Annex G6.5.2(1) Flood Simulation Result (Buah Drainage System)

Cell No	2-Year			3-Year			5-Year			10-year			15-Year			Cell No
	Volume(m3)	Area(m2)	Ave. Depth(m)	Volume(m3)	Area(m2)	Ave. Depth(m)	Volume(m3)	Area(m2)	Ave. Depth(m)	Volume(m3)	Area(m2)	Ave. Depth(m)	Volume(m3)	Area(m2)	Ave. Depth(m)	
1	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	1
2	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	2
3	9,510	49,341	19.3	10,100	50,849	19.9	12,159	55,792	21.8	14,571	61,076	23.9	17,718	67,349	26.3	3
4	7,254	24,089	30.1	7,815	25,005	31.3	9,896	28,137	35.2	12,365	31,452	39.3	15,576	35,300	44.1	4
5	725	2,409	30.1	781	2,501	31.3	990	2,814	35.2	1,236	3,145	39.3	1,558	3,530	44.1	5
6	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	6
7	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	7
8	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	8
9	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	9
10	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	10
11	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	11
12	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	950	12,326	7.7	12
13	0	0	0.0	0	0	0.0	177	7,774	2.3	2,090	18,289	11.4	4,581	27,073	16.9	13
14	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	14
15	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	15
16	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	16
17	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	17
18	9,070	40,852	22.2	9,937	42,760	23.2	12,754	48,443	26.3	15,816	53,946	29.3	18,912	58,991	32.1	18
19	5,670	22,337	25.4	6,492	23,901	27.2	8,752	27,752	31.5	10,440	30,311	34.4	11,979	32,465	36.9	19
20	1,783	10,682	16.7	2,298	12,128	19.0	4,184	16,364	25.6	6,110	19,775	30.9	7,449	21,835	34.1	20
21	23,949	63,440	37.8	24,844	64,606	38.5	25,912	65,979	39.3	27,189	67,587	40.2	28,670	69,403	41.3	21
22	25,222	73,810	34.2	25,792	74,640	34.6	27,903	77,634	35.9	29,921	80,393	37.2	32,047	83,200	38.5	22
23	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	23
24	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	24
25	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	25
26	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	26
27	7,873	40,467	19.5	8,569	42,219	20.3	10,892	47,598	22.9	14,158	54,266	26.1	18,518	62,062	29.8	27
28	15,319	39,915	38.4	15,491	40,138	38.6	16,077	40,890	39.3	16,753	41,741	40.1	17,701	42,906	41.3	28
29	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	29
30	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	30
31	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	31

Annex G6.5.2(2) Flood Simulation Result (Bendung Drainage System)

Cell No	2-Year			3-Year			5-Year			10-year			15-Year			Cell No
	Volume(m3)	Area(m2)	Ave. Depth(m)	Volume(m3)	Area(m2)	Ave. Depth(m)	Volume(m3)	Area(m2)	Ave. Depth(m)	Volume(m3)	Area(m2)	Ave. Depth(m)	Volume(m3)	Area(m2)	Ave. Depth(m)	
1	4,282	29,265	14.6	5,362	32,749	16.4	9,802	44,276	22.1	15,663	55,970	28.0	23,234	68,168	34.1	1
2	2,557	18,092	14.1	3,185	20,193	15.8	5,765	27,166	21.2	9,011	33,963	26.5	13,655	41,807	32.7	2
3	0	0	0.0	0	0	0.0	37	1,178	3.1	388	3,050	12.7	1,332	5,654	23.6	3
4	0	0	0.0	0	0	0.0	190	4,756	4.0	3,468	18,246	19.0	8,620	28,768	30.0	4
5	21,835	82,538	26.5	23,825	86,216	27.6	30,893	98,177	31.5	37,816	108,621	34.8	45,207	118,763	38.1	5
6	9,488	72,891	13.0	10,495	76,665	13.7	14,128	88,947	15.9	18,573	101,985	18.2	24,501	117,134	20.9	6
7	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	3,495	19,786	17.7	7
8	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	8
9	47	5,318	0.0	62	5,347	1.2	1,316	12,139	10.8	5,134	23,980	21.4	9,943	33,370	29.8	9
10	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	10
11	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	11
12	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	12
13	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	13
14	0	0	0.0	0	0	0.0	0	0	0.0	1	0	0.0	0	0	0.0	14
15	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	15
16	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	16
17	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	17
18	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	18
19	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	19
20	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	20
21	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	21
22	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	22
23	26,340	66,522	39.6	26,340	66,522	39.6	26,340	66,522	39.6	26,341	66,523	39.6	26,372	66,562	39.6	23
24	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	24
25	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	25
26	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	26
27	3,783	9,528	39.7	3,783	9,528	39.7	3,783	9,528	39.7	3,783	9,528	39.7	3,787	9,534	39.7	27
28	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	28
29	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	29
30	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	30
31	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	31
32	5,052	12,715	39.7	5,052	12,715	39.7	5,052	12,715	39.7	5,052	12,715	39.7	5,058	12,723	39.8	32
33	25,005	55,576	45.0	25,005	55,576	45.0	25,005	55,576	45.0	25,005	55,576	45.0	25,005	55,576	45.0	33
34	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	34
35	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	35
36	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	36
37	3,823	22,802	16.8	3,823	22,802	16.8	3,823	22,802	16.8	3,823	22,802	16.8	3,823	22,802	16.8	37
38	18,301	60,499	30.2	18,301	60,499	30.2	18,301	60,499	30.2	18,301	60,499	30.2	18,301	60,499	30.2	38
39	24,864	53,097	46.8	24,864	53,097	46.8	24,864	53,097	46.8	24,864	53,097	46.8	24,864	53,097	46.8	39
40	28,502	32,000	89.1	28,502	32,000	89.1	28,502	32,000	89.1	28,502	32,000	89.1	28,502	32,000	89.1	40
41	4,062	12,744	31.9	4,062	12,744	31.9	4,062	12,744	31.9	4,062	12,744	31.9	4,062	12,744	31.9	41
42	4,406	24,478	18.0	4,406	24,478	18.0	4,406	24,478	18.0	4,406	24,478	18.0	4,406	24,478	18.0	42
43	18,469	40,315	45.8	18,469	40,315	45.8	18,469	40,315	45.8	18,469	40,315	45.8	18,469	40,315	45.8	43