Aneka Sinendo  
 48 Sebelah Utara PT. Aneka Sinendo

**Tabel SD-18 : Kualitas Udara Ambien (Lanjutan)**  
**Daerah Istimewa Yogyakarta**  
**Tahun Data : 2013**

| No. | Parameter                  | Satuan             | Lama Pengukuran | Lokasi Pemantauan |             |            |            |              |            |            |            |
|-----|----------------------------|--------------------|-----------------|-------------------|-------------|------------|------------|--------------|------------|------------|------------|
|     |                            |                    |                 | 49                | 50          | 51         | 52         | 53           | 54         | 55         | 56         |
| (1) | (2)                        | (3)                | (4)             | (53)              | (54)        | (55)       | (56)       | (57)         | (58)       | (59)       | (60)       |
| 1.  | SO <sub>2</sub>            | µg/Nm <sub>3</sub> | 1 jam           | 37.840<br>0       | 44.680<br>0 | 15.77      | 9.61       | 10.29        | 21.49      | 35.17      | 42.19      |
| 2.  | CO                         | µg/Nm <sub>3</sub> | 1 jam           | 142               | 646         | 428.8<br>0 | 409.9<br>7 | 1,942.5<br>1 | 819.7<br>2 | 731.6<br>7 | 758.7<br>1 |
| 3.  | NO <sub>2</sub>            | µg/Nm <sub>3</sub> | 1 jam           | 8.7900            | 8.6100      | 13.36      | 13.05      | 22.01        | 24.7       | 18.99      | 60         |
| 4.  | O <sub>3</sub>             | µg/Nm <sub>3</sub> | 1 jam           | 10.270<br>0       | 6.5700      | 19.61      | 14.39      | 13.74        | 11.21      | 7.57       | 7.01       |
| 5.  | HC                         | µg/Nm <sub>3</sub> | 3 jam           | 44.22             | 44.11       | 34.17      | 31.25      | 33.75        | 97.50      | 24.58      | 85.00      |
| 6.  | PM <sub>10</sub>           | µg/Nm <sub>3</sub> | 24 jam          | 15.6              | 17.5        | 59.00      | 34.50      | 40.30        | 17.60      | 48.20      | 56.00      |
| 7.  | PM <sub>2.5</sub>          | µg/Nm <sub>3</sub> |                 | -                 | -           | -          | -          | -            | -          | -          | -          |
| 8.  | TSP                        | µg/Nm <sub>3</sub> |                 | -                 | -           | -          | -          | -            | -          | -          | -          |
| 9.  | Pb                         | µg/Nm <sub>3</sub> | 24 jam          | 0.19              | 0.21        | 0.04       | 0.09       | 0.13         | 0.10       | 0.06       | 0.01       |
| 10. | Dustfall                   | µg/Nm <sub>3</sub> |                 | -                 | -           | -          | -          | -            | -          | -          | -          |
| 11. | Total Fluorides sebagai F  | µg/Nm <sub>3</sub> |                 | -                 | -           | -          | -          | -            | -          | -          | -          |
| 12. | Fluor Index                | µg/Nm <sub>3</sub> |                 | -                 | -           | -          | -          | -            | -          | -          | -          |
| 13. | Klorine & Klorine Dioksida | µg/Nm <sub>3</sub> |                 | -                 | -           | -          | -          | -            | -          | -          | -          |
| 14. | Sulphat Index              | µg/Nm <sub>3</sub> |                 | -                 | -           | -          | -          | -            | -          | -          | -          |

Keterangan :

- 49 Sebelah Timur PT. aneka Sinendo
- 50 Sebelah Selatan PT. Aneka Sinendo
- 51 Perum Nogatirto II, Jl. Kalimantan Rt III F Nogatirto, Gamping, Sleman
- 52 Bapak Santosa RT 15 RW9 Kragilan, Sinduadi, Mati Sleman
- 53 Fakultas Teknik UGM Yogyakarta, Jl. Grafika No. 1
- 54 Asrama Susteran Cabang Gejayan, Jl. Gejayan CT X/26 Santren
- 55 Perum Fak. Teknik UGM, Jl. Seturan, Caturtunggal, Depok, Sleman
- 56 Perempatan Janti Yogyakarta

**Tabel SD-18 : Kualitas Udara Ambien (Lanjutan)**  
**Daerah Istimewa Yogyakarta**  
**Tahun Data : 2013**

| No. | Parameter | Satuan | Lama Pengukuran | Lokasi Pemantauan |      |      |      |      |      |      |      |
|-----|-----------|--------|-----------------|-------------------|------|------|------|------|------|------|------|
|     |           |        |                 | 57                | 58   | 59   | 60   | 61   | 62   | 63   | 64   |
| (1) | (2)       | (3)    | (4)             | (61)              | (62) | (63) | (64) | (65) | (66) | (67) | (68) |

|     |                            |                    |        |        |        |        |        |        |        |         |         |
|-----|----------------------------|--------------------|--------|--------|--------|--------|--------|--------|--------|---------|---------|
| 1.  | SO <sub>2</sub>            | µg/Nm <sup>3</sup> | 1 jam  | 24.07  | 22.89  | 29     | 37.93  | 19.14  | 14.82  | 45.53   | 22.64   |
| 2.  | CO                         | µg/Nm <sup>3</sup> | 1 jam  | 696.62 | 714.49 | 556.21 | 870.86 | 205.34 | 104.59 | 1826.33 | 1710.89 |
| 3.  | NO <sub>2</sub>            | µg/Nm <sup>3</sup> | 1 jam  | 49.52  | 38.93  | 19.44  | 25.26  | 33.93  | 20.27  | 35.09   | 43.63   |
| 4.  | O <sub>3</sub>             | µg/Nm <sup>3</sup> | 1 jam  | 5.14   | 14.68  | 18.87  | 14.41  | 14.59  | 10.60  | 9.74    | 9.35    |
| 5.  | HC                         | µg/Nm <sup>3</sup> | 3 jam  | 103.33 | 61.67  | 37.08  | 3.75   | 5.00   | 12.50  | 10.42   | 12.80   |
| 6.  | PM <sub>10</sub>           | µg/Nm <sup>3</sup> | 24 jam | 56.30  | 71.00  | 74.00  | 36.00  | 37.40  | 56.00  | 17.10   | 18.90   |
| 7.  | PM <sub>2.5</sub>          | µg/Nm <sup>3</sup> |        | -      | -      | -      | -      | -      | -      | -       | -       |
| 8.  | TSP                        | µg/Nm <sup>3</sup> |        | -      | -      | -      | -      | -      | -      | -       | -       |
| 9.  | Pb                         | µg/Nm <sup>3</sup> | 24 jam | 0.10   | 0.05   | 0.08   | 0.04   | 0.04   | 0.10   | 0.09    | 0.09    |
| 10. | Dustfall                   | µg/Nm <sup>3</sup> |        | -      | -      | -      | -      | -      | -      | -       | -       |
| 11. | Total Fluorides sebagai F  | µg/Nm <sup>3</sup> |        | -      | -      | -      | -      | -      | -      | -       | -       |
| 12. | Fluor Index                | µg/Nm <sup>3</sup> |        | -      | -      | -      | -      | -      | -      | -       | -       |
| 13. | Klorine & Klorine Dioksida | µg/Nm <sup>3</sup> |        | -      | -      | -      | -      | -      | -      | -       | -       |
| 14. | Sulphat Index              | µg/Nm <sup>3</sup> |        | -      | -      | -      | -      | -      | -      | -       | -       |

Keterangan :

- 57 Jl. Laksda Adisucipto, Yogyakarta
- 58 Jl. Sabirin 20, Kotabaru, Gondokusuman, Yogyakarta
- 59 Komplek Makam Tompeyan, Jl. Tompeyan no.218 Yogyakarta
- 60 Bendung Sukunan, Patran, Banyuraden, Gamping, Sleman
- 61 Depan Rumah Bpk. Slamet, RT 07 RW 25 Sonopakis Lor, Ngestiharjo, Kasihan, Bantul.
- 62 Depan Rumah Bpk. Hadi Santosa RT 08 RW 2, Serangan, Notoprajan, Ngampilan, Yogyakarta
- 63 Depan Asrama Rohadi Cesman/Kalbar, Jl. Bintaran Tengah 8, Bintaran, Wirogunan, Yogyakarta
- 64 Depan Rumah Bpk. Setyo Utomo RT.41 RW.11, Muja-Muju, Kusumanegara, Yogyakarta

**Tabel SD-18 : Kualitas Udara Ambien (Lanjutan)**  
**Daerah Istimewa Yogyakarta**  
**Tahun Data : 2013**

| No. | Parameter                 | Satuan             | Lama Pengukuran | Lokasi Pemantauan |        |        |         |         |         |         |         |
|-----|---------------------------|--------------------|-----------------|-------------------|--------|--------|---------|---------|---------|---------|---------|
|     |                           |                    |                 | 65                | 66     | 67     | 68      | 69      | 70      | 71      | 72      |
| (1) | (2)                       | (3)                | (4)             | (69)              | (70)   | (71)   | (72)    | (73)    | (74)    | (75)    | (76)    |
| 1.  | SO <sub>2</sub>           | µg/Nm <sup>3</sup> | 1 jam           | 15.46             | 24.3   | 15.76  | 16.15   | 32.37   | 46.51   | 19.06   | 9.58    |
| 2.  | CO                        | µg/Nm <sup>3</sup> | 1 jam           | 1529.32           | 605.36 | 767.75 | 1249.06 | 1345.81 | 1264.49 | 1014.15 | 1680.09 |
| 3.  | NO <sub>2</sub>           | µg/Nm <sup>3</sup> | 1 jam           | 43.57             | 45.22  | 16.4   | 18.87   | 39.09   | 13.48   | 18.96   | 21.94   |
| 4.  | O <sub>3</sub>            | µg/Nm <sup>3</sup> | 1 jam           | 9.37              | 9.09   | 9.29   | 13.05   | 7.25    | 11.25   | 6.60    | 8.66    |
| 5.  | HC                        | µg/Nm <sup>3</sup> | 3 jam           | 10.83             | 80.00  | 27.92  | 17.08   | 82.08   | 2.92    | 2.50    | 12.50   |
| 6.  | PM <sub>10</sub>          | µg/Nm <sup>3</sup> | 24 jam          | 0.21              | 110.00 | 55.00  | 36.00   | 48.00   | 13.90   | 37.00   | 36.80   |
| 7.  | PM <sub>2.5</sub>         | µg/Nm <sup>3</sup> |                 | -                 | -      | -      | -       | -       | -       | -       | -       |
| 8.  | TSP                       | µg/Nm <sup>3</sup> |                 | -                 | -      | -      | -       | -       | -       | -       | -       |
| 9.  | Pb                        | µg/Nm <sup>3</sup> | 24 jam          | 0.09              | 0.09   | 0.09   | 0.03    | 0.07    | 0.11    | 0.06    | 0.08    |
| 10. | Dustfall                  | µg/Nm <sup>3</sup> |                 | -                 | -      | -      | -       | -       | -       | -       | -       |
| 11. | Total Fluorides sebagai F | µg/Nm <sup>3</sup> |                 | -                 | -      | -      | -       | -       | -       | -       | -       |

| No. | Parameter                  | Satuan             | Lama Pengukuran | Lokasi Pemantauan |      |      |      |      |      |      |      |
|-----|----------------------------|--------------------|-----------------|-------------------|------|------|------|------|------|------|------|
|     |                            |                    |                 | 65                | 66   | 67   | 68   | 69   | 70   | 71   | 72   |
| (1) | (2)                        | (3)                | (4)             | (69)              | (70) | (71) | (72) | (73) | (74) | (75) | (76) |
| 12. | Fluor Index                | µg/Nm <sup>3</sup> |                 | -                 | -    | -    | -    | -    | -    | -    | -    |
| 13. | Klorine & Klorine Dioksida | µg/Nm <sup>3</sup> |                 | -                 | -    | -    | -    | -    | -    | -    | -    |
| 14. | Sulphat Index              | µg/Nm <sup>3</sup> |                 | -                 | -    | -    | -    | -    | -    | -    | -    |

Keterangan :

- 65 Depan rumah Bp. Wardani RT.06 RW.24 Wonocatur No. 60 B
- 66 Utara AMP PB.Suradi, Pinggir Ring Road Selatan, Yogyakarta
- 67 Samping Rumah Bpk. Budi Pawiro Gg.Ampel Jl. Kalijogo, RT.60 RW.16, Mergangsan, Yogyakarta
- 68 Permukiman Karanganyar, Brontokusuman, Mergangsan, Yogyakarta
- 69 Joglo Boxing Camp, Jl. Bantul 95, Dukuh, Gedongkiwo, Mantrijeron, Yogyakarta
- 70 Dusun Tersan, Nirmolo Kasihan, Bantul
- 71 Kompleks Makam MSH 7, Sembungan, Bangunjiwo, Kasihan, Bantul.
- 72 Halaman SD Inpres Sawit, Kweni, Panggunharjo, Sewon, Bantul.

**Tabel SD-18 : Kualitas Udara Ambien (Lanjutan)**

**Daerah Istimewa Yogyakarta**

**Tahun Data : 2013**

| No. | Parameter                  | Satuan             | Lama Pengukuran | Lokasi Pemantauan |         |        |        |        |        |        |         |
|-----|----------------------------|--------------------|-----------------|-------------------|---------|--------|--------|--------|--------|--------|---------|
|     |                            |                    |                 | 73                | 74      | 75     | 76     | 77     | 78     | 79     | 80      |
| (1) | (2)                        | (3)                | (4)             | (77)              | (78)    | (79)   | (80)   | (81)   | (82)   | (83)   | (84)    |
| 1.  | SO <sub>2</sub>            | µg/Nm <sup>3</sup> | 1 jam           | 21.53             | 30.33   | 17.63  | 51.67  | 29.59  | 59.14  | 22.75  | 40.27   |
| 2.  | CO                         | µg/Nm <sup>3</sup> | 1 jam           | 1088.23           | 2121.84 | 140.96 | 642.21 | 615.81 | 403.00 | 506.10 | 1225.87 |
| 3.  | NO <sub>2</sub>            | µg/Nm <sup>3</sup> | 1 jam           | 26.51             | 17.94   | 16.45  | 51.79  | 36.55  | 20.19  | 30.76  | 15.42   |
| 4.  | O <sub>3</sub>             | µg/Nm <sup>3</sup> | 1 jam           | 8.31              | 8.80    | 12.99  | 7.07   | 7.66   | 11.10  | 9.08   | 10.59   |
| 5.  | HC                         | µg/Nm <sup>3</sup> | 3 jam           | 25.00             | 8.33    | 12.08  | 96.67  | 88.75  | 89.17  | 50.00  | 29.17   |
| 6.  | PM <sub>10</sub>           | µg/Nm <sup>3</sup> | 24 jam          | 70.00             | 21.20   | 45.00  | 33.3   | 67.5   | 115.0  | 42.1   | 33.0    |
| 7.  | PM <sub>2.5</sub>          | µg/Nm <sup>3</sup> |                 | -                 | -       | -      | -      | -      | -      | -      | -       |
| 8.  | TSP                        | µg/Nm <sup>3</sup> |                 | -                 | -       | -      | -      | -      | -      | -      | -       |
| 9.  | Pb                         | µg/Nm <sup>3</sup> | 24 jam          | 0.08              | 0.08    | 0.03   | 0.068  | 0.074  | 0.106  | 0.087  | 0.104   |
| 10. | Dustfall                   | µg/Nm <sup>3</sup> |                 | -                 | -       | -      | -      | -      | -      | -      | -       |
| 11. | Total Fluorides sebagai F  | µg/Nm <sup>3</sup> |                 | -                 | -       | -      | -      | -      | -      | -      | -       |
| 12. | Fluor Index                | µg/Nm <sup>3</sup> |                 | -                 | -       | -      | -      | -      | -      | -      | -       |
| 13. | Klorine & Klorine Dioksida | µg/Nm <sup>3</sup> |                 | -                 | -       | -      | -      | -      | -      | -      | -       |
| 14. | Sulphat Index              | µg/Nm <sup>3</sup> |                 | -                 | -       | -      | -      | -      | -      | -      | -       |

Keterangan :

- 73 Depan rumah Ibu Yurniati, Jl. Imogiri Km 6, Tanjung, Bangunharjo, Sewon, Bantul.
- 74 Halaman rumah Ibu Sri, Rt 6 Pedukuhan 6 Dsn Nglebeng, Tamanan, Banguntapan, Bantul
- 75 Halaman rumah Bp. Duwar, RT 02/RW 15, Balong Lor, Potorono, Banguntapan, Bantul.
- 76 Depan Ruko janti, Jl. Laks. Adisucipto, Yk.
- 77 Depan Depan Kampus STTL, Jl. Gedongkuning Yk.

| No. | Parameter | Satuan | Lama Pengukuran | Lokasi Pemantauan |      |      |      |      |      |      |      |
|-----|-----------|--------|-----------------|-------------------|------|------|------|------|------|------|------|
|     |           |        |                 | 73                | 74   | 75   | 76   | 77   | 78   | 79   | 80   |
| (1) | (2)       | (3)    | (4)             | (77)              | (78) | (79) | (80) | (81) | (82) | (83) | (84) |

- 78 Depan UPN Seturan, Jl. Ring Road Utara, Sleman  
 79 Simpang Empat, Ngeplang, Sentolo, Kulonprogo, Yk.  
 80 Simpang Tiga Toyan, KP.

**Tabel SD-18 : Kualitas Udara Ambien (Lanjutan)**  
**Daerah Istimewa Yogyakarta**  
**Tahun Data : 2013**

| No. | Parameter                  | Satuan             | Lama Pengukuran | Lokasi Pemantauan |         |         |         |         |         |        |         |
|-----|----------------------------|--------------------|-----------------|-------------------|---------|---------|---------|---------|---------|--------|---------|
|     |                            |                    |                 | 81                | 82      | 83      | 84      | 85      | 86      | 87     | 88      |
| (1) | (2)                        | (3)                | (4)             | (85)              | (86)    | (87)    | (88)    | (89)    | (90)    | (91)   | (92)    |
| 1.  | SO <sub>2</sub>            | µg/Nm <sup>3</sup> | 1 jam           | 23.71             | 30.45   | 33.50   | 34.36   | 25.24   | 36.28   | 21.16  | 40.01   |
| 2.  | CO                         | µg/Nm <sup>3</sup> | 1 jam           | 1120.01           | 1151.37 | 1473.48 | 1382.73 | 1520.99 | 1283.04 | 609.65 | 1111.34 |
| 3.  | NO <sub>2</sub>            | µg/Nm <sup>3</sup> | 1 jam           | 12.48             | 18.12   | 36.11   | 26.85   | 41.87   | 44.48   | 17.07  | 23.37   |
| 4.  | O <sub>3</sub>             | µg/Nm <sup>3</sup> | 1 jam           | 12.48             | 9.05    | 10.07   | 10.16   | 6.10    | 7.88    | 12.90  | 13.39   |
| 5.  | HC                         | µg/Nm <sup>3</sup> | 3 jam           | 25.42             | 40.42   | 79.58   | 56.25   | 49.17   | 57.92   | 116.25 | 85.42   |
| 6.  | PM <sub>10</sub>           | µg/Nm <sup>3</sup> | 24 jam          | 47.5              | 32.0    | 64.3    | 65.4    | 44.0    | 51.0    | 16.4   | 43.0    |
| 7.  | PM <sub>2.5</sub>          | µg/Nm <sup>3</sup> |                 | -                 | -       | -       | -       | -       | -       | -      | -       |
| 8.  | TSP                        | µg/Nm <sup>3</sup> |                 | -                 | -       | -       | -       | -       | -       | -      | -       |
| 9.  | Pb                         | µg/Nm <sup>3</sup> | 24 jam          | 0.120             | 0.088   | 0.097   | 0.098   | 0.059   | 0.077   | 0.123  | 0.128   |
| 10. | Dustfall                   | µg/Nm <sup>3</sup> |                 | -                 | -       | -       | -       | -       | -       | -      | -       |
| 11. | Total Fluorides sebagai F  | µg/Nm <sup>3</sup> |                 | -                 | -       | -       | -       | -       | -       | -      | -       |
| 12. | Fluor Index                | µg/Nm <sup>3</sup> |                 | -                 | -       | -       | -       | -       | -       | -      | -       |
| 13. | Klorine & Klorine Dioksida | µg/Nm <sup>3</sup> |                 | -                 | -       | -       | -       | -       | -       | -      | -       |
| 14. | Sulphat Index              | µg/Nm <sup>3</sup> |                 | -                 | -       | -       | -       | -       | -       | -      | -       |

Keterangan :

- 81 Pertigaan Teteg/ Simpang Tiga, Kulonprogo.  
 82 Terminal Wates, Kulonprogo.  
 83 Depan Toko Besi, Selatan. Dongkelan, Jl. Bantul.  
 84 Perempatan Gose, Jl. Bantul, Yogyakarta  
 85 Perempatan Wojo, Jl. Imogiri Barat, Bantul.  
 86 Perempatan Druwo, Jl. Parangtritis, Bantul  
 87 Depan Kantor Hotel Tentrem, Jl. Jend. Sudirman, Yk.  
 88 Depan Kantor Kecamatan Jetis, Jl. Diponegoro, Yk.

**Tabel SD-18 : Kualitas Udara Ambien (Lanjutan)**  
**Daerah Istimewa Yogyakarta**  
**Tahun Data : 2013**

| No. | Parameter | Satuan | Lama Pengukuran | Lokasi Pemantauan |    |    |    |    |    |    |    |
|-----|-----------|--------|-----------------|-------------------|----|----|----|----|----|----|----|
|     |           |        |                 | 89                | 90 | 91 | 92 | 93 | 94 | 95 | 96 |

| (1) | (2)                          | (3)                | (4)    | (93)   | (94)   | (95)   | (96)    | (97)    | (98)    | (99)    | (100)  |
|-----|------------------------------|--------------------|--------|--------|--------|--------|---------|---------|---------|---------|--------|
| 1.  | SO <sub>2</sub>              | µg/Nm <sup>3</sup> | 1 jam  | 24.78  | 37.99  | 31.10  | 34.24   | 16.03   | 43.47   | 36.07   | 19.88  |
| 2.  | CO                           | µg/Nm <sup>3</sup> | 1 jam  | 572.84 | 805.28 | 420.86 | 1506.05 | 1423.01 | 1582.73 | 1571.68 | 590.95 |
| 3.  | NO <sub>2</sub>              | µg/Nm <sup>3</sup> | 1 jam  | 16.40  | 12.68  | 25.78  | 19.34   | 14.98   | 20.54   | 21.74   | 16.85  |
| 4.  | O <sub>3</sub>               | µg/Nm <sup>3</sup> | 1 jam  | 7.85   | 9.45   | 10.57  | 7.87    | 10.37   | 13.08   | 12.22   | 8.89   |
| 5.  | HC                           | µg/Nm <sup>3</sup> | 3 jam  | 102.08 | 96.67  | 109.58 | 90.83   | 82.50   | 91.25   | 117.08  | 48.33  |
| 6.  | PM <sub>10</sub>             | µg/Nm <sup>3</sup> | 24 jam | 37.0   | 81.5   | 30.0   | 39.3    | 23.8    | 22.7    | 31.0    | 25.0   |
| 7.  | PM <sub>2.5</sub>            | µg/Nm <sup>3</sup> |        | -      | -      | -      | -       | -       | -       | -       | -      |
| 8.  | TSP                          | µg/Nm <sup>3</sup> |        | -      | -      | -      | -       | -       | -       | -       | -      |
| 9.  | Pb                           | µg/Nm <sup>3</sup> | 24 jam | 0.075  | 0.091  | 0.101  | 0.075   | 0.098   | 0.124   | 0.117   | 0.085  |
| 10. | Dustfall                     | µg/Nm <sup>3</sup> |        | -      | -      | -      | -       | -       | -       | -       | -      |
| 11. | Total Fluorides sebagai F    | µg/Nm <sup>3</sup> |        | -      | -      | -      | -       | -       | -       | -       | -      |
| 12. | Fluor Index                  | µg/Nm <sup>3</sup> |        | -      | -      | -      | -       | -       | -       | -       | -      |
| 13. | Khlorine & Khlorine Dioksida | µg/Nm <sup>3</sup> |        | -      | -      | -      | -       | -       | -       | -       | -      |
| 14. | Sulphat Index                | µg/Nm <sup>3</sup> |        | -      | -      | -      | -       | -       | -       | -       | -      |

Keterangan :

- 89 Depan Mirota Godean, Jl. Godean Km 12, Yk.
- 90 Depan TVRI, Jl. Magelang, Yogyakarta.
- 91 Depan Hotel Shapir, Jl. Laks. Adisucipto, Yogyakarta.
- 92 Perempatan Deggung Sleman
- 93 Depan GKBI Medari, Sleman
- 94 Depan Bekas Kantor Merapi Golf Jl. Kaliurang, Yk.
- 95 Perempatan Mirota Kampus.
- 96 Depan Kec. Patuk, Wonosari, Gunungkidul, Yk.

**Tabel SD-18 : Kualitas Udara Ambien (Lanjutan)**  
**Daerah Istimewa Yogyakarta**  
**Tahun Data : 2013**

| No. | Parameter         | Satuan             | Lama Pengukuran | Lokasi Pemantauan |        |         |         |
|-----|-------------------|--------------------|-----------------|-------------------|--------|---------|---------|
|     |                   |                    |                 | 97                | 98     | 99      | 100     |
| (1) | (2)               | (3)                | (4)             | (101)             | (102)  | (103)   | (104)   |
| 1.  | SO <sub>2</sub>   | µg/Nm <sup>3</sup> | 1 jam           | 22.61             | 31.09  | 33.86   | 38.30   |
| 2.  | CO                | µg/Nm <sup>3</sup> | 1 jam           | 844.14            | 474.54 | 1031.28 | 1130.58 |
| 3.  | NO <sub>2</sub>   | µg/Nm <sup>3</sup> | 1 jam           | 39.68             | 17.40  | 19.65   | 22.12   |
| 4.  | O <sub>3</sub>    | µg/Nm <sup>3</sup> | 1 jam           | 8.41              | 9.48   | 9.27    | 11.44   |
| 5.  | HC                | µg/Nm <sup>3</sup> | 3 jam           | 42.08             | 55.00  | 53.75   | 37.92   |
| 6.  | PM <sub>10</sub>  | µg/Nm <sup>3</sup> | 24 jam          | 33.6              | 29.0   | 24.8    | 22.5    |
| 7.  | PM <sub>2.5</sub> | µg/Nm <sup>3</sup> |                 | -                 | -      | -       | -       |
| 8.  | TSP               | µg/Nm <sup>3</sup> |                 | -                 | -      | -       | -       |
| 9.  | Pb                | µg/Nm <sup>3</sup> | 24 jam          | 0.083             | 0.090  | 0.088   | 0.109   |
| 10. | Dustfall          | µg/Nm <sup>3</sup> |                 | -                 | -      | -       | -       |

|     |                            |                           |  |   |   |   |   |
|-----|----------------------------|---------------------------|--|---|---|---|---|
| 11. | Total Fluorides sebagai F  | $\mu\text{g}/\text{Nm}^3$ |  | - | - | - | - |
| 12. | Fluor Index                | $\mu\text{g}/\text{Nm}^3$ |  | - | - | - | - |
| 13. | Klorine & Klorine Dioksida | $\mu\text{g}/\text{Nm}^3$ |  | - | - | - | - |
| 14. | Sulphat Index              | $\mu\text{g}/\text{Nm}^3$ |  | - | - | - | - |

Keterangan :

- 97 Perempatan Gading, Wonosari, Gunungkidul, Yk.
- 98 Simpang Empat Siyono, Wonosari, Gunungkidul, Yk.
- 99 Terminal Wonosari, Gunungkidul, Yk.
- 100 Perempatan RSUD Wonosari, Gunungkidul, Yk.

Sumber : BLH DIY

## E. Laut, Pesisir, dan Pantai

**Tabel SD-19 : Luas Tutupan dan Kondisi Terumbu Karang**

Daerah Istimewa Yogyakarta

Tahun Data : 2013

| No. | Kabupaten/Kota | Luas Tutupan (Ha) | Persentase Luas Terumbu Karang (%) |      |        |       |
|-----|----------------|-------------------|------------------------------------|------|--------|-------|
|     |                |                   | Sangat Baik                        | Baik | Sedang | Rusak |
| (1) | (2)            | (3)               | (4)                                | (5)  | (6)    | (7)   |
| 1   | Gunungkidul    | 5,100             | 5,000                              | 10   | 20     | 70    |
| 2   | Kulon Progo    | 0                 | 0                                  | 0    | 0      | 0     |
| 3   | Bantul         | 0                 | 0                                  | 0    | 0      | 0     |
| 4   | Sleman         | 0                 | 0                                  | 0    | 0      | 0     |
| 5   | Yogyakarta     | 0                 | 0                                  | 0    | 0      | 0     |

Keterangan : Terumbu karang hanya terdapat di Kabupaten Gunungkidul

Sumber : Dinas Kelautan dan Perikanan DIY

**Tabel SD-20 : Luas dan Kerusakan Padang Lamun**

Daerah Istimewa Yogyakarta

Tahun Data : 2013

| No  | Kabupaten/Kota | Luas (Ha) | Persentase Area Kerusakan |
|-----|----------------|-----------|---------------------------|
|     |                |           | (%)                       |
| (1) | (2)            | (3)       | (4)                       |
| 1   | Gunungkidul    | 0         | 0                         |
| 2   | Kulon Progo    | 0         | 0                         |
| 3   | Bantul         | 0         | 0                         |
| 4   | Sleman         | 0         | 0                         |
| 5   | Yogyakarta     | 0         | 0                         |

| No | Kabupaten/Kota | Luas (Ha) | Persentase Area<br>Kerusakan |
|----|----------------|-----------|------------------------------|
|    |                |           | (%)                          |
|    | Total          | 0         | 0                            |

Keterangan : tidak ada padang lamun

Sumber : Dinas kekautan dan Perikanan DIY

**Tabel SD-21 : Luas dan Kerapatan Tutupan Mangrove**

Daerah Istimewa Yogyakarta

Tahun Data : 2013

| No  | Lokasi      | Luas Lokasi<br>(Ha) | Persentase tutupan<br>(%) | Kerapatan<br>(pohon/Ha) |
|-----|-------------|---------------------|---------------------------|-------------------------|
| (1) | (2)         | (3)                 | (4)                       | (5)                     |
| 1   | Gunungkidul | 0                   | 0                         | 0                       |
| 2   | Kulon Progo | 7,07                | 50                        | 10,000                  |
| 3   | Bantul      | 27                  | 75                        | 500                     |
| 4   | Sleman      | 0                   | 0                         | 0                       |
| 5   | Yogyakarta  | 0                   | 0                         | 0                       |
|     | Total       | 129,85              |                           |                         |

Sumber : Dinas Kelautan dan Perikanan DIY

## F. Iklim

**Tabel SD-22 : Rata-rata Curah Hujan Bulanan**

Daerah Istimewa Yogyakarta

Tahun Data : 2013

| No. | Kecamatan    | Curah Hujan Rata-Rata (mm) |       |       |       |       |       |
|-----|--------------|----------------------------|-------|-------|-------|-------|-------|
|     |              | Jan                        | Feb   | Mar   | April | Mei   | Jun   |
| 1   | Panggung     | 474.0                      | 218.0 | 245.0 | 93.0  | 124.0 | 240.0 |
| 2   | Purwosari    | 263.3                      | 115.3 | 195.7 | 137.3 | 178.3 | 351.6 |
| 3   | Paliyan      | 757.0                      | 215.0 | 171.0 | 96.0  | 193.0 | 290.0 |
| 4   | Tepus        | 544                        | 288   | 223   | 128   | 221   | 613   |
| 5   | Tangjungsari | 618                        | 153   | 75    | 109   | 123   | 206   |
| 6   | Rongkop      | 496                        | 41    | 60    | 156   | 208   | X     |
| 7   | Girisubo     | 510                        | 152   | 145   | 136   | 104   | 885   |
| 8   | Gading       | 324                        | 553   | 131   | 200   | 233   | 252   |
| 9   | Ponjong      | 519.0                      | 344.0 | 172.0 | 291.0 | 189.0 | 177.0 |
| 10  | Karangmojo   | 512                        | 329   | 35    | 294   | 247   | 199   |
| 11  | Gandok       | 501.0                      | 372.0 | 127.0 | 161.0 | 136.0 | 160.0 |
| 12  | Playen       | 757                        | 215   | 171   | 96    | 193   | 290   |
| 13  | Patuk        | 260                        | 665   | 307   | 171   | X     | X     |
| 14  | Gedangsari   | 372                        | 268   | 199   | 336   | X     | X     |

| No. | Kecamatan   | Curah Hujan Rata-Rata (mm) |       |       |       |       |       |
|-----|-------------|----------------------------|-------|-------|-------|-------|-------|
|     |             | Jan                        | Feb   | Mar   | April | Mei   | Jun   |
| 15  | Nglipar     | 867                        | 422   | 218   | 276   | 227   | 335   |
| 16  | Ngawen      | 679                        | 510   | 283   | 341   | 462   | 211   |
| 17  | Semin       | 1013                       | 947   | 501   | 585   | 533   | 459   |
| 18  | Barongan    | 240.0                      | 126.0 | 62.0  | 75.0  | 69.0  | 82.0  |
| 19  | Ringinharjo | 907.0                      | 389.0 | 214.0 | 255.0 | 160.0 | 163.0 |
| 20  | Dlingo      | 694.0                      | 602.0 | 148.0 | 270.0 | 165.0 | 291.0 |

## KETERANGAN

X : tidak ada data

0 : tidak ada hujan

TABEL SD-22 : Rata-rata Curah Hujan Bulanan (lanjutan)

Daerah Istimewa Yogyakarta

Tahun Data : 2013

| No. | Kecamatan    | Curah Hujan Rata-Rata (mm) |      |     |       |     |     |
|-----|--------------|----------------------------|------|-----|-------|-----|-----|
|     |              | Jul                        | Agts | Sep | Okt   | Nov | Des |
| 1   | Panggang     | 146.0                      | 1.0  | 0.0 | 5.0   | -   | -   |
| 2   | Purwosari    | 243.9                      | 0.0  | 0.0 | 106.2 | -   | -   |
| 3   | Paliyan      | 143                        | 0    | 0   | 58    | -   | -   |
| 4   | Tepus        | 140                        | 32   | 0   | 57    | -   | -   |
| 5   | Tangjungsari | x                          | x    | x   | x     | -   | -   |
| 6   | Rongkop      | x                          | x    | x   | x     | -   | -   |
| 7   | Girisubo     | x                          | x    | x   | x     | -   | -   |
| 8   | Gading       | 70                         | 0    | 0   | 170   | -   | -   |
| 9   | Ponjong      | 68.0                       | 0.0  | 0.0 | 15.0  | -   | -   |
| 10  | Karangmojo   | x                          | x    | x   | x     | -   | -   |
| 11  | Gandok       | 20.0                       | 0.0  | 0.0 | 74.0  | -   | -   |
| 12  | Playen       | 143                        | 0    | 0   | 58    | -   | -   |
| 13  | Patuk        | x                          | x    | x   | x     | -   | -   |
| 14  | Gedangsari   | x                          | x    | x   | x     | -   | -   |
| 15  | Nglipar      | 126                        | 0    | 0   | 115   | -   | -   |
| 16  | Ngawen       | x                          | x    | x   | x     | -   | -   |
| 17  | Semin        | x                          | x    | x   | x     | -   | -   |
| 18  | Barongan     | 26.0                       | 1.0  | 2.0 | 25.0  | -   | -   |
| 19  | Ringinharjo  | 97.0                       | 3.0  | 7.0 | 58.0  | -   | -   |
| 20  | Dlingo       | 94.0                       | 0.0  | 0.0 | 39.0  | -   | -   |

## KETERANGAN

X : tidak ada data

0 : tidak ada hujan

TABEL SD-22 : Rata-rata Curah Hujan Bulanan (lanjutan)

Daerah Istimewa Yogyakarta

Tahun Data : 2013

| No. | Kecamatan    | Curah Hujan Rata-Rata (mm) |       |       |       |       |       |
|-----|--------------|----------------------------|-------|-------|-------|-------|-------|
|     |              | Jan                        | Feb   | Mar   | April | Mei   | Jun   |
| 21  | Gedongan     | 862.0                      | 439.0 | 357.0 | 155.0 | 297.0 | 372.0 |
| 22  | Kota Gede    | 366.0                      | 268.0 | 160.0 | 155.0 | 98.0  | 91.0  |
| 23  | Ngesti-Harjo | 447.0                      | 425.0 | 265.0 | 185.0 | 203.0 | 193.0 |
| 24  | Ngetal       | 346.0                      | 250.0 | 63.0  | 66.0  | 64.0  | 85.0  |
| 25  | Kokap        | 386                        | 118   | 221   | 154   | 25    | 121   |

| No. | Kecamatan    | Curah Hujan Rata-Rata (mm) |       |       |       |       |       |
|-----|--------------|----------------------------|-------|-------|-------|-------|-------|
|     |              | Jan                        | Feb   | Mar   | Aprl  | Mei   | Jun   |
| 26  | Samigaluh    | 315                        | 309   | 179   | 96    | 284   | 50    |
| 27  | Nyamengan    | 415.0                      | 268.0 | 72.0  | 180.0 | 158.0 | 107.0 |
| 28  | Piyungan     | 308.0                      | 392.0 | 176.6 | 239.0 | 140.0 | 209.0 |
| 29  | Pundong      | 611.0                      | 335.0 | 276.0 | 59.0  | 128.0 | 145.0 |
| 30  | Sedayu       | 513.0                      | 258.5 | 195.0 | 157.0 | 230.0 | 152.0 |
| 31  | Dadapan/Turi | 781.0                      | 570.0 | 505.0 | 369.0 | 391.0 | 184.0 |
| 32  | Ledoknongko  | 400.0                      | 514.0 | 448.0 | 339.0 | 373.0 | 222.0 |
| 33  | Pakem        | 560.0                      | 473.0 | 354.0 | 266.0 | 195.0 | 217.0 |
| 34  | Bronggang    | 506.0                      | 342.0 | 272.0 | 237.0 | 225.0 | 183.0 |
| 35  | Banjarharjo  | 661.0                      | 451.0 | 376.0 | 215.0 | 230.0 | 229.0 |
| 36  | Tempel       | 475.0                      | 405.0 | 261.0 | 313.0 | 222.0 | 127.0 |
| 37  | Rewulu       | 728.0                      | 584.0 | 364.0 | 261.0 | 253.0 | 194.0 |
| 38  | Medari       | 549.0                      | 458.0 | 333.0 | 342.0 | 221.0 | 211.0 |
| 39  | Ngepos       | 463.0                      | 448.0 | 314.0 | 320.0 | 193.0 | 174.0 |
| 40  | Beran        | 463.0                      | 454.0 | 330.0 | 323.0 | 196.0 | 175.0 |

**TABEL SD-22 : Rata-rata Curah Hujan Bulanan (lanjutan)**  
**Daerah Istimewa Yogyakarta**  
**Tahun Data : 2013**

| No. | Kecamatan    | Curah Hujan Rata-Rata (mm) |      |      |       |     |     |
|-----|--------------|----------------------------|------|------|-------|-----|-----|
|     |              | Jul                        | Agts | Sep  | Okt   | Nov | Des |
| 21  | Gedongan     | 274.0                      | 0.0  | 12.0 | 50.0  | -   | -   |
| 22  | Kota Gede    | 42.0                       | 0.0  | 0.0  | 18.0  | -   | -   |
| 23  | Ngestiharjo  | 34.0                       | 0.0  | 0.0  | 93.0  | -   | -   |
| 24  | Ngetal       | 25.0                       | 0.0  | 0.0  | 28.0  | -   | -   |
| 25  | Kokap        | 9.0                        | 2.0  | 4.0  | 6.0   | -   | -   |
| 26  | Samigaluh    | 114                        | 3    | X    | 59    | -   | -   |
| 27  | Nyamengan    | 30.0                       | 0.0  | 0.0  | 41.0  | -   | -   |
| 28  | Piyungan     | 59.0                       | 0.0  | 0.0  | 39.0  | -   | -   |
| 29  | Pundong      | 143.0                      | 0.0  | 0.0  | 49.0  | -   | -   |
| 30  | Sedayu       | 85.0                       | 0.0  | 0.0  | 101.0 | -   | -   |
| 31  | Dadapan/Turi | 123.0                      | 0.0  | 7.0  | -     | -   | -   |
| 32  | Ledoknongko  | 195.0                      | 0.0  | 6.0  | -     | -   | -   |
| 33  | Pakem        | 138.0                      | 0.0  | 1.0  | -     | -   | -   |
| 34  | Bronggang    | 78.0                       | 6.0  | 1.0  | -     | -   | -   |
| 35  | Banjarharjo  | 67.0                       | 0.0  | 0.0  | -     | -   | -   |
| 36  | Tempel       | 160.0                      | 0.0  | 10.0 | -     | -   | -   |
| 37  | Rewulu       | 139.0                      | 0.0  | 0.0  | -     | -   | -   |
| 38  | Medari       | 164.0                      | 0.0  | 9.0  | -     | -   | -   |
| 39  | Ngepos       | 98.0                       | 15.0 | 5.0  | -     | -   | -   |
| 40  | Beran        | 101.0                      | 15.0 | 5.0  | -     | -   | -   |

## KETERANGAN

X : tidak ada data

0 : tidak ada hujan

**TABEL SD-22 : Rata-rata Curah Hujan Bulanan (lanjutan)**  
**Daerah Istimewa Yogyakarta**  
**Tahun Data : 2013**

| No. | Kecamatan | Curah Hujan Rata-Rata (mm) |     |     |      |     |     |
|-----|-----------|----------------------------|-----|-----|------|-----|-----|
|     |           | Jan                        | Feb | Mar | Aprl | Mei | Jun |

|    |                 |       |       |       |       |       |       |
|----|-----------------|-------|-------|-------|-------|-------|-------|
| 41 | Gondangan       | 400.0 | 458.0 | 294.0 | 586.0 | 151.0 | 180.0 |
| 42 | Jangkang        | 444.0 | 397.0 | 312.0 | 305.0 | 222.0 | 257.0 |
| 43 | Dolo            | 504.0 | 424.0 | 250.0 | 414.0 | 168.0 | 228.0 |
| 44 | Kebonagung      | 336.0 | 313.0 | 128.0 | 249.0 | 312.0 | 188.0 |
| 45 | Sendangpitu     | 365.0 | 317.0 | 53.0  | 168.0 | 436.0 | 235.0 |
| 46 | Seyegan         | 296.0 | 352.0 | 210.0 | 237.0 | 190.0 | 106.0 |
| 47 | Cebongan        | 422.0 | 414.0 | 197.0 | 269.0 | 181.0 | 159.0 |
| 48 | Kalasan         | 234.0 | 320.0 | 184.0 | 112.0 | 116.0 | 84.0  |
| 49 | Sambiroto       | 420.0 | 304.0 | 231.0 | 207.0 | 208.0 | 84.0  |
| 50 | Ngentak         | 539.0 | 472.0 | 177.0 | 164.0 | 146.0 | 142.0 |
| 51 | Patukan         | 399.0 | 318.0 | 172.0 | 182.0 | 288.0 | 253.0 |
| 52 | Jambon          | 484.0 | 403.0 | 180.0 | 376.0 | 181.0 | 136.0 |
| 53 | Kolombo         | 442.0 | 291.0 | 259.0 | 304.0 | 154.0 | 144.0 |
| 54 | Maguwoharjo     | 511.0 | 532.0 | 184.0 | 268.0 | 257.0 | 282.0 |
| 55 | Adi Sucipto     | 394.6 | 517.6 | 195.5 | 244.4 | 245.8 | 226.4 |
| 56 | Prambanan       | 537.0 | 384.0 | 284.0 | 331.0 | 116.0 | 200.0 |
| 57 | Trukan          | 420.0 | 367.0 | 238.0 | 349.0 | 223.0 | 247.0 |
| 58 | Berbah          | 503.0 | 422.0 | 264.0 | 204.0 | 271.0 | 185.0 |
| 59 | Ngaglik/Sonayan | 508.0 | 377.0 | 216.0 | 186.0 | 138.0 | 241.0 |

**TABEL SD-22 : Rata-rata Curah Hujan Bulanan (lanjutan)**  
**Daerah Istimewa Yogyakarta**  
**Tahun Data : 2013**

| No. | Kecamatan       | Curah Hujan Rata-Rata (mm) |      |     |     |     |     |
|-----|-----------------|----------------------------|------|-----|-----|-----|-----|
|     |                 | Jul                        | Agts | Sep | Okt | Nov | Des |
| 41  | Gondangan       | 96.0                       | 0.0  | 0.0 | -   | -   | -   |
| 42  | Jangkang        | 108.0                      | 3.0  | 2.0 | -   | -   | -   |
| 43  | Dolo            | 28.0                       | 0.0  | 0.0 | -   | -   | -   |
| 44  | Kebonagung      | 158.0                      | 0.0  | 0.0 | -   | -   | -   |
| 45  | Sendangpitu     | 185.0                      | 0.0  | 0.0 | -   | -   | -   |
| 46  | Seyegan         | 108.0                      | 1.0  | 3.0 | -   | -   | -   |
| 47  | Cebongan        | 65.0                       | 0.0  | 0.0 | -   | -   | -   |
| 48  | Kalasan         | 37.0                       | 0.0  | 0.0 | -   | -   | -   |
| 49  | Sambiroto       | 68.0                       | 0.0  | 0.0 | -   | -   | -   |
| 50  | Ngentak         | 104.0                      | 0.0  | 0.0 | -   | -   | -   |
| 51  | Patukan         | 47.0                       | 0.0  | 0.0 | -   | -   | -   |
| 52  | Jambon          | 69.0                       | 0.0  | 0.0 | -   | -   | -   |
| 53  | Kolombo         | 86.0                       | 0.0  | 0.0 | -   | -   | -   |
| 54  | Maguwoharjo     | 73.0                       | 0.0  | 0.0 | -   | -   | -   |
| 55  | Adi Sucipto     | 78.1                       | 0.6  | 0.9 | -   | -   | -   |
| 56  | Prambanan       | 119.0                      | 0.0  | 0.0 | -   | -   | -   |
| 57  | Trukan          | 164.0                      | 0.0  | 0.0 | -   | -   | -   |
| 58  | Berbah          | 102.0                      | 0.0  | 0.0 | -   | -   | -   |
| 59  | Ngaglik/Sonayan | 78.0                       | 0.0  | 0.0 | -   | -   | -   |

**TABEL SD-22 : Rata-rata Curah Hujan Bulanan (lanjutan)**  
**Daerah Istimewa Yogyakarta**  
**Tahun Data : 2013**

| No. | Kecamatan    | Curah Hujan Rata-Rata (mm) |     |     |       |     |     |
|-----|--------------|----------------------------|-----|-----|-------|-----|-----|
|     |              | Jan                        | Feb | Mar | April | Mei | Jun |
| 60  | Santan barat | 0.0                        | 0.0 | 0.0 | 0.0   | 0.0 | 0.0 |

|    |              |       |       |       |       |       |       |
|----|--------------|-------|-------|-------|-------|-------|-------|
| 61 | Tanjungtirto | 424.0 | 465.0 | 240.0 | 123.0 | 186.0 | 181.0 |
| 62 | Senuko       | 445.0 | 305.0 | 197.0 | 279.0 | 195.0 | 135.0 |
| 63 | Kadirojo     | 436.0 | 371.0 | 269.0 | 242.0 | 221.0 | 317.0 |
| 64 | Tunggularum  | 634.0 | 563.0 | 587.0 | 575.0 | 278.0 | 131.0 |
| 65 | Gondang      | 670.0 | 585.0 | 351.0 | 440.0 | 431.0 | 262.0 |
| 66 | Cepit        | 808.0 | 468.0 | 314.0 | 239.0 | 133.0 | 99.0  |
| 67 | BMG Yogya    | 492.9 | 369.0 | 246.1 | 112.8 | 222.6 | 151.3 |
| 68 | BPTP Yogya   | 112.6 | 320.0 | 12.1  | 6.0   | 178.2 | 169.4 |

Tabel SD-22 : Rata-rata Curah Hujan Bulanan (lanjutan)

Daerah Istimewa Yogyakarta

Tahun Data : 2013

| No. | Kecamatan    | Curah Hujan Rata-Rata (mm) |      |      |     |     |     |
|-----|--------------|----------------------------|------|------|-----|-----|-----|
|     |              | Jul                        | Agts | Sep  | Okt | Nov | Des |
| 60  | Santan barat | 0.0                        | 0.0  | 0.0  | -   | -   | -   |
| 61  | Tanjungtirto | 79.0                       | 0.0  | 0.0  | -   | -   | -   |
| 62  | Senuko       | 102.0                      | 0.0  | 0.0  | -   | -   | -   |
| 63  | Kadirojo     | 101.0                      | 0.0  | 0.0  | -   | -   | -   |
| 64  | Tunggularum  | 141.0                      | 17.0 | 4.0  | -   | -   | -   |
| 65  | Gondang      | 103.0                      | 6.0  | 42.0 | -   | -   | -   |
| 66  | Cepit        | 112.0                      | 0.0  | 0.0  | -   | -   | -   |
| 67  | BMG Yogya    | 62.2                       | 1.8  | 4.5  | -   | -   | -   |
| 68  | BPTP Yogya   | 0.0                        | 0.7  | 0.3  | -   | -   | -   |

Tabel SD-22 : Rata-rata Curah Hujan Bulanan (lanjutan)

Daerah Istimewa Yogyakarta

Tahun Data : 2013

| No. | Nama dan Lokasi Stasiun | Curah Hujan Rata-Rata Bulanan (mm) |      |       |      |      |      |     |      |     |      |      |      |
|-----|-------------------------|------------------------------------|------|-------|------|------|------|-----|------|-----|------|------|------|
|     |                         | Jan                                | Feb  | Mar   | Apr  | Mei  | Jun  | Jul | Agts | Sep | Okt  | Nop  | Des  |
| (1) | (2)                     | (3)                                |      |       |      |      |      |     |      |     |      |      |      |
| 1   | Tegalrejo               | 513                                | 399  | 168   | 486  | 268  | 229  | 0   | 0    | 0   | 0    | 60   | 151  |
| 2   | Jetis                   | 513                                | 399  | 168   | 486  | 268  | 229  | 0   | 0    | 0   | 0    | 60   | 151  |
| 3   | Gondokusuman            | 182                                | 142  | 148   | 85   | 49   | 0    | 0   | 0    | 0   | 138  | 131  | 32   |
| 4   | Danurejan               | 456                                | 417  | 297.5 | 175  | 73.5 | 22.5 | 0   | 0    | 0   | 82.5 | 247  | 482  |
| 5   | Gedongtengen            | 513                                | 399  | 168   | 486  | 268  | 229  | 0   | 0    | 0   | 0    | 60   | 151  |
| 6   | Ngampilan               | 513                                | 399  | 168   | 486  | 268  | 229  | 0   | 0    | 0   | 0    | 60   | 151  |
| 7   | Wirobrajan              | 513                                | 399  | 168   | 486  | 268  | 229  | 0   | 0    | 0   | 0    | 60   | 151  |
| 8   | Mantrijeron             | 456                                | 417  | 297.5 | 175  | 73.5 | 22.5 | 0   | 0    | 0   | 82.5 | 247  | 482  |
| 9   | Kraton                  | 456                                | 417  | 297.5 | 175  | 73.5 | 22.5 | 0   | 0    | 0   | 82.5 | 247  | 482  |
| 10  | Gondomanan              | 182                                | 142  | 148   | 85   | 49   | 0    | 0   | 0    | 0   | 138  | 131  | 32   |
| 11  | Pakualaman              | 182                                | 142  | 148   | 85   | 49   | 0    | 0   | 0    | 0   | 138  | 131  | 32   |
| 12  | Mergangsan              | 456                                | 417  | 297.5 | 175  | 73.5 | 22.5 | 0   | 0    | 0   | 82.5 | 247  | 482  |
| 13  | Umbulharjo              | 182                                | 142  | 148   | 85   | 49   | 0    | 0   | 0    | 0   | 138  | 131  | 32   |
| 14  | Kotagede                | 182                                | 142  | 148   | 85   | 49   | 0    | 0   | 0    | 0   | 138  | 131  | 32   |
|     | TOTAL                   | 5299                               | 4373 | 1580  | 3555 | 1585 | 1145 | 0   | 0    | 0   | 690  | 1943 | 2843 |

**Keterangan :**

- data diperoleh dari 3 stasiun pemantau curah hujan, nilai 0 karena tidak ada hujan di bulan tertentu

| No. | Nama dan Lokasi Stasiun | Curah Hujan Rata-Rata Bulanan (mm) |     |     |     |     |     |     |     |     |     |     |     |
|-----|-------------------------|------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|     |                         | Jan                                | Feb | Mar | Apr | Mei | Jun | Jul | Ags | Sep | Okt | Nop | Des |
| (1) | (2)                     | (3)                                |     |     |     |     |     |     |     |     |     |     |     |

Sumber :

- Dinas Perdagangan, Koperasi dan Pertanian Kota Yogyakarta 2013

**Tabel SD-22 : Rata-rata Curah Hujan Bulanan (lanjutan)**

**Daerah Istimewa Yogyakarta**

**Tahun Data : 2013**

| No. | Nama dan Lokasi Stasiun | Curah Hujan Rata-Rata Bulanan (mm) |        |        |      |      |      |     |     |     |     |      |     |
|-----|-------------------------|------------------------------------|--------|--------|------|------|------|-----|-----|-----|-----|------|-----|
|     |                         | Jan                                | Feb    | Mar    | Apr  | Mei  | Jun  | Jul | Ags | Sep | Okt | Nop  | Des |
| -1  | -2                      | -3                                 |        |        |      |      |      |     |     |     |     |      |     |
| 1   | Barongan                | 240                                | 126    | 62     | 75   | 69   | 82   | 26  | 1   | 2   | 25  | 289  | NA  |
| 2   | CDPU                    |                                    |        |        |      |      |      |     |     |     |     |      |     |
| 2   | Bantul                  | 907                                | 389    | 214    | 255  | 160  | 163  | 97  | 3   | 7   | 58  | 367  | NA  |
| 3   | Dlingo                  | 694                                | 602    | 148    | 270  | 165  | 291  | 94  | 0   | 0   | 39  | 379  | NA  |
| 4   | Gandok                  | 501                                | 372    | 127    | 161  | 136  | 160  | 20  | 0   | 0   | 74  | 230  | NA  |
| 5   | Gedongan                | 862                                | 439    | 357    | 155  | 297  | 372  | 274 | 0   | 12  | 50  | 702  | NA  |
| 6   | Kotagede                | 366                                | 268    | 160    | 155  | 98   | 91   | 42  | 0   | 0   | 18  | 108  | NA  |
| 7   | Ngestiharjo             | 447                                | 425    | 265    | 185  | 203  | 193  | 34  | 0   | 0   | 93  | 477  | NA  |
| 8   | Ngetal                  | 346                                | 250    | 63     | 66   | 64   | 85   | 25  | 0   | 0   | 28  | 265  | NA  |
| 9   | Nyemengan               | 415                                | 268    | 72     | 180  | 158  | 107  | 30  | 0   | 0   | 41  | 212  | NA  |
| 10  | Piyungan                | 308                                | 392    | 176.6  | 239  | 140  | 209  | 59  | 0   | 0   | 39  | 266  | NA  |
| 11  | Pundong                 | 611                                | 335    | 276    | 59   | 128  | 145  | 143 | 0   | 0   | 49  | 295  | NA  |
| 12  | Sedayu                  | 513                                | 258.5  | 195    | 157  | 230  | 152  | 85  | 0   | 0   | 101 | 313  | NA  |
|     | TOTAL                   | 6210                               | 4124.5 | 2115.6 | 1957 | 1848 | 2050 | 929 | 4   | 21  | 615 | 3903 | NA  |

**Tabel SD-22 : Rata-rata Curah Hujan Bulanan (lanjutan)**

**Daerah Istimewa Yogyakarta**

**Tahun Data : 2013**

| No | Nama dan Lokasi Stasiun | Curah Hujan Rata-Rata Bulanan (mm) |     |     |     |     |     |     |     |     |     |     |     |
|----|-------------------------|------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|    |                         | Jan                                | Feb | Mar | Apr | Mei | Jun | Jul | Ags | Sep | Okt | Nop | Des |
| -1 | -2                      | -3                                 | -4  | -5  | -6  | -7  | -8  | -9  | -10 | -11 | -12 | -13 | -14 |
| 1  | Dadapan/Turi            | 31                                 | 26  | 32  | 23  | 39  | 14  | 10  | 0   | 4   | 12  | 19  | 30  |
| 2  | Ledokngoko              | 15                                 | 23  | 28  | 21  | 37  | 7   | 20  | 0   | 6   | 20  | 24  | 17  |
| 3  | Pakem                   | 24                                 | 22  | 27  | 15  | 20  | 11  | 10  | 0   | 1   | 18  | 18  | 22  |
| 4  | Bronggang               | 21                                 | 17  | 21  | 17  | 19  | 12  | 8   | 3   | 1   | 13  | 15  | 20  |
| 5  | Banjarharjo             | 28                                 | 19  | 24  | 13  | 19  | 14  | 7   | 1   | 0   | 14  | 19  | 16  |
| 6  | Tempel                  | 21                                 | 17  | 16  | 18  | 32  | 12  | 16  | 0   | 10  | 31  | 25  | 24  |
| 7  | Rewulu                  | 40                                 | 32  | 33  | 26  | 23  | 16  | 20  | 0   | 0   | 25  | 27  | 20  |
| 8  | Medari                  | 26                                 | 23  | 24  | 26  | 25  | 19  | 14  | 0   | 9   | 38  | 22  | 37  |
| 9  | Ngepos                  | 21                                 | 25  | 20  | 23  | 19  | 11  | 9   | 8   | 5   | 41  | 17  | 23  |
| 10 | Beran                   | 21                                 | 25  | 19  | 23  | 20  | 11  | 9   | 8   | 5   | 41  | 17  | 24  |
| 11 | Plumbon                 | 27                                 | 27  | 21  | 59  | 76  | 45  | 48  | 0   | 0   | 41  | 46  | 60  |
| 12 | Jangkang                | 21                                 | 17  | 21  | 17  | 17  | 15  | 11  | 3   | 2   | 11  | 20  | 17  |
| 13 | Dolo                    | 24                                 | 21  | 21  | 24  | 24  | 21  | 28  | 0   | 0   | 17  | 21  | 29  |

|    |                 |     |     |     |     |     |     |     |    |    |     |     |     |
|----|-----------------|-----|-----|-----|-----|-----|-----|-----|----|----|-----|-----|-----|
| 14 | Kebonagung      | 22  | 20  | 21  | 19  | 31  | 16  | 26  | 0  | 0  | 19  | 25  | 26  |
| 15 | Sendangpitu     | 21  | 29  | 9   | 14  | 31  | 34  | 31  | 0  | 0  | 40  | 27  | 27  |
| 16 | Seyegan         | 16  | 19  | 16  | 17  | 16  | 7   | 12  | 1  | 3  | 17  | 19  | 20  |
| 17 | Cebongan        | 22  | 26  | 15  | 27  | 23  | 12  | 9   | 0  | 0  | 36  | 24  | 26  |
| 18 | Kalasan         | 14  | 18  | 20  | 16  | 19  | 14  | 12  | 0  | 0  | 16  | 15  | 13  |
| 19 | Sambiroto       | 19  | 17  | 19  | 13  | 30  | 14  | 11  | 0  | 0  | 15  | 20  | 15  |
| 20 | Ngentak         | 24  | 23  | 30  | 12  | 21  | 12  | 26  | 0  | 0  | 19  | 21  | 13  |
| 21 | Patukan         | 28  | 20  | 25  | 17  | 29  | 21  | 16  | 0  | 0  | 17  | 31  | 21  |
| 22 | Jambon          | 27  | 29  | 18  | 29  | 20  | 14  | 14  | 0  | 0  | 24  | 29  | 25  |
| 23 | Kolombo         | 22  | 17  | 17  | 18  | 12  | 11  | 8   | 0  | 0  | 7   | 14  | 18  |
| 24 | Maguwoharjo     | 43  | 41  | 31  | 21  | 37  | 40  | 24  | 0  | 0  | 20  | 33  | 27  |
| 25 | Prambanan       | 32  | 20  | 26  | 24  | 15  | 18  | 13  | 0  | 0  | 14  | 21  | 17  |
| 26 | Trukan          | 26  | 22  | 20  | 23  | 14  | 19  | 13  | 0  | 0  | 13  | 9   | 17  |
| 27 | Berbah          | 29  | 37  | 33  | 20  | 30  | 26  | 20  | 0  | 0  | 14  | 20  | 26  |
| 28 | Ngaglik/Sonayan | 30  | 23  | 22  | 12  | 10  | 20  | 10  | 0  | 0  | 10  | 14  | 19  |
| 29 | Kali Pentung    | 28  | 31  | 27  | 12  | 23  | 26  | 13  | 0  | 0  | 13  | 22  | 19  |
| 30 | Senuko          | 23  | 17  | 22  | 21  | 20  | 10  | 15  | 0  | 0  | 18  | 27  | 24  |
| 31 | Kadirojo        | 27  | 21  | 21  | 19  | 111 | 32  | 13  | 0  | 0  | 15  | 22  | 21  |
| 32 | Tunggularum     | 25  | 41  | 35  | 30  | 28  | 8   | 13  | 3  | 2  | 23  | 41  | 29  |
| 33 | Gondang         | 26  | 19  | 17  | 20  | 27  | 15  | 9   | 6  | 21 | 30  | 22  | 20  |
| 34 | Cepit           | 33  | 19  | 15  | 15  | 17  | 7   | 12  | 0  | 6  | 25  | 23  | 14  |
|    | <b>TOTAL</b>    | 861 | 801 | 763 | 704 | 930 | 585 | 529 | 32 | 75 | 724 | 767 | 775 |

Sumber : BMKG Yogyakarta

**Tabel SD-23 : Suhu Rata-rata Bulanan**

Daerah Istimewa Yogyakarta

Tahun Data : 2013

| No. | Kecamatan                    | Suhu Rata-Rata Bulanan (derajat celsius) |      |      |       |      |      |
|-----|------------------------------|--|------|------|-------|------|------|
|     |                              | Jan                                      | Feb  | Mar  | April | Mei  | Jun  |
| 1   | Wates                        | 28.1                                     | 27.5 | 28.3 | 28.5  | 28.2 | 28.0 |
| 2   | Bantul                       | 27.9                                     | 28.3 | 28.1 | 27.3  | 28.0 | 26.8 |
| 3   | Kota Yogyakarta              | 26.6                                     | 26.0 | 26.8 | 27.0  | 26.7 | 26.5 |
| 4   | Stasiun Geofisika Yogyakarta | 28.2                                     | 26.6 | 26.4 | 26.9  | 26.6 | 26.6 |
| 5   | Pakem                        | 25.5                                     | 24.6 | 24.7 | 25.1  | 25.0 | 24.2 |
| 6   | Sleman                       | 28.8                                     | 27.4 | 27.2 | 26.2  | 25.9 | 28.5 |
| 7   | Wonosari                     | 26.7                                     | 25.4 | 26.2 | 26.4  | 26.1 | 25.9 |

**Tabel SD-23 : Suhu Rata-rata Bulanan (Lanjutan)**

Daerah Istimewa Yogyakarta

Tahun Data : 2013

| No. | Kecamatan | Suhu Rata-Rata Bulanan (derajat celsius) |      |      |      |     |     |
|-----|-----------|--|------|------|------|-----|-----|
|     |           | Jul                                      | Agts | Sep  | Okt  | Nov | Des |
| 1   | Wates     | 26.9                                     | 26.5 | 27.0 | 27.7 | -   | -   |

|   |                              |      |      |      |       |   |   |
|---|------------------------------|------|------|------|-------|---|---|
| 2 | Bantul                       | 26.6 | 26.3 | 26.8 | 27.5  | - | - |
| 3 | Kota Yogyakarta              | 26.3 | 26   | 26.5 | 28.2  | - | - |
| 4 | Stasiun Geofisika Yogyakarta | 25.9 | 26.6 | 27.1 | 297.8 | - | - |
| 5 | Pakem                        | 22.9 | 23.2 | 26.3 | 278.2 | - | - |
| 6 | Sleman                       | 26.5 | 26.2 | 25.7 | 28.4  | - | - |
| 7 | Wonosari                     | 25.7 | 25.9 | 27.9 | 28.6  | - | - |

Keterangan :  
Sumber : BMKG Yogyakarta

### Tabel SD-24 : Kualitas Air Hujan

Daerah Istimewa Yogyakarta

Tahun Data : 2013

| No  | Parameter        | Satuan              | Waktu Pemantauan |        |        |         |     |     |         |         |      |      |       |       |
|-----|------------------|---------------------|------------------|--------|--------|---------|-----|-----|---------|---------|------|------|-------|-------|
|     |                  |                     | Jan              | Feb    | Mar    | Apr     | Mei | Jun | Jul     | Ags     | Sep  | Okt  | Nop   | Des   |
| (1) | (2)              | (3)                 | (4)              | (5)    | (6)    | (7)     | (8) | (9) | (10)    | (11)    | (12) | (13) | (14)  | (15)  |
| 1   | pH               | -                   | 8.1              | 8.0    | 7.11   | 7.75    | NA  | NA  | 6,83    | 6,89    | NA   | NA   | 7,20  | 7,12  |
| 2   | DHL              | $\mu\text{mhos/cm}$ | 28.8             | 27.2   | 58.9   | 20.5    | NA  | NA  | -       | -       | NA   | NA   | 46    | 122   |
| 3   | SO <sub>4</sub>  | mg/l                | 0.1016           | 0.1218 | 0.0399 | 0.03235 | NA  | NA  | 3,564   | 3,748   | NA   | NA   | 0     | 0     |
| 4   | NO <sub>3</sub>  | mg/l                | -                | -      | -      | -       | NA  | NA  | < 0,001 | < 0,001 | NA   | NA   | 0,5   | 0,4   |
| 5   | Cr               | mg/l                | -                | -      | -      | -       | NA  | NA  | NA      | NA      | NA   | NA   | 0,059 | 0,061 |
| 6   | NH <sub>4</sub>  | mg/l                | 0.0536           | 0.008  | 0.0617 | 0.02665 | NA  | NA  | NA      | NA      | NA   | NA   | 0,38  | 0,27  |
| 7   | Na               | mg/l                | -                | -      | -      | -       | NA  | NA  | NA      | NA      | NA   | NA   | 0     | 0     |
| 8   | Ca <sup>2+</sup> | mg/l                | -                | -      | -      | -       | NA  | NA  | NA      | NA      | NA   | NA   | 0     | 0     |
| 9   | Mg <sup>2+</sup> | mg/l                | -                | -      | -      | -       | NA  | NA  | NA      | NA      | NA   | NA   | 0     | 0     |

Keterangan : (-) Parameter tidak diujikan  
Sumber : BLH Bantul

## G. Bencana Alam

### Tabel BA-1. Bencana Banjir, Korban, dan Kerugian

Daerah Istimewa Yogyakarta

Tahun Data : 2013

| No  | Kecamatan   | Total Area Terendam (Ha) | Jumlah Korban |           | Perkiraan Kerugian (Rp.) |
|-----|-------------|--------------------------|---------------|-----------|--------------------------|
|     |             |                          | Mengungsi     | Meninggal |                          |
| (1) | (2)         | (3)                      | (4)           | (5)       | (6)                      |
| 1   | Gunungkidul | 0                        | 0             | 0         | 0                        |
| 2   | Kulon Progo | 214                      | 0             | 0         | 1,345,000,000            |
| 3   | Bantul      |                          |               |           | 11,700,000               |
| 4   | Sleman      | 0,10                     | 0             | 0         | 16,000,000               |

|        |            |     |   |   |               |
|--------|------------|-----|---|---|---------------|
| 5      | Yogyakarta | 0   | 0 | 0 | -             |
| Jumlah |            | 214 | 0 | 0 | 1,372,700,000 |

Keterangan : Tidak terjadi bencana kekeringan di Kabupaten Kulon Progo tahun 2013

Sumber : Badan Penanggulangan Bencana Daerah (BPBD) Kab/Kota se-DIY

**Tabel BA-2. Bencana Kekeringan, Luas, dan Kekeringan  
Daerah Istimewa Yogyakarta  
Tahun Data : 2013**

| No     | Kecamatan   | Total Area | Perkiraan Kerugian |
|--------|-------------|------------|--------------------|
|        |             | (Ha)       | (Rp)               |
| (1)    | (2)         | (3)        | (4)                |
| 1      | Gunungkidul | 0          | 0                  |
| 2      | Kulon Progo | 0          | 0                  |
| 3      | Bantul      | 0          | 0                  |
| 4      | Sleman      | 156        | 262,000,000        |
| 5      | Yogyakarta  |            |                    |
| Jumlah |             | 156        | 262,000,000        |

Keterangan: Tidak terjadi bencana kekeringan di Kabupaten Kulon Progo tahun 2013

Sumber: Badan Penanggulangan Bencana Daerah (BPBD) Kab/Kota se-DIY

**Tabel BA-3. Bencana Kebakaran Hutan/Lahan, Luas, dan Kerugian  
Daerah Istimewa Yogyakarta  
Tahun Data : 2013**

| No     | Kecamatan   | Perkiraan Luas Hutan/<br>Lahan Terbakar | Perkiraan Kerugian (Rp.) |
|--------|-------------|---|--------------------------|
|        |             | (Ha)                                    |                          |
| (1)    | (2)         | (3)                                     | (4)                      |
| 1      | Gunungkidul | 0                                       | 0                        |
| 2      | Kulon Progo | 0                                       | 0                        |
| 3      | Bantul      | 0.4                                     | 398,000,000              |
| 4      | Sleman      | 0.01                                    | 700,000                  |
| 5      | Yogyakarta  | 0                                       | 0                        |
| Jumlah |             | 0.41                                    | 398,700,000              |

Keterangan : (0) tidak ada kejadian bencana kebakaran hutan

Sumber : Badan Penanggulangan Bencana Daerah (BPBD) Kab/Kota se-DIY

**Tabel BA-4. Bencana Alam Tanah Longsor dan Gempa Bumi, Korban, Kerugian**  
**Daerah Istimewa Yogyakarta**  
**Tahun Data : 2013**

| No    | Kecamatan   | Jenis Bencana | Jumlah Korban Meninggal | Perkiraan Kerugian |
|-------|-------------|---------------|-------------------------|--------------------|
|       |             |               | (jiwa)                  | (Rp.)              |
| (1)   | (2)         | (3)           | (4)                     | (5)                |
| 1     | Gunungkidul | Tanah longsor | 3                       | 1,137,350,000      |
| 2     | Kulon Progo | Tanah longsor | 0                       | 202,800,000        |
| 3     | Bantul      | Tanah longsor | 0                       | 165,000,000        |
| 4     | Sleman      | Tanah longsor | 0                       | 9,000,000          |
| 5     | Yogyakarta  | Tanah longsor | 0                       | -                  |
| Total |             |               | 3                       | 1,514,150,000      |

Keterangan : (0) tidak ada kejadian

Sumber : Badan Penanggulangan Bencana Daerah (BPBD) Kab/Kota se-DIY

## BAB 2. TEKANAN TERHADAP LINGKUNGAN

### A. Demografi

**Tabel DE-1 : Luas Wilayah, Jumlah Penduduk, Pertumbuhan Penduduk dan Kepadatan Penduduk menurut Kabupaten/Kota**

Daerah Istimewa Yogyakarta

Tahun Data : 2013

| No.   | Kabupaten/Kota | Luas (km <sup>2</sup> ) | Jumlah Penduduk | Pertumbuhan Penduduk (%) | Kepadatan Penduduk (%) |
|-------|----------------|-------------------------|-----------------|--------------------------|------------------------|
| (1)   | (2)            | (3)                     | (4)             | (5)                      | (6)                    |
| 1     | Kulonprogo     | 586,27                  | 393,221         | 0,48                     | 671                    |
| 2     | Bantul         | 506,85                  | 927,956         | 1,57                     | 1,831                  |
| 3     | Gunungkidul    | 1.485,36                | 684,740         | 0,07                     | 461                    |
| 4     | Sleman         | 574,82                  | 1,114,833       | 1,96                     | 1,939                  |
| 5     | Yogyakarta     | 32,50                   | 394,012         | -0,21                    | 12,123                 |
| Total |                | 3185,80                 | 3,514,762       | 1,04                     | 1,103                  |

Keterangan : Estimasi penduduk 2013 berdasarkan hasil SP2010

Sumber : BPS Provinsi DIY

**Tabel DE-2 : Jumlah Penduduk Laki-Laki dan Perempuan**

Daerah Istimewa Yogyakarta

Tahun Data : 2013

| No.   | Kabupaten/Kota | Jenis Kelamin |           | Jumlah    |
|-------|----------------|---------------|-----------|-----------|
|       |                | Laki-Laki     | Perempuan |           |
| (1)   | (2)            | (3)           | (4)       | (5)       |
| 1     | Kulonprogo     | 192,828       | 200,393   | 393,221   |
| 2     | Bantul         | 462,695       | 465,261   | 927,956   |
| 3     | Gunungkidul    | 331,230       | 353,510   | 684,740   |
| 4     | Sleman         | 558,773       | 556,060   | 1,114,833 |
| 5     | Yogyakarta     | 191,758       | 202,254   | 394,012   |
| Total |                | 1,737,217     | 1,777,545 | 3,514,762 |

Keterangan : Estimasi penduduk 2013 berdasarkan hasil SP2010

Sumber : BPS Provinsi DIY

**Tabel DE-3 : Penduduk di Wilayah Pesisir dan Laut**

Daerah Istimewa Yogyakarta

Tahun Data : 2013

| No. | Kabupaten/Kota | Jumlah Desa | Jumlah Penduduk | Jumlah Rumah Tangga |
|-----|----------------|-------------|-----------------|---------------------|
|-----|----------------|-------------|-----------------|---------------------|

| (1)   | (2)         | (3) | (4)     | (5)    |
|-------|-------------|-----|---------|--------|
| 1     | Kulonprogo  | 10  | 34,319  | 9,747  |
| 2     | Bantul      | 5   | 41,186  | 12,281 |
| 3     | Gunungkidul | 18  | 84,991  | 23,819 |
| 4     | Sleman      | 0   | 0       | 0      |
| 5     | Yogyakarta  | 0   | 0       | 0      |
| Total |             | 33  | 160,496 | 45,847 |

Keterangan : Pengolahan berdasarkan hasil SP2010

Sumber : BPS Provinsi DIY

**Tabel DS-1 : Jumlah Penduduk Laki-Laki dan Perempuan Menurut Tingkatan Pendidikan Daerah Istimewa Yogyakarta Tahun Data : 2013**

| N o.   | Kabupaten/Kota | Tidak Sekolah |           | SD        |           | SLTP      |           | SLTA      |           |
|--------|----------------|---------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
|        |                | Laki-Laki     | Perempuan | Laki-Laki | Perempuan | Laki-Laki | Perempuan | Laki-Laki | Perempuan |
| (1)    | (2)            | (3)           | (4)       | (5)       | (6)       | (7)       | (8)       | (9)       | (10)      |
| 1      | Kulonprogo     | 4,653         | 16,224    | 66,233    | 75,373    | 34,014    | 33,780    | 50,293    | 40,993    |
| 2      | Bantul         | 9,331         | 39,644    | 135,883   | 142,017   | 89,359    | 71,094    | 130,506   | 118,641   |
| 3      | Gunungkidul    | 22,272        | 62,242    | 140,949   | 138,537   | 71,815    | 70,382    | 45,150    | 35,330    |
| 4      | Sleman         | 9,319         | 31,191    | 116,992   | 143,646   | 80,405    | 74,135    | 207,609   | 165,004   |
| 5      | Yogyakarta     | 1,092         | 4,377     | 31,684    | 40,537    | 27,095    | 31,592    | 73,104    | 73,966    |
| Jumlah |                | 46,667        | 153,678   | 491,741   | 540,110   | 302,688   | 280,983   | 506,662   | 433,934   |

Keterangan : Pengolahan data berdasarkan hasil Susenas 2012, penduduk berumur 10 tahun ke atas, S2 dan S3 pengumpulan datanya masih jadi satu Pendidikan SD termasuk yang pernah sekol

Sumber : BPS DIY

## H. Sosial Ekonomi

**Tabel SE-1: Jumlah Rumah Tangga Miskin Menurut Kabupaten/Kota Daerah Istimewa Yogyakarta Tahun Data : 2012**

| No. | Kabupaten/Kota | Jumlah Rumah Tangga | Jumlah Rumah Tangga Miskin |
|-----|----------------|---------------------|----------------------------|
| 1   | Kulonprogo     | 127.357 (*)         | 52.895 (v)                 |
| 2   | Bantul         | 250.408 (*)         | 112.300 (v)                |
| 3   | Gunungkidul    | 219.697 (*)         | 99.277 (v)                 |
| 4   | Sleman         | 241.774 (*)         | 76.356 (v)                 |
| 5   | Yogyakarta     | 89.892 (*)          | 20.253 (v)                 |

Sumber: BKKBN Pemutakhiran Data Keluarga (\*) dan Dinas Sosial DIY Basis Data Terpadu untuk Program Perlindungan Sosial (v), Maret 2012

## I. Sumber Pencemaran

**Tabel SP-5. Perkiraan Volume Limbah Padat berdasarkan Sarana Transportasi Daerah Istimewa Yogyakarta Tahun Data : 2013**

| No.   | Nama Tempat Sarana Transportasi                | Tipe/ Jenis/ Klasifikasi | Lokasi                               | Luas Kawasan (Ha) | Volume Limbah Padat (m <sup>3</sup> /hari) |
|-------|--|--------------------------|--------------------------------------|-------------------|--|
| (1)   | (2)  | (3)                      | (4)                                  | (5)               | (6)  |
| Darat |  |                          |                                      |                   |  |
| 1     | Terminal Penumpang Tipe A Dhaksinarga Wonosari | A                        | Desa Selang, Wonosari, Gunungkidul   | 5.1               | 3.86                                       |
| 2     | Terminal Bus Wates                             | B                        | Wates                                | 0.79              | 1.5  |
| 3     | Sub Terminal Bus Jangkaran                     | C                        | Temon                                | 0.07              | 0.25                                       |
| 4     | Sub Terminal Bus Brosot                        | C                        | Galur                                | 0,10              | 0.25                                       |
| 5     | Sub Terminal Bus Sentolo                       | C                        | Sentolo                              | 0,10              | 0.5  |
| 6     | Sub Terminal Bus Kenteng                       | C                        | Nanggulan                            | 0,10              | 0.5  |
| 7     | Sub Terminal Bus Jagalan                       | C                        | Kalibawang                           | 0,10              | 0.25                                       |
| 8     | Terminal Palbapang                             | C                        | Bantul                               | 0.444             | 1.5  |
| 9     | Terminal Parangtritis                          | C                        | Kretek                               | 0.375             | 1.5  |
| 10    | Terminal Jombor                                | A                        | Sendangadi, Mati                     | 0.78              | 0.5  |
| 11    | Terminal Condongcatur                          | B                        | Condongcatur, Depok                  | 0.34              | 0.5  |
| 12    | Terminal Pakem                                 | B                        | Pakem, Pakem                         | 0.24              | 0.3  |
| 13    | Terminal Prambanan                             | B                        | Prambanan                            | 0.197             | 0.3  |
| 14    | Terminal Gamping                               | B                        | Jl. Wates, Gamping                   | 0.02              | 1  |
| 15    | Terminal Giwangan                              | A                        | Kecamatan Umbulharjo                 | 5.8               | 4  |
| 16    | Stasiun Lempuyangan                            | A                        | Kecamatan Danurejan                  | 2                 | 3  |
| 17    | Stasiun Tugu                                   | A                        | Kecamatan Gedongtengen               | 4                 | 4  |
| 18    | Stasiun KA Wates                               |                          | Wates                                | 1                 | 2  |
| Air   |  |                          |                                      |                   |  |
| 1     | Pelabuhan Perikanan Sadeng                     | Pelabuhan Kecil          | Desa Songbanyu, Grisubo, Gunungkidul | 5                 | 4.21                                       |
| Udara |  |                          |                                      |                   |  |
| 1     | Bandara Udara Gading                           | Pangk. Latihan           | Gading, Playen, Gunungkidul          |                   | 0  |
| 2     | Bandara Adi Sutjipto                           | Inter                    | Jl. Solo Km 9 Jogjakarta. 55282      | 25.156            | 29.92                                      |

Sumber : Dinas Perhub Dan Kominfo DIY

**Tabel SP-6 : Perkiraan Jumlah Limbah Padat berdasarkan Lokasi Obyek Wisata, Jumlah Pengunjung, dan Luas Kawasan Daerah Istimewa Yogyakarta Tahun Data : 2013**

| No. | Nama Obyek Wisata | Jenis Obyek Wisata | Jumlah Pengunjung (orang per tahun) | Luas Kawasan (Ha) | Volume Limbah Padat (m <sup>3</sup> /Hari) |
|-----|-------------------|--------------------|-------------------------------------|-------------------|--|
| (1) | (2)               | (3)                | (4)                                 | (5)               | (6)  |
| 1   | Parangtritis      | Wisata Alam        | 1,773,179                           | 1,500.0           | 1.2  |
| 2   | Samas             | Wisata Alam        | 51,900                              | 1,129.0           | 0.4  |
| 3   | Pandanismo        | Wisata Alam        | 129,848                             | 988.0             | 2.0  |

|    |                          |                    |           |         |     |
|----|--------------------------|--------------------|-----------|---------|-----|
| 4  | Goa Cerme                | Wsata Minat Khusus | 20,032    | 2.5     | 0.1 |
| 5  | Goa Selarong             | Wsata Minat Khusus | 27.974    | 5.6     | 0.1 |
| 6  | Keraton                  | Wsata Buatan       | 686.857   | 10.0    | 8.0 |
| 7  | Taman Pintar             | Wsata Buatan       | 932.705   | 1.0     | 1.0 |
| 8  | Gembira Loka             | Wsata Buatan       | 1,445,148 | 20.0    | 6.0 |
| 9  | Purawisata               | Wsata Buatan       | 36.96     | 2,300.0 | 1.0 |
| 10 | Museum Benteng Vredeburg | Wsata Buatan       | 240,794   | 4.0     | 1.0 |
| 12 | Museum Sono Budoyo       | Wsata Buatan       | 82,733    | 0.7     | 1.0 |
| 14 | taman sari               | Wsata Buatan       | 231.483   | 2.0     | 0.5 |
| 15 | Pantai Baron             | Wsata Alam         | 442,912   | 4.0     | 3.0 |
| 16 | Pantai kukup             | Wsata Alam         | 439.00    | 4.0     | 3.0 |
| 17 | Pantai Sundak            | Wsata Alam         | 439.00    | 4.0     | 2.0 |
| 18 | Pantai Krakal            | Wsata Alam         | 439.00    | 4.0     | 2.0 |
| 19 | Pantai Siung             | Wsata Alam         | 34,183    | 3.0     | 2.0 |
| 20 | Pantai Trisik            | Wsata Alam         | 23,076    | 2.0     | 3.0 |
| 21 | Pantai Glagah            | Wsata Alam         | 278,519   | 5.0     | 4.0 |
| 22 | Pantai Congot            | Wsata Alam         | 37,544    | 50.0    | 2.0 |
| 23 | Waduk Sermo              | Wsata Buatan       | 20,822    | 165.0   | 1.0 |
| 24 | Goa Kiskendo             | Wsata Alam         | 8,956     | 3.0     | 0.3 |
| 25 | Puncak Suroloyo          | Wsata Alam         | 10,954    | 3.0     | 0.3 |
| 26 | Wahana Pelangi           | Wsata Alam         | 29,386    | 0.8     | 1.0 |
| 27 | PPSJ                     | Wsata Buatan       | 13,008    | 14.0    | 0.5 |
| 28 | Kolam Renang Clereng     | Wsata Buatan       | 21,387    | 0.5     | 0.5 |
| 29 | Kolam Renang Samigaluh   | Wsata Buatan       | 2,250     | 0.3     | 0.5 |
| 30 | Gunung Glanggeran        | Wsata Buatan       | 13,200    | 5.0     | 0.5 |

sumber : Dinas Kebudayaan dan Pariwisata Kab/Kota, dan Dinas Pariwisata Daerah Istimewa Yogyakarta

**Tabel SP-7 : Perkiraan beban Limbah padat dan cair berdasarkan Sarana Hotel/Penginapan Daerah Istimewa Yogyakarta Tahun Data : 2013**

| No. | Kelas Hotel /Penginapan     | Jumlah Kamar | Tingkat Hunian (%) | Limbah Padat (m3/Hari) | Beban Limbah Cair (Ton/Tahun) |      |
|-----|-----------------------------|--------------|--------------------|------------------------|-------------------------------|------|
|     |                             |              |                    |                        | BOD                           | COD  |
| (1) | (2)                         | (3)          | (4)                | (5)                    | (6)                           | (7)  |
| 1   | Hyatt Regency Yogyakarta    | 269          | 55                 | 110                    | 1.23                          | 2.48 |
| 2   | Sheraton Mustika Yogyakarta | 250          | 58                 | 3                      | 1.41                          | 3.94 |
| 3   | Ambarrukmo Pakace Hotel     | 150          | 70                 | 2                      | 0.46                          | 1.43 |
| 4   | Quality Hotel               | 191          | 72                 | 2                      | 0.38                          | 0.89 |
| 5   | Jayakarta                   | 129          | 67                 | 3,6                    | 0.84                          |      |
| 6   | Jogjakarta Plaza            | 190          | 59                 | 0,04                   | 0.19                          | 0.58 |
| 7   | Sahid Raya Yogyakarta       | 137          | 80                 | 2                      | 0.78                          | na   |
| 8   | Sejahtera Family            | 130          | 90                 | na                     | 0.90                          | 1.92 |
| 9   | Penginapan Tirta Kencana    | 72           | 0.6                | na                     | 0.15                          | na   |
| 11  | Hotel Melia Purosani        | 280          | na                 | na                     | 2.70                          | 4.00 |

Ket na : tidak ada data  
Sumber : BLH/KLH/Pedal Kab/kota se- DIY

**Tabel SP-8. Jumlah Rumah Tangga dan Fasilitas Tempat Buang Air Besar  
Daerah Istimewa Yogyakarta  
Tahun Data : 2013**

| No.           | Kab/kota        | Tempat Buang Air Besar ( Rumah Tangga) |               |              |               |
|---------------|-----------------|--|---------------|--------------|---------------|
|               |                 | Sendiri                                | Bersama       | Umum         | Tidak Ada     |
| (1)           | (2)             | (3)                                    | (4)           | (5)          | (6)           |
| 1             | Kulon Progo     | 0,229                                  | 1,823         | 947          | 42,156        |
| 2             | Kota Yogyakarta | 123,289                                | 1,988         | 1,345        | 143           |
| 3             | Gunung Kidul    | 175,336                                | 2,532         | 1,315        | 1,602         |
| 4             | Sleman          | 253,368                                | 1,107         | 2,037        | 2,481         |
| 5             | Bantul          | 164,557                                | 2,854         | 1,483        | 1,805         |
| <b>Jumlah</b> |                 | <b>806,779</b>                         | <b>10,304</b> | <b>7,127</b> | <b>48,187</b> |

Sumber :

- Hasil olahan Tim SLHD DIY

**Tabel SP-9 : Perkiraan Jumlah Timbulan Sampah per Hari  
Daerah Istimewa Yogyakarta  
Tahun Data : 2013**

| No            | Kecamatan       | Jumah Penduduk (jiwa) | Timbulan Sampah m3/hari |
|---------------|-----------------|-----------------------|-------------------------|
| (1)           | (2)             | (3)                   | (4)                     |
| 1             | Bantul          | 914,654               | 2,443                   |
| 2             | Kulon Progo     | 416,209               | 1,249                   |
| 3             | Sleman          | 1,047,325             | 2,543                   |
| 4             | Gunungkidul     | 675,382               | 1,258                   |
| 5             | Kota Yogyakarta | 407,464               | 204                     |
| <b>Jumlah</b> |                 | <b>3,461,034</b>      | <b>7,697</b>            |

Sumber : DPU Kabupaten/Kota se-DIY

**Tabel SP-10 : Perkiraan Volume Limbah Padat dan Limbah Cair dari Rumah Sakit  
Daerah Istimewa Yogyakarta  
Tahun Data : 2013**

| No. | Nama Rumah Sakit      | Tipe/Kelas Rumah Sakit | Volume Limbah    |                | Volume Limbah B3 (m3/hari) |        |
|-----|-----------------------|------------------------|------------------|----------------|----------------------------|--------|
|     |                       |                        | Padat (Ton/hari) | Cair (m3/hari) | Padat (Ton/hari)           | Cair   |
| (1) | (2)                   | (3)                    | (4)              | (5)            | (6)                        | (7)    |
| 1.  | RS Dr. Sardjito       | A                      |                  | 550.00         | 0.400                      | 0.0001 |
| 2.  | RS JIH                | B                      | 0.133            | 68.37          | 0.079                      | 0.0030 |
| 3   | RS Pantirapih         | B                      | 0.376            | 174.30         | 0.280                      | 0.0003 |
| 4   | RS Bethesda           | B                      | 2.630            | 226.90         | 0.260                      |        |
| 5   | RSUD Kab.Sleman       | B                      | 0.950            | 48.41          | 0.080                      |        |
| 6   | RSUD Kab Gunung Kidul | C                      |                  | 46.80          | 0.036                      |        |
| 7   | RSUD Kota Yk          | B                      | 0.145            | 28.80          | 0.030                      |        |
| 8   | RSUD Kab. Kulonprogo  | B                      | 2.400            | 29.27          | 0.136                      |        |
| 9   | RSUD Kab. Bantul      | B                      | 3.000            | 97.12          | 0.170                      |        |

|       |                       |   |  |       |         |                 |
|-------|-----------------------|---|--|-------|---------|-----------------|
| 10    | RS Panti Nugroho      | B |  | 8.43  | 0.022   |                 |
| 11    | RSA UGM               | D |  | 8.25  | 0.016   | 0.004           |
| 12    | RS Rajawali Citra     |   |  | 13.82 |         |                 |
| 13    | RS Elizabeth Ganjuran | D |  | 5.36  |         |                 |
| 14    | PKU Muhammadiyah      | C |  | 66.56 |         |                 |
| 15    | RSKIA Umni Khasanah   | D |  | 4.10  |         |                 |
| 16    | RS Condong Catur      |   |  | 10.38 |         |                 |
| Total |                       |   |  | 9.63  | 1386.87 | 1.509<br>0.0073 |

Sumber : Laporan Limbah Cair , Laporan Limbah B3 dan Kegiatan Proper 2013 BLH DIY

**Tabel SP-11 : Perusahaan yang Mendapat Izin Mengelola Limbah B3  
Daerah Istimewa Yogyakarta  
Tahun Data : 2013**

| No  | Nama Perusahaan              | Jenis Kegiatan/Usaha | Jenis Izin                                       | Nomor Izin  |
|-----|------------------------------|----------------------|--|---|
| (1) | (2)                          | (3)                  | (4)  | (5)   |
| 1   | PT. Sari Husada              | Makanan (Susu)       | Tempat Penyimpanan Sementara Limbah B3 (TPS-LB3) | SK No. 188/806/VI/KEP/2012<br>Tanggal 26 Juli 2012      |
| 2   | PT. Yogyatex                 | Tekstil              | Tempat Penyimpanan Sementara Limbah B3 (TPS-LB3) | SK No. 188/805/VI/KEP/2012<br>Tanggal 26 Juli 2012      |
| 3   | PT. Sinar Obor               | Penyamakan Kulit     | Tempat Penyimpanan Sementara Limbah B3 (TPS-LB3) | SK No. 188/149/KEP/II/2012<br>Tanggal 10 Februari 2012  |
| 4   | Hotel Melia Purosani         | Hotel                | Tempat Penyimpanan Sementara Limbah B3 (TPS-LB3) | SK No. 188/885/III/KEP/2012.<br>Tanggal 10 Agustus 2012 |
| 5   | RS Panti Rapih               | Rumah Sakit          | Tempat Penyimpanan Sementara Limbah B3 (TPS-LB3) | SK No. 188/1107/KEP/X/2012 .<br>Tanggal 15 Oktober 2012 |
| 6   | The Jogjakarta Hotel & Spa   | Hotel                | Tempat Penyimpanan Sementara Limbah B3 (TPS-LB3) | SK No. 660.4/02/2008.                                   |
| 7   | PT Karya Hidup Sentosa (KHS) | Alat berat           | Tempat Penyimpanan Sementara Limbah B3 (TPS-LB3) | SK No. 188/1246/IX/KEP/2013                             |
| 8   | Hotel Santika                | Hotel                | Tempat Penyimpanan Sementara Limbah B3 (TPS-LB3) | SK No. 188/768/V/KEP/2013                               |
| 9   | Hotel Phoenix                | Hotel                | Tempat Penyimpanan Sementara Limbah B3 (TPS-LB3) | SK No. 188/944/VI/KEP/2013                              |
| 10  | RS Bethesda                  | Rumah Sakit          | Tempat Penyimpanan Sementara Limbah B3 (TPS-LB3) | SK No. 188/945/VI/KEP/2013                              |

| No | Nama Perusahaan                                    | Jenis               | Jenis Izin   | Nomor Izin   |
|----|--|---------------------|--|--|
| 11 | RS. Bethesda Yogyakarta                            | Rumah Sakit         | Pengolahan (Incenerator)   | SK MENLH Tahun 2011. Masa Berlaku th 2011-2016                           |
| 12 | RSUD Kota Yk (Wirosaban)                           | Rumah Sakit         | Pengolahan (Incenerator)   | SK MENLH Tahun No. 231 Tahun 2013  |
| 13 | PG Madubaru  | Gula                | Tempat Penyimpanan Sementara Limbah B3 (TPS-LB3)                                   | SK Bupati No. 213 Tahun 2012 Tanggal 18 Juni 2012                        |
| 14 | PT. Pertamina (persero) S&D Region II Depot Rewulu |                     | Tempat Penyimpanan Sementara Limbah B3 (TPS-LB3)                                   | SK BUPATI Bantul NO. 151 Tahun 2011 tanggal 10 Juni 2011                 |
| 15 | PT. Sanitex  | Tekstil             | Tempat Penyimpanan Sementara Limbah B3 (TPS-LB3)                                   | SK MENLH No. 56 th 2009 – tgl 17 Februari 2009 (berlaku selama 5 tahun)  |
| 16 | PT. Indokor Bangundes                              | Tambak              | Tempat Penyimpanan Sementara Limbah B3 (TPS-LB3)                                   | SK BUPATI Bantul NO. 292 Tahun 2013                                      |
| 17 | PT. Bintang Alam Sementa                           | Penyamakan Kulit    | Tempat Penyimpanan Sementara Limbah B3 (TPS-LB3)                                   | SK BUPATI Bantul NO. 174 Tahun 2013                                      |
| 18 | CV. Sidorharjo Energi                              | Pengumpul oli bekas | Pengumpulan Pelumas Bekas  | SK MENLH NO.   |
| 19 | PT. Holicim Beton                                  | Semen               | Pemanfaatan  | SK MENLH No. 230 th 2011. Masa Berlaku 8 Nopember 2011 – 8 Nopember 2016 |
| 20 | PT. GE Lighting                                    | Lampu               | Surat Keterangan Layak Kepala KLH Tempat Penyimpanan Sementara Limbah B3 (TPS-LB3) | No. 660/491. Masa Berlaku 12-08 2013 - 11-08-2014                        |
| 21 | PC. GKBI Medari                                    | Tekstil             | Surat Keterangan Layak Kepala KLH Tempat Penyimpanan Sementara Limbah B3 (TPS-LB3) | No. 660/547 Berlaku dari 16-09-2013 s/d 15-09-014                        |
| 22 | PT Genteng Mutiara                                 | Genteng             | Pemanfaatan  | SK MENLH No. 236 th 2010. Masa Berlaku 27 -09-2010 s/d 27 -09-2015       |
| 23 | PT. Kusuma Sandang Mekar Jaya                      | Tekstil             | Surat Keterangan Layak Kepala KLH Tempat Penyimpanan Sementara Limbah B3 (TPS-LB3) | No. 660/77 Berlaku dari 31-01-2013 s/d 30-01-014                         |
| 24 | PT Kiho Bali Korin                                 | Garmen              | Surat Keterangan Layak Kepala KLH Tempat Penyimpanan Sementara Limbah B3 (TPS-LB3) | No. 660/263 Berlaku dari 17-04-2013 s/d 16-04-014                        |
| 25 | PT Mirota KSM                                      | Susu                | Surat Keterangan Layak Kepala KLH Tempat Penyimpanan Sementara Limbah B3 (TPS-LB3) | No. 660/200 Berlaku dari 19-03-2013 s/d 18-03-013                        |
| 26 | PT. Berlico Mulia                                  | Farmasi             | Surat Keterangan Layak Kepala KLH Tempat Penyimpanan Sementara Limbah B3 (TPS-LB3) | No. 660/271 . Berlaku dari 26-04-2013 s/d 25-04-013                      |

| No | Nama Perusahaan  | Jenis       | Jenis Izin   | Nomor Izin   |
|----|--|-------------|--|--|
| 27 | Pertamina DPPU Adisucipto  | SPBU        | Surat Keterangan Layak Kepala KLH Tempat Penyimpanan Sementara Limbah B3 (TPS-LB3) | No. 660/272. Berlaku dari 26-04-2013 s/d 25-04-014 |
| 28 | RS JIH   | Rumah Sakit | Surat Keterangan Layak Kepala KLH Tempat Penyimpanan Sementara Limbah B3 (TPS-LB3) | No. 660/268 Berlaku dari 22-04-2013 s/d 21-04-014  |
| 29 | RS. Dr. Sardjito   | Rumah Sakit | Surat Keterangan Layak Kepala KLH Tempat Penyimpanan Sementara Limbah B3 (TPS-LB3) | No. 660/316 . Berlaku 13-05-2013 s/d 12-05-2014    |
| 30 | RS Panti Nugroho   | Rumah Sakit | Surat Keterangan Layak Kepala KLH Tempat Penyimpanan Sementara Limbah B3 (TPS-LB3) | No. 660/486 . Berlaku 02-08-2013 s/d 1-08-2014     |
| 31 | RS Panti Rini  | Rumah Sakit | Surat Keterangan Layak Kepala KLH Tempat Penyimpanan Sementara Limbah B3 (TPS-LB3) | No. 660/516 . Berlaku 28-08-2013 s/d 27-08-2014    |
| 32 | Hotel Hyatt  | Hotel       | Surat Keterangan Layak Kepala KLH Tempat Penyimpanan Sementara Limbah B3 (TPS-LB3) | No. 660/431 . Berlaku 11-07-2013 s/d 10-07-2014    |
| 33 | Hotel Sheraton   | Hotel       | Surat Keterangan Layak Kepala KLH Tempat Penyimpanan Sementara Limbah B3 (TPS-LB3) | No. 660/397 . Berlaku 18-07-2013 s/d 17-07-2014    |
| 34 | Hotel Jogjakarta Plaza   | Hotel       | Surat Keterangan Layak Kepala KLH Tempat Penyimpanan Sementara Limbah B3 (TPS-LB3) | No. 660/549 . Berlaku 16-09-2013 s/d 15-09-2014    |
| 35 | PT ARAH Environmental Indonesia (limbah medis, limbah farmasi dan obat kadaluwarsa, limbah B3 umum ( lampu bekas, battere bekas, catridge, kain majun, wadah kontaminan dll) |             | AJ.309/69/011/DJPD/2012/311 69003  | B 9206 EO  |
|    |  |             | AJ.309/69/011/DJPD/2012/311 69004  | B 9176 O   |
|    |  |             | AJ.309/69/011/DJPD/2012/311 69001  | B 9948 Y   |
|    |  |             | AJ.309/69/011/DJPD/2012/311 69005  | B 9206 OL  |
|    |  |             | AJ.309/69/011/DJPD/2012/311 69010  | BK 8706 CN   |
|    |  |             | AJ.309/69/011/DJPD/2012/311 69009  | B 9415 BAD   |
|    |  |             | AJ.309/69/011/DJPD/2012/311 69008  | AD 1372 LK   |
|    |  |             | AJ.309/69/011/DJPD/2012/311 69012  | B 9997 BCI   |
|    |  |             | AJ.309/69/011/DJPD/2012/311 69011  | B 9956 BCI   |
|    |  |             | AJ.309/69/011/DJPD/2012/311 69007  | B 9237 JE  |
| 36 | PT. Jasa Medivest  |             | AJ.309/31/014/DJPD/2012/320 80005  | D. 8670. DU  |
|    |  |             | AJ.309/31/014/DJPD/2012/320 80006  | D. 8669. DU  |

| No | Nama Perusahaan | Jenis | Jenis Izin                           | Nomor Izin  |
|----|-----------------|-------|--------------------------------------|-------------|
|    |                 |       | AJ.309/31/014/DJPD/2012/320<br>80007 | D. 8624. DU |

Sumber: BLH DIY dan BLH/KLH/Kapedal Kab/kota di DIY

## BAB 3. UPAYA PENGELOLAAN LINGKUNGAN

### A. Rehabilitasi Lingkungan

**Tabel UP-1 : Realisasi Kegiatan Penghijauan dan Reboisasi**

Daerah Istimewa Yogyakarta

Tahun Data : 2013

| No  | Kecamatan       | Realisasi Penghijauan |              | Realisasi Reboisasi |              |
|-----|-----------------|-----------------------|--------------|---------------------|--------------|
|     |                 | Luas (Ha)             | Jumlah Pohon | Luas (Ha)           | Jumlah Pohon |
| (1) | (2)             | (3)                   | (4)          | (5)                 | (6)          |
| 1   | Bantul          | 502.0                 | 68,285       | 0                   | 0            |
| 2   | Kulon Progo     | 630.4                 | 417,609      | 0                   | 0            |
| 3   | Sleman          | 502.0                 | 68,285       | 0                   | 0            |
| 4   | Gunungkidul     | 610.8                 | 104,754      | 0                   | 0            |
| 5   | Kota Yogyakarta | 10.5                  | 14,709       | 0                   | 0            |
|     | Jumlah          | 2255.7                | 673,642      | 0                   | 0            |

Sumber: BLH DIY dan BLH/KLH/Kapedal Kab/kota di DIY

**Tabel UP-2 : Kegiatan Fisik Lainnya oleh Instansi dan Masyarakat**

Daerah Istimewa Yogyakarta

Tahun Data : 2013

| No. | Nama Kegiatan  | Lokasi Kegiatan                   | Pelaksana Kegiatan |
|-----|--|-----------------------------------|--------------------|
| (1) | (2)  | (3)                               | (4)                |
| 1   | Pelatihan pengomposan  | Pasar Imogiri                     | BLH dan Masyarakat |
| 2   | Kerja bakti membersihkan lingkungan kompleks kantor Pemda II | Komplek kantor Pemda II           | BLH Kab Bantul     |
| 3   | Pelatihan pengomposan sampah rumah tangga                    | Potorono, Banguntapan             | Masyarakat         |
|     |  | Bulus wetan, Smeragung, Jetis     | Masyarakat         |
|     |  | Ndayu, Gadingsari, Sanden         | Masyarakat         |
|     |  | Metes, Sedayu                     | Masyarakat         |
|     |  | Srimartani, Piyungan              | Masyarakat         |
|     |  | Badegan, bantul                   | Masyarakat         |
| 4   | Penebaran benih ikan   | Poton, Trimulyo                   | BLH Kab Bantul     |
|     |  | Dsn Sembunga, Tamantirto, Kasihan | BLH dan Masyarakat |
| 5   | Kerja bakti membersihkan sungai Bedog                        | Sungai Bedog                      | masyarakat         |
| 6   | Kerja bakti memberikan sungai Winongo                        | Bakulan dan Niten                 | BLH Kab Bantul     |

| No. | Nama Kegiatan  | Lokasi Kegiatan  | Pelaksana Kegiatan            |
|-----|--|--|-------------------------------|
| 7   | Pembangunan tempat khusus merokok                        | Pemda Parasamya kab. Bantul  | BLH Kab Bantul                |
|     |  | Kec. Banguntapan, Kasihan dan Sewon  | BLH Kab Bantul                |
| 8   | Pembangunan IPAL Biogas                                  | Kec. Banguntapan, Jetis dan Pundong  | BLH Kab Bantul                |
| 9   | Pembangunan IPAL Tahu/Tempe                              | Dsn Bogoran, Triranggo, bantul   | BLH Kab Bantul                |
| 10  | Pembangunan IPAL Bioreaktor                              | Desa Terong dan desa Dlingo<br>Kec. Dlingo                                   | BLH Kab Bantul                |
| 11  | Pembangunan sumur resapan air hujan                      | Kec. Bambanglipuro   | BLH Kab Bantul                |
|     |  | Kec. Bantul  | BLH Kab Bantul                |
|     |  | Kec. Imogiri   | BLH Kab Bantul                |
|     |  | Kec. Kasihan   | BLH Kab Bantul                |
|     |  | Kec. Piyungan  | BLH Kab Bantul                |
|     |  | Kec. Sedayu  | BLH Kab Bantul                |
|     |  | Kec. Sewon   | BLH Kab Bantul                |
|     |  | Kec. Sanden  | BLH Kab Bantul                |
| 12  | Tersedianya tong sampah terpilah                         | Kabupaten Gunungkidul  | Kapedal Kabupaten Gunungkidul |
| 13  | Tersedianya alat pemilah sampah                          | Kabupaten Gunungkidul  | Kapedal Kabupaten Gunungkidul |
| 14  | Tersedianya gerobak sampah                               | Kabupaten Gunungkidul  | Kapedal Kabupaten Gunungkidul |
| 15  | Tersedianya kontainer sampah                             | Baron, Kukup, Krakal, Sundak, Sepanjang                                      | Kapedal Kabupaten Gunungkidul |
| 16  | Tersedianya sepeda roda tiga                             | Kelompok Amrih Lestari, Kepek, Wonosari                                      | Kapedal Kabupaten Gunungkidul |
| 17  | Pembangunan taman di pinggir sungai                      | Sirman, Wonosari   | Kapedal Kabupaten Gunungkidul |
| 18  | Pembelian Buku tentang lingkungan Hidup                  | SDN Gombang 2, SDN Ngabean, SMPN 1 Girisubo, SMPN 2 Gedangsari, SMK 1 Ngawen | Kapedal Kabupaten Gunungkidul |
| 19  | Pembelian tanaman penghijauan                            | SDN Gombang 2, SMPN 1 Girisubo, SMK 1 Ngawen                                 | Kapedal Kabupaten Gunungkidul |
| 20  | Pembangunan Teknologi Biogas                             | Gading dan logandeng Playen  | Kapedal Kabupaten Gunungkidul |
| 21  | Pembangunan IPAL Komunal                                 | Ponpes Al-Hadid, Ponpes Al Hikmah, Panti Asuhan Santo Thomas                 | Kapedal Kabupaten Gunungkidul |
| 22  | Pembelian bibit tanaman penghijauan Pantai               | Krakal, Kupuk, Sepanjang   | Kapedal Kabupaten Gunungkidul |
| 23  | Pembelian pupuk organik untuk tanaman penghijauan Pantai | Krakal, Kupuk, Sepanjang   | Kapedal Kabupaten Gunungkidul |
| 24  | Pembelian bibit tanaman identitas                        | Saptosari, Wonosari, Ponjong, Patuk, Karangmojo, Ngawen, Tepus               | Kapedal Kabupaten Gunungkidul |
| 25  | Penghijauan telaga                                       | Ponjong, Semanu, Rongkop   | Kapedal Kabupaten Gunungkidul |

| No.                        | Nama Kegiatan  | Lokasi Kegiatan  | Pelaksana Kegiatan                                     |
|----------------------------|--|--|--|
| 26                         | Pembelian pupuk organik untuk tanaman penghijauan Telaga       | Ponjong, Semanu, Rongkop   | Kapedal Kabupaten Gunungkidul                          |
| 27                         | Pembuatan sumur resapan  | SDN 1 Karangrejek, MTS Muh. Wonosari, SMPN 1 Patuk, SMPN 2 Patuk, SMPN 3 Patuk, Wonosari, Playen, Patuk, | Kapedal Kabupaten Gunungkidul                          |
| 28                         | Pembuatan taman hijau gapura pintu masuk kabupaten Gunungkidul | patuk  | Kapedal Kabupaten Gunungkidul                          |
| 29                         | Pembuatan Papan nama   | Wonosari, Patuk, Semanu, Tepus, Semin, Playen, Ngawen, Semanu  | Kapedal Kabupaten Gunungkidul                          |
| 30                         | Pembangunan Taman Kota   | Wates dan Pengasih   | KLH KP   |
| 31                         | Pembangunan Embung   | Kaliibawang  | KLH KP   |
| 32                         | Penanaman Pohon  | Se Kabupaten Kulon Progo   | KLH KP   |
| 33                         | Pembangunan SPAH Sekolah (160 unit)                            | 55 Sekolah di Kabupaten Sleman   | Kantor Lingkungan Hidup Kab. Sleman dan Komite Sekolah |
| 34                         | Pembangunan SPAH Sekolah (203 unit)                            | Kecamatan Prambanan  | Kantor Lingkungan Hidup Kab. Sleman                    |
|                            |  | Kecamatan Tempel   |  |
|                            |  | Kecamatan Sleman   |  |
|                            |  | Kecamatan Pakem  |  |
|                            |  | Kecamatan Depok  |  |
|                            |  | Kecamatan Ngemplak   |  |
| 12 Instansi di Kab. Sleman |  |  |  |
| 35                         | Bantuan Biopori (400 unit)                                     | Kelompok masyarakat dan sekolah  | Kantor Lingkungan Hidup Kab. Sleman                    |
| 36                         | Mesin pencacah sampah plastik (3 buah)                         | bank sampah plalangan  | Kantor Lingkungan Hidup Kab. Sleman                    |
|                            |  | bank sampah Sayuti Melik   | Kantor Lingkungan Hidup Kab. Sleman                    |
|                            |  | PSM Padukuhan Sutan  | Kantor Lingkungan Hidup Kab. Sleman                    |
| 37                         | Mesin Pencacah Sampah Organik (5 buah)                         | - KPS Sembada  | Kantor Lingkungan Hidup Kab. Sleman                    |
|                            |  | - PSM Randugunting   | Kantor Lingkungan Hidup Kab. Sleman                    |
|                            |  | - PSM Mendo Rejeki   | Kantor Lingkungan Hidup Kab. Sleman                    |
|                            |  | - PSM Rejosari   | Kantor Lingkungan Hidup Kab. Sleman                    |
|                            |  | - bank sampah Sidoakur   | Kantor Lingkungan Hidup Kab. Sleman                    |
| 38                         | Tong sampah plastik (99 buah)                                  | - 27 komite sekolah di beberapa kecamatan di Kabupaten Sleman  | Kantor Lingkungan Hidup Kab. Sleman                    |
|                            |  | - TPS "Lodoyong Asri"  | Kantor Lingkungan Hidup Kab. Sleman                    |
| 39                         | Kompartemen (242 buah)   | - 35 komite sekolah di beberapa kecamatan di Kabupaten Sleman  | Kantor Lingkungan Hidup Kab. Sleman                    |

| No. | Nama Kegiatan         | Lokasi Kegiatan   | Pelaksana Kegiatan                  |
|-----|-----------------------|---|-------------------------------------|
|     |                       | - kepala sekolah TK. Budi Mulia Dua dan kepala sekolah SD. Kanisius Totogan | Kantor Lingkungan Hidup Kab. Sleman |
| 40  | Komposter ( 205 buah) | - 13 PSM di beberapa kecamatan di Kabupaten Sleman                          | Kantor Lingkungan Hidup Kab. Sleman |

Sumber: BLH DIY dan BLH/KLH/Kapedal Kab/kota di DIY

## B. Pengawasan Izin lingkungan

**Tabel UP-3 : Dokumen Izin Lingkungan**

Daerah Istimewa Yogyakarta

Tahun Data : 2013

| No. | Jenis Dokumen | Kegiatan                                  | Pemrakarsa   |
|-----|---------------|---|--|
| (1) | (2)           | (3)                                       | (4)  |
| 1   | UKL-UPL       | Penambangan pasir sungai                  | CV. Bedjoe Oetomo  |
| 2   | UKL-UPL       | Penambangan pasir sungai                  | CV. Putra Cana Lestari                                   |
| 3   | UKL-UPL       | Operasi produksi tanah urug               | PT. Karunia Guna Intisemesta                             |
| 4   | UKL-UPL       | Klinik Pengobatan                         | Klinik Laras Hati (dr. Mahindriya Vici Virahayu, Sp. OG) |
| 5   | UKL-UPL       | Pabrik Makanan ringan (ceriping singkong) | PT. Organic Snack Company Indonesia (OSCO)               |
| 6   | UKL-UPL       | Penambangan dan Pengolahan Batu Andhesit  | PT. Fajar Mulia Ventura                                  |
| 7   | UKL-UPL       | Pabrik Traktor Tangan                     | CV. Karya Hidup Sentosa                                  |
| 8   | UKL-UPL       | RSU                                       | dr. Bambang Haryatno, M.Kes.                             |
| 9   | UKL-UPL       | Pabrik Briket Arang Tempurung Kelapa      | PT. Dian Niaga   |
| 10  | UKL-UPL       | Klinik Pengobatan                         | Titik A Yatiman (Klinik Utama Siti Chotijah Wates)       |
| 11  | UKL-UPL       | PLTMH                                     | Din PUP ESDM DIY (Ir. Rani Samsinansi, MT.)              |
| 12  | UKL-UPL       | Puskesmas                                 | Puskesmas Galur II (dr. Niken Sudamingtyas)              |
| 13  | UKL-UPL       | Penambangan Pasir                         | Panitia Rehabilitasi Lahan Pertanian (Didik Nurgiyanto)  |
| 14  | UKL-UPL       | Penambangan Batu Andhesit                 | CV. Cahaya Abadi   |
| 15  | UKL-UPL       | Pembangunan Tower BTS                     | PT. Solusindo Kreasi Pratama                             |
| 16  | UKL-UPL       | Penambangan Batu Andhesit                 | PT. Selo Adi Karto                                       |
| 17  | UKL-UPL       | Rumah Sakit                               | RS. Pura Raharja Medika (dr. Edy Raharjo, Sp.S.)         |
| 18  | UKL-UPL       | Percetakan                                | PT. Khotis Prima Mitra                                   |

| No. | Jenis Dokumen | Kegiatan                           | Pemrakarsa   |
|-----|---------------|------------------------------------|--|
| 19  | UKL-UPL       | Pembangunan Embung                 | Dinas PUP ESDM DIY                                     |
| 20  | UKL-UPL       | Pembangunan dan Operasional Embung | Dinas PUP ESDM DIY                                     |
| 21  | UKL-UPL       | Klinik Pengobatan                  | CV. Ikhsan Mukhlisin (dr. Moerlani Moh Dahlan, Sp.PD)  |
| 22  | UKL-UPL       | Pengeboran Eksploitasi Air Tanah   | CV. Karya Hidup Sentosa                                |
| 23  | UKL-UPL       | Klinik Pengobatan                  | Klinik Pengasih Husada (dr. Salamah Sri Nurhayati)     |
| 24  | UKL-UPL       | Hotel                              | Imam Syafi'i, SE, MM                                   |
| 25  | UKL-UPL       | Pengeboran ABT                     | Budijanto Tirtawisata - Felini Owen                    |
| 26  | UKL-UPL       | Toko                               | dr Dewi Suryowati                                      |
| 27  | UKL-UPL       | Hotel                              | Aryanto Sukoco, ST                                     |
| 28  | UKL-UPL       | Pendidikan                         | Suryadi Putra, SH                                      |
| 29  | UKL-UPL       | Klinik Kecantikan                  | Joko Marlindo, ST                                      |
| 30  | UKL-UPL       | Perumahan                          | Ari Wibowo   |
| 31  | UKL-UPL       | Hotel                              | Muhammad Adi Setiabudi                                 |
| 32  | UKL-UPL       | Toko                               | Miranda Wibowo   |
| 33  | UKL-UPL       | Hotel                              | I Wayan Sudiarsa                                       |
| 34  | UKL-UPL       | Hotel                              | Nana Wdijastuti  |
| 35  | UKL-UPL       | Hotel                              | Ir Giantoro Pamungkas                                  |
| 36  | UKL-UPL       | Hotel                              | Perly Sulistyani, BA                                   |
| 37  | UKL-UPL       | SPBU                               | Tossy Dwi Murwanto, ST                                 |
| 38  | UKL-UPL       | Perumahan                          | M Imam Suryowiadi                                      |
| 39  | UKL-UPL       | Hotel                              | H Supardi, BBA   |
| 40  | UKL-UPL       | Pengeboran ABT                     | Sri Wardani  |
| 41  | UKL-UPL       | Rumah Makan                        | Riyadi   |
| 42  | UKL-UPL       | Rumah Makan                        | Sudlanjari   |
| 43  | UKL-UPL       | Hotel                              | Ananda Soewono   |
| 44  | UKL-UPL       | Kantor                             | Hendra Kurniawan                                       |
| 45  | UKL-UPL       | Hotel                              | S Djoko Prijono  |
| 46  | UKL-UPL       | Kantor dan Gudang                  | Sutanto  |
| 47  | UKL-UPL       | Hotel                              | Effendi Susilo   |
| 48  | UKL-UPL       | Pengeboran ABT                     | Wibawa, S.Si, M.Kom.                                   |
| 49  | UKL-UPL       | Pengeboran ABT                     | Ch. Aan  |
| 50  | UKL-UPL       | Hotel                              | Ryan Adrian  |
| 51  | UKL-UPL       | Pengeboran ABT                     | Sandi Wibowo   |
| 52  | UKL-UPL       | Hotel                              | Sri Muryani  |
| 53  | UKL-UPL       | Hotel                              | Sinjaya  |
| 54  | UKL-UPL       | Hotel                              | T Prasetyo HA, SE, MPAR                                |
| 55  | UKL-UPL       | Hotel                              | Hj Ambar Iswari  |
| 56  | UKL-UPL       | Hotel                              | Ir Lena Indawati                                       |
| 57  | UKL-UPL       | Perdagangan                        | Ir Hari Setyowacono, MT (DBGAD) Ir H Suyana (Dinlopas) |

| No. | Jenis Dokumen | Kegiatan                 | Pemrakarsa                        |
|-----|---------------|--------------------------|-----------------------------------|
| 58  | UKL-UPL       | Hotel dan family karaoke | Tony Tjahjadi Hoesodo             |
| 59  | UKL-UPL       | Pelayanan Kesehatan      | Prof Dr drg Sudiby, SU, Sp.Perjo  |
| 60  | UKL-UPL       | Klinik Kecantikan        | dr Nugroho Sarwono Putro          |
| 61  | UKL-UPL       | Hotel                    | Mochammad Nadjib                  |
| 62  | UKL-UPL       | Pelayanan Kesehatan      | Drs. Hardono, Drs. Andhy Sasongko |
| 63  | UKL-UPL       | Hotel                    | Ir Eddy Sugiharto                 |
| 64  | UKL-UPL       | Hotel                    | Willy Sapoelette                  |
| 65  | UKL-UPL       | Hotel                    | Iwan Boediwanto, MBA              |
| 66  | UKL-UPL       | Hotel                    | Tjhin Tjong Giong                 |
| 67  | UKL-UPL       | Hotel                    | Kusmono                           |
| 68  | UKL-UPL       | Industri                 | Sutanto Haryono                   |
| 69  | UKL-UPL       | Hotel                    | Budi Irianto                      |
| 70  | UKL-UPL       | Perumahan                | Ir Tanaska Januar Susanto         |
| 71  | UKL-UPL       | Hotel                    | Edi Nugroho                       |
| 72  | UKL-UPL       | Hotel                    | Novrida Sudirman                  |
| 73  | UKL-UPL       | Hotel                    | Sugiyanto, SH                     |
| 74  | UKL-UPL       | Pengeboran ABT           | Dewa Gede Mahendra                |
| 75  | UKL-UPL       | Hotel                    | Ferry Febrianto                   |
| 76  | UKL-UPL       | Kantor                   | Mukhammad Washar                  |
| 77  | UKL-UPL       | Hotel                    | Umar Santosa                      |
| 78  | UKL-UPL       | Hotel                    | Umar Santosa                      |
| 79  | UKL-UPL       | Klinik Kecantikan        | dr Aisyah                         |
| 80  | UKL-UPL       | Perumahan dan Ruko       | Tjoa, Stephanie Sutanto           |
| 81  | UKL-UPL       | Hotel                    | Uresh Chander                     |
| 82  | UKL-UPL       | Hotel                    | dr Vina Ajeng Puspa Dewi          |
| 83  | UKL-UPL       | Hotel                    | Suwandi                           |
| 84  | UKL-UPL       | Karaoke Keluarga         | Paul Kuntadi                      |
| 85  | UKL-UPL       | Hotel                    | Taufik Fathoni, SE                |
| 86  | UKL-UPL       | Hotel                    | Dra Indriani Murti                |
| 87  | UKL-UPL       | Hotel                    | Merliana Soekeno                  |
| 88  | UKL-UPL       | Hotel                    | Sandi Rahardian                   |
| 89  | UKL-UPL       | Pelayanan Kesehatan      | dr R Haryo Yudono, Sp.M           |
| 90  | UKL-UPL       | Hotel                    | Agung Samodra, ST                 |
| 91  | UKL-UPL       | Hotel                    | Leo Reoben                        |
| 92  | UKL-UPL       | Hotel                    | Ferdi Hartono                     |
| 93  | UKL-UPL       | Hotel                    | Lukman Kudonarpodo, SH, MIR       |
| 94  | UKL-UPL       | Hotel                    | Ir Henry Leksmama                 |
| 95  | UKL-UPL       | Hotel                    | Trifena Yulianti Guntara          |
| 96  | UKL-UPL       | Hotel                    | Ir Ojahan M Oppusunggu            |
| 97  | UKL-UPL       | Hotel                    | Yusman Oentoro/Jimmy Oentoro      |
| 98  | UKL-UPL       | Hotel                    | Sae Teguh Kurniawan               |

| No. | Jenis Dokumen | Kegiatan            | Pemrakarsa                  |
|-----|---------------|---------------------|-----------------------------|
| 99  | UKL-UPL       | Hotel               | Linus N Suseno              |
| 100 | UKL-UPL       | Hotel               | Yogi Djoko Sugiharto, ST    |
| 101 | UKL-UPL       | Hotel               | Willie Sanjaya, SH          |
| 102 | UKL-UPL       | Hotel               | Swandhayani                 |
| 103 | UKL-UPL       | Hotel               | Budi Sahasra Wibawa         |
| 104 | UKL-UPL       | Hotel               | A Indriarto                 |
| 105 | UKL-UPL       | Hotel               | Eko Bimantoro               |
| 106 | UKL-UPL       | Hotel               | Budiman Tanudjaja           |
| 107 | UKL-UPL       | Hotel               | Ir Toto Sugio Pranoto       |
| 108 | UKL-UPL       | Hotel               | Juanita Halim               |
| 109 | UKL-UPL       | Hotel               | Ir The Gunawan              |
| 110 | UKL-UPL       | Hotel               | Yulianty                    |
| 111 | UKL-UPL       | Hotel               | Yongki Widjaja              |
| 112 | UKL-UPL       | Hotel               | Ananda Soewono              |
| 113 | UKL-UPL       | Hotel               | Gutama Fantoni              |
| 114 | UKL-UPL       | Hotel               | Toto Susmono Hadi, SH, MM   |
| 115 | UKL-UPL       | Hotel               | Dr dr Ulla Nuchrawaty, MM   |
| 116 | UKL-UPL       | Hotel               | Suwarno, SE                 |
| 117 | UKL-UPL       | Hotel               | Wawan D Guratno             |
| 118 | UKL-UPL       | Hotel               | Asep Saleh                  |
| 119 | UKL-UPL       | Hotel               | Dr Ir Luthfi Hasan, MS      |
| 120 | UKL-UPL       | Hotel               | Kastam Rusdiyanto           |
| 121 | UKL-UPL       | Hotel               | Lanny Susilowati            |
| 122 | UKL-UPL       | Hotel               | Meita Purnamasari           |
| 123 | UKL-UPL       | Hotel               | Ir Albert Totok Sugiharto   |
| 124 | UKL-UPL       | Hotel               | Jend. TNI (Purn) Subagyo HS |
| 125 | UKL-UPL       | Hotel               | Sugiharto                   |
| 126 | UKL-UPL       | Hotel               | Robert Gunawan              |
| 127 | UKL-UPL       | Hotel               | Hendy Bakrim                |
| 128 | UKL-UPL       | Hotel               | Kartika Anggraeni           |
| 129 | UKL-UPL       | Hotel               | Muhammad Syarif Hidayat     |
| 130 | UKL-UPL       | Hotel               | Ir Arry Ligias Baskoro      |
| 131 | UKL-UPL       | Hotel               | Drs Syamsul Azhari          |
| 132 | UKL-UPL       | Hotel               | Ricky Irawan                |
| 133 | UKL-UPL       | Hotel               | Soekeno                     |
| 134 | UKL-UPL       | Hotel               | Robert Gunawan              |
| 135 | UKL-UPL       | Hotel               | Ferry Febrianto             |
| 136 | UKL-UPL       | Hotel               | Ir Pribudhi Tasman S        |
| 137 | UKL-UPL       | Hotel               | Sri Hascaryo                |
| 138 | UKL-UPL       | Hotel               | Ismutajab                   |
| 139 | UKL-UPL       | Hotel               | Ebnoe Nugroho, SE           |
| 140 | UKL-UPL       | RS PKU MUHAMMADIYAH | Dr.Ida Rahmawati            |

| No. | Jenis Dokumen | Kegiatan  | Pemrakarsa                  |
|-----|---------------|---|-----------------------------|
| 141 | UKL-UPL       | Breeding ayam PT. Janu Putra Sejahtera              | Singgih Janu R              |
| 142 | UKL-UPL       | Menara Sellular PT. Naragita Dinamika               | Sonny Hermawan              |
| 143 | UKL-UPL       | Klinik Utama Amalia                                 | dr. Akmal Hanafi, Sp.Og     |
| 144 | UKL-UPL       | Klinik Utama Leonisa                                | dr. Achmad Suparmono, Sp.Og |
| 145 | UKL-UPL       | RS Pelita Husada                                    | Yani Hardiyanti, SE, MM     |
| 146 | UKL-UPL       | SPBKB 20.3.5001.AKR                                 | Sutrisno                    |
| 147 | UKL-UPL       | Stasiun Pemancar Siaran ulang televisi PT. Indosiar | Budi santoso                |
| 148 | UKL-UPL       | Peternakan ayam petelur PT. Janu Putra Sejahtera    | Singgih Janu R              |
| 149 | UKL-UPL       | Klinik Pratama PKU Semin                            | dr. Dewi Irawati            |
| 150 | UKL-UPL       | Agen LPG Kuda mas Perkasa                           | Sasana Dewi                 |
| 151 | UKL-UPL       | Losmen Mawar Putih                                  | Sarwono                     |
| 152 | UKL-UPL       | SPBU 44-558-01 Siyono                               | Sugiyarto                   |
| 153 | UKL-UPL       | Industri Pakan Temak Sido Rahayu Farm               | Agus Dwiono                 |
| 154 | UKL-UPL       | Industri Penggilingan Batu Feed and Mill            | Agus Dwiono                 |
| 155 | UKL-UPL       | Hotel Melati I Baronsari                            | Slamet                      |
| 156 | UKL-UPL       | SPBU Kranon   | Felasitas Sacramento        |
| 157 | UKL-UPL       | London Beauty Center (LBC)                          | Rony Oktanto                |
| 158 | UKL-UPL       | Toko Istana 7                                       | Acmad Wahidun               |
| 159 | UKL-UPL       | Industri Pengolahan Batu Alam CV. Anugrah Alam      | Parjiyo                     |
| 160 | UKL-UPL       | RS Panti Rahayu                                     | dr. Y. Bowo Surahyo, MMR    |
| 161 | UKL-UPL       | Klinik Pratama Rawat Jalan Dhewoto Husada           | Prawoto Ely Sudarmo         |
| 162 | UKL-UPL       | Klinik Pratama Rawat Inap Kumia Husada              | Sutimah                     |
| 163 | UKL-UPL       | Industri Pengolahan Batu CV. Arviyan Jaya           | Dra. Rita Aryani            |
| 164 | UKL-UPL       | Usaha Karaoke Keluarga Kick Off Futsal              | Danang Mangesti Primabudi   |
| 165 | UKL-UPL       | RS Nurohmah   | Sugiyarti                   |
| 166 | UKL-UPL       | Klinik Pratama Rawat Inap Hikmah Husada             | Samidah                     |
| 167 | UKL-UPL       | Klinik Pratama Rawat Jalan Sinar Husada             | Riswanto                    |
| 168 | UKL-UPL       | Pembibitan dan penetasan Ayam Union Perdana Semesta | Istanto                     |
| 169 | UKL-UPL       | Klinik Pratama Rawat Inap Wahyu Husada              | Drs. Tamsir                 |
| 170 | UKP-UPL       | Industri alat peraga pendidikan                     | UD. Peraga Pembina          |
| 171 | UKP-UPL       | Pembangunan perumahan                               | PT. Goldenindo Lestari      |
| 172 | UKP-UPL       | Penggilingan padi/beras                             | PT. Lentera Panen Mandiri   |
| 173 | UKP-UPL       | Pembangunan perumahan                               | PT. Banyoe Mili Sae         |
| 174 | UKP-UPL       | Pengumpul Limbah B3 (oli bekas)                     | PT. Multazam cabang Bantul  |
| 175 | UKP-UPL       | PT. Satu Bumi                                       | Industri patung dari semen  |
| 176 | UKP-UPL       | Industri Pakaian Boneka                             | PT. IGP Internasional       |
| 177 | UKP-UPL       | Industri tas  | PT. Komitrando Emporio      |

| No. | Jenis Dokumen | Kegiatan   | Pemrakarsa                     |
|-----|---------------|--|--------------------------------|
| 178 | UKP-UPL       | Industri Furniture dan Handycraft  | PT. Yogya Indo Global          |
| 179 | SPPL          | Jasa Katering  | Sumiyati                       |
| 180 | SPPL          | Bengkel Mobil  | Widodo                         |
| 181 | SPPL          | Industri Pupuk Cair  | Widodo Cahyono                 |
| 182 | SPPL          | Industri Jamu Tradisional  | Nuhroho Tri Haryono            |
| 183 | SPPL          | Penggergajian Kayu   | Budiarto                       |
| 184 | SPPL          | Toko Kelontong   | Parjimin Suwarjito             |
| 185 | SPPL          | Industri kecil furniture   | Alex Kurniawan                 |
| 186 | SPPL          | Bengkel Bubut dan Las  | Franky Surya Saputra           |
| 187 | SPPL          | Jasa Cuci Mobil dan Motor  | Muh. Subhi Mubarak             |
| 188 | SPPL          | Rumah makan  | Abdul Malik                    |
| 189 | SPPL          | Warinet  | Endang Rustiti                 |
| 190 | AMDAL         | Kondominium Hotel dan Apartemen " MATARAM CITY" di Padukuhan Sedan dan Padukuhan Ngempong, Desa Sariharjo, Kecamatan Ngaglik                           | PT Saraswati Indoland          |
| 191 | AMDAL         | Hotel dan Condotel beserta Fasilitas Pendukungnya " SAHID YOGYA LIFES STYLE CITY" di Padukuhan Tambakbayan Caturtunggal Depok                          | PT Koba Pangestu               |
| 192 | AMDAL         | Pusat Perdagangan dan Jasa ( pertokoan ) " HARTONO LIFESTYLE" di ring road utara Padukuhan kaliwaru dan Sanggrahan, Desa Condongcatur, Kecamatan Depok | PT Delta Merlin Dunia Property |
| 193 | UKL-UPL       | Ruko Gejayan Square di Gandok Condongcatur Depok   | PT Artindo Bangun Persada      |
| 194 | UKL-UPL       | Kantor dan Garasi di Jalan Solo Km 12 Karang Tirtomartani Kalasan  | PT Dharmamulia Purna Karya     |
| 195 | UKL-UPL       | Gudang Kaca di Pete Sidomoyo Godean  | Ny. Sugito Raharjo             |
| 196 | UKL-UPL       | Sarana Perdagangan dan Jasa Jln ring road utara Pogung Lor Sinduadi Mlati  | Ir.M.Riang Indarto,Bs,Ms       |
| 197 | UKL-UPL       | Sarana Perdagangan dan Jasa di Jln Demangan Baru 88 Papingan Caturtunggal Depok  | FaniSuwito                     |
| 198 | UKL-UPL       | Industri Sarung Tangan di Jobohan Bokoharjo Prambanan  | PT Nexus                       |
| 199 | UKL-UPL       | Penetasan Telur Burung Puyuh di Somodaran Purwomartani Kalasan   | PT Paksi Guna Raharja          |
| 200 | UKL-UPL       | Kantor dan Gudang di Ringroad Barat No. 111 Bedog Trihanggo Gamping  | PT Dima Indonesia              |
| 201 | UKL-UPL       | Showroom Sepeda Motor Kawasaki di Jln. Wonosari KM 9 Dowakan Sendangtirto Berbah   | Hendra Kurniawan               |
| 202 | UKL-UPL       | Honda Anugerah di Jln. Magelang Km 7,5 Mlati Krajan Sendangadi Mlati   | Rudy Handoko                   |
| 203 | UKL-UPL       | Industri Tiang Listrik Beton dan Tiang Pancang Beton di Jln. Magelang KM 15,2 Kemloko Caturtunggal Depok   | PT Tonggak Ampuh               |
| 204 | UKL-UPL       | Industri Kerajinan Tangan di Jln. Prambanan Piyungan Km 3,4 Cepit Bokoharjo  | PT Homewere International      |

| No. | Jenis Dokumen | Kegiatan   | Pemrakarsa  |
|-----|---------------|--|---|
| 205 | UKL-UPL       | Ruko Gandu di Jln. Wonosari Km 8 Gandu Sendangtrto Berbah                                      | Lingga Eka Kumiawati                                  |
| 206 | UKL-UPL       | Griya Pasturan Marganingsih di Karang Kalasan Tirtomartani Kalasan                             | Romo Lauminus Tata Pryana, Pr                         |
| 207 | UKL-UPL       | Hotel dan Toko Citihub di jln. Gejayan Condongcatur Depok                                      | Wely Sutanto Wmbowo                                   |
| 208 | UKL-UPL       | Perumahan dan Sarana Perdagangan dan Jasa Citrasun Garden di Juwangen Purwomartani Kalasan     | Jeffry Hosea, SH                                      |
| 209 | UKL-UPL       | Kantor dan Gudang CV Sumber Tirta dibeli Teh Sosro di Ringroad Barat Bedog Trihanggo Gamping   | PT Gunung   |
| 210 | UKL-UPL       | Gudang beserta Fasilitas Toko dan Kantor di Ringroad Barat Sawahan Nogotirto Gamping           | Agjo Sintawang  |
| 211 | UKL-UPL       | Gudang LPG dan Garasi di Tambakbayan Caturtunggal Depok  | PT Restu Agung  |
| 212 | UKL-UPL       | Perumahan Kaliurang Regency di Kayen Condongcatur Depok  | Mayla Krstanti  |
| 213 | UKL-UPL       | Villa Eden Idi Jln. Hastomulyo Kaliurang timur Hargobinangun Pakem                             | Suwito  |
| 214 | UKL-UPL       | Mirota Palagan di Jln. Palagan Tentara Pelajar No. 40 A RT 04/RW 6 Bendosari Sariharjo Ngaglik | R.Victor Dwi Suryanto                                 |
| 215 | UKL-UPL       | Hotel Namira di Jln. Magelang KM 4,5   | Drg. Edy Sumarwanto, MM                               |
| 216 | UKL-UPL       | Gorong – gorong Candi Kedulan Tirtomartani Kalasan   | Drs. Tri Hartono, M. Hum                              |
| 217 | UKL-UPL       | PT Serafoof Indonesia di Brayut Pandowoharjo Sleman  | Hj.Riyanto Raharjo                                    |
| 218 | UKL-UPL       | Showroom Mobil Ford di Cupuwatu I Purwomartani Kalasan   | Handono Wijoyo  |
| 219 | UKL-UPL       | Rumah Biarawan untuk Konggresi Para Bluder di Joho Condongcatur Depok                          | Br Le popo Stefane Franciscus Marie, Fiqp             |
| 220 | UKL-UPL       | Pondok Wisata Wisma Aji di Dero Condongcatur Depok   | Titi Yudi   |
| 221 | UKL-UPL       | Ruko Bale Mulia di Jaten Sendangadi Mlati  | Tjia edy Susanto                                      |
| 222 | UKL-UPL       | Waroeng Steak & Shake di Jln. Pandega Karya Manggung Caturtunggal Depok                        | Jo Bronto Suseno                                      |
| 223 | UKL-UPL       | PT Citra Raharja di Jln. Raya Jogja Wates Km 9,5 Perengdawe Balecatur Gamping                  | Dr Ir. Agus Suroto, MT                                |
| 224 | UKL-UPL       | Hotel Holiday Inn Express di Nayan Maguwoharjo Depok   | Iwan Setiawan Lumintu                                 |
| 225 | UKL-UPL       | Laboratorium Klinik Prma Diagnostika di Tegalsari Tegaltirto Berbah                            | Muhammad Hendhi                                       |
| 226 | UKL-UPL       | Bank BPR Shinta daya d Jln. Jogja Solo BogemTamanmartani Kalasan                               | Awan Setiawan   |
| 227 | UKL-UPL       | JW one Style Hotel di Jln. Laksda Adisucipto Km 9 Sambilegi Maguwoharjo Depok                  | Yudi Harsono  |
| 228 | UKL-UPL       | Pasar Prambanan di Jln. Prambanan Piyungan Kranggan Bokoharjo Prambanan                        | Dra. Tri Endah Yitnani Kepala Dinas Pasar Kab. Sleman |
| 229 | UKL-UPL       | Gudang Kayu Triplek di Jln. Ringroad barat Dowangan Banyuraden Gamping                         | Soedarto  |
| 230 | UKL-UPL       | Bliss Pool & Lounge di Papringan Ct Depok  | Ir. Rony Handoko                                      |

| No. | Jenis Dokumen | Kegiatan  | Pemrakarsa   |
|-----|---------------|---|--|
| 231 | UKL-UPL       | Hotel Erilla Eclat di Tambakan Sinduharjo Ngaglik                                     | Bayu Aji Aritejo, SE, MM, M.Si                         |
| 232 | UKL-UPL       | Gudang Logam Bekas di Salakan Selomartani Kalasan                                     | Edy Susanto  |
| 233 | UKL-UPL       | Industri Tekstil " Rajut Mas" di Jln. Magelang Km 4,6 Kutu Asem Sinduadi Mlati        | Budi Sinarwan  |
| 234 | UKL-UPL       | Animal Health Care di Jln. Fauna No.2 Karangmalang Ct Depok                           | Dr. Drh joko Prastowo, M. Si                           |
| 235 | UKL-UPL       | Pasar KebonagungPojok Kidul Sendangagung Minggir                                      | Dra. Tri Endah Yitnani, Kepala Dinas Pasar Kab. Sleman |
| 236 | UKL-UPL       | Gudang di Prumpung Sardonoharjo Ngaglik   | PT Jihe Jawa Abadi                                     |
| 237 | UKL-UPL       | LPP Garden di Jln. Perummas No. 1 Tempel Caturtunggal Depok                           | Ir. Indi Printianto, M. Si                             |
| 238 | UKL-UPL       | Showroom Bengkel Beserta Fasilitas Gudang di Jlegongan Margorejo Tempel               | Jap Jayadi Wguna                                       |
| 239 | UKL-UPL       | Hotel Griya Desa di Jln. Padma 1 Tegalwaras Sariharjo Ngaglik                         | Jap Jayadi Wguna                                       |
| 240 | UKL-UPL       | SPBU 44.555.14 di Jln. Solo Km 11,5 Mangunan Kalitirto Berbah                         | Wira Sumbaga   |
| 241 | UKL-UPL       | Taman Wisata " SNS" di Kragilan Sinduadi Mlati  | PT Kusuma Satria Dinasasi Wisata Jaya                  |
| 242 | UKL-UPL       | Hotel Grand Serela di Kragilan Sinduadi Mlati   | PT Kagum Serela Hotelindo                              |
| 243 | UKL-UPL       | Gudang dan Alat Tulis Kantor Enggal Makmur di Jln. Kebonagung Nganti Sendangadi Mlati | Daniel Hadianto  |
| 244 | UKL-UPL       | Percetakan Kanisius di Jln. Cempaka 9 Deresan Caturtunggal Depok                      | E AzizMardopo Subroto SJ                               |
| 245 | UKL-UPL       | Bank Panin d Jln. Affandi Santren Caturtunggal Depok                                  | Ir. Susidarto  |
| 246 | UKL-UPL       | Ombara Green Hotel di Nganti Sendangadi Mlati   | PT Cemara Tujuh Ombara                                 |
| 247 | UKL-UPL       | Pemondokan Putri di DabagCC Depok   | Rita Susanto, SE, MM                                   |
| 248 | UKL-UPL       | Pasar Godean di Geneng Sidoagung Godean   | Dra Tri Endah Yitnani Kepala Dinas Pasar Kab. Sleman   |
| 249 | UKL-UPL       | Perumahan Pondok Permai Melati II di Mlati Krajan Sendangadi Mlati                    | Slamet Harsono   |
| 250 | UKL-UPL       | UD Bejo Lestari di Jln. Kebonagung Km 1 Mlati Krajan Sendangadi Mlati                 | Subagio  |
| 251 | UKL-UPL       | Perdagangan Jasa Ganjar Parwedro di Sanggrahan Condongcatur Depok                     | Ganjar Parwedro  |
| 252 | UKL-UPL       | Industri Mebel di Warak Lor Sumberadi Mlati   | PT Mbken Cita Rona                                     |
| 253 | UKL-UPL       | SPBU Gading Prima Energi di Jln. Godean Banyuraden Gamping                            | Dwi Tjahjano Hari Sutanto SH, MM                       |
| 254 | UKL-UPL       | SPBU Gading Prima Energi di Kutu Dukuh Sinduadi Mlati                                 | Dwi Tjahjano Hari Sutanto SH, MM                       |

Sumber: BLH DIY dan BLH/KLH/Kapedal Kab/kota di DIY

**Tabel UP-4 : Pengawasan Izin Lingkungan (AMDAL, UKL/UPL, Surat Pernyataan Pengelolaan Lingkungan (SPPL)  
Daerah Istimewa Yogyakarta  
Tahun Data : 2013**

| No. | Nama Perusahaan/Pemrakarssa | Waktu (tgl/bln/thn) | Hasil Pengawasan   |
|-----|-----------------------------|---------------------|--------------------|
| (1) | (2)                         | (3)                 | (4)                |
| 1   | PT. Capital Realm Indonesia | 15 Oktober 2013     | Taat               |
| 2   | Puskesmas Sentolo           | 16 Oktober 2013     | Taat               |
| 3   | PT. Lestari Pelita Graha    | 17 Oktober 2013     | Taat               |
| 4   | Hotel King                  | 9 Oktober 2013      | Taat               |
| 5   | PT. Sunchang Indonesia      | 10 Oktober 2013     | Taat               |
| 6   | RS. Kharisma Paramedika     | 11 Oktober 2013     | Taat               |
| 7   | Hotel Queen of The South    | 8 Oktober 2013      | Tidak Taat         |
| 8   | RS Panti Rahayu             | 10 Oktober 2013     | Tidak Taat         |
| 9   | UPT Puskesmas Semin I       | 10 Oktober 2013     | Tidak Taat         |
| 10  | RS PKU Muhammadiyah         | 22 Oktober 2013     | Tidak Taat         |
| 11  | RS Pelita Husada            | 22 Oktober 2013     | Taat               |
| 12  | RS Nur Rohmah               | 22 Oktober 2013     | Taat               |
| 13  | PT. Malindo Feed Mill       | 41584               | Taat               |
| 14  | Union Perdana Semesta       | 41584               | Taat               |
| 15  | Hotel Arjuna                | 7 Maret 2013        | Belum melaksanakan |
| 16  | Hotel Pyrenees              | 7 Maret 2013        | Belum melaksanakan |
| 17  | Narti Silver                | 14 Maret 2013       | Belum melaksanakan |
| 18  | HS Silver                   | 14 Maret 2013       | Belum melaksanakan |
| 19  | Galleria Mall               | 21 Maret 2013       | Belum melaksanakan |
| 20  | Hotel Grand Aston           | 21 Maret 2013       | Belum melaksanakan |
| 21  | RS Bethesda                 | 28 Maret 2013       | peringkat merah    |
| 22  | Hotel NOVOTEL               | 28 Maret 2013       | peringkat merah    |
| 23  | Hotel New Saphir            | 28 Maret 2013       | Sudah melaksanakan |
| 24  | Sinema XXI                  | 28 Maret 2013       | Sudah melaksanakan |
| 25  | PT Sinar Obor               | 2 Mei 2013          | Sudah melaksanakan |
| 26  | Hotel Melia Purosani        | 2 Mei 2013          | Sudah melaksanakan |
| 27  | Mall Jogjatronik            | 23 Mei 2013         | Sudah melaksanakan |
| 28  | Hotel Amaris                | 4 Juni 2013         | Sudah melaksanakan |
| 29  | Abadi Hotel Jogja           | 4 Juni 2013         | Sudah melaksanakan |
| 30  | Hotel Grand Zuri            | 2 Juli 2013         | Sudah melaksanakan |
| 31  | Hotel @Hom Platinum         | 2 Juli 2013         | Sudah melaksanakan |
| 32  | SUPERINDO                   | 3 September 2013    | Sudah melaksanakan |

| No. | Nama Perusahaan/Pemrakarssa | Waktu (tgl/bln/thn) | Hasil Pengawasan  |
|-----|-----------------------------|---------------------|---|
| 33  | Hotel Matahari              | 3 September 2013    | Sudah melaksanakan  |
| 34  | Hotel Mutiara               | 17 September 2013   | Sudah melaksanakan  |
| 35  | Hotel IBIS Styles           | 17 September 2013   | Sudah melaksanakan  |
| 36  | Hotel INNA GARUDA           | 3 Oktober 2013      | peringkat merah   |
| 37  | CV KHS                      | 17 Juni 2013        | peringkat merah   |
| 38  | RS Panti Rapih              | 20 Juni 2013        | peringkat biru  |
| 39  | RS Hidayatullah             | 30 Juli 2013        | peringkat merah   |
| 40  | PT Budi Makmur Jayamurni    | 16 Juli 2013        | peringkat merah   |
| 41  | PT Sari Husada              | 18 Juli 2013        | peringkat merah   |
| 42  | Hotel Santika               | 24 Juli 2013        | peringkat biru  |
| 43  | Percetakan Kanisius         | 8 Maret 2013        | Dokumen dalam proses perbaikan, melaporkan kegiatan semester II TH 2012, belum ada ijin TPS limbah B3   |
| 44  | Hotel Merapi Merbabu        | 13 Maret 2013       | Melaporkan kegiatan semester II Th 2012, belum ada ijin TPS limbah B3 dan ijin pembuangan limbah cair   |
| 45  | Percetakan Nindya Grafika   | 25 Maret 2013       | Tidak melaporkan kegiatan Pengelolaan dan Pemantauan Semester I dan II Th 2012, belum ada ijin TPS limbah B3                                      |
| 46  | Hotel Red Dot               | 28 Maret 2013       | Belum melaporkan kegiatan semester II Th 2012, belum ada ijin TPS limbah B3, Ijin pembuangan limbah cair  |
| 47  | Monumen Monjali             | 41369               | Belum memiliki dokumen lingkungan, belum ada pengelolaan dan pemantauan lingkungan  |
| 48  | Hotel Grand Cokro           | 41374               | Belum melaporkan Kegiatan semester I, II Th 2012, belum ada ijin TPS limbah B3 dan Ijin pembuangan limbah cair                                    |
| 49  | Hotel Puri Anggraini        | 41376               | Belum ada ijin TPS limbah B3 dan ijin pembuangan limbah cair  |
| 50  | Hotel Cakra Kusuma          | 41382               | Belum melaporkan kegiatan semester II Th 2012, belum memiliki ijin TPS limbah B3  |
| 51  | Hotel Citi Hub              | 41386               | Belum menguji air limbah di inlet dan out let rutin tiap bulan, belum memiliki ijin TPS limbah B3 dan belum memiliki ijin pembuangan limbah cair. |
| 52  | Hotel Cakara Kembang        | 41387               | Belum melaporkan kegiatan semester II Th 2012, belum memiliki ijin TPS limbah B3 dan belum memeriksakan air limbah cair tiap bulan                |
| 53  | Lab Prima Diagnostika       | 41390               | Belum melaporkan kegiatan semester II Th 2012, belum memiliki ijin TPS limbah B3  |

| No. | Nama Perusahaan/Pemrakarsa | Waktu (tgl/bln/thn) | Hasil Pengawasan   |
|-----|----------------------------|---------------------|--|
| 54  | Sambi Resort Spa           | 41393               | Belum melaporkan kegiatan semester II Th 2012, belum memiliki ijin TPS limbah B3 dan belum memiliki ijin pembuangan limbah cair  |
| 55  | RS. Sembada Husada         | 41394               | Belum melaporkan kegiatan pengelolaan dan pemantauan Th 2012, belum memiliki ijin TPS limbah B3 dan belum memiliki ijin pembuangan limbah cair   |
| 56  | Wisma Gajah Mada           | 2 Mei 2013          | Belum memiliki Dokumen Lingkungan Hidup, belum memiliki IMB, belum memiliki Ijin TPS limbah B3, belum memiliki Ijin pembuangan limbah cair serta belum pernah melaporkan pengelolaan dan pemantauan lingkungan Hidup |
| 57  | PT. Artha Enviroment       | 13 Mei 2013         | Belum melaporkan pengelolaan dan pemantauan lingkungan Hidup, belum mempunyai ijin pembuangan limbah cair dan TPS B3   |
| 58  | PT. Marina Busana          | 14 Mei 2013         | Membuat SPPL untuk toko Busana   |
| 59  | Hotel Griya Persada        | 20 Mei 2013         | Melaporkan pengelolaan dan pemantauan Lingkungan Hidup, belum mempunyai IJIN TPS B3, Ijin pembuangan limbah cair   |
| 60  | PT. Primissima             | 22 Mei 2013         | Pengelolaan Limbah cair dari Kantin, Dapur belum dikelola dengan baik serta belum diujikan ke Laboratorium dan untuk memperbaiki atau membuat IPAL kembali, belum mempunyai ijin pembuangan air limbah cair          |
| 61  | SABM                       | 27 Mei 2013         | Membuat SPPL dan melaporkan Pengelolaan dan Pemantauan Lingkungan Hidup ke KLH Sleman  |
| 62  | Hotel Poeri Devata         | 31 Mei 2013         | Melaporkan rutin kegiatan Pengelolaan dan Pemantauan Lingkungan Hidup ke KLH Sleman  |
| 63  | Jayakarta Hotel            | 12 Juni 2013        | Melaporkan rutin kegiatan Pengelolaan dan Pemantauan Lingkungan Hidup ke KLH Sleman, belum mempunyai ijin TPS B3 dan ijin pembuangan limbah cair   |
| 64  | Hotel Grand Quality        | 28 Juni 2013        | Melaporkan rutin kegiatan Pengelolaan dan Pemantauan Lingkungan Hidup ke KLH Sleman, belum mempunyai ijin pembuangan limbah cair dan ijin TPS B3   |
| 65  | Wisma Joglo                | 18 Juli 2013        | Membuat Dokumen UKL UPL dan melaporkan kegiatan/usaha ke KLH Sleman  |

| No. | Nama Perusahaan/Pemrakarssa                            | Waktu (tgl/bln/thn)        | Hasil Pengawasan   |
|-----|--|----------------------------|--|
| 66  | Hotel Sriwedari  | 19 Juli 2013               | Membuat Dokumen UKL UPL dan melaporkan kegiatan/usaha ke KLH   |
| 67  | Axogy TNT Corporation                                  | 22 Juli 2013               | Belum melaporkan kegiatan pengelolaan dan Pemantauan Lingkungan Hidup sejak di terbit rekomendasi UKL UPL  |
| 68  | Mirota Pasaraya  | 25 Juli 2013               | Melaporkan kegiatan pengelolaan dan pemantauan Lingkungan Hidup secara rutin ke KLH Sleman   |
| 69  | PT. Kiho Bali Korin                                    | 30 Juli 2013               | Melaporkan rutin pengelolaan dan pemantauan lingkungan dan minta penilaian terhadap pengelolaan dan pemantauan dari Kantor Lingkungan Hidup Kab,Sleman |
| 70  | Hotel Pondok Anggun                                    | 31 Juli 2013               | Membuat Dokumen UKL UPL dan melaporkan kegiatan Pengelolaan dan Pemantauan Lingkungan setiap 6 bulan sekali  |
| 71  | RS. Panti Baktiningsih                                 | 1 Agustus 2013             | Melaporkan rutin pengelolaan dan Pemantauan Lingkungan Hidup, belum mempunyai ijin TPS B3  |
| 72  | CV. Bintang Makmur Gemilang                            | 12 Agustus 2013            | Membuat SPPL dan melaporkan Pengelolaan dan Pemantauan Lingkungan Hidup ke KLH Sleman  |
| 73  | RS. Panti Rini   | 16 Agustus 2013            | Melaporkan rutin pengelolaan dan pemantauan Lingkungan Hidup ke KLH Sleman   |
| 74  | Tegar Gemilang Offset                                  | 19 Agustus 2013            | Membuat SPPL dan melaporkan pengelolaan dan pemantauan Lingkungan Hidup  |
| 75  | PT. Asa Tex  | Friday, April 19, 2013     | Verifikasi ijin TPS LB3  |
| 76  | PT. Dong Young Trace                                   | Monday, April 22, 2013     | Pembinaan dan Pengawasan LB3   |
| 77  | PT. BAS  | Tuesday, April 23, 2013    | Verifikasi ijin TPS LB3  |
| 78  | CV. Yogya Karya Andini                                 | Monday, April 29, 2013     | Pembinaan dan Pengawasan LB3   |
| 79  | Lab. Pengembangan Balai Besar Kulit, Karet dan Plastik | Tuesday, April 30, 2013    | Pembinaan dan Pengawasan LB3   |
| 80  | PT. Madubaru   | Thursday, July 04, 2013    | Monev Dokumen  |
| 81  | PT. Multazam   | Monday, August 26, 2013    | Evaluasi dokumen   |
| 82  | RSU Rachma Husada                                      | Tuesday, August 27, 2013   | Evaluasi dokumen   |
| 83  | PT. Satu Bumi  | Thursday, August 29, 2013  | Evaluasi dokumen   |
| 84  | PT. Lentera Panen Mandiri                              | Friday, August 30, 2013    | Evaluasi dokumen   |
| 85  | PT. Indokor Bangun Desa                                | Monday, September 23, 2013 | Evaluasi dokumen   |
| 86  | PT. BRA (Busana Remaja Agrascripta)                    | Friday, September 27, 2013 | Evaluasi dokumen   |

## C. Penegakan Hukum

**Tabel UP-5. Jumlah Lembaga Swadaya Masyarakat (LSM) Lingkungan Hidup Daerah Istimewa Yogyakarta Tahun Data : 2013**

| No. | Masalah Yang Diadukan  | Status   |
|-----|--|--|
| (1) | (2)  | (3)  |
| 1   | Pencemaran bau dari kegiatan pembuatan pupuk organik di Yapah, Ngaglik, Sleman   | Perusahaan sudah tidak beroperasi lagi (pindah)  |
| 2   | Dugaan Pencemaran air, kebisingan dari kegiatan tempat rekreasi Kids Fun di Jalan Wonosari Km 10 Sitimulyo, Piyungan, Bantul                                 | Sudah dilakukan Koordinasi antara BLH DIY, BLH Bantul, masyarakat terkena dampak dan Pengelola. Pengelola menindaklanjuti melalui kegiatan pertemuan dengan warga dan dicapai kesepakatan                                      |
| 3   | Dugaan pencemaran berupa debu dan kebisingan dari kegiatan AMP oleh PT. Pervita Karya yang diadukan oleh Lembaga Swadaya Masyarakat LH Dhian Pertiwi         | Tim BLH bersama dengan BLH Bantul dan PPEJ telah menindaklanjuti tinjauan lapangan verifikasi kasus dengan mewancarai beberapa Desa yang ada disekitar kegiatan (Desa Pendem, Desa Babadan, Desa Klenggotan dan Desa Tegalyoso |
| 4   | Aduan masyarakat Dukuh Cangkring Poncosari atas maraknya rencana kegiatan tambak udang faname di wilayahnya  | Karena menyangkut proses perizinan, maka pengaduan akan ditindaklanjuti oleh Pemda Kabupaten Bantul  |
| 5   | Kegiatan Peternakan ayam di dusun Mejing, Klepu, Banjarasri, Kalibawang menimbulkan gangguan berupa lalat dan bau yang tidak enak dari kotoran ayam pedaging | Ditindaklanjuti  |
| 6   | Kegiatan ternak babi di Banjarasri, Kalibawang yang membuang kotoran ternaknya di saluran irigasi  | Ditindaklanjuti  |
| 7   | Dugaan pencemaran air Sungai Rawa Jembangan akibat limbah batik, masyarakat pengguna air sungai merasa gatal2 di kulit                                       | Ditindaklanjuti  |
| 8   | Dugaan pencemaran udara (bau) akibat kegiatan peternakan ayam di Kaliwilut, Kaliagung, Sentolo   | Ditindaklanjuti  |
| 9   | Dugaan pencemaran dari kolam lele, air sumur tetangga berwarna merah dan bertendir   | Ditindaklanjuti  |
| 10  | Adanya asap yang mengganggu dari pembakaran arang batok di Kedunggalih, Pengasih   | Ditindaklanjuti  |
| 11  | Bau dari ternak sapi di Prenggan   | Belum selesai (sedang dibantu dari Provinsi untuk masalah IPAL)  |
| 12  | Bau yang disebabkan karena ternak ayam di Kotagede mengganggu SLB  | Belum selesai  |
| 13  | Bengkel di PT KAI dengan warga Argobolang (Baciro), buangan dari bengkel (oli, solar) masuk ke sungai Manunggal  | Belum selesai  |
| 14  | Buangan limbah dari PT KAI mencemari air bawah tanah di Kecamatan Gedongtengen (14 sumur)  | Belum selesai  |
| 15  | Ayam potong di Salakan, Selomartani, Kalasan   | Kandang sudah dipasang jarring dan pengelolaan kotoran ayam harus rutin dengan melapisi sekam, tohor dan disemprot EM4 tiap 3 hari sekali sampai menjelang panen   |

| No. | Masalah Yang Diadukan  | Status  |
|-----|--|---|
| (1) | (2)  | (3)   |
| 16  | Ayam di Gayamsari , Selomartani, Kalasan   | Kondisi kandang kosong dan pemilik/pengelola kandang mau pindah tempat karena terlalu dekat dengan pemukiman  |
| 17  | Gudang Retester di Salakan, Selomartani, Kalasan   | Untuk mengolah hasil penyemprotan cat di exhaust dan tidak boleh keluar ke pemukiman dan air jaringan   |
| 18  | Laundry di Salakan, Selomartani, Kalasan   | Sudah dibuatkan IPAL dan telah diuji laboratorium   |
| 19  | Industri Arang di Tulung,Tamanmartani, Kalasan   | Sudah diselesaikan oleh kecamatan dan Desa  |
| 20  | Ayam Potong di Kledokan Selomartani Kalasan  | Kondisi kandang kosong dan oleh pemilik kandang ditutup mau pindah tempat   |
| 21  | Burung Puyuh di Sumberrahayu,Moyudan   | Tempat pengelolaan kotoran yg dibuat pupuk organik agar tertutup tidak kena air hujan dan diolah disemprot EM4  |
| 22  | Sapi dan ayam di Clumpit Sardonoharjo Ngaglik  | Untuk kandang sapi pengelolaan lingkungan secara teknis bagus tidak berbau, sedangkan untuk temak ayam kandang ayam untuk ditinggikan serta untuk pengelolaan kotoran ayam dikasih sekam, tohor dan disemprot EM4 |
| 23  | Limbah PT. Primiisima  | Memperbaiki IPAL dan melaporkan hasil pengelolaan dan pemantauan dengan uji air limbah in let dan out let ke Laboratorium yg terakreditasi  |
| 24  | Limbah PT. GKBI  | Untuk memaksimalkan pengelolaan dan pemantauan IPAL sehingga memenuhi baku mutu lingkungan  |
| 25  | Pembangunan Gudang di Baransari Sardonoharjo Ngaglik   | Sudah dicek lapangan tidak ada aktivitas pembangunan dan menunggu tindaklanjut perijinan pemanfaatan tanah kas Desa/IPT di DPPD Kab. Sleman   |
| 26  | Delta Merlin   | Berhenti pembangunannya dan menindak lanjuti proses AMDAL   |
| 27  | Vivo Apartemen   | Sudah berhenti pemasangan tiang pancang dengan Hammertak diganti dengan boorplane/digali dan dilaporkan ke Komisi AMDAL DIY   |
| 28  | Burung Puyuh di Berbah RT.04 RW.09 Tegaltirto Berbah   | Berhenti petemakannya dan pindah  |
| 29  | Mebel di Kaliagir lor RT 04 RW 12 Kalitirto Berbah   | Pemilik sanggup membuat tembok setinggi 3 meter dan diatapi serta mensosialisasi ke warga di Rapat RW   |
| 30  | PT. Remaja Sejahtera / Kayu di Caturharjo, Sleman  | Cerobong asap ditinggikan dan dicek kembali 14 hari dari tanggal 3 Juni 2013  |
| 31  | Pupuk organik RT.07 RW.01 di Sukoharjo, Ngaglik  | Tanggal 14 Mei 2013 pemilik usaha untuk mengelola bahan kotoran ayam agar tidak bau dan akan dicek kembali 1 minggu kemudian.   |
| 32  |  | Tanggal 18 Mei 2013 hasil pengecekan lapangan bau sudah berkurang dan atas kesepakatan dengan warga usaha tidak boleh diperpanjang kontraknya hanya diberi batas sampai akhir Juni 2013                           |
| 33  | Penambangan batu kapur tak berizin di salah satu bukit di Pantai Watu Kodok, Kemadang, Tanjungsari         | Selesai   |
| 34  | Pembuangan sampah di pinggir jalan dari obyek wisata pantai pulang sawal (Indrayanti) Ngasem, Tepus, Tepus | Selesai   |
| 35  | Upaya pengelolaan TPA  | Selesai   |

| No. | Masalah Yang Diadukan  | Status        |
|-----|--|---------------|
| (1) | (2)  | (3)           |
| 36  | Bau dan lalat dari peternakan ayam petelur Union Perdana Semesta Jl. Wonosari-Semanu KM 3,8 Mijahan, Sambirejo, Semanu | Selesai       |
| 37  | Pembuangan limbah industri tempe ke sungai di Jeruk, Kepek   | Selesai       |
| 38  | Bau dan lalat dari peternakan ayam potong di Ngipak I, Karangmojo  | Selesai       |
| 39  | Kebisingan dari usaha pengelasan di Rejosari RT0/04, Baleharjo   | Selesai       |
| 40  | Pembuangan Limbah pengergajian batu di Ngijo, Semin  | belum selesai |
| 41  | Bau dan lalat dari Peternakan Ayam di Playen II, RT05/RW02   | Selesai       |
| 42  | Pembuangan limbah pengergajian batu Fajarudin RT05/RW 11, Ngeposari, Semanu  | Selesai       |
| 43  | Dugaan peracunan ikan di Perairan Obyek wisata Sri Getuk, Bleberan, Playen   | Selesai       |

Sumber: BLH DIY dan BLH/KLH/Kapedal Kab/kota di DIY

## D. Peran Serta Masyarakat

**Tabel UP-6. Jumlah Lembaga Swadaya Masyarakat (LSM) Lingkungan Hidup Daerah Istimewa Yogyakarta Tahun Data : 2013**

| No. | Nama LSM  | Alamat   |
|-----|---|--|
| 1   | Forum Kelompok Pelestari Sumberdaya Alam                          | Jeruk Kepek, Wonosari  |
| 2   | Bina Lingkungan Hidup Indonesia                                   | Jl. Sumanwi Gg Mayang 128 Wonosari   |
| 3   | Bina Lingkungan Hidup   | Jl. Baron Gg Tawes 07/08 Tegalsari, Siraman, Wonosari  |
| 4   | Paguyuban Petani Hutan Sosial Forestry                            | Kepuharsi 02/02, Katongan, Nglipar   |
| 5   | Lembaga Pengabdian Masyarakat Universitas Gunungkidul (LPM-UGK)   | Jl. KH Agus Salim Ledoksari, Wonosari  |
| 6   | Lembaga Hikmah, Kebijakan Publik dan Lingkungan Hidup Gunungkidul | Kepek, Wonosari, Gunungkidul   |
| 7   | Gerakan Masyarakat Agraris Indonesia                              | Jl. Pangarsan No.1 Wonosari  |
| 8   | Lestari Indonesia   | Siyono Kidul, Playen   |
| 9   | Komunitas Merangkul Bumi (Kombi)                                  | Jepitu, Girisubo   |
| 10  | Perkumpulan Pemerhati Karst (PPK) Bagus                           | Ngeposari, Semanu  |
| 11  | Forum LSM D.I.Y   | Jl. Harjono PA II/99 RT.3/RW.1 Gunung Ketur, Pakualaman, Yogyakarta  |
| 12  | Lembaga Studi dan Tata Mandiri (LESTARI)                          | Semoyan RT.1 DK II, Singosaren, Kotagede, Yogyakarta   |
| 13  | Secercah Harapan Indonesia (SHIND)                                | Kepuh Gk III/1048 Klitren, Gondokusuman, Yogyakarta 55222 Telp. 0274-7871159 HP: 087838185977  |
| 14  | PERSADA (d/h PADMAYA)   | Nusupan, Ringroad Barat, Trihanggo, Gamping, Kab Sleman 55291, DIY-Indonesia Telp : 0274-6415085 ; 08156865964 e-mail : widiandayani@yahoo.com |
| 15  | KLENTHING (Kelompok Pecinta Ilmu Pengetahuan dan Lingkungan)      | JL.Mutiara No. 68, Pengok, Demangan, Kota Yogyakarta 55221 Telp (0274) 7152381 e-mail : klenthingojja@yahoo.com                                |

| No. | Nama LSM   | Alamat  |
|-----|--|---|
| 16  | WALHI (Wahana Lingkungan Hidup Indonesia) Wilayah Yogyakarta | JL.Nyi Pembayun 14 A Karangsamalo, Kotagede, Kota Yogyakarta 55172 Telp 0274-378631                       |
| 17  | JARIPOLAH (Jejaring Pengelola Sampah)                        | JL. Gamelan Lor RW 05 Kel. Panembahan, Kec. Kraton, Kota Yogyakarta                                       |
| 18  | Earth Hour Yogyakarta  | JL.Singomulanjoyo No.7 Wirobrajan, Kota Yogyakarta  |
| 19  | FKWA (Forum Komunikasi Winongo Asri)                         | Badran RT 49 RW 11 Kel.Bumijo, Kec Jetis, Kota Yogyakarta   |
| 20  | Kampung Hijau Pandeyan                                       | Gambiran Baru UH 5 No.49 RT 45 RW 08 Kel. Pandeyan, Kec.Umbulharjo, Kota Yogyakarta                       |
| 21  | FORSIDAS (Forum Komunikasi Daerah Aliran Sungai) Gajah Wong  | Gambiran Baru UH 5 No.7 RT 45 RW 08 Kel. Pandeyan, Kec.Umbulharjo, Kota Yogyakarta                        |
| 22  | Pemerti Kali Code (Forum Masyarakat Code)                    | Masjid Al-Sallam RW 07 Jetisharjo, Kel. Cokrodiningratan, Kec. Jetis, Kota Yogyakarta                     |
| 23  | FOKAL (Forum Keluarga dan Anak Cinta Lingkungan)             | Radio Anak Jogja, Komplek Taman Pintar, JL. P. Senopati No.1-3 Kota Yogyakarta                            |
| 24  | KOPHI (Koalisi Pemuda Hijau Indonesia) Regional Yogyakarta   | Popongan RT 14 RW 30 NO. 280B Sinduadi, Mati Sleman, D.I.Yogyakarta                                       |
| 25  | Let's Do It Yogyakarta                                       | JL. Bimokurdo No. 11 Sapen, Kel. Demangan, Kota Yogyakarta 55221  |
| 26  | Kricik-Kricik Air (Komunitas Anak Penghemat Air)             | JL. Jgonegaran No. 28 Kel. Sosromenduran, Kec.Gedongtengen Tlp : 08179434814 (Rohma Aini)                 |
| 27  | Yayasan Tunas Hijau  | JL. KH Ahmad Dahlan Keputih Utara 100-A Surabaya  |
| 28  | Damar  | Triharjo, Wates   |
| 29  | JPSM "Merti Bawono Asri"                                     | Wates   |
| 30  | Forum Wates Ijo lan Resik                                    | Wates   |
| 31  | Komunitas Hijau Menoreh                                      | Wates   |
| 32  | Lembaga Studi Kesehatan (LESSAN)                             | Tromol Pos 5 Ngaglik, Jl. Kaliurang Km 10 Gentan  |
| 33  | Lingkar Lingkungan Hidup (LINGKUP) Indonesia                 | Cept Baru 193, Soropadan Gejayan, Catur-tunggal, Depok, Sleman 55281; Telp. 0274-514025; Fax. 0274-524784 |
| 34  | Wana Mandhira  | Kaliurang RT. IV/18 Harjobinangun, Pakem, Sleman, 55585; Telp. 0274-895464                                |
| 35  | Yayasan Bhakti Kasih   | Jl. Kaliurang Km. 17,8 Tegalsari, Pakem, Sleman   |
| 36  | Komunitas Pecinta Alam Pemerhati Lingkungan (KAPPALA)        | Perumahan UPN No. 42 Wedomartani, Ngemplak, Sleman 55584; Telp. 0274-870078; Fax. 0274-870023             |
| 37  | LHO-Kelompok Budaya dan Lingkungan                           | Jl. Lingkar Utara, Pogung Lor, SIA XV/E-31 Yogyakarta 55284; Telp. 0274-883038; Fax. 0274-562612          |
| 38  | Kelompok Kerja Pemberdayaan Agrotani (KKPA)                  | Jl. Kaliurang Km. 5, Gg. Srikaton CT. III/3 Depok, Sleman 55281   |
| 39  | ELKAHAI  | Jl. Solo Km. 8, Dawen No. 105, Maguwoharjo, Depok, Sleman   |
| 40  | Dian Desa  | Jl. Kaliurang Km. 7, Jurugsari IV/18, Condongcatur, Depok, Sleman   |
| 41  | Yayasan Lembaga Konsumen Indonesia (YLKI)                    | Gg. Timor-Timur No. 132 A, Yogyakarta; Telp. 0274-882936  |
| 42  | Yayasan Kutilang   | Kepuh Permai A-61 Wedomartani, Ngemplak, Sleman; Telp. 0274-870112; Fax. 0274-562386                      |
| 43  | Yayasan Patria Nusantara                                     | Jl. Masjid 439 Tapanrejo, Maguwoharjo, Depok, Sleman 55283  |
| 44  | Yayasan Prakarsa   | Jl. Laksda Adisucipto No. 155 Yogyakarta 55128; Telp. 0274-502115; Fax. 0274-587747                       |
| 45  | Yayasan PATRAPALA  | Griya Perwita Wisata DS-06 Jl. Kaliurang Km. 13,5 Yogyakarta 55581 Telp/Fax. 0274-895600                  |
| 46  | Langkah Bocah  | Jl.Bethlehem 37 Sengkan, Condongcatur, Depok, Sleman 55283; Telp. 0274-518406                             |
| 47  | Kerabat WWF  | Jl. Kaliurang Km. 7 Jurugsari IV/21, Condongcatur, Depok, Sleman  |
| 48  | Yayasan Kanopi Indonesia                                     | Pogung Lor E 20, Sinduadi, Mati, Sleman Telp./HP: 0274-47433492   |

| No. | Nama LSM   | Alamat                      |
|-----|--|-----------------------------|
| 49  | Yayasan Padmaya                                    | Nusupan, Trihanggo, Gamping |
| 50  | Kompac   | Blunyah Sinduadi, Mlati     |
| 51  | Bengkel Kesling                                    | Badegan Bantul              |
| 52  | Lestari  | Singosaren, Banguntapan     |
| 53  | Radite (Spesialis Kerajinan Daur Ulang)            | Metes, Argorejo, Sedayu     |
| 54  | Karang Taruna Piyungan (Pengelola Sampah Piyungan) | Srimartani, Piyungan        |
| 55  | Kelompok Pengelola Sampah Pasar Bantul             | Kecamatan Bantul            |
| 56  | PKL Masjid Agung (Kelompok Peduli Lingkungan)      | Kecamatan Bantul            |
| 57  | LSM Cinta Buana                                    | Desa Bantul, Kec. Bantul    |

### Tabel UP-7. Penerima Penghargaan Lingkungan Hidup

Daerah Istimewa Yogyakarta

Tahun Data : 2013

| No. | Nama Orang /Kelompok/Organisasi                     | Nama Penghargaan            | Pemberi Penghargaan | Tahun Penghargaan |
|-----|---|-----------------------------|---------------------|-------------------|
| (1) | (2)   | (3)                         | (4)                 | (5)               |
| 1   | Suratimin/Perintis Lingkungan                       | Kalpataru                   | Presiden            | 2013              |
| 2   | Dra. Endang Sri S., MA/Pembina Lingkungan           | Lomba LH tk. DIY            | Gubernur DIY        | 2013              |
| 3   | Sugiyana/Pengabdil Lingkungan                       | Lomba LH tk. DIY            | Gubernur DIY        | 2013              |
| 4   | Riyadi/Perintis Lingkungan                          | Lomba LH tk. DIY            | Gubernur DIY        | 2013              |
| 5   | KT Natah Wetan, Nglipar/Penyelamat Lingkungan       | Lomba LH tk. DIY            | Gubernur DIY        | 2013              |
| 6   | Desa Semoyo, Patuk                                  | Lomba Kampung Hijau Tk. DIY | Gubernur DIY        | 2013              |
| 7   | Sudiyono, SIP., MA/Pembina Lingkungan               | Lomba LH tk. Gunungkidul    | Bupati Gunungkidul  | 2013              |
| 8   | KT. Ngudi Sari Tirto, Sambeng/Penyelamat Lingkungan | Lomba LH tk. Gunungkidul    | Bupati Gunungkidul  | 2013              |
| 9   | Damanhuri/Perintis Lingkungan                       | Lomba LH tk. Gunungkidul    | Bupati Gunungkidul  | 2013              |
| 10  | Saptohadil/Pengabdil Lingkungan                     | Lomba LH tk. Gunungkidul    | Bupati Gunungkidul  | 2013              |
| 11  | SDN Ngabean Ponjong                                 | Sekolah Adiwiyata Nasional  | Menteri LH          | 2013              |
| 12  | SMPN 2 Gedangsari                                   | Sekolah Adiwiyata Nasional  | Menteri LH          | 2013              |
| 13  | SDN Gombang II Ponjong                              | Sekolah Adiwiyata DIY       | Gubernur DIY        | 2013              |
| 14  | SMPN 1 Giri Subo                                    | Sekolah Adiwiyata DIY       | Gubernur DIY        | 2013              |
| 15  | SMKN 1 Ngawen                                       | Sekolah Adiwiyata DIY       | Gubernur DIY        | 2013              |
| 8   | SD Wirobrajan 3                                     | Sekolah Adiwiyata Propinsi  | Propinsi DIY        | 2013              |
| 9   | SMP Muhammadiyah 2                                  | Sekolah Adiwiyata Propinsi  | Propinsi DIY        | 2013              |
| 10  | MAN Yogyakarta 1                                    | Sekolah Adiwiyata Propinsi  | Propinsi DIY        | 2013              |
| 11  | SD Marsudirini                                      | Sekolah Adiwiyata Nasional  | KLH dan Kemendiknas | 2013              |
| 12  | SMP Muhammadiyah 3                                  | Sekolah Adiwiyata Mandiri   | KLH dan Kemendiknas | 2013              |
| 13  | SD Tarakanita                                       | Sekolah Adiwiyata Mandiri   | KLH dan Kemendiknas | 2013              |
| 14  | Kota Yogyakarta                                     | Adipura Kota Besar Terbesih | KLH                 | 2013              |

| No. | Nama Orang /Kelompok/Organisasi      | Nama Penghargaan  | Pemberi Penghargaan  | Tahun Penghargaan |
|-----|--------------------------------------|---|--|-------------------|
| (1) | (2)                                  | (3)   | (4)  | (5)               |
| 15  | Kota Yogyakarta                      | Plakat Adipura, Hutan Kota Terbaik, Kebun Raya Kebun Binatang Gembiraloka                 | KLH  | 2013              |
| 16  | Kota Yogyakarta                      | Plakat Adipura, Pasar Terbersih, Pasar Beringharjo  | KLH  | 2013              |
| 17  | Kota Yogyakarta                      | Penghargaan Indonesia Green Regional Award  | Kerjasama Radio KBRI dan Majalah SWA dan DepHut                                | 2013              |
| 18  | Kota Yogyakarta                      | Penghargaan Indonesia Green Award kategori pelopor pengelolaan sampah                     | The La Tofi School of CSR, Kementerian Perindustrian dan Kementerian Kehutanan | 2013              |
| 21  | Kota Yogyakarta                      | Kota Layak Anak   | Menteri Pemberdayaan Perempuan dan Perlindungan Anak RI                        | 2013              |
| 22  | Kota Yogyakarta                      | Terminal Terbaik Adipura Terminal Giwangan  | Presiden RI  | 2013              |
| 1   | KT. Ontorejo, Hargorejo, Kokap       | Kalpataru kategori Penyelamat LH  | Gubernur DIY   | 2013              |
| 2   | PP. Zahrotul Jannah, Wates           | Pondok Pesantren Berwawasan LH  | Gubernur DIY   | 2013              |
| 3   | Pedukuhan Kembang Margosari Pengasih | Kampung Hijau   | Gubernur DIY   | 2013              |
| 4   | Pemerintah Kabupaten Kulon Progo     | Juara OBIT (One Bilions Indonesia Trees)  | Gubernur DIY   | 2013              |
| 5   | KT. Sejahtera Hargowilis Kokap       | Juara KBR (Kebun Bibit Rakyat)  | Gubernur DIY   | 2013              |
| 6   | Pemerintah Kabupaten Kulon Progo     | Juara CSR Peduli Kehutanan  | Gubernur DIY   | 2013              |
| 8   | KTH. Manunggal Banjarsari Samigaluh  | Juara Pekan Penghijauan dan Konservasi Alam Nasional (PPKAN) Kategori Kelompok Tani Hijau | Menteri Kehutanan RI   | 2013              |
| 9   | Pemerintah Kabupaten Kulon Progo     | Penyusun Laporan SLHD Terbaik   | Menteri Negara Lingkungan Hidup RI   | 2013              |
| 10  | SDN 4 Wates                          | Adiwiyata Mandiri   | Presiden RI  | 2013              |
| 11  | SMKN 1 Pengasih                      | Adiwiyata Mandiri   | Presiden RI  | 2013              |
| 1   | Winarto                              | Perintis  | Gubernur DIY dan Bupati Sleman   | 2013              |
| 2   | Muslikah                             | Pengabd   | Gubernur DIY dan Bupati Sleman   | 2013              |
| 3   | H. Habib Habudin                     | Pembina   | Gubernur DIY dan Bupati Sleman   | 2013              |
| 4   | Bank sampah Sayuti Melik             | Penyelamat Lingkungan   | Gubernur DIY dan Bupati Sleman   | 2013              |

| No. | Nama Orang /Kelompok/Organisasi                  | Nama Penghargaan                                 | Pemberi Penghargaan  | Tahun Penghargaan |
|-----|--|--|--|-------------------|
| (1) | (2)  | (3)  | (4)  | (5)               |
| 5   | SD. Kanisius Kadirejo                            | Adiwiyata Mandiri                                | Kementrian Lingkungan Hidup Republik Indonesia                               | 2013              |
| 6   | SD. Banyuurip 2                                  | Adiwiyata Nasional                               | Kementrian Lingkungan Hidup Republik Indonesia                               | 2013              |
| 7   | Kabupaten Sleman                                 | Piala Adipura                                    | Presiden Republik Indonesia / Kementrian Lingkungan Hidup Republik Indonesia | 2013              |
| 8   | Pondok Pesantren Hidayatullah di Balong Donorejo | Juara I Ponpes berwawasan lingkungan tingkat DIY | Badan Lingkungan Hidup DIY   | 2013              |
| 9   | Desa Lumbungrejo                                 | Peringkat I Kampung Hijau DIY                    | Badan Lingkungan Hidup DIY   | 2013              |
| 1   | Pontren Ibnul Qoyyim putra Piyungan              | Pontren Berwawasan LH                            | Gubernur DIY   | 2013              |
| 2   | Dsn. Puton, Trimulyo                             | Kampung Hijau                                    | Gubernur DIY   | 2013              |
| 3   | SMAN 1 Banguntapan                               | Adiwiyata  | Gubernur DIY   | 2013              |
| 4   | SMPN 1 Pandak                                    | Adiwiyata  | Gubernur DIY   | 2013              |
| 5   | SD Kanisius Sorowajan                            | Adiwiyata  | Gubernur DIY   | 2013              |
| 6   | Kabupaten Bantul                                 | Adipura  | Menteri LH   | 2013              |
| 7   | SMAN 2 Banguntapan                               | Adiwiyata  | Menteri LH   | 2013              |
| 8   | SMPN 1 Piyungan                                  | Adiwiyata  | Menteri LH   | 2013              |
| 9   | SMPN 1 Banguntapan                               | Adiwiyata  | Menteri LH   | 2013              |
| 10  | SMP Pangudiluhur Sedayu                          | Adiwiyata  | Menteri LH   | 2013              |
| 11  | SD Muhammadiyah Bodon                            | Adiwiyata  | Menteri LH   | 2013              |
| 12  | SD Bantul I                                      | Adiwiyata  | Menteri LH   | 2013              |
| 13  | Bpk. Sukijan                                     | Kalpataru, Lingkungan Pembina                    | Gubernur DIY   | 2013              |
| 14  | Kelompok Tani Catur Makaryo                      | Kalpataru, Lingkungan Penyelamat                 | Gubernur DIY   | 2013              |
| 15  | Bpk. Singgih Pranowo                             | Kalpataru, lingkungan Pengabdian                 | Gubernur DIY   | 2013              |
| 16  | Bpk. Joko Pekik                                  | Kalpataru, Lingkungan Perintis                   | Gubernur DIY   | 2013              |

Sumber: BLH DIY dan BLH/KLH/Kapedal Kab/kota di DIY

**Tabel UP-8 : Kegiatan Sosialisasi Lingkungan Hidup  
Daerah Istimewa Yogyakarta  
Tahun Data : 2013**

| No. | Nama Kegiatan | Instansi Penyelenggara | Kelompok Sasaran | Waktu Penyuluhan (Bulan/tahun) |
|-----|---------------|------------------------|------------------|--------------------------------|
|-----|---------------|------------------------|------------------|--------------------------------|

| (1) | (2)   | (3)  | (4)  | (5)  |
|-----|---|--|--|--|
| 1   | Penyuluhan Pengelolaan Sampah dan Limbah RT                       | Badan Pemberdayaan Masyarakat Perempuan Keluarga Berencana dan Pemerintahan Desa bersama PKK | Anggota PKK Kecamatan dan Desa   | 13, 14, 17, 18, 19, 24, 25, 26 dan 30 September serta 4 dan 9 Oktober 2013 |
| 2   | Sosialisasi Amdal   | BLH DIY - KLH KP   | Polri, TNI, Perangkat Desa, Tomas  | 11 Juni 2013   |
| 3   | Sosialisasi Izin Lingkungan                                       | BLH DIY - KLH KP   | SKPD terkait   | 12 Juni 2013   |
| 4   | Sosialisasi Proses Pengaduan Kasus                                | BLH DIY - KLH KP   | Polri, TNI, Perangkat Desa, Tomas  | 28 Oktober 2013  |
| 5   | Sosialisasi Keanekaragaman Hayati                                 | BLH DIY - KLH KP   | Guru dan Siswa sekolah Adiwiyata   | 11 Oktober 2013  |
| 6   | Sosialisasi Pengelolaan LH  | SMKN 1 Pengasih  | Masyarakat dan Permdes Kaliagung Sentolo   | 4, 5, dan 6 November 2013  |
| 7   | Sosialisasi Pencegahan Kerusakan Pesisir dan Pantai               | BLH DIY - KLH KP   | KT. Hutan Mangrove Pasir Mendit Jangkaran  | 20 November 2013   |
| 8   | Penyuluhan Pengelolaan LH dan Adiwiyata                           | BLH DIY - KLH KP   | Guru dan Siswa sekolah Adiwiyata   | 16 dan 23 November 2013  |
| 9   | Bimtek Jejaring Sampah  | Kapedal Kabupaten Gunungkidul  | Jejaring sampah  | 25 April 2013  |
| 10  | TOT Kader pengelolaan sampah                                      | Kapedal Kabupaten Gunungkidul  | Kelompok Pengelolaan sampah mandiri  | 27 Juni 2013   |
| 11  | Bimtek Sekolah Adiwiyata  | Kapedal Kabupaten Gunungkidul  | Sekolah Adiwiyata  | Juli 2013  |
| 12  | Bimtek Pembuatan Kerajinan dari sampah anorganik                  | Kapedal Kabupaten Gunungkidul  | Sekolah, Warga masyarakat  | Juni 2013  |
| 13  | Workshop SLHD   | Kapedal Kabupaten Gunungkidul  | Tim SLHD Kabupaten Gunungkidul   | Oktober 2013   |
| 14  | Sosialisasi Raperbup Pedoman Penyusunan Dokumen LH di Gunungkidul | Kapedal Kabupaten Gunungkidul  | Dinas Instansi, kecamatan, pengusaha   | Desember 2013  |
| 15  | Sosialisasi Pantai Bersih   | Kapedal  | Pokdarwis Pantai Nguyahan, Ngobaran, Ngrenehan, Baron, Kukup, Sepanjang, watukodok, Drini, Krakal, Silli, Sundak, Somandeng, Pulangsawal | Agustus 2013   |
| 16  | Kampung Hijau   | Kapedal  | Natah Nglipar dan Semoyo Patuk   | Oktober 2013   |
| 17  | Sosialisasi Keanekaragaman Hayati                                 | Kapedal  | Semoyo Patuk, Purwodadi Tepus dan Beji Ngawen  | Okt dan Nov 2013   |
| 18  | Kader Lingkungan  | Kapedal  | Guru SD, SMP dan SMAK di Kab. Gunungkidul  | Juni 2013  |

| No. | Nama Kegiatan   | Instansi Penyelenggara          | Kelompok Sasaran                                | Waktu Penyuluhan<br>(Bulan/tahun) |
|-----|---|---------------------------------|---|-----------------------------------|
| (1) | (2)   | (3)                             | (4)   | (5)                               |
| 19  | Ekowisata   | Kapedal                         | Pokdarwis di Kab. Gunungkidul                   | Maret 2013                        |
| 20  | Sarasehan/obrolan pinggir kali Prokasih                                 | Kapedal                         | Kelompok Pemerhati Kali dan warga               | Mei 2013                          |
| 21  | Sarasehan Prolabir Penggunaan Bahan Ramah Lingkungan dalam Rumah tangga | Kapedal                         | Warga, dan Ibu Rumah tangga                     | Nov 2013                          |
| 22  | Penyusunan Laporan UKL UPL  | Kapedal                         | Pelaku Usaha                                    | Nov 2013                          |
| 23  | Tranining Kader YGC   | Kapedal                         | Kader YGC                                       | 41518                             |
| 24  | Sosialisasi Adipura   | Kapedal                         | Sekolah, Pelayan kesehatan dan warga permukiman | 41518                             |
| 25  | Sosialisasi Adipura   | BLH Kota Yog Sub Bid PSDLH      | Permukiman, pasar, TPA,                         | 2013                              |
| 26  | Sosialisasi Sekolah Adiwiyata   | BLH Kota Yog Sub Bid PSDLH      | SD,SMP,SMA/SMK                                  | 2013                              |
| 27  | Sosialisasi Pondok Pesantren Berwawasan Lingkungan                      | BLH Kota Yog Sub Bid PSDLH      | Pondok Pesantren                                | 2013                              |
| 28  | Sosialisasi Kampung Hijau   | BLH Kota Yog Sub Bid PSDLH      | RW Se Kota Yogyakarta                           | 2013                              |
| 29  | Sosialisasi atau Pengolahan Limbah Laboratorium                         | BLH Kota Yog Sub Bid PSDLH      | SMA   | 2013                              |
| 30  | Sosialisasi Bak Sampah  | BLH Kota Yog Sub Bid Daur Ulang | RW Se Kota Yogyakarta                           | 2013                              |
| 31  | Sosialisasi Pengolahan Sampah Anorganik                                 | BLH Kota Yog Sub Bid Daur Ulang | RW Se Kota Yogyakarta                           | 2013                              |
| 32  | Sosialisasi Pengolahan Sampah Untuk Perusahaan                          | BLH Kota Yog Sub Bid Daur Ulang | Perusahaan                                      | 2013                              |
| 33  | Sosialisasi dan Pembekalan Kadar Bak Sampah dan PKK                     | BLH Kota Yog Sub Bid Daur Ulang | Fasilitator Kelurahan                           | 2013                              |
| 34  | Sosialisasi Dampak Perubahan Iklim                                      | BLH Kota Yog Sub Bid Daur Ulang | SKPD dan Masyarakat                             | 2013                              |
| 35  | Sosialisasi Bahan Perusak Ozon  | BLH Kota Yog Sub Bid Daur Ulang | Perusahaan dan Masyarakat                       | 2013                              |
| 36  | Sosialisasi dan Lokakarya Gas Rumah Kaca                                | BLH Kota Yog Sub Bid Daur Ulang | Perusahaan dan Masyarakat                       | 2013                              |
| 37  | Sosialisasi Bangunan Ramah Lingkungan                                   | BLH Kota Yog Sub Bid Daur Ulang | Perusahaan dan Masyarakat                       | 2013                              |
| 38  | Sosialisasi sekolah Adiwiyata tentang LH                                | BLH Kab. Bantul                 | Sekolah-sekolah Adiwiyata                       | April 2013                        |
| 39  | Sosialisasi Go Green  | BLH Kab. Bantul dan LSM Shind   | Sekolah SMP dan SMA sederajat se-Kab. Bantul    | April 2013                        |

| No. | Nama Kegiatan  | Instansi Penyelenggara              | Kelompok Sasaran  | Waktu Penyuluhan<br>(Bulan/tahun) |
|-----|--|-------------------------------------|---|-----------------------------------|
| (1) | (2)  | (3)                                 | (4)   | (5)                               |
| 40  | Sosialisasi dan Pembentukan Pokmas S. Winongo  | BLH Kab. Bantul dan BBWSO           | Pokmas S. Winongo   | Agustus 2013                      |
| 41  | Sosialisasi hukum dan tata cara pengadilan   | BLH Kab. Bantul dan BLH DIY         | Masyarakat wilayah kecamatan Piyungan dan banguntapan       | Oktober 2013                      |
| 42  | Sosialisasi hukum dan tata cara pengadilan   | BLH Kab. Bantul dan BLH DIY         | Perusahaan di Kab. Bantul                                   | Desember 2013                     |
| 43  | Sosialisasi tentang upaya penanggulangan dan pencegahan pencemaran untuk sekolah Adiwiyata | BLH Kab. Bantul dan BLH DIY         | Sekolah Adiwiyata   | Nov 2013                          |
| 44  | Sosialisasi hari Cipta Puspa dan Satwa Nasional  | BLH Kab. Bantul                     | Masyarakat, Jejaring sampah, Sekolah, dan instansi          | Nov 2013                          |
| 45  | Sosialisasi hari Cipta Puspa dan Satwa Nasional  | BLH Kab. Bantul                     | Masyarakat, Jejaring sampah, Sekolah, dan instansi          | Nov 2013                          |
| 46  | Bimtek persampahan   | BLH Kab. Bantul                     | Masyarakat peduli lingkungan, karang taruna dan ibu-ibu PKK | April 2013                        |
| 47  | Sosialisasi pengelolaan lingkungan pertambangan  | BLH Kab. Bantul                     | Masyarakat penambang golongan C                             | Desember 2013                     |
| 48  | Sosialisasi Pengelolaan Limbah B3 (Bahan Berbahaya dan Beracun)                            | BLH Kabupaten Bantul                | Masyarakat, Pengusaha, dan Aparatur Pemerintah              | Agustus, Oktober, November 2013   |
| 49  | Sosialisasi Ijin Gangguan dan Dampak Lingkungan  | BLH Kabupaten Bantul                | Masyarakat, Pengusaha, dan Aparatur Pemerintah              | Oktober, November, Desember 2013  |
| 50  | Sosialisasi Penyusunan Dokumen Lingkungan Hidup  | BLH Kabupaten Bantul                | Masyarakat, Pengusaha, dan Aparatur Pemerintah              | Agustus, Oktober, November 2013   |
| 51  | Pertemuan jejaringan pengelolaan sampah mandiri  | Kantor Lingkungan Hidup Kab. Sleman | Kelompok pengelola sampah                                   | 24 Mei 2013                       |
| 52  | Pertemuan jejaringan pengelolaan sampah mandiri  | Kantor Lingkungan Hidup Kab. Sleman | Kelompok pengelola sampah                                   | 16 Desember 2013                  |
| 53  | Sosialisasi biopori  | Kantor Lingkungan Hidup Kab. Sleman | Sekolah   | 12 Desember 2013                  |
| 54  | Sosialisasi biopori  | Kantor Lingkungan Hidup Kab. Sleman | Kelompok masyarakat   | 16 Desember 2013                  |
| 55  | Sosialisasi SPAH   | Kantor Lingkungan Hidup Kab. Sleman | Sekolah   | 26 Februari 2013                  |
| 56  | Sosialisasi SPAH   | Kantor Lingkungan Hidup Kab. Sleman | Kelompok masyarakat   | 31 Oktober 2013                   |

| No. | Nama Kegiatan   | Instansi Penyelenggara              | Kelompok Sasaran                           | Waktu Penyuluhan (Bulan/tahun) |
|-----|---|-------------------------------------|--|--------------------------------|
| (1) | (2)   | (3)                                 | (4)  | (5)                            |
| 57  | Sosialisasi penanaman di sekitar mata air             | Kantor Lingkungan Hidup Kab. Sleman | Kelompok masyarakat                        | 8 Nopember 2013                |
| 58  | Pembinaan Laboratorium Sekolah                        | Kantor Lingkungan Hidup Kab. Sleman | Sekolah                                    | 24 s/d 25 Juli 2013            |
| 59  | Pembinaan Pengelolaan Limbah KK Laundry               | Kantor Lingkungan Hidup Kab. Sleman | Perusahaan Laundry                         | 6 s/d 7 Desember 2013          |
| 60  | Pembentukan jejaring pengelola IPAL Komunal RT        | Kantor Lingkungan Hidup Kab. Sleman | Pengelola IPAL Komunal RT                  | 28 Oktober 2013                |
| 61  | Inventarisasi kegiatan KSM                            | Kantor Lingkungan Hidup Kab. Sleman | Pengelola IPAL Komunal RT                  | 4 Nopember 2013                |
| 62  | Pembinaan Pengelola IPAL di Minomartani               | Kantor Lingkungan Hidup Kab. Sleman | Pengelola IPAL Komunal RT                  | 8 Desember 2013                |
| 63  | Sosialisasi Produksi Bersih RT                        | Kantor Lingkungan Hidup Kab. Sleman | Kelompok Masyarakat                        | 11 Sept 2013                   |
| 64  | Pembinaan Pengelola Limbah KK Catering                | Kantor Lingkungan Hidup Kab. Sleman | Kelompok Masyarakat                        | 23 Nopember 2013               |
| 65  | Pembinaan Masyarakat Sepanjang Sungai (Sungai Wnongo) | Kantor Lingkungan Hidup Kab. Sleman | - Pendopo kec. Mlati                       | 10 Oktober 2013                |
| 66  | Jejaring Masyarakat Peduli Sungai                     | Kantor Lingkungan Hidup Kab. Sleman | - Pendopo Kec. Mlati                       | 16 Oktober 2013                |
| 67  | Gerakan Kebersihan Sungai                             | Kantor Lingkungan Hidup Kab. Sleman | - Kec. Turi, Pakem, Sleman, Mlati, Gamping | 13 Oktober 2013                |
| 68  | Sosialisasi Bimtek Pelaporan                          | Kantor Lingkungan Hidup Kab. Sleman | Perusahaan                                 | 13 Agustus 2013                |
| 69  | Sosialisasi Proper                                    | Kantor Lingkungan Hidup Kab. Sleman | Perusahaan                                 | 16 April 2013                  |

Sumber: BLH DIY dan BLH/KLH/Kapedal Kab/kota di DIY

**Tabel UP-9. Produk Hukum Bidang Pengelolaan Lingkungan Hidup Daerah Istimewa Yogyakarta Tahun Data : 2013**

| No. | Jenis Produk Hukum  | Nomor  | Tahun | Tentang   |
|-----|---|--|-------|---|
| 1   | Peraturan Daerah Prov DIY   | 5  | 2007  | Pengendalian Pencemaran Udara                                     |
| 2   | Peraturan Bersama Gubernur Daerah Istimewa Yogyakarta, Kepala Kejaksaan Tinggi, Kepala Kepolisian Daerah, Kepala Pusat Pengelolaan Lingkungan Hidup Regional Jawa | 25, KEP 76/04.1/09/06, B/2836/X/2006, KEP 23/PPLH-REG 4 / 09 | 2006  | Penegakan Hukum Lingkungan Terpadu                                |
| 3   | Peraturan Gubernur Daerah Prov DIY  | 22   | 2007  | Penetapan Kelas Air Sungai Di Provinsi Daerah Istimewa Yogyakarta |

| No. | Jenis Produk Hukum                       | Nomor | Tahun | Tentang   |
|-----|--|-------|-------|---|
| 4   | Peraturan Gubernur Daerah Prov DIY       | 20    | 2008  | Baaku Mutu Air di Provinsi Daerah Istimewa Yogyakarta   |
| 5   | Peraturan Gubernur Daerah Prov DIY       | 20    | 2009  | Baku Mutu Air Sungai di Provinsi DIY  |
| 6.. | Peraturan Gubernur Daerah Prov DIY       | 3     | 2010  | Baku Mutu Air laut  |
| 7   | Peraturan Gubernur Daerah Prov DIY       | 7     | 2010  | Baku Mutu Limbah Cair Bagi Kegiatan Industri, Pelayanan Kesehatan Dan Jasa Pariwisata         |
| 8   | Peraturan Gubernur Daerah Prov DIY       | 8     | 2010  | Program Langit Biru (Prolabir)  |
|     |  |       |       |   |
| 9   | Peraturan Gubernur Daerah Prov DIY       | 11    | 2010  | Program Perlindungan Lapisan Ozon   |
|     |  |       |       |   |
| 10  | Peraturan Gubernur Daerah Prov DIY       | 26    | 2010  | Penerapan Sanksi Administrasi Pelanggaran Lingkungan Hidup                                    |
| 11  | Peraturan Gubernur Daerah Prov DIY       | 39    | 2010  | Baku Mutu Emisi Gas Buang Kendaraan Bermotor  |
| 12  | Peraturan Gubernur Daerah Prov DIY       | 32    | 2011  | Program Kali Bersih (Prokashih)   |
| 13  | Peraturan Gubernur Daerah Prov DIY       | 51    | 2011  | Tentang Lembaga Pengujian Emisi Sumber Bergerak Kendaraan Bermotor                            |
| 14  | Surat Keputusan Gubernur Daerah Prov DIY | 214   | 1991  | Baku Mutu Lingkungan Daerah Untuk Wilayah Propinsi DIY.                                       |
| 15  | Surat Keputusan Gubernur Daerah Prov DIY | 153   | 1992  | Peruntukan Air Badan Air di Propinsi DIY.   |
| 16  | Surat Keputusan Gubernur                 | 358   | 1992  | Penetapan Flora dan Fauna Daerah Propinsi DIY.  |
| 17  | Surat Keputusan Gubernur                 | 188   | 1992  | Penetapan Sungai Code, Sungai Wnongo dan Sungai Gajahwong sebagai Sasaran Program Kali Bersih |
| 18  | Surat Keputusan Gubernur                 | 337   | 1994  | Penunjukan Laboratorium Penguji Kualitas Lingkungan di Propinsi DIY                           |
| 19  | Surat Keputusan Gubernur                 | 205   | 1996  | Penetapan Logo Identitas Flora dan Fauna Propinsi DIY   |

Sumber: BLH DIY dan BLH/KLH/Kapedal Kab/kota di DIY

## E. Kelembagaan

**Tabel UP-10. Anggaran Pengelolaan Lingkungan Hidup Daerah Istimewa Yogyakarta**  
Tahun Data : 2013

| No. | Sumber Anggaran | Peruntukan Anggaran                                     | Jumlah Anggaran    |                    |
|-----|-----------------|---|--------------------|--------------------|
|     |                 |   | Tahun 2012         | Tahun 2013         |
| (1) | (2)             | (3)   | (4)                | (5)                |
| A   | APBD            |   |                    |                    |
|     | I               | <b>Program Pelayanan Administrasi Perkantoran</b>       | <b>764,055,100</b> | <b>806,387,200</b> |
|     | 1               | Penyediaan Jasa Surat Menyurat                          | 6,000,000          | 6,500,000          |
|     | 2               | Penyediaan Jasa Komunikasi, Sumber Daya Air dan Listrik | 132,709,900        | 200,000,000        |

| No. | Sumber Anggaran | Peruntukan Anggaran   | Jumlah Anggaran      |                      |
|-----|-----------------|---|----------------------|----------------------|
|     |                 |   | Tahun 2012           | Tahun 2013           |
|     | 3               | Penyediaan Jasa Pemeliharaan Dan Perizinan Kendaraan Dinas/Operasional                | 3,500,000            | 8,000,000            |
|     | 4               | Penyediaan Jasa Administrasi Keuangan*  | 25,200,000           | 28,800,000           |
|     | 5               | Penyediaan Jasa Kebersihan Kantor   | 63,190,000           | 70,000,000           |
|     | 6               | Penyediaan Alat Tulis Kantor*   | 42,207,900           | 24,914,400           |
|     | 7               | Penyediaan Barang Cetak Dan Penggandaan*  | 44,907,000           | 19,759,800           |
|     | 8               | Penyediaan Komponen Instalasi Listrik/Penerangan Bangunan Kantor*                     | 7,563,300            | 8,499,200            |
|     | 9               | Penyediaan Peralatan Rumah Tangga*  | 8,680,000            | 6,588,800            |
|     | 10              | Penyediaan Bahan Bacaan Dan Peraturan Perundang-Undangan                              | 8,000,000            | 5,830,000            |
|     | 11              | Penyediaan Makanan dan Minuman  | 25,000,000           | 27,495,000           |
|     | 12              | Rapat-rapat Koordinasi dan Konsultasi Ke Luar Daerah                                  | 397,097,000          | 400,000,000          |
|     | II              | <b>Program Peningkatan Sarana dan Prasarana Aparatur</b>                              | <b>821,498,000</b>   | <b>1,184,256,610</b> |
|     | 1               | Pengadaan Mobil Jabatan   | 295,000,000          |                      |
|     | 2               | Pengadaan Peralatan Gedung Kantor*  | 77,436,700           | 340,068,610          |
|     | 3               | Pengadaan Mebeleur*   | 11,500,000           | 90,000,000           |
|     | 4               | Pemeliharaan Rutin/Berkala Gedung Kantor*   | 24,556,300           | 111,000,000          |
|     | 5               | Pemeliharaan Rutin/Berkala Kendaraan Dinas/Operasional                                | 141,100,000          | 290,000,000          |
|     | 6               | Pemeliharaan Rutin/Berkala Perlengkapan Gedung Kantor*                                | 60,000,000           | 54,098,000           |
|     | 7               | Rehabilitasi Sedang/Berat Gedung Kantor*  | 211,905,000          | 299,090,000          |
|     | III             | <b>Program Peningkatan Kapasitas Sumber daya Aparatur</b>                             | <b>0</b>             | <b>110,000,000</b>   |
|     | 1               | Pendidikan dan Pelatihan Formal   |                      | 100,000,000          |
|     | 2               | Bimbingan Teknis Implementasi Peraturan Perundang-undangan                            |                      | 10,000,000           |
|     | IV              | <b>Program Peningkatan Pengembangan Sistem Pelaporan Capaian Kinerja dan Keuangan</b> | <b>100,659,450</b>   | <b>118,268,000</b>   |
|     | 1               | Penyusunan Laporan Kinerja SKPD*  | 17,785,200           | 15,425,000           |
|     | 2               | Penyusunan Laporan Keuangan SKPD*   | 31,580,000           | 33,643,000           |
|     | 3               | Penyusunan Rencana Program Kegiatan SKPD serta Pengembangan Data dan Informasi*       | 40,960,250           | 55,850,000           |
|     | 4               | Monitoring dan Evaluasi Pelaksanaan Program Kegiatan SKPD                             | 10,334,000           | 13,350,000           |
|     | V               | <b>Program Pengembangan Kinerja Pengelolaan Persampahan</b>                           | <b>157,000,000</b>   | <b>419,306,125</b>   |
|     | 1               | Pengembangan Teknologi Pengolahan Persampahan*  |                      | 279,253,875          |
|     | 2               | Peningkatan Peran Serta Masyarakat Dalam Pengelolaan Persampahan                      | 157,000,000          | 140,052,250          |
|     | VI              | <b>Program Pengendalian Pencemaran dan Kerusakan Lingkungan Hidup</b>                 | <b>3,091,052,600</b> | <b>4,700,452,805</b> |
|     | 1               | Koordinasi Penilaian Kota Sehat/Adipura   | 75,000,000           | 80,000,000           |
|     | 2               | Koordinasi Penilaian Langit Biru*   | 733,980,000          | 99,945,000           |
|     | 3               | Pengawasan Pelaksanaan Kebijakan Bidang Lingkungan Hidup*                             | 72,443,000           | 77,495,000           |
|     | 4               | Pengkajian Dampak Lingkungan  | 154,965,000          | 144,475,000          |
|     | 5               | Koordinasi Pengelolaan Prokasih/Superkasih  | 175,000,000          | 77,395,000           |
|     | 6               | Ekspose Hasil Pengelolaan LH*   | 56,319,350           | 49,814,225           |
|     | 7               | Pemantauan Kualitas Udara Ambien  | 99,870,000           | 100,000,000          |
|     | 8               | Pemantapan Program Adiwiyata*   | 100,000,000          | 90,838,000           |

| No. | Sumber Anggaran | Peruntukan Anggaran   | Jumlah Anggaran      |                      |
|-----|-----------------|---|----------------------|----------------------|
|     |                 |   | Tahun 2012           | Tahun 2013           |
|     | 9               | Pemantauan Kualitas Air*  | 195,000,000          | 223,820,800          |
|     | 10              | Pembinaan Teknis Pelaksanaan AMDAL, UKL-UPL dan DPL                                 | 164,413,000          | 93,500,000           |
|     | 11              | Penegakan Hukum Lingkungan Hidup  | 92,693,000           | 70,000,000           |
|     | 12              | Penerapan Eko Efisiensi   | 79,470,000           | 79,758,500           |
|     | 13              | Pengembangan Kelembagaan Pengelolaan Lingkungan Hidup Kawasan Sungai*               | 50,000,000           | 54,441,000           |
|     | 14              | Pengembangan Sarana dan Prasarana Laboratorium Lingkungan Hidup                     | 320,798,500          | 1,075,892,980        |
|     | 15              | Peningkatan Kapasitas Laboratorium Penguji Lingkungan                               | 62,709,200           | 75,000,000           |
|     | 16              | Penyusunan Peraturan LH   | 5,580,000            | 700,000,000          |
|     | 17              | Peringatan Hari Penting Terkait Lingkungan Hidup                                    | 150,000,000          | 193,100,000          |
|     | 18              | Pondok Pesantren Berwawasan Lingkungan Hidup  | 74,450,000           | 65,880,500           |
|     | 19              | Pembinaan Pelaksanaan Pedoman Pengelolaan Laboratorium di Lingkungan SMA/SMK dan PT | 78,335,800           | 43,410,000           |
|     | 20              | Pengendalian Pencemaran Air   | 200,000,000          | 293,000,000          |
|     | 21              | Pengendalian B3 dan Limbah B3*  | 52,000,000           | 22,104,000           |
|     | 22              | Penyusunan SPM Bidang Lingkungan Hidup  | 38,114,750           | 49,803,800           |
|     | 23              | Peningkatan Peran Serta Masyarakat dalam Pengendalian LH                            | 59,911,000           | 55,760,000           |
|     | 24              | Pengendalian Pencemaran Tanah   |                      | 86,700,000           |
|     | 25              | Pembentukan Kader Lingkungan  |                      | 550,000,000          |
|     | 26              | Penyusunan Peraturan Pengelolaan Limbah B3  |                      | 69,659,000           |
|     | 27              | Festival Sungai Mendukung Kelestarian Lingkungan Hidup                              |                      | 50,000,000           |
|     | 28              | Monitoring dan Evaluasi Program Percepatan Pembangunan Sanitasi Pemukiman (PPSP)    |                      | 29,800,000           |
|     | 29              | Penyusunan Peraturan Pengendalian Pencemaran Udara                                  |                      | 98,860,000           |
|     | VII             | <b>Program Perlindungan dan Konservasi Sumber Daya ALam</b>                         | <b>1,318,440,000</b> | <b>1,597,515,150</b> |
|     | 1               | Konservasi Sumber Daya Air Dan Pengendalian Kerusakan Sumber-Sumber Air*            | 518,440,000          | 633,075,000          |
|     | 2               | Pengendalian Kerusakan Hutan Dan Lahan  | 200,000,000          | 242,607,500          |
|     | 3               | Peningkatan Konservasi Daerah Tangkapan Air dan Sumber-Sumber Air                   | 100,000,000          | 143,370,000          |
|     | 4               | Pengendalian Dan Pengawasan Pemanfaatan SDA   | 75,000,000           | 206,517,200          |
|     | 5               | Pengelolaan Keanekaragaman Hayati dan Ekosistem*                                    | 140,000,000          | 115,945,000          |
|     | 6               | Peningkatan Peran Serta Masyarakat Dalam Perlindungan dan Konservasi SDA            | 100,000,000          | 138,050,000          |
|     | 7               | Pengendalian Kerusakan Pesisir, Pantai dan Laut                                     | 185,000,000          | 117,950,450          |
|     | VIII            | <b>Program Peningkatan Kualitas dan Akses Informasi SDA dan LH</b>                  | <b>589,995,750</b>   | <b>680,324,990</b>   |
|     | 1               | Peningkatan Edukasi dan Komunikasi Masyarakat di Bidang Lingkungan                  | 47,760,000           | 49,971,200           |
|     | 2               | Pengembangan Data dan Informasi Lingkungan  | 49,842,250           | 29,231,990           |
|     | 3               | Penguatan Jejaring Informasi Lingkungan Pusat dan Daerah                            | 54,837,500           | 45,924,400           |
|     | 4               | Penyusunan dan Penerbitan Buletin Kalpataru   | 64,370,000           | 64,173,500           |
|     | 5               | Penyusunan Laporan Status Lingkungan Hidup Daerah*                                  | 73,186,000           | 52,064,900           |
|     | 6               | Penyusunan KLHS   | 300,000,000          | 333,959,000          |
|     | 7               | Penyampaian Informasi Lingkungan  |                      | 105,000,000          |
|     | IX              | <b>Program Peningkatan Pengendalian Polusi</b>                                      | <b>199,830,000</b>   | <b>269,028,800</b>   |
|     | 1               | Pengujian Emisi Kendaraan Bermotor  | 70,000,000           | 72,625,000           |

| No. | Sumber Anggaran | Peruntukan Anggaran                                    | Jumlah Anggaran      |                       |
|-----|-----------------|--|----------------------|-----------------------|
|     |                 |  | Tahun 2012           | Tahun 2013            |
|     | 2               | Pengujian Emisi/Polusi Udara Akibat Aktivitas Produksi | 59,830,000           | 59,950,000            |
|     | 3               | Pengujian Kadar Polusi Limbah Padat dan Limbah Cair    | 70,000,000           | 67,740,000            |
|     | 4               | Penyuluhan dan Pengendalian Polusi dan Pencemaran      |                      | 68,713,800            |
|     | X               | <b>Program Pengelolaan Ruang Terbuka Hijau (RTH)</b>   | <b>150,000,000</b>   | <b>2,210,856,400</b>  |
|     | 1               | Penataan RTH*  | 150,000,000          | 161,841,000           |
|     | 2               | Pembuatan Demplot Kampung Hijau                        |                      | 1,574,015,400         |
|     | 3               | DED Ruang Terbuka Hijau                                |                      | 375,000,000           |
|     | 4               | Pembuatan RTH  |                      | 100,000,000           |
| B   | Danais          | <b>Program Pengelolaan Lingkungan Berbasis Budaya</b>  | <b>0</b>             | <b>500,000,000</b>    |
|     | 1               | Kajian Inisiasi Wonodeso**                             | 0                    | 500,000,000           |
| C   | Dekon           | <b>Program Penedlaian Pencemaran Air</b>               | <b>0</b>             | <b>0</b>              |
|     |                 | <b>Total BL</b>  | <b>7,192,530,900</b> | <b>12,596,396,080</b> |

Sumber: BLH DIY dan BLH/KLH/Kapedal Kab/kota di DIY

**Tabel UP-11. Jumlah Personil Lembaga Pengelola Lingkungan Hidup menurut Tingkat Pendidikan  
Daerah Istimewa Yogyakarta  
Tahun Data : 2013**

| No. | Tingkat Pendidikan | Jumlah    |           |
|-----|--------------------|-----------|-----------|
|     |                    | Laki-Laki | Perempuan |
| (1) | (2)                | (3)       | (4)       |
| 1   | Doktor (S3)        | 0         | 0         |
| 2   | Master (S2)        | 11        | 2         |
| 3   | Sarjana (S1)       | 10        | 16        |
| 4   | Diploma (D3/D4)    | 0         | 1         |
| 5   | SLTA               | 6         | 4         |
| 6   | SLTP               | 0         | 0         |
| 7   | SD                 | 2         | 0         |
|     | Total              | <b>29</b> | <b>23</b> |

Sumber : BLH DIY

**Tabel UP-12. Jumlah Staf Fungsional Bidang Lingkungan dan Staf yang telah mengikuti Diklat  
Daerah Istimewa Yogyakarta  
Tahun Data : 2013**

| No. | Nama Instansi | Nama Jabatan Fungsional | Jumlah Staf Fungsional (dilantik) |           | Jumlah Staf Yang Sudah Diklat |           |
|-----|---------------|-------------------------|-----------------------------------|-----------|-------------------------------|-----------|
|     |               |                         | Laki-Laki                         | Perempuan | Laki-Laki                     | Perempuan |
| (1) | (2)           | (3)                     | (4)                               | (5)       | (6)                           | (7)       |

|    |                  |                              |   |   |   |   |
|----|------------------|------------------------------|---|---|---|---|
| 1. | BLH Provinsi DIY | Pengendali Dampak Lingkungan | 1 | 1 | 1 | 1 |
|----|------------------|------------------------------|---|---|---|---|

Sumber : BLH DIY