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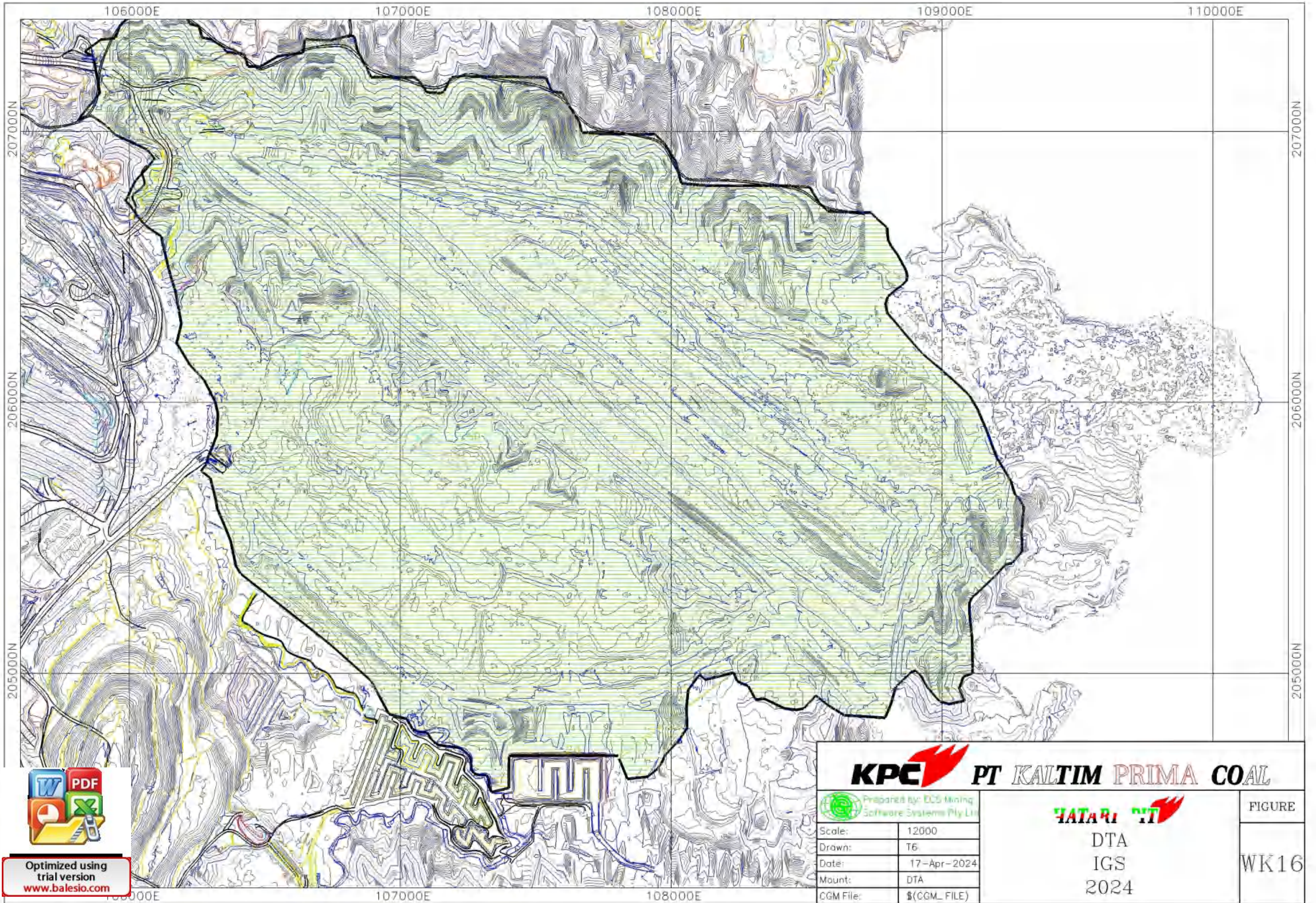


LAMPIRAN



Lampiran 1
Peta Daerah Tangkapan Hujan Pit Inul
Lignite South

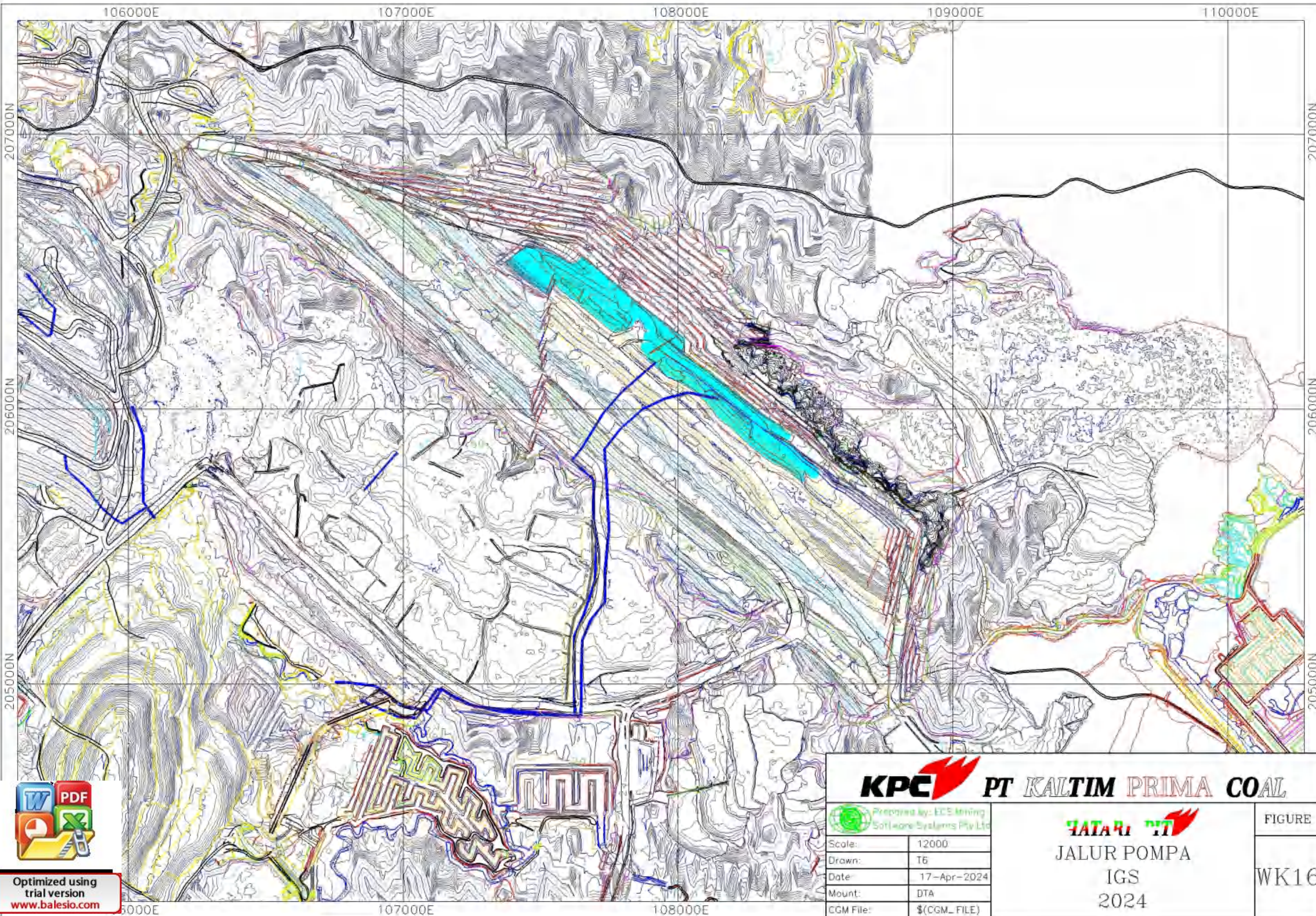




Lampiran 2

Peta Jalur Pemipaan





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trial version
www.balesio.com

KPC **PT KALTIM PRIMA COAL**

Prepared by: ECE Mining
Software Systems Pte Ltd

Scale:	12000
Drawn:	T6
Date:	17-Apr-2024
Mount:	DTA
CGM File:	\$(CGM_FILE)

JALUR POMPA
IGS
2024

FIGURE

WK16

Lampiran 3

Data Curah Hujan Tahun 2019-2023



Data curah hujan tahun 2019

Tanggal	Curah hujan (mm)											
	jan	Feb	Mar	Apr	Mei	Jun	Jul	Agus	Sep	Okt	Nov	Des
1	4.5	0.0	0.0	22.0	0.0	5.5	3.0	0.0	0.0	1.5	42.0	48.5
2	22.5	1.5	0.0	1.5	1.5	29.0	18.0	0.0	0.0	2.5	0.5	0.0
3	68.0	8.5	0.0	33.0	9.0	0.0	1.0	2.5	0.0	0.0	23.0	0.5
4	6.0	0.0	0.0	1.5	0.0	6.5	1.5	0.0	0.0	9.5	5.5	30.5
5	11.5	0.0	0.0	7.0	0.5	0.0	28.5	0.0	0.0	0.0	0.0	0.0
6	0.0	13.0	0.0	5.5	18.5	28.0	0.0	0.0	5.0	0.0	0.0	1.5
7	0.0	0.0	0.5	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	4.5	0.0	0.0	2.5	4.0	0.0	0.0	0.0	1.0	0.0	0.0
9	2.5	15.0	0.0	31.0	39.0	12.5	0.0	0.0	0.0	161.5	83.0	10.5
10	0.0	4.5	26.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0
11	0.0	0.0	3.5	0.0	2.5	6.0	2.0	0.0	0.0	0.0	7.5	0.5
12	0.0	0.0	2.0	14.5	0.5	0.0	32.0	0.0	0.0	0.0	0.0	0.0
13	5.0	2.5	9.5	0.5	0.0	0.0	3.0	0.0	0.0	2.0	21.0	7.5
14	6.5	0.0	1.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	4.5
15	0.5	0.0	0.0	2.0	0.0	74.0	0.0	0.0	0.0	0.0	0.0	0.5
16	6.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	1.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	9.5	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	22.0	1.5	0.0	0.0	0.0	0.0	0.0	1.0
19	19.5	0.0	0.0	0.0	1.5	1.0	0.0	0.0	0.0	0.0	0.0	23.5
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.0	0.0	0.0	0.0	0.0
21	7.5	0.0	15.0	20.5	0.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0
22	9.5	0.0	0.0	0.0	14.0	1.5	0.0	0.0	0.0	0.0	0.0	2.5
23	9.0	0.0	0.0	4.5	1.5	0.0	2.5	0.0	0.0	0.0	0.0	57.5
24	0.0	0.0	0.0	7.5	4.0	1.0	1.5	0.0	0.0	0.0	0.0	1.0
25	0.0	0.0	26.0	2.5	0.0	0.0	4.0	0.0	0.0	0.0	20.5	0.0
26	47.0	4.5	25.5	5.5	0.0	0.0	14.0	0.0	0.0	17.5	33.0	4.0
27	0.0	20.0	0.0	0.5	4.0	4.0	22.0	1.5	0.0	1.0	0.0	3.0
28	0.0	0.0	5.5	5.5	0.0	7.5	5.5	0.0	17.0	0.5	0.0	0.0
29	0.0	-	13.0	33.0	0.0	0.5	0.5	0.0	2.0	0.0	0.0	0.0
30	0.0	-	2.5	15.5	0.0	0.0	0.0	0.0	0.0	9.0	3.0	0.0
31	19.0	-	52.0	-	0.0	-	17.0	0.0	-	0.0	-	0.0
Total	244.5	74.0	182.0	213.5	130.0	196.0	156.0	21.0	24.0	207.0	242.0	197.0
Hari Hujan	16	9	13	20	16	20	16	3	3	11	12	16
Rata-rata	7.88	2.64	5.87	7.11	4.19	6.53	5.03	0.68	0.8	6.67	8.06	6.35
Maksimum	68	20	52	33	39	74	32	17	17	161.5	83	57.5



Data curah hujan tahun 2020

Tanggal	Curah hujan (mm)											
	jan	Feb	Mar	Apr	Mei	Jun	Jul	Agus	Sep	Okt	Nov	Des
1	17.0	0.0	0.0	6.0	0.0	3.5	0.0	3.5	35.5	0.0	1.0	0.0
2	0.5	0.0	0.0	18.5	0.0	0.0	28.0	4.0	0.5	0.5	0.0	16.0
3	0.0	0.0	7.0	35.0	0.0	12.5	9.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	9.0	0.0	0.0	0.5	2.5	3.0	14.0	0.0	1.0	0.0
5	14.5	0.0	5.5	0.0	0.0	0.0	0.0	15.0	2.0	2.5	0.0	5.5
6	3.0	3.5	43.0	0.5	0.0	0.0	4.0	0.0	0.0	0.0	0.0	30.0
7	0.0	10.5	0.5	0.0	0.0	0.0	3.5	0.0	4.5	0.0	0.0	32.5
8	0.0	0.0	14.5	46.0	1.0	14.5	0.5	0.0	10.5	0.0	28.0	3.5
9	0.0	0.0	0.0	3.5	1.0	0.5	3.0	22.0	2.5	1.0	0.0	0.0
10	0.0	0.5	32.0	0.0	0.0	5.5	2.5	3.0	0.0	4.5	0.0	32.0
11	6.5	0.0	0.0	8.0	0.0	0.0	2.0	0.0	4.0	3.0	0.0	0.0
12	2.5	0.0	0.5	25.0	0.0	0.0	0.0	1.5	0.0	72.0	0.0	10.0
13	0.0	0.0	0.0	0.0	12.5	13.5	4.0	7.0	0.0	0.5	0.0	0.0
14	0.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	3.5	1.0	0.0	0.0
15	1.5	0.5	0.0	0.0	0.0	2.0	25.0	0.0	12.5	3.0	12.5	0.0
16	0.0	0.5	0.0	0.0	3.0	4.5	4.5	0.0	0.0	0.5	0.0	47.5
17	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.5	0.0	0.0
18	0.0	2.5	0.0	2.5	2.5	0.0	0.0	0.0	0.0	40.0	0.0	10.5
19	10.0	0.0	9.5	0.5	0.0	1.5	2.5	0.5	5.0	0.5	1.5	0.5
20	0.0	47.5	3.5	13.5	3.5	12.0	0.0	0.0	0.0	0.0	0.0	0.0
21	5.5	3.0	21.5	0.0	0.0	0.0	5.0	0.0	20.5	0.0	0.0	0.0
22	1.5	0.0	0.0	0.5	18.0	0.0	0.0	0.0	1.0	0.0	9.5	12.0
23	1.0	0.0	0.0	0.0	19.5	5.5	26.5	0.0	17.0	0.0	0.0	0.0
24	0.0	0.0	26.0	0.0	0.0	3.5	1.0	0.0	8.0	0.0	7.5	18.0
25	0.0	0.0	0.5	0.0	0.0	7.5	2.0	0.0	9.5	72.5	4.0	3.0
26	0.0	0.0	0.0	3.0	0.0	1.0	33.5	12.5	0.0	12.5	2.0	6.0
27	0.0	1.0	0.0	0.0	0.0	0.5	1.5	1.5	3.5	5.0	13.0	3.5
28	0.0	0.0	0.5	17.0	6.5	9.5	0.0	0.0	1.5	0.0	6.0	12.5
29	0.0	0.0	0.5	11.0	4.5	1.0	0.0	0.0	1.5	0.0	0.0	1.5
30	6.5	-	0.0	9.5	0.5	0.0	4.0	0.0	0.0	0.0	59.5	1.0
31	15.0	-	0.5	-	0.0	-	1.0	0.0	-	0.0	-	0.0
Total	85.0	69.5	174.5	201.0	72.5	99.0	168.5	73.5	157.0	219.5	145.5	245.5
Hari Hujan	13	9	16	17	11	18	23	11	19	16	12	19
Rata-rata	2.74	2.4	5.63	6.7	2.34	3.3	5.43	2.37	5.23	7.08	4.85	7.92
Maksimum	17	47.5	43	46	19.5	14.5	33.5	22	35.5	72.5	59.5	47.5



Data curah hujan tahun 2021

Tanggal	Curah hujan (mm)											
	jan	Feb	Mar	Apr	Mei	Jun	Jul	Agus	Sep	Okt	Nov	Des
1	1.5	0.0	1.0	1.5	0.0	14.0	4.5	17.0	0.0	0.0	10.5	0.0
2	6.5	4.0	0.0	0.5	1.0	22.0	4.0	10.0	0.5	1.5	1.5	32.0
3	2.5	1.5	0.0	0.0	0.0	0.0	5.0	0.0	13.0	1.0	0.5	3.0
4	0.0	4.0	10.5	20.0	18.5	0.0	1.0	19.0	6.0	21.0	8.5	12.5
5	14.5	0.0	1.5	4.5	0.0	0.0	2.5	5.0	0.0	0.5	0.0	0.5
6	0.0	26.0	0.0	16.0	5.0	0.0	6.5	0.0	21.0	43.0	4.0	21.0
7	0.0	6.0	0.0	0.0	2.5	0.5	0.0	0.0	0.5	3.0	0.0	0.5
8	0.0	0.0	31.0	1.5	2.0	0.0	1.5	9.0	24.0	0.0	35.0	9.5
9	23.0	0.0	1.5	3.5	18.0	0.0	4.0	0.0	2.0	0.0	1.0	0.0
10	6.0	0.0	7.0	0.5	0.0	2.5	0.0	0.0	0.0	0.0	0.0	20.5
11	0.0	38.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	42.0	0.0	4.5
12	13.0	27.5	4.0	0.0	0.0	0.5	29.0	0.5	36.0	2.5	5.5	33.0
13	1.0	0.0	0.0	25.0	0.0	6.5	0.0	1.0	9.5	0.0	3.5	0.0
14	10.0	48.5	3.0	0.0	1.5	1.0	42.5	0.0	0.0	12.5	0.0	6.0
15	2.5	1.0	0.0	15.0	4.5	1.0	7.5	0.0	0.0	0.0	14.5	9.5
16	1.0	6.0	3.0	0.0	0.0	0.0	5.5	7.0	2.0	4.5	2.5	1.0
17	11.5	0.0	4.5	52.0	3.5	0.0	0.0	13.0	0.0	0.0	2.0	0.0
18	0.0	2.0	11.0	6.5	0.0	3.0	0.0	5.0	0.0	3.0	0.0	0.0
19	14.0	0.0	0.0	9.5	16.5	0.0	0.0	20.0	26.0	4.5	18.5	3.0
20	0.5	0.0	0.0	0.0	0.0	16.0	0.0	12.5	0.0	39.0	1.0	5.0
21	21.0	0.0	18.0	2.0	12.0	0.0	12.5	0.0	54.0	0.0	11.5	1.5
22	11.0	25.5	3.0	0.0	0.5	1.5	0.0	34.5	11.5	20.0	0.0	1.0
23	0.0	19.5	5.5	1.0	6.0	0.0	0.0	2.5	0.0	0.0	0.0	1.0
24	18.5	0.0	1.0	0.0	0.5	0.0	0.0	5.0	4.5	0.0	13.0	13.0
25	10.0	5.0	0.0	4.5	30.0	3.5	3.0	3.5	4.5	4.0	3.0	1.5
26	0.0	47.0	0.5	1.0	0.0	0.0	1.0	0.0	0.0	3.0	38.5	26.0
27	20.5	0.0	5.5	0.0	0.5	0.0	4.5	0.0	1.5	3.0	73.5	26.5
28	0.0	1.5	7.5	0.0	0.0	9.0	0.0	67.5	3.0	24.0	0.5	0.0
29	0.0	-	55.0	0.5	0.0	0.0	5.0	0.5	0.0	0.5	34.0	28.0
30	0.0	-	46.0	0.0	0.0	6.0	3.0	0.0	0.0	9.5	0.5	2.0
31	0.0	-	25.0	-	34.0	-	1.0	4.5	-	10.0	-	0.0
Total	188.5	263.0	245.0	165.0	156.5	99.0	143.5	237.0	219.5	252.0	283.0	262.0
Hari Hujan	19	16	21	18	17	15	19	19	17	21	22	24
Rata-rata	6.08	9.39	7.9	5.5	5.05	3.3	4.63	7.64	7.31	8.13	9.43	8.45
Maksimum	23	48.5	55	52	34	22	42.5	67.5	54	43	73.5	33



Data curah hujan tahun 2022

Tanggal	Curah hujan (mm)											
	jan	Feb	Mar	Apr	Mei	Jun	Jul	Agus	Sep	Okt	Nov	Des
1	0.0	23.5	0.0	0.0	0.0	0.0	0.5	3.5	1.0	0.0	0.0	1.0
2	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.5	15.0	0.0	0.0	5.5
3	15.0	6.0	0.0	29.0	0.0	0.0	0.0	1.5	0.0	24.0	0.0	18.0
4	0.0	4.0	0.0	0.5	0.0	0.0	4.0	1.0	0.0	12.5	0.0	1.0
5	30.0	11.0	0.0	20.0	101.0	7.0	0.0	8.0	17.5	4.5	4.0	0.5
6	0.5	0.0	6.5	1.0	0.5	0.0	32.0	0.5	10.5	9.5	2.0	0.0
7	3.0	8.5	17.5	0.0	0.0	0.5	5.0	2.5	0.0	0.5	7.5	2.5
8	11.5	0.5	6.0	0.0	1.5	0.5	0.0	2.0	0.5	0.0	0.0	0.0
9	0.0	1.0	14.5	0.0	0.5	0.0	47.0	0.0	12.5	73.0	91.0	110.0
10	0.0	1.0	31.0	8.0	26.8	4.0	1.0	22.5	5.0	5.0	0.0	0.5
11	21.0	15.0	0.0	0.0	0.5	0.0	2.0	0.0	0.5	24.0	0.0	0.0
12	4.0	11.0	6.5	0.0	2.0	0.0	1.0	0.0	3.5	13.0	0.0	1.5
13	0.0	6.0	29.5	7.0	2.0	1.0	0.0	14.0	0.0	2.5	8.0	6.5
14	0.0	24.0	1.5	0.0	23.0	0.0	33.0	0.5	36.5	0.0	7.0	2.0
15	4.0	0.0	0.0	0.0	0.0	0.5	1.5	0.0	0.5	0.0	0.0	19.5
16	0.0	18.0	0.0	9.5	0.0	0.0	0.5	1.5	0.0	0.0	0.0	1.0
17	0.0	2.5	3.5	2.5	2.0	0.0	3.0	0.5	0.0	4.0	0.0	40.0
18	1.0	0.5	167.0	0.0	4.0	0.5	10.0	14.0	0.0	0.0	0.0	1.0
19	0.0	18.0	126.0	0.0	0.0	4.0	0.5	0.0	0.0	13.0	1.0	5.5
20	6.5	59.5	1.0	27.0	0.0	2.0	0.0	0.0	0.0	0.5	0.0	17.5
21	8.5	1.0	0.5	0.5	2.0	0.0	0.0	0.0	19.5	0.5	4.0	0.5
22	1.5	13.0	0.0	0.5	25.0	1.5	0.0	0.0	0.5	8.0	24.0	0.0
23	17.0	14.0	4.5	24.0	9.5	0.0	2.0	64.0	5.0	3.0	0.0	13.5
24	0.0	0.5	0.0	0.0	0.0	0.0	0.0	5.0	0.0	49.0	0.0	4.5
25	12.0	9.5	23.0	0.5	0.0	0.0	1.5	0.0	1.5	0.0	0.0	0.5
26	0.5	7.5	6.0	47.0	0.0	3.0	0.0	1.0	0.0	22.5	0.0	0.0
27	0.0	2.5	0.0	56.0	0.0	0.0	0.0	0.0	12.0	0.0	1.0	0.0
28	55.0	18.0	0.0	14.0	0.0	0.5	3.5	4.0	0.0	7.0	0.0	0.0
29	1.0	-	0.0	17.5	16.0	0.5	0.5	0.5	1.5	5.0	2.5	0.0
30	0.0	-	6.5	0.0	17.5	4.5	1.5	0.5	0.5	0.0	13.0	2.5
31	1.5	-	0.0	-	0.0	-	11.0	6.0	-	0.0	-	0.0
Total	193.5	276.0	451.0	272.5	233.8	30.0	161.0	153.5	143.5	281.0	165.0	255.0
Hari Hujan	18	25	17	18	16	14	20	21	18	20	12	22
Rata-rata	6.24	9.85	14.54	9.08	7.54	1	5.19	4.95	4.78	9.06	5.5	8.22
Maksimum	55	59.5	167	56	101	7	47	64	36.5	73	91	110



Data curah hujan tahun 2023

Tanggal	Curah hujan (mm)											
	jan	Feb	Mar	Apr	Mei	Jun	Jul	Agus	Sep	Okt	Nov	Des
1	0.0	28.0	16.5	1.5	0.0	24.0	23.5	0.0	0.0	0.0	0.0	1.5
2	0.0	4.5	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	1.0	0.5	0.0	0.0	22.5	0.5	5.0	0.0	0.0	0.0	0.0	0.5
4	3.5	1.0	0.0	1.0	0.0	0.0	14.0	0.0	6.5	0.0	0.5	1.0
5	0.0	0.0	0.0	0.0	0.0	142.5	0.5	0.0	0.0	0.0	0.0	2.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5	0.0	0.0	0.0	1.0
7	5.5	0.0	0.0	14.0	1.0	1.0	9.0	0.0	10.0	0.0	0.0	0.5
8	15.0	2.0	0.0	0.0	26.0	1.0	29.0	27.5	4.0	0.0	49.0	1.5
9	0.5	0.0	17.0	10.0	0.0	18.5	0.5	0.0	0.0	0.0	0.5	0.0
10	3.0	0.0	13.5	15.5	13.0	1.0	17.5	0.0	0.0	1.5	1.0	0.0
11	0.0	0.0	0.0	18.0	0.0	0.0	1.0	2.0	1.0	0.0	0.0	113.0
12	12.0	0.0	20.5	20.5	2.5	11.0	0.0	1.5	61.0	0.0	1.5	35.0
13	13.0	41.0	2.0	8.0	0.0	1.5	0.0	3.0	5.0	0.5	0.0	18.0
14	14.5	1.0	27.0	14.0	0.0	0.0	0.0	0.0	1.0	19.0	2.5	8.0
15	0.0	0.0	0.5	14.5	9.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
16	3.5	20.0	0.0	17.5	3.0	19.0	0.0	0.0	12.0	3.0	6.0	0.0
17	3.0	0.0	0.0	0.0	56.0	0.0	0.0	0.0	0.0	0.0	17.0	17.0
18	0.5	1.0	0.0	0.0	0.0	9.5	12.5	0.0	0.0	9.0	42.0	1.0
19	5.5	0.0	0.0	0.0	2.5	6.0	0.0	4.5	53.0	16.0	0.0	7.5
20	0.0	38.0	0.0	0.0	0.0	2.5	3.0	0.0	4.5	0.0	30.0	0.0
21	4.5	2.0	33.0	0.0	0.0	0.0	2.0	0.0	0.0	1.0	9.5	1.0
22	0.0	14.0	0.0	0.0	0.0	0.0	13.0	0.0	5.5	0.0	0.0	25.5
23	3.5	49.0	1.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
24	43.0	2.0	1.5	0.0	10.0	6.5	0.0	1.5	0.0	0.0	0.0	2.5
25	13.0	1.0	0.0	7.5	0.0	11.5	0.0	4.5	0.0	0.0	0.0	7.0
26	24.0	0.0	6.0	0.0	0.0	0.0	0.0	12.5	1.5	0.0	0.0	0.0
27	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.5	0.0
28	9.5	0.0	65.0	51.0	9.0	4.0	0.0	0.0	0.0	0.0	5.0	0.0
29	0.5	-	0.0	7.5	0.0	0.0	0.0	0.0	0.0	0.5	2.5	1.0
30	5.0	-	0.0	0.0	18.0	0.0	0.0	0.0	27.0	0.0	0.0	3.0
31	2.0	-	0.0	-	0.5	-	0.0	0.0	-	0.0	-	0.0
Total	186.0	205.0	203.5	200.5	176.0	261.5	130.5	61.5	192.0	50.5	173.5	247.5
Hari Hujan	23	15	12	14	15	18	13	9	13	8	14	20
Rata-rata	6	7.32	6.56	6.68	5.67	8.71	4.21	1.98	6.4	1.63	5.78	7.98
Maksimum	43	49	65	51	56	142.5	29	27.5	61	19	49	113



Lampiran 4

Curah Hujan Maksimum Prediksi Tahun 2024-2028 Hasil Model Dinamis



Curah Hujan Maksimum (mm)					
Bulan	Tahun				
	2024	2025	2026	2027	2028
Jan	68.00	4.40	8.71	52.13	30.49
Feb	5.88	34.79	39.14	61.07	39.79
Mar	40.24	28.64	50.50	480.85	70.24
Apr	16.27	32.96	45.20	52.43	43.18
Mei	22.91	5.95	19.37	170.72	52.20
Jun	83.06	3.33	8.17	0.81	338.38
Jul	15.50	18.00	30.80	37.10	13.70
Agust	4.41	7.82	78.05	69.03	12.43
Sep	4.47	20.59	49.82	22.42	61.72
Okt	408.25	86.48	31.63	90.27	5.99
Nov	105.15	58.06	92.83	139.72	40.28
Des	50.24	37.02	18.63	202.35	214.84



Lampiran 5

Intensitas Curah Hujan Tahun 2024-2028



Intensitas Curah Hujan (mm/jam)					
Bulan	Tahun				
	2024	2025	2026	2027	2028
Jan	14,21	0,92	1,82	10,89	6,37
Feb	1,23	7,27	8,18	12,76	8,31
Mar	8,41	5,98	10,55	100,48	14,68
Apr	3,4	6,89	9,44	10,96	9,02
Mei	4,79	1,24	4,05	35,67	10,91
Jun	17,36	0,7	1,71	0,17	70,71
Jul	3,24	3,76	6,44	7,75	2,86
Agust	0,92	1,63	16,31	14,42	2,6
Sep	0,93	4,3	10,41	4,69	12,9
Okt	85,31	18,07	6,61	18,86	1,25
Nov	21,97	12,13	19,4	29,2	8,42
Des	10,5	7,74	3,89	42,28	11,32



Lampiran 6

Debit Air Limpasan Tahun 2024-2028



Debit Air Limpasan (m ³)					
Bulan	Tahun				
	2024	2025	2026	2027	2028
Jan	15,11	0,98	1,94	11,58	6,78
Feb	1,31	7,73	8,70	13,57	8,84
Mar	8,94	6,36	11,22	106,84	15,61
Apr	3,61	7,32	10,04	11,65	9,6
Mei	5,09	1,32	4,30	37,93	11,6
Jun	18,46	0,74	1,81	0,18	75,19
Jul	3,44	4,00	6,84	8,24	3,04
Agust	0,98	1,74	17,34	15,34	2,76
Sep	0,99	4,57	11,07	4,98	13,71
Okt	90,71	19,22	7,03	20,06	1,33
Nov	23,36	12,9	20,63	31,05	8,95
Des	11,16	8,23	4,14	44,96	47,74



Lampiran 7

Volume Air Limpasan Tahun 2024-2028



Volume Air Limpasan (m ³)					
Bulan	Tahun				
	2024	2025	2026	2027	2028
Jan	32,29	2,09	4,14	24,75	14,48
Feb	2,79	16,52	18,59	29,00	18,89
Mar	19,11	13,60	23,98	228,32	33,35
Apr	7,72	15,65	21,46	24,89	20,50
Mei	10,88	2,83	9,20	81,06	24,79
Jun	39,44	1,58	3,88	0,38	160,67
Jul	7,36	8,55	14,63	17,61	6,51
Agust	2,10	3,71	37,06	32,78	5,90
Sep	2,12	9,78	23,66	10,65	29,31
Okt	193,85	41,06	15,02	42,86	2,84
Nov	49,93	27,57	44,08	66,34	19,12
Des	23,86	17,58	8,85	96,08	102,01



Lampiran 8

Data Spesifikasi Pompa MF 420 EXHV





Informasi Umum

- 200 x 150 satu tahap sentrifugal
- Tipe – 8/6 FF-Hx *Slurry Pump*
- *Frame Size* - FF
- *Passage Size* – 50 mm

Konstruksi

- *Pump Casing* – *Ultrachrome 28% Cr (A49)*
- *Impeller* – *Ni-Cr-Mo Steel (A25)*
- *Shaft* – *CS 1045 Carbon Steel*



ve – Fully Hardened Type 420 C

- Caterpillar 3412 DITTA

Kemampuan

- Debit Maksimum - 273 litres per second
- *Head* Maksimum - 160 metres

Dimensi/Kapasitas/Berat

- Tinggi - 3378 mm
- Panjang - 7500 mm
- Lebar - 2400 mm
- Berat – Kering - 12260 kg
- Berat – Basah - 16260 kg
- Kapasitas Bahan Bakar - 4012 liter

