

## BAB VI

### PENUTUP

#### 6.1. Kesimpulan

Dari penelitian ini dapat disimpulkan bahwa potensi pemanfaatan air hujan yang di Kompleks Karitas Nandan adalah sebagai berikut:

- Volume rata-rata air hujan yang bisa ditampung dalam periode satu tahun sebesar 4427 m<sup>3</sup> atau 12.13 m<sup>3</sup> dalam satu hari berdasar perhitungan curah hujan andalan.
- Desain bangunan (*reservoir*) PAH yang akan dibuat pada Kompleks Karitas Nandan dipilih untuk dapat menampung air untuk kebutuhan tiga hari.
- Kebutuhan rata-rata harian adalah sebesar 20.68 m<sup>3</sup> setiap hari atau 62.04 m<sup>3</sup> dalam tiga hari.
- Total dimensi *reservoir* PAH yang akan dibangun pada Kompleks Karitas sebesar 54 m<sup>3</sup> yang terbagi menjadi 6 bangunan PAH dengan kapasitas masing-masing sebesar 9 m<sup>3</sup> yang tersebar di empat unit karya pelayanan.
- Perencanaan bangunan PAH sesuai dengan unit karya pelayan terbagi dalam empat unit karya pelayanan yaitu Rehabilitasi Narkoba Kunci, TK Karitas, SD Karitas dan SMP Karitas.
- Biaya total investasi pembangunan *reservoir* PAH dan talang lengkap dengan sarana lain seperti: pipa, kran, sambungan dan aksesoris lainnya sebesar Rp 108,011,550.96 dengan lama investasi selama 23,2 tahun.

- Pemanfaatan air hujan memiliki beberapa keuntungan, yaitu keuntungan finansial dimana mengurangi biaya listrik untuk pompa air dan keuntungan lain dari segi lingkungan adalah dengan hujan sebagai sumber daya air maka pemanfaatan air hujan ini dapat memberi nilai tambah terhadap upaya konservasi sumber daya air.

## 6.2. Saran

Dari hasil penelitian yang telah dilakukan penulis menyarankan perlunya beberapa perhatian berhubungan dengan masalah pemanfaatan air hujan sebagai kebutuhan air bersih pada Kompleks Karitas Nandan, antara lain:

- Untuk pemanfaatan air hujan sebagai air minum perlu diperhatikan proses penyaringan yang memenuhi standar kesehatan.
- Melakukan pembersihan rutin terhadap material bak penyaringan dan bak penampungan air hujan agar terhindar dari kotoran dan lumut yang mengganggu kesehatan penggunaannya.
- Melakukan pembersihan rutin terhadap genting sebagai media tangkap air hujan dan pemotongan pohon yang menyebabkan kotoran pada atap bangunan sebagai media tangkap air hujan.
- Melakukan konsultasi lebih lanjut kepada pihak pengelola lahan dan *owner* berhubungan dengan letak dan dimensi bangunan PAH baru yang akan dibuat.
- Membuat sumur resapan tambahan untuk mengurangi limpasan permukaan dan untuk *recharging* atau persediaan air tanah.

## DAFTAR PUSTAKA

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## Lampiran 1. Data Curah Hujan Harian Stasiun Cawang, Jakarta

## DATA CURAH HUJAN HUJAN HARIAN

Lokasi: Gemawan

Tahun: 2001

Tgl	2001											
	Jan	Feb	Mar	April	Mei	Juni	Juli	Ags	Sept	Okt	Nov	Des
1	0	0	0	0	0	0	0	0	0	0	24	26
2	34	34	38	25	0	0	0	0	0	0	25	0
3	0	0	0	29	17	17	0	0	0	0	38	0
4	0	0	55	0	0	0	0	0	0	0	0	0
5	35	36	45	35	0	0	0	0	0	0	0	0
6	0	0	0	21	0	0	0	0	0	0	76	0
7	0	0	0	33	0	0	0	0	0	0	54	21
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9	0	0	25	0	0	0	0	0	0	0	0	0
10	0	0	32	0	0	0	0	0	0	0	0	0
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12	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	33	0	0	0	0	0	0	0	0
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16	0	0	25	45	0	0	0	0	0	0	0	0
17	0	0	29	0	0	0	0	0	0	23	32	0
18	73	73	37	0	0	0	0	0	0	32	0	23
19	0	0	11	0	0	0	0	0	0	15	15	21
20	0	0	0	0	0	0	0	0	0	25	22	0
21	0	0	37	0	0	0	0	0	0	10	24	0
22	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	15	0	0
24	0	0	55	16	0	0	0	0	0	16	14	0
25	73	76	39	11	0	0	0	0	0	19	16	0
26	0	0	39	17	0	0	0	0	0	16	0	0
27	34	0	38	0	0	0	0	0	0	0	0	15
28	0	0	43	0	0	0	0	0	0	29	12	0
29	0		38	0	0	0	0	0	0	0	0	17
30	0		0	0	0	0	0	0	0	23	0	0
31	0		38		0		0	0		20		14
<b>Jmlh</b>	<b>304</b>	<b>274</b>	<b>673</b>	<b>334</b>	<b>17</b>	<b>17</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>265</b>	<b>449</b>	<b>160</b>
<b>Rata-2</b>	<b>10</b>	<b>10</b>	<b>22</b>	<b>12</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9</b>	<b>15</b>	<b>5</b>
<b>Max</b>	<b>73</b>	<b>76</b>	<b>55</b>	<b>45</b>	<b>17</b>	<b>17</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>32</b>	<b>76</b>	<b>26</b>

(lanjutan)

## DATA CURAH HUJAN HARIAN

Lokasi: Gemawang

Tahun: 2002

Tgl	2002											
	Jan	Feb	Merat	April	Mei	Juni	Juli	Agst	Sept	Okt	Nov	Des
1	0	28	0	0	0	0	0	0	0	0	0	0
2	0	45	0	23	0	0	0	0	0	0	0	0
3	0	35	0	24	0	15	0	0	0	0	0	0
4	0	42	0	21	0	0	0	0	0	0	0	0
5	23	0	0	24	0	0	0	0	0	0	0	0
6	0	38	0	0	0	0	0	0	0	0	0	15
7	0	33	0	0	0	0	0	0	0	0	15	15
8	0	46	0	0	0	0	0	0	0	0	0	11
9	0	30	17	40	0	0	0	0	0	0	0	0
10	0	31	0	23	0	0	0	0	0	0	0	0
11	0	0	39	0	41	0	0	0	0	0	0	14
12	0	0	0	0	11	0	0	0	0	0	0	0
13	25	0	0	0	51	0	0	0	0	0	0	0
14	0	32	0	0	0	0	0	0	0	0	0	0
15	0	24	0	17	0	0	5	0	0	0	0	17
16	0	27	0	14	0	0	0	0	0	0	0	0
17	35	26	0	0	0	0	0	0	0	0	25	0
18	29	21	22	0	0	0	0	0	0	0	57	0
19	51	15	0	21	0	0	0	0	0	0	0	0
20	35	16	0	24	0	0	0	0	0	0	0	0
21	65	18	0	27	0	0	0	0	0	0	11	0
22	10	24	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	21
24	0	0	0	0	0	0	0	0	0	0	0	0
25	0	22	0	0	0	0	0	0	0	0	0	0
26	37	19	0	0	0	0	0	0	0	0	0	20
27	28	17	19	0	0	0	0	0	0	0	0	32
28	32	0	0	0	0	0	0	0	0	0	0	11
29	0		41	0	0	0	0	0	0	0	0	32
30	0		43	0	32	0	0	0	0	0	16	29
31	0		0		0		0	0		0		0
<b>Jmlh</b>	<b>371.2</b>	<b>588.4</b>	<b>181.4</b>	<b>257.7</b>	<b>134</b>	<b>15</b>	<b>4.8</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>124</b>	<b>216</b>
<b>Rata**</b>	<b>11.97</b>	<b>21.01</b>	<b>5.85</b>	<b>8.89</b>	<b>4.33</b>	<b>0.52</b>	<b>0.15</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>4.26</b>	<b>6.95</b>
<b>Max</b>	<b>65.3</b>	<b>45.6</b>	<b>43.1</b>	<b>39.5</b>	<b>50.9</b>	<b>15</b>	<b>4.8</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>57</b>	<b>32</b>

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## DATA CURAH HUJAN HARIAN

Lokasi: Gemawang

Tahun: 2003

Tgl	2003											
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1	0	24	0	0	0	0	0	0	0	0	0	32
2	21	14	0	0	0	0	0	0	0	0	0	0
3	21	23	0	0	0	0	0	0	0	0	0	0
4	26	32	0	0	0	0	0	0	0	0	0	15
5	46	21	0	0	0	0	0	0	0	0	0	17
6	38	35	0	0	0	0	0	0	0	0	0	24
7	12	23	0	0	0	0	0	0	0	0	0	26
8	0	27	0	0	0	0	0	0	0	0	0	0
9	0	16	0	0	0	0	0	0	0	0	0	21
10	0	28	0	0	0	0	0	0	0	0	0	0
11	0	29	0	0	0	0	0	0	0	0	0	0
12	0	24	0	19	0	0	0	0	0	0	0	0
13	0	12	0	0	0	0	0	0	0	0	0	0
14	0	14	0	24	0	0	0	0	0	0	0	0
15	0	17	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0
17	0	20	22	0	0	0	0	0	0	0	10	0
18	0	18	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	52	34
20	0	0	23	0	0	0	0	0	0	0	15	37
21	0	21	18	0	0	0	0	0	0	0	45	0
22	0	23	14	0	0	0	0	0	0	0	10	32
23	0	0	28	0	0	0	0	0	0	0	20	0
24	0	24	0	0	0	0	0	0	0	0	18	16
25	0	15	0	0	0	0	0	0	0	0	0	10
26	0	0	0	0	0	0	0	0	0	0	21	0
27	25	37	0	0	0	0	0	0	0	7	0	0
28	0	39	19	0	0	0	0	0	0	0	19	0
29	16		0	0	0	0	0	0	0	0	0	0
30	0		0	21	0	0	0	0	0	0	0	0
31	0		0		0		0	0		0		0
<b>Max</b>	<b>46</b>	<b>39</b>	<b>28</b>	<b>24</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7</b>	<b>52</b>	<b>37</b>
<b>Jlm</b>	<b>205</b>	<b>535</b>	<b>123</b>	<b>64</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7</b>	<b>210</b>	<b>264</b>
<b>Rata**</b>	<b>7</b>	<b>19</b>	<b>4</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7</b>	<b>9</b>

(lanjutan)

## DATA CURAH HUJAN HARIAN

Lokasi: Gemawang

Tahun: 2004

Tgl	2004											
	Jan	Feb	Mar	Apr	Mei	Jun	Jul	Ags	Sep	Okt	Nop	Des
1	0	0	0	0	0	0	0	0	0	0	0	35
2	0	0	0	0	0	0	0	0	0	0	0	25
3	0	23	0	0	0	0	0	0	0	0	0	39
4	0	0	11	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	15	0	0	0	0	0	7
6	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	7.5	13
8	0	0	0	0	0	0	0	0	18	0	0	0
9	10	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	12	0	0	0	0	0	0	0	0	0
12	0	25	0	0	0	0	0	0	0	0	0	14
13	0	12	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	18	0	0	0	0	15
15	0	18	17	0	0	0	0	0	0	0	0	16
16	0	0	0	0	0	0	0	0	0	0	0	0
17	12	20	0	0	0	0	21	0	0	0	0	24
18	0	16	0	0	0	0	11	0	0	0	0	8
19	0	10	0	0	0	0	0	0	0	0	12	0.5
20	0	0	24	0	15	0	0	0	0	0	0	35
21	15	0	0	0	0	0	0	0	0	0	0	62
22	0	18	0	0	0	0	0	0	15	0	0	70
23	0	0	14	4	0	0	0	0	0	14	21	29
24	0	34	20	0	10	0	0	0	0	0	8	0
25	0	27	0	0	0	0	0	0	0	0	0	54
26	0	0	0	0	62.5	0	0	0	0	0	47	4
27	25.5	0	22	5	21	0	0	0	0	0	0	160
28	0	28	0	0	26	0	0	0	0	0	0	6
29	43	0	0	0	0	0	0	0	0	0	32	34
30	0		0	0	25.5	0	0	0	0	20	0	0
31	0		0		0		0	0		0		0
<b>Max</b>	<b>43</b>	<b>34</b>	<b>24</b>	<b>5</b>	<b>63</b>	<b>15</b>	<b>21</b>	<b>0</b>	<b>18</b>	<b>20</b>	<b>47</b>	<b>160</b>
<b>Jml</b>	<b>106</b>	<b>231</b>	<b>120</b>	<b>9</b>	<b>160</b>	<b>15</b>	<b>50</b>	<b>0</b>	<b>33</b>	<b>34</b>	<b>128</b>	<b>651</b>
<b>Rata**</b>	<b>3</b>	<b>8</b>	<b>4</b>	<b>0</b>	<b>5</b>	<b>1</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>4</b>	<b>21</b>

(lanjutan)

## DATA CURAH HUJAN HARIAN

Lokasi: Gemawang

Tahun: 2005

Tgl	2005											
	Jan	Feb	Mar	Apr	Mei	Jun	Jul	Ags	Sep	Okt	Nop	Des
1	0	0	0	11	0	0	0	0	0	0	0	0
2	0	0	0	3	0	0	0	0	0	0	0	0
3	0	9	4	55	0	0	0	0	0	0	0	0
4	0	0	0	3	0	0	0	0	0	0	0	0
5	15	0	15	1	0	0	18	0	0	0	0	13
6	0	0	0	1	0	0	25	0	0	0	0	0
7	24	0	0	50	0	0	21	0	0	0	0	0
8	0	1	0	20	0	0	0	0	0	0	0	0
9	0	0	1	2	0	0	0	0	0	0	0	1
10	0	45	0	0	0	0	0	0	0	0	0	12
11	0	0	21	1	0	0	0	0	0	2	0	98
12	0	36	45	1	0	0	0	0	0	85	0	0
13	20	0	0	19	0	0	0	0	0	0	0	19
14	1	7	0	9	0	0	3	0	0	10	0	19
15	0	6	0	0	0	0	0	0	0	0	0	9
16	0	11	1	0	0	0	0	0	0	0	0	0
17	3	14	0	2	0	0	1	5	0	0	5	73
18	7	0	0	0	0	0	0	0	0	22	0	3
19	18	5	0	0	0	0	0	0	0	0	0	0
20	1	50	0	0	0	0	0	0	0	0	0	27
21	2	0	0	8	0	2	0	0	0	0	1	16
22	38	0	10	0	0	7	0	0	0	0	0	11
23	15	0	5	0	0	2	0	0	0	18	0	5
24	10	2	11	0	0	0	0	0	0	0	27	4
25	0	0	3	0	0	0	0	0	0	16	0	0
26	35	6	23	0	0	0	0	0	0	0	1	12
27	0	3	4	0	0	0	0	0	0	0	5	0
28	2	37	0	0	0	0	0	0	3	0	0	0
29	0		0	1	0	0	9	0	0	0	0	10
30	0		9	4	0	0	0	0	8	0	0	0
31	32		8		0		5	0		0		0
<b>Max</b>	<b>38</b>	<b>50</b>	<b>45</b>	<b>55</b>	<b>0</b>	<b>7</b>	<b>25</b>	<b>5</b>	<b>8</b>	<b>85</b>	<b>27</b>	<b>98</b>
<b>Jml</b>	<b>222</b>	<b>230</b>	<b>158</b>	<b>188</b>	<b>0</b>	<b>10</b>	<b>81</b>	<b>5</b>	<b>10</b>	<b>153</b>	<b>39</b>	<b>330</b>
<b>Rata**</b>	<b>7</b>	<b>8</b>	<b>5</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>1</b>	<b>11</b>



(lanjutan)

## DATA CURAH HUJAN HARIAN

Lokasi: Gemawang

Tahun: 2006

Tgl	2006											
	Jan	Feb	Maret	April	Mei	Juni	Juli	Ags	Sept	Okt	Nov	Des
1	0	2	33	0	0	9	0	0	0	0	0	0
2	0	8	25	11	0	0	0	0	0	0	0	0
3	6	7	31	0	0	0	0	0	0	0	0	0
4	0	0	0	29	3	0	0	0	0	0	0	0
5	5	0	0	30	10	0	0	0	0	0	0	32
6	0	0	5	12	0	0	0	0	0	0	0	0
7	0	0	6	7	17	0	0	0	0	0	0	0
8	0	0	0	0	14	0	0	0	0	0	11	48
9	0	1	0	0	55	0	0	0	0	0	0	0
10	18	11	1	0	2	0	0	0	0	0	0	0
11	0	4	0	16	24	0	0	0	0	0	0	0
12	8	3	0	42	0	0	0	0	0	0	0	0
13	24	9	6	3	0	0	0	0	0	0	0	13
14	0	4	0	16	0	0	0	0	0	0	0	55
15	0	8	6	13	6	0	0	0	0	0	0	10
16	14	7	25	0	0	0	0	0	0	0	0	7
17	18	26	11	32	0	0	0	0	0	0	0	7
18	0	11	2	0	0	0	0	0	0	0	0	20
19	3	14	36	0	0	0	0	0	0	0	0	0
20	0	0	44	6	0	0	0	0	0	0	0	25
21	0	1	0	17	12	0	0	0	0	0	0	5
22	6	0	0	0	12	0	0	0	0	0	0	18
23	46	2	0	0	29	0	0	0	0	0	3	11
24	0	5	1	0	0	0	0	0	0	0	0	35
25	13	4	0	0	0	0	0	0	0	0	0	0
26	5	33	10	0	12	0	0	0	0	0	0	0
27	6	0	0	0	0	0	0	0	0	0	0	0
28	45	0	2	1	19	0	0	0	3	0	0	0
29	0		0	0	0	0	0	0	0	0	0	0
30	21		2	0	0	0	0	0	8	0	0	0
31	0		9		0		0	0		0		0
<b>Jmlh</b>	<b>238</b>	<b>158</b>	<b>254</b>	<b>234</b>	<b>214</b>	<b>9</b>	<b>0</b>	<b>0</b>	<b>10</b>	<b>0</b>	<b>14</b>	<b>286</b>
<b>Rata-2</b>	<b>8</b>	<b>6</b>	<b>8</b>	<b>8</b>	<b>7</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9</b>
<b>Max</b>	<b>46</b>	<b>33</b>	<b>44</b>	<b>42</b>	<b>55</b>	<b>9</b>	<b>0</b>	<b>0</b>	<b>8</b>	<b>0</b>	<b>11</b>	<b>55</b>

(lanjutan)

## DATA CURAH HUJAN HARIAN

Lokasi: Gemawang

Tahun: 2007

Tgl	2007											
	Jan	Feb	Maret	April	Mei	Juni	Juli	Ags	Sept	Okt	Nov	Des
1	0	8	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	12
3	0	0	0	10	0	0	0	0	0	0	0	0
4	0	15	18	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	8	0	0	0	0	0	0
6	0	32	38	8	0	0	8	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0
9	0	21	24	0	0	0	0	0	0	0	0	0
10	0	0	0	32	0	0	0	0	0	0	0	0
11	0	0	0	35	0	0	0	0	0	0	0	0
12	0	16	0	26	0	0	0	0	0	0	0	34
13	0	0	20	10	0	0	0	0	0	0	0	0
14	0	0	0	25	0	0	0	0	0	0	0	20
15	0	0	0	0	0	0	0	0	0	0	0	0
16	0	8	8	22	35	0	0	0	0	0	0	0
17	0	0	0	48	0	10	0	0	0	0	0	18
18	0	20	28	8	0	0	0	0	0	0	0	0
19	0	15	22	52	0	0	0	0	0	15	0	8
20	0	10	21	20	0	0	0	0	0	0	0	0
21	0	0	18	0	0	0	0	0	0	18	0	0
22	5	0	0	12	0	0	0	0	0	0	0	0
23	10	8	25	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	14
25	0	0	0	0	0	0	0	0	0	0	0	0
26	0	12	0	0	0	0	0	0	0	0	0	16
27	0	0	16	0	0	0	0	0	0	0	0	0
28	0	11	0	0	0	0	0	0	0	0	0	53
29	0		0	0	0	0	0	0	0	0	0	0
30	0		25	0	24	0	0	0	0	0	0	15
31	0		0		0		0	0		0		0
<b>Jmlh</b>	<b>15</b>	<b>176</b>	<b>263</b>	<b>308</b>	<b>59</b>	<b>18</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>33</b>	<b>0</b>	<b>190</b>
<b>Rata-2</b>	<b>0.48</b>	<b>6.29</b>	<b>8.48</b>	<b>10.27</b>	<b>1.90</b>	<b>0.60</b>	<b>0.26</b>	<b>0.00</b>	<b>0.00</b>	<b>1.06</b>	<b>0.00</b>	<b>6.13</b>
<b>Max</b>	<b>10</b>	<b>32</b>	<b>38</b>	<b>52</b>	<b>35</b>	<b>10</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>18</b>	<b>0</b>	<b>53</b>

(lanjutan)

## DATA CURAH HUJAN HARIAN

Lokasi: Gemawang

Tahun: 2008

Tgl	2008											
	Jan	Feb	Mar	Apr	Mei	Juni	Juli	Agst	Sept	Okt	Nov	Des
1	35	12	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	11
3	0	11	15	22	0	0	0	0	0	0	0	0
4	0	0	0	18	0	0	0	0	0	0	21	0
5	0	27	0	14	0	0	0	0	0	0	0	0
6	0	8	10	8	0	0	0	0	0	0	15	0
7	0	32	12	0	0	0	0	0	0	0	0	0
8	0	0	0	10	0	0	0	0	0	0	0	0
9	0	2	0	0	0	0	0	0	0	0	0	12
10	0	0	0	12	0	0	0	0	0	0	11	0
11	7	0	21	0	0	0	0	0	0	0	0	21
12	0	0	15	0	0	0	0	0	0	0	12	0
13	0	0	12	11	0	0	0	0	0	0	0	0
14	10	21	12	0	0	0	0	0	0	0	0	18
15	0	0	8	0	0	0	0	0	0	0	0	0
16	17	0	0	11	0	0	0	0	0	10	18	0
17	0	0	0	0	0	0	0	0	0	0	0	14
18	0	11	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	10	0
20	0	32	10	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	11	0
22	0	8	16	0	14	0	0	0	0	0	0	17
23	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	21	0
25	0	0	15	12	0	0	0	0	0	0	0	13
26	12	0	0	0	0	0	0	0	0	15	27	11
27	58	18	12	0	0	0	0	0	0	0	18	0
28	0	0	0	10	0	0	0	0	0	13	0	0
29	0	0	10	0	0	0	0	0	0	0	0	15
30	0		0	0	0	0	0	0	0	0	0	0
31	0		0		0		0	0		0		0
<b>Jmlh</b>	<b>139</b>	<b>182</b>	<b>168</b>	<b>128</b>	<b>14</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>38</b>	<b>164</b>	<b>132</b>
<b>Rata-2</b>	<b>4.48</b>	<b>6.28</b>	<b>5.419</b>	<b>4.27</b>	<b>0.45</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1.226</b>	<b>5.47</b>	<b>4.258</b>
<b>Max</b>	<b>58</b>	<b>32</b>	<b>21</b>	<b>22</b>	<b>14</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>15</b>	<b>27</b>	<b>21</b>

(lanjutan)

## DATA CURAH HUJAN HARIAN

Lokasi: Gemawang

Tahun: 2009

Tgl	2009											
	Jan	Feb	Mar	Apr	Mei	Juni	Juli	Ags	Sept	Okt	Nov	Des
1	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0
3	0	12	0	0	0	0	0	0	0	0	0	0
4	11	15	0	8	0	0	10	0	0	0	0	15
5	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0
7	32	0	0	15	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	12	0	0	0	0	0
9	0	0	11	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	12	0	0	0	0	10	29
11	0	18	0	0	0	0	0	0	0	0	0	10
12	0	14	0	0	0	0	0	0	0	0	0	0
13	8	0	0	0	0	0	0	0	0	8	12	0
14	0	0	0	0	0	0	0	0	0	0	0	0
15	11	0	7	0	0	0	0	0	0	0	0	0
16	0	10	0	0	0	0	0	0	0	0	14	0
17	12	0	0	0	0	0	0	0	0	0	0	22
18	0	0	0	0	0	0	0	0	0	0	10	0
19	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	12	0	0	0	8	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	11
22	18	0	17	0	0	0	29	0	0	0	0	0
23	0	11	0	0	0	0	0	0	0	0	0	10
24	0	0	0	0	0	0	0	0	0	0	0	0
25	15	0	0	0	0	0	15	0	0	7	0	8
26	13	0	0	14	0	0	0	0	0	0	11	13
27	0	13	16	0	0	0	0	0	0	0	14	0
28	21	22	0	0	0	0	0	0	0	0	8	0
29	25		0	0	0	0	0	5	0	0	0	19
30	0		11	0	0	0	0	0	0	0	0	0
31	0		0		0		0	0		0		0
<b>Jmlh</b>	<b>166</b>	<b>115</b>	<b>74</b>	<b>37</b>	<b>0</b>	<b>12</b>	<b>74</b>	<b>5</b>	<b>0</b>	<b>15</b>	<b>79</b>	<b>137</b>
<b>Rata**</b>	<b>5.355</b>	<b>3.966</b>	<b>2.39</b>	<b>1.233</b>	<b>0</b>	<b>0.4</b>	<b>2.39</b>	<b>0.161</b>	<b>0</b>	<b>0.484</b>	<b>2.633</b>	<b>4.419</b>
<b>Max</b>	<b>32</b>	<b>22</b>	<b>17</b>	<b>15</b>	<b>0</b>	<b>12</b>	<b>29</b>	<b>5</b>	<b>0</b>	<b>8</b>	<b>14</b>	<b>29</b>



(lanjutan)

## DATA CURAH HUJAN HARIAN

Lokasi: Gemawang

Tahun: 2011

Tgl	2011											
	Jan	Feb	Mar	Apr	Mei	Juni	Juli	Ags	Sept	Okt	Nop	Des
1	0	0	0	11	0	0	0	0	0	0	10	0
2	0	0	0	0	0	0	0	0	0	0	10	0
3	5	7	0	13	0	0	0	0	0	0	0	0
4	0	0	0	0	11	0	0	0	0	0	10	0
5	0	0	12	0	25	0	0	0	0	0	0	0
6	10	0	0	23	0	0	0	0	0	0	9	0
7	0	5	0	0	0	0	0	0	0	0	0	0
8	0	0	15	34	0	0	0	0	0	0	5	0
9	10	0	11	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	9	22	0	0	0	0	0	10	0
12	8	12	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	6
14	0	14	14	0	14	0	0	0	0	0	0	0
15	10	0	0	12	0	0	0	0	0	0	0	0
16	0	0	25	0	0	0	0	0	0	0	0	10
17	0	0	0	22	25	0	0	0	0	0	0	10
18	7	0	0	18	0	0	0	0	0	0	0	10
19	8	13	12	0	10	0	0	0	0	50	9	0
20	0	0	0	0	0	0	0	0	0	60	0	10
21	0	9	11	14	28	0	0	0	0	0	0	0
22	0	11	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	9	0	0	0	0	0	0	0
24	0	8	0	38	0	0	0	0	0	0	0	0
25	9	0	15	0	0	0	0	0	0	0	0	0
26	0	0	0	16	0	0	0	0	0	0	0	0
27	11	0	0	0	0	0	0	0	0	0	0	0
28	0	21	0	15	0	0	0	0	0	0	0	10
29	6		0	24	0	0	0	0	0	0	0	10
30	12		0	22	0	0	0	0	0	0	0	10
31	0		0		0		0	0		0		0
<b>Jml</b>	<b>96</b>	<b>100</b>	<b>115</b>	<b>271</b>	<b>144</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>110</b>	<b>63</b>	<b>76</b>
<b>Rata**</b>	<b>3</b>	<b>3</b>	<b>4</b>	<b>9</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>2</b>	<b>2</b>
<b>Max</b>	<b>12</b>	<b>21</b>	<b>25</b>	<b>38</b>	<b>28</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>60</b>	<b>10</b>	<b>10</b>

(lanjutan)

## DATA CURAH HUJAN HARIAN

Lokasi: Gemawang

Tahun: 2012

Tgl	2012											
	Jan	Feb	Mar	Apr	Mei	Juni	Juli	Agst	Sept	Okt	Nov	Des
1	100	0	0	10	10	0	0	0	0	0	0	20
2	10	4	54	13	0	0	0	0	0	0	0	46
3	0	42	8	0	0	0	0	0	0	0	0	0
4	0	10	5	21	0	0	0	0	0	0	0	0
5	0	0	35	0	20	0	0	0	0	0	0	11
6	0	0	21	0	25	13	0	0	0	0	11	20
7	10	0	4	0	20	0	0	0	0	16	0	0
8	0	0	10	0	0	0	0	0	0	0	0	52
9	10	0	7	0	0	0	0	0	0	0	52	0
10	10	0	44	0	0	0	0	0	0	0	0	34
11	0	0	0	0	0	0	0	0	0	0	0	0
12	0	50	11	0	0	0	0	0	0	0	0	0
13	10	0	15	0	0	0	0	0	0	9	0	15
14	0	0	0	0	0	0	0	0	0	0	44	0
15	10	0	0	0	0	0	0	0	0	17	0	0
16	10	93	0	0	0	0	0	0	0	0	22	11
17	49	4	0	8	0	0	0	0	0	6	0	0
18	35	0	20	0	0	0	0	0	0	0	62	0
19	0	15	0	3	0	0	0	0	0	17	0	8
20	0	12	0	0	0	0	0	0	0	0	0	52
21	10	43	0	0	0	0	0	0	0	0	0	52
22	28	0	0	0	0	0	0	0	0	0	52	0
23	0	55	0	0	0	0	0	0	0	0	46	0
24	0	28	0	0	0	0	0	0	0	0	50	0
25	0	62	0	0	0	0	0	0	0	0	0	24
26	0	27	0	0	0	0	0	0	0	0	9	20
27	0	1	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	22	33	0
29	2	20	0	25	0	0	0	0	0	0	30	0
30	0		0	20	0	0	0	0	0	0	0	10
31	12		34		0		0	0		0		42
<b>Jml</b>	<b>304</b>	<b>464</b>	<b>268</b>	<b>99</b>	<b>75</b>	<b>13</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>88</b>	<b>410</b>	<b>419</b>
<b>Rata**</b>	<b>10</b>	<b>16</b>	<b>9</b>	<b>3</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>14</b>	<b>14</b>
<b>Max</b>	<b>100</b>	<b>93</b>	<b>54</b>	<b>25</b>	<b>25</b>	<b>13</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>22</b>	<b>62</b>	<b>52</b>

(lanjutan)

## DATA CURAH HUJAN HARIAN

Lokasi: Gemawang

Tahun: 2013

Tgl	2013											
	Jan	Feb	Mar	April	Mei	Juni	Juli	Ags	Sept	Okt	Nov	Des
1	0	0	0	0	0	0	0	0	0	0	0	0
2	22	0	0	0	0	0	0	0	0	0	18	18
3	19	41	25	56	0	0	0	0	0	0	0	0
4	0	0	62	41	0	0	0	0	0	0	24	0
5	23	62	0	0	0	0	0	0	0	0	0	41
6	62	62	0	0	27	0	0	0	0	0	0	0
7	0	25	0	0	0	13	0	0	0	0	17	0
8	20	0	0	0	0	0	0	0	0	0	35	0
9	0	0	0	0	0	0	0	0	0	0	30	0
10	0	0	0	0	0	0	0	0	0	0	64	0
11	0	0	0	0	0	0	0	0	0	0	50	15
12	0	31	0	0	0	62	0	0	0	0	48	0
13	48	21	0	21	0	0	0	0	0	0	61	0
14	0	0	0	0	0	0	0	0	11	0	64	0
15	32	0	0	0	0	25	0	0	0	0	52	0
16	26	43	0	0	0	62	0	0	0	21	64	0
17	14	0	0	11	43	0	0	0	0	11	0	64
18	0	0	47	27	9	20	0	0	0	0	0	0
19	50	55	0	0	0	35	0	0	0	0	31	64
20	0	62	0	35	22	0	0	0	0	0	0	29
21	62	0	0	0	0	0	0	0	0	0	0	45
22	15	62	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0
24	20	62	0	0	0	0	0	0	0	0	0	0
25	40	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	7	0	0
27	43	41	0	0	0	0	0	0	0	64	13	0
28	0	0	40	0	0	0	0	0	0	51	0	0
29	15		18	0	45	0	0	0	0	0	0	34
30	0		0	0	0	0	0	0	0	0	0	50
31	0		0		0		0	0		0		0
<b>Jlm</b>	<b>512</b>	<b>567</b>	<b>192</b>	<b>193</b>	<b>146</b>	<b>217</b>	<b>0</b>	<b>0</b>	<b>11</b>	<b>155</b>	<b>573</b>	<b>361</b>
<b>Rata**</b>	<b>17</b>	<b>20</b>	<b>6</b>	<b>7</b>	<b>5</b>	<b>7</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>20</b>	<b>12</b>
<b>Max</b>	<b>62</b>	<b>62</b>	<b>62</b>	<b>56</b>	<b>45</b>	<b>62</b>	<b>0</b>	<b>0</b>	<b>11</b>	<b>64</b>	<b>64</b>	<b>64</b>



(lanjutan)

## DATA CURAH HUJAN HARIAN

Lokasi: Gemawang

Tahun: 2014

Tgl	2014											
	Jan	Feb	Mar	April	Mei	Juni	Juli	Agst	Sept	Okt	Nov	Des
1	22	5	17	12	9	0	0	0	0	0	0	1
2	0	12	4	0	20	0	1	0	0	0	0	1
3	0	56	0	4	13	0	0	0	0	0	0	5
4	0	3	6	14	0	0	0	0	0	0	0	7
5	0	19	0	55	0	0	0	0	0	0	22	2
6	0	12	0	4	0	0	0	0	0	0	0	1
7	18	8	0	2	0	0	0	0	0	0	0	3
8	0	10	0	0	1	0	0	0	0	0	22	2
9	0	1	0	14	3	0	2	0	0	0	5	1
10	0	13	0	4	0	0	0	0	0	0	38	14
11	0	0	0	2	0	0	37	0	0	0	2	48
12	0	6	20	0	0	0	19	0	0	0	18	1
13	0	0	2	27	15	0	24	0	0	0	32	13
14	0	0	0	0	10	0	1	0	0	0	54	1
15	0	0	0	0	0	36	0	0	0	0	6	17
16	0	20	47	0	0	0	0	0	0	0	59	33
17	0	0	17	0	0	0	0	0	0	0	26	0
18	0	0	40	44	1	0	0	0	0	0	4	11
19	0	0	0	0	0	2	0	0	0	0	12	28
20	0	0	0	46	0	0	1	0	0	0	0	23
21	25	25	0	0	4	0	0	0	0	0	0	19
22	4	28	0	0	0	0	0	0	0	0	0	37
23	3	4	0	0	0	0	1	0	0	0	3	3
24	21	0	12	0	9	0	0	0	0	0	25	0
25	3	59	0	0	0	4	5	0	0	0	82	0
26	0	11	0	58	0	6	0	0	0	0	0	2
27	45	0	0	0	0	0	0	0	0	0	0	38
28	42	0	5	0	0	4	0	0	0	0	21	30
29	11		0	0	0	0	0	0	0	0	11	1
30	4		1	0	0	0	0	0	0	0	61	0
31	43		0		0		0		0			2
<b>Jmlh</b>	<b>241</b>	<b>291</b>	<b>6</b>	<b>285</b>	<b>86</b>	<b>52</b>	<b>92</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>504</b>	<b>342</b>
<b>Rata**</b>	<b>8</b>	<b>10</b>	<b>47</b>	<b>10</b>	<b>3</b>	<b>2</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>17</b>	<b>11</b>
<b>Max</b>	<b>45</b>	<b>59</b>	<b>1</b>	<b>58</b>	<b>20</b>	<b>36</b>	<b>37</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>82</b>	<b>48</b>

(lanjutan)

## DATA CURAH HUJAN HARIAN

Lokasi: Gemawang

Tahun: 2015

Tgl	2015											
	Jan	Feb	Mar	Apr	Mei	Juni	Juli	Agst	Sept	Okt	Nov	Des
1	21	10	11	10	26	0	0	0	0	0	0	1
2	7	0	46	23	8	0	0	0	0	0	0	6
3	4	0	1	1	0	0	0	0	0	0	0	1
4	7	1	0	0	0	0	0	0	0	0	0	34
5	0	4	6	19	0	0	0	0	0	0	0	0
6	0	0	35	7	0	12	0	0	0	0	0	25
7	13	10	0	0	0	0	0	0	0	0	23	93
8	0	28	86	6	30	2	0	0	0	0	7	2
9	0	12	19	0	0	0	0	0	0	0	10	40
10	0	12	55	4	0	0	0	0	0	0	29	40
11	14	24	19	4	9	0	0	0	0	0	22	50
12	38	6	1	0	62	0	0	0	0	0	0	0
13	42	6	13	85	0	0	0	0	0	0	0	33
14	24	32	0	9	0	0	0	0	0	0	11	27
15	20	0	0	0	0	0	0	0	0	0	0	4
16	0	0	0	2	0	0	0	0	0	0	0	3
17	14	2	0	29	0	0	0	0	0	0	1	13
18	62	12	0	0	0	0	0	0	0	0	12	0
19	10	17	19	13	0	0	0	0	0	0	0	7
20	0	0	52	27	0	0	0	0	0	0	0	42
21	44	0	0	92	0	0	0	0	0	0	0	10
22	6	0	18	7	0	0	0	0	0	0	0	1
23	2	77	25	16	0	0	0	0	0	0	0	0
24	0	1	0	0	19	0	0	0	0	0	76	0
25	3	0	32	22	5	0	0	0	0	0	14	0
26	0	0	4	1	2	0	0	0	0	0	1	0
27	15	2	32	0	0	0	0	0	0	0	0	0
28	0	21	0	2	0	0	0	0	0	0	6	0
29	0		12	89	0	0	2	0	0	0	2	0
30	9		7	0	1	0	0	0	0	0	0	0
31	0		0		0		2			0		0
<b>Jmlh</b>	<b>356</b>	<b>276</b>	<b>492</b>	<b>467</b>	<b>162</b>	<b>14</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>215</b>	<b>431</b>
<b>Rata**</b>	<b>12</b>	<b>10</b>	<b>16</b>	<b>16</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7</b>	<b>14</b>
<b>Max</b>	<b>62</b>	<b>77</b>	<b>86</b>	<b>92</b>	<b>62</b>	<b>12</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>76</b>	<b>93</b>

(lanjutan)

## DATA CURAH HUJAN HARIAN

Lokasi: Gemawang

Tahun: 2016

Tgl	2016											
	Jan	Feb	Mar	Apr	Mei	Juni	Juli	Agst	Sept	Okt	Nov	Des
1	1	10	0	0	1	0	0	0	0	1	29	52
2	0	24	28	12	0	0	3	0	0	33	11	9
3	0	3	14	10	44	0	0	1	0	0	10	25
4	1	0	0	3	0	0	0	3	1	8	39	0
5	13	99	19	1	0	0	0	15	3	20	23	1
6	0	6	10	0	3	71	0	6	0	0	0	43
7	21	3	28	0	1	18	6	0	0	20	0	1
8	0	0	8	30	1	0	0	1	0	84	11	2
9	0	2	0	0	30	1	0	0	0	29	24	5
10	6	67	17	0	0	0	0	0	0	2	145	0
11	14	21	0	3	0	0	2	0	0	1	4	0
12	0	0	3	49	6	6	0	10	0	15	1	0
13	0	0	112	12	0	0	0	7	0	14	2	0
14	4	0	0	2	10	1	0	0	0	5	8	10
15	0	36	1	0	0	0	20	2	8	8	0	1
16	0	23	0	3	32	0	19	12	5	0	0	5
17	0	37	0	0	0	0	0	0	0	0	0	82
18	1	0	1	26	0	73	0	0	26	10	3	0
19	10	0	0	0	0	0	0	0	2	0	4	0
20	23	12	13	0	0	0	0	0	48	15	3	1
21	34	0	34	7	3	0	10	0	0	0	28	0
22	26	2	0	0	4	39	37	0	20	0	21	0
23	0	17	60	0	0	5	6	0	28	3	65	0
24	10	1	81	0	1	2	0	0	28	10	4	0
25	2	3	7	0	0	0	2	0	15	0	9	0
26	0	1	0	0	0	0	15	0	5	35	2	47
27	0	30	49	0	0	4	0	3	52	36	28	0
28	0	20	64	31	0	0	0	2	0	0	58	1
29	0	12	32	2	25	4	0	0	0	2	46	60
30	0		17	2	6	0	0	0	0	0	39	0
31	55		0		8		0	0		2		0
<b>Jml</b>	<b>220</b>	<b>427</b>	<b>596</b>	<b>195</b>	<b>175</b>	<b>223</b>	<b>121</b>	<b>61</b>	<b>243</b>	<b>351</b>	<b>614</b>	<b>348</b>
<b>Rata**</b>	<b>7</b>	<b>15</b>	<b>19</b>	<b>7</b>	<b>6</b>	<b>7</b>	<b>4</b>	<b>2</b>	<b>8</b>	<b>11</b>	<b>20</b>	<b>11</b>
<b>Max</b>	<b>55</b>	<b>99</b>	<b>112</b>	<b>49</b>	<b>44</b>	<b>73</b>	<b>37</b>	<b>15</b>	<b>52</b>	<b>84</b>	<b>145</b>	<b>82</b>

## Lampiran 2. Volume Air Hujan Setiap Unit Karya di Kompleks Karitas Nandan

Volume Air Hujan di Bruderan Karitas Nandan (m<sup>3</sup>)

Tgl	Jan	Feb	Mar	Apr	Mei	Juni	Juli	Agst	Sept	Okt	Nov	Des
1	-	-	-	-	-	-	-	-	-	-	-	-
2	37.5	-	-	-	-	-	-	-	-	-	-	-
3	37.0	15.0	-	-	30.5	26.4	-	-	-	-	-	-
4	45.1	-	-	-	-	-	-	-	-	-	-	-
5	80.5	-	-	-	-	-	-	-	-	-	-	-
6	67.7	-	-	-	-	-	-	-	-	-	-	26.4
7	21.2	-	-	-	-	-	-	-	-	-	26.4	25.7
8	-	0.9	-	-	-	-	-	-	-	-	-	19.4
9	-	-	-	-	-	-	-	-	-	-	-	-
10	-	79.3	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-	-	23.8
12	-	62.6	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	-
14	-	11.5	-	-	-	-	-	-	-	-	-	-
15	-	10.6	-	-	-	-	8.5	-	-	-	-	29.6
16	-	19.4	-	-	-	-	-	-	-	-	-	-
17	-	24.7	37.9	-	-	-	-	-	-	-	43.4	-
18	-	-	-	-	-	-	-	-	-	-	100.5	-
19	-	8.8	-	-	-	-	-	-	-	-	-	-
20	-	88.1	40.5	-	-	-	-	-	-	-	-	-
21	-	-	31.7	-	-	-	-	-	-	-	19.4	-
22	-	-	24.7	-	-	-	-	-	-	-	-	-
23	-	-	48.5	7.1	-	-	-	-	-	-	-	37.0
24	-	3.5	-	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-	-	-
26	-	10.6	-	-	-	-	-	-	-	-	-	35.8
27	44.1	5.3	-	8.8	-	-	-	-	-	12.3	-	56.4
28	-	65.2	33.5	-	-	-	-	-	-	-	-	18.5
29	28.2	-	-	-	-	-	-	-	-	-	-	56.0
30	-	-	-	-	-	-	-	-	-	-	28.2	51.1
31	-	-	-	-	-	-	-	-	-	-	-	-
<b>Jml</b>	<b>361.3</b>	<b>405.4</b>	<b>216.8</b>	<b>15.9</b>	<b>30.5</b>	<b>26.4</b>	<b>8.5</b>	-	-	<b>12.3</b>	<b>217.8</b>	<b>379.8</b>

Volume Air Hujan di Rehabilitasi Narkoba Kunci Nandan (m<sup>3</sup>)

Tgl	Jan	Feb	Maret	Apr	Mei	Juni	Juli	Agst	Sept	Okt	Nov	Des
1	-	-	-	-	-	-	-	-	-	-	-	-
2	14.7	-	-	-	-	-	-	-	-	-	-	-
3	14.5	5.9	-	-	11.9	10.3	-	-	-	-	-	-
4	17.6	-	-	-	-	-	-	-	-	-	-	-
5	31.5	-	-	-	-	-	-	-	-	-	-	-
6	26.4	-	-	-	-	-	-	-	-	-	-	10.3
7	8.3	-	-	-	-	-	-	-	-	-	10.3	10.1
8	-	0.3	-	-	-	-	-	-	-	-	-	7.6
9	-	-	-	-	-	-	-	-	-	-	-	-
10	-	31.0	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-	-	9.3
12	-	24.4	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	-
14	-	4.5	-	-	-	-	-	-	-	-	-	-
15	-	4.1	-	-	-	-	3.3	-	-	-	-	11.6
16	-	7.6	-	-	-	-	-	-	-	-	-	-
17	-	9.6	14.8	-	-	-	-	-	-	-	16.9	-
18	-	-	-	-	-	-	-	-	-	-	39.2	-
19	-	3.4	-	-	-	-	-	-	-	-	-	-
20	-	34.4	15.8	-	-	-	-	-	-	-	-	-
21	-	-	12.4	-	-	-	-	-	-	-	7.6	-
22	-	-	9.6	-	-	-	-	-	-	-	-	-
23	-	-	18.9	2.8	-	-	-	-	-	-	-	14.5
24	-	1.4	-	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-	-	-
26	-	4.1	-	-	-	-	-	-	-	-	-	14.0
27	17.2	2.1	-	3.4	-	-	-	-	-	4.8	-	22.0
28	-	25.5	13.1	-	-	-	-	-	-	-	-	7.2
29	11.0	-	-	-	-	-	-	-	-	-	-	21.9
30	-	-	-	-	-	-	-	-	-	-	11.0	20.0
31	-	-	-	-	-	-	-	-	-	-	-	-
<b>Jml</b>	<b>141.1</b>	<b>158.4</b>	<b>84.7</b>	<b>6.2</b>	<b>11.9</b>	<b>10.3</b>	<b>3.3</b>	-	-	<b>4.8</b>	<b>85.1</b>	<b>148.4</b>

Volume Air Hujan di TK Karitas Nandan (m<sup>3</sup>)

Tgl	Jan	Feb	Mar	Apr	Mei	Juni	Juli	Agst	Sept	Okt	Nov	Des
1	-	-	-	-	-	-	-	-	-	-	-	-
2	9.4		-	-				-	-	-	-	-
3	9.2	3.7	-	-	7.6	6.6		-	-	-	-	-
4	11.3	-	-	-	-	-		-	-	-	-	-
5	20.1	-	-	-	-	-		-	-	-	-	-
6	16.9	-	-	-	-	-		-	-	-	-	6.6
7	5.3	-	-	-	-	-		-	-	-	6.6	6.4
8	-	0.2	-	-	-	-		-	-	-	-	4.8
9	-		-	-	-	-		-	-	-	-	-
10	-	19.8	-	-	-	-		-	-	-	-	-
11	-		-	-	-	-		-	-	-	-	5.9
12	-	15.6	-	-	-	-		-	-	-	-	-
13	-		-	-	-	-		-	-	-	-	-
14	-	2.9	-	-	-	-		-	-	-	-	-
15	-	2.6	-	-	-	-	2.1	-	-	-	-	7.4
16	-	4.8	-	-	-	-		-	-	-	-	-
17	-	6.2	9.5	-	-	-		-	-	-	10.8	-
18	-	-	-	-	-	-		-	-	-	25.1	-
19	-	2.2	-	-	-	-		-	-	-	-	-
20	-	22.0	10.1	-	-	-		-	-	-	-	-
21	-	-	7.9	-	-	-		-	-	-	4.8	-
22	-	-	6.2	-	-	-		-	-	-	-	-
23	-	-	12.1	1.8	-	-		-	-	-	-	9.2
24	-	0.9	-		-	-		-	-	-	-	-
25	-		-	-	-	-		-	-	-	-	-
26	-	2.6	-	-	-	-		-	-	-	-	8.9
27	11.0	1.3	-	2.2	-	-		-	-	3.1	-	14.1
28		16.3	8.4		-	-		-	-	-	-	4.6
29	7.0	-	-		-	-		-	-	-	-	14.0
30	-	-	-		-	-		-	-	-	7.0	12.8
31	-	-	-		-	-		-	-	-	-	-
<b>Jlm</b>	<b>90.3</b>	<b>101.3</b>	<b>54.2</b>	<b>4.0</b>	<b>7.6</b>	<b>6.6</b>	<b>2.1</b>	-	-	<b>3.1</b>	<b>54.4</b>	<b>94.9</b>

Volume Air Hujan di SD Karitas Nandan (m<sup>3</sup>)

Tgl	Jan	Feb	Mar	Apr	Mei	Juni	Juli	Agst	Sept	Okt	Nov	Des
1	-	-	-	-			-	-	-	-	-	-
2	22.2		-	-			-	-	-	-	-	-
3	21.9	8.9	-	-	18.1	15.7	-	-	-	-	-	-
4	26.7	-	-	-	-	-	-	-	-	-	-	-
5	47.7	-	-	-	-	-	-	-	-	-	-	-
6	40.1	-	-	-	-	-	-	-	-	-	-	15.7
7	12.5	-	-	-	-	-	-	-	-	-	15.7	15.2
8	-	0.5	-	-	-	-	-	-	-	-	-	11.5
9	-	-	-	-	-	-	-	-	-	-	-	-
10	-	47.0	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-	-	14.1
12	-	37.1	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	-
14	-	6.8	-	-	-	-	-	-	-	-	-	-
15	-	6.3	-	-	-	-	5.0	-	-	-	-	17.5
16	-	11.5	-	-	-	-	-	-	-	-	-	-
17	-	14.6	22.4	-	-	-	-	-	-	-	25.7	-
18	-	-	-	-	-	-	-	-	-	-	59.5	-
19	-	5.2	-	-	-	-	-	-	-	-	-	-
20	-	52.2	24.0	-	-	-	-	-	-	-	-	-
21	-	-	18.8	-	-	-	-	-	-	-	11.5	-
22	-	-	14.6	-	-	-	-	-	-	-	-	-
23	-	-	28.7	4.2	-	-	-	-	-	-	-	21.9
24	-	2.1	-	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-	-	-
26	-	6.3	-	-	-	-	-	-	-	-	-	21.2
27	26.1	3.1	-	5.2	-	-	-	-	-	7.3	-	33.4
28	-	38.6	19.8	-	-	-	-	-	-	-	-	11.0
29	16.7	-	-	-	-	-	-	-	-	-	-	33.2
30	-	-	-	-	-	-	-	-	-	-	16.7	30.3
31	-	-	-	-	-	-	-	-	-	-	-	-
<b>Jml</b>	<b>214.0</b>	<b>240.1</b>	<b>128.4</b>	<b>9.4</b>	<b>18.1</b>	<b>15.7</b>	<b>5.0</b>	<b>-</b>	<b>-</b>	<b>7.3</b>	<b>129.0</b>	<b>225.0</b>

Volume Air Hujan di SMP Karitas Nandan (m<sup>3</sup>)

Tgl	Jan	Feb	Mar	Apr	Mei	Jun	Jul	Agst	Sept	Okt	Nov	Des
1	-	-	-	-			-	-	-	-	-	-
2	15.4	-	-	-			-	-	-	-	-	-
3	15.2	6.1	-	-	12.5	10.8	-	-	-	-	-	-
4	18.5	-	-	-	-	-	-	-	-	-	-	-
5	33.0	-	-	-	-	-	-	-	-	-	-	-
6	27.7	-	-	-	-	-	-	-	-	-	-	10.8
7	8.7	-	-	-	-	-	-	-	-	-	10.8	10.5
8	-	0.4	-	-	-	-	-	-	-	-	-	7.9
9	-	-	-	-	-	-	-	-	-	-	-	-
10	-	32.5	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-	-	9.7
12	-	25.6	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	-
14	-	4.7	-	-	-	-	-	-	-	-	-	-
15	-	4.3	-	-	-	-	3.5	-	-	-	-	12.1
16	-	7.9	-	-	-	-	-	-	-	-	-	-
17	-	10.1	15.5	-	-	-	-	-	-	-	17.7	-
18	-	-	-	-	-	-	-	-	-	-	41.1	-
19	-	3.6		-	-	-	-	-	-	-	-	-
20	-	36.1	16.6	-	-	-	-	-	-	-	-	-
21	-	-	13.0	-	-	-	-	-	-	-	7.9	-
22	-	-	10.1	-	-	-	-	-	-	-	-	-
23	-	-	19.8	2.9	-	-	-	-	-	-	-	15.2
24	-	1.4	-	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-	-	-
26	-	4.3	-	-	-	-	-	-	-	-	-	14.6
27	18.0	2.2	-	3.6	-	-	-	-	-	5.1	-	23.1
28	-	26.7	13.7	-	-	-	-	-	-	-	-	7.6
29	11.5	-	-	-	-	-	-	-	-	-	-	22.9
30	-	-	-	-	-	-	-	-	-	-	11.5	20.9
31	-	-	-	-	-	-	-	-	-	-	-	-
<b>Jml</b>	<b>147.9</b>	<b>165.9</b>	<b>88.7</b>	<b>6.5</b>	<b>12.5</b>	<b>10.8</b>	<b>3.5</b>	-	-	<b>5.1</b>	<b>89.2</b>	<b>155.5</b>



## Lampiran 3. Harga Satuan Pekerjaan Bangunan PAH dan Talang

## PEKERJAAN BANGUNAN PANEN AIR HUJAN 1.5 x 3 x 2

ITEM PEKERJAAN		VOLUME	SATUAN	HARGA	
				SATUAN	TOTAL
PEKERJAAN PERSIAPAN					
1	Pek. Pembersihan Lahan	9	m <sup>2</sup>	12,375.00	111,375.00
2	Pek. Pengalihan Tanah	7.48	m <sup>3</sup>	60,087.00	449,450.76
PEKERJAAN FONDASI					
1	Pek. Pasangan Pasir Urug	0.419	m <sup>3</sup>	468107.5	196,137.04
2	Pek. Pasangan Fondasi 1 PC : 3 PP	4.25	m <sup>3</sup>	999,300.00	4,247,025.00
PEKERJAAN LANTAI					
1	Pek. Lantai Kerja	0.27	m <sup>3</sup>	979,561.00	264,481.47
2	Pek. Pembesian Lantai Dasar	7.98984	m <sup>2</sup>	19,000.00	151,806.96
3	Pek. Lantai Dasar	0.27	m <sup>3</sup>	771,078.00	208,191.06
PEKERJAAN DINDING					
1	Pek. Pemasangan Bata	2.16	m <sup>3</sup>	328,313.5	709,157.16
PEKERJAAN BAK SARINGAN					
1	Pek. Pemasangan Bata	0.144	m <sup>3</sup>	328,313.5	47,277.14
2	Pek. Pemasangan Sekat	0.1248	m <sup>3</sup>	328,313.5	40,973.52
PEKERJAAN PENUTUP					
2	Pek. Pemasangan Bekisting	8.5	m <sup>2</sup>	336,386.5	2,859,285.25
3	Pek. Pembesian	7.9898	m <sup>2</sup>	247,577.8	1,978,096.71
4	Pek. Pengecoran	0.51	m <sup>3</sup>	1,046,448.3	533,688.61
PEKERJAAN LUBANG PEMERIKSAAN					
1	Pek. Bekesting	0.25	m <sup>2</sup>	79,120.0	19,780.00
2	Pek. Pembesian	0.25	m <sup>2</sup>	247,577.8	61,894.44
3	Pek. Pengecoran	0.015	m <sup>3</sup>	1,046,448.3	15,696.72
PEKERJAAN FINISHING					
1	Pek. Plasteran Dinding & Lantai	2.16	m <sup>3</sup>	61,822.3	133,536.06
<b>TOTAL</b>					<b>12,027,852.91</b>

## PEKERJAAN TALANG AIR HUJAN

ITEM PEKERJAAN		VOLUME	SATUAN	HARGA	
				SATUAN	TOTAL
<b>BRUDERAN KARITAS</b>					
1	Pek. Talang Datar Guter	208.28	m	22,896.62	4,768,906.97
2	Pek. Pipa Datar	44	m	16,372.15	720,374.49
3	Pek. Talang Tegak	18	m	23,765.90	427,786.20
<b>REHABILITASI NARKOBA KUNCI</b>					
1	Pek. Talang Datar Guter	220.58	m	22,896.62	5,050,535.34
2	Pek. Pipa Datar	33.34	m	16,372.15	545,847.40
3	Pek. Talang Tegak	12	m	23,765.90	285,190.80
<b>TK KARITAS</b>					
1	Pek. Talang Datar Guter	121	m	22,896.62	2,770,490.42
2	Pek. Pipa Datar	40.3	m	16,372.15	659,797.54
3	Pek. Talang Tegak	9.15	m	23,765.90	217,457.99
<b>SD KARITAS</b>					
1	Pek. Talang Datar Guter	185.7	m	22,896.62	4,251,901.41
2	Pek. Pipa Datar	60.6	m	16,372.15	992,152.14
3	Pek. Talang Tegak	15	m	23,765.90	356,488.50
<b>SMP KARITAS</b>					
1	Pek. Talang Datar Guter	169.47	m	22,896.62	3,880,289.34
2	Pek. Pipa Datar	45.29	m	16,372.15	741,494.56
3	Pek. Talang Tegak	15	m	23,765.90	356,488.50
<b>TOTAL</b>					<b>26,025,201.59</b>