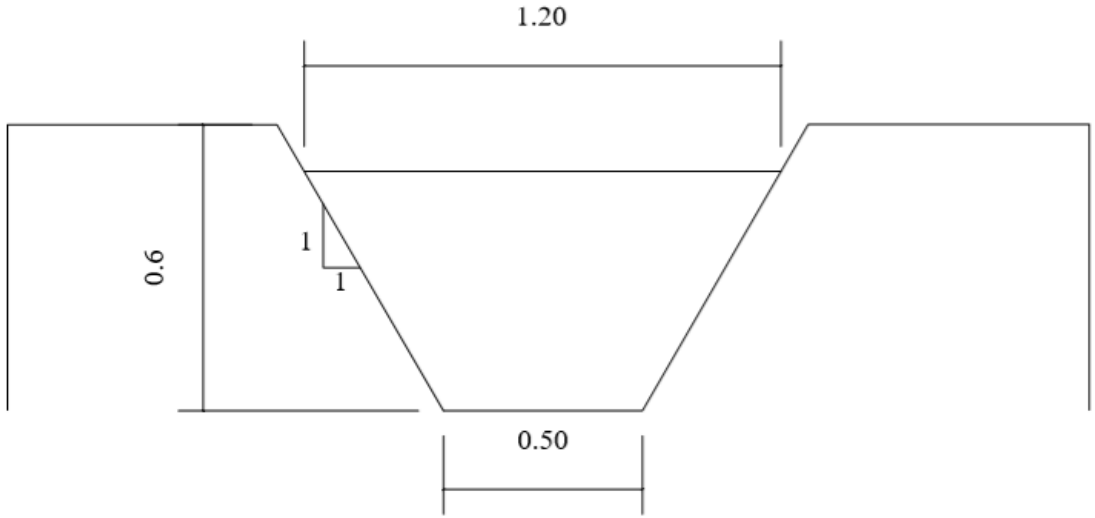
Data Tabel Curah Hujan Kota Bandung

(Sumber BPS Kota Bandung)

Data Curah Hujan Kota Bandung BPS Provinsi Jawa Barat (mm)													
Tahun/bulan	Januari	Februari	Maret	April	Mei	Juni	Juli	Agustus	September	Oktober	November	Desember	Rata-rata
2008	240.9	103.3	242.2	327.1	171.2	65.3	3.6	58.6	41.5	137	277.3	332.8	166.73
2009	208.5	200.5	365.7	165.6	183.8	101	24.2	0.5	24	234.5	318.2	271.1	174.80
2010	353.3	557.1	531	93	345	191.9	220.8	220.8	424.4	292.2	401.4	237.5	322.37
2011	63	76.7	89.4	381.5	193.4	117.6	77.2	3.1	102.8	103.6	321.4	259	149.06
2012	82.9	303.7	155.5	290.8	257.1	60.5	34.2	0	27	125	537	637	209.23
2013	216.9	250	305	286	171	231.5	159	74	172	234	164	418	223.45
2014	309	88.9	418.7	216.6	176.7	195.5	90.4	65.1	159.3	278.6	141.2	130.7	189.23
2015	180.5	115.4	223.2	325.3	213.4	90.5	126.4	150.2	182.6	260.3	270.2	79	184.74
2016	398.2	194.4	442.3	559.6	327.2	139.3	182.3	128.7	286.2	393.4	443	59.9	295.80
2017	65.3	199.3	389.3	220.2	222.3	106.4	39.1	48.4	90.8	345.3	442.2	129.9	191.54
2018	191	239	292	297.6	123.9	33.4	0.3	38.9	40.8	124.8	483.2	325.5	182.40

Detail Gambar Penampang Saluran

(Sumber Survey Lapangan)



Skala 1:1

Data Tabel Ketinggian Muka Air

(Sumber Penelitian Uji Model Hidrolik 2020)

No	Waktu	Ht	Y0	Y1	Y2	Y3	Y4	Y5	Y6	Y7	Y8	Y9	Y10	Y11	Y12	Y Total	Y Rata-rata
		(cm)	(cm)	(cm)	(cm)	(cm)	(cm)	(cm)	(cm)	(cm)	(cm)	(cm)	(cm)	(cm)	(cm)	(cm)	(cm)
1	08:00-08:55	0.2	3	2	2.4	3.6	3.5	3	2.5	2.6	3	3.2	2.2	2.1	2	35.1	2.7
2	09.10-10.05	5	5.5	6.5	6.6	5.5	4.4	4.6	4.5	5.6	5.4	4.5	4.4	3.9	3.7	65.1	5.007692
3	10:20-11:25	5.8	7.2	4.5	10	5.5	5.8	5.6	5.5	4.6	4	4	4	3.6	3.4	67.7	5.207692
4	11:40-12:35	4.5	6.5	8.2	7.5	4.5	3	4.6	4	4	3.6	3.4	3.7	2.4	3	58.4	4.492308
5	12:50-13:45	9	7.5	12	11.5	9.5	8	6.5	6.6	7	6.8	6	5.3	4.8	5	96.5	7.423077
6	14:00-14:55	8.2	8.7	13	10.5	7	9	6.2	7.4	5	5.3	4.8	4.9	5	4	90.8	6.984615
7	08:00-08:55	10.5	8	7.3	8	8	7.5	7	6.8	6.4	5.8	5.6	4.8	5	4.6	84.8	6.523077
8	09.10-10:05	12	7	6.2	8.4	6.7	4.8	7.2	7.5	6	7	5.6	5	5	4	80.4	6.184615
9	10:20-11:25	15.6	8	6.5	5	7	7	6	7	6	5	3.5	3.5	4	3.5	72	5.538462
10	11:40-12:35	15.2	7.5	6.5	4.5	5	4.5	5	5	4.5	4.5	4	5	4.5	3.5	64	4.923077

Data Tabel Kedalaman Gerusan (ds)

(Sumber Penilitian Uji Model Hidrolik 2020)

No	Waktu	Bukaan Pintu	ds0	ds1	ds2	ds3	ds4	ds5	ds6	ds7	ds8	ds9	ds10	ds11	ds12	ds Total	ds Rata-Rata
		(cm)	(cm)	(cm)	(cm)	(cm)	(cm)	(cm)	(cm)	(cm)	(cm)	(cm)	(cm)	(cm)	(cm)	(cm)	(cm)
1	14:35-15:10	2.3	-	-	-	-	-	-	-	-	-	-	-	-	-2	-2	-0.153846
2	15-20-15-50	4.8	-	-	-	-	-	-	-	-	-	-	-	-3	-	-3	-0.230769
3	16:30-17:00	8.2	-	-	-	-	-4	-2	-	-	-	-2	-2	-2.3	-	-12.3	-0.946154
4	11:20-11:50	9	-0.8	-2.5	-1.5	-	-	-	-1	-1.5	-1	-1.6	-1.8	-2	-0.5	-14.2	-1.092308
5	13:00-13:30	9.4	-3.3	-3	-1.5	-1.5	-1.2	-1.5	-1.7	-1.7	-2.1	-1.6	-1.4	-0.6	-	-21.1	-1.623077
6	13:40-14:10	9.7	-2.5	-2	-1	-1.8	-2	-1.5	-1.4	-2	2	1.5	-	-	-	-10.7	-0.823077
7	14:20-14:50	14	-1.5	-1	-1	-2	-1.5	-2.3	-2.7	-1.5	-2	-1.5	-1.5	-1	-1	-20.5	-1.576923
8	15:00-15:30	12.7	-1	-1.5	-1.8	-2	-2	-2.5	-2	-2	-1.9	-1.9	-1.9	-1.8	0	-22.3	-1.715385
9	16:00-16:30	15.6	-2	-0.5	-1.5	-2	-3	-2	-2	-1.5	-1.5	-1.8	-2	-1	-0.5	-21.3	-1.638462
10	16:40-17:10	15.2	-2.5	-1	-0.5	-1	-1	-1.5	-0.5	-0.5	-0.5	-1	-0.5	-0.5	0	-11	-0.846154

Data Tabel Bilangan Froude (Fr)

(Sumber Penelitian Uji Model Hidrolik 2020)

No	Froude Frn												
	Fr0	Fr1	Fr2	Fr3	Fr4	Fr5	Fr6	Fr7	Fr8	Fr9	Fr10	Fr11	Fr12
	cm	cm	cm	cm	cm	cm	cm	cm	cm	cm	cm	cm	cm
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	0.014	0.082	0.091	0.126	0.220	0.308	0.328	0.953	0.165	0.352	0.437	0.268	0.644
2	0.006	0.207	0.196	0.218	0.247	0.355	0.379	4.577	0.369	0.428	0.657	0.263	0.525
3	0.005	0.398	0.439	0.613	1.274	1.446	1.822	16.171	3.961	2.411	2.587	1.711	3.348
4	0.004	1.096	0.821	1.802	3.265	4.333	5.329	20.611	13.044	6.254	8.204	9.936	6.454
5	0.003	0.513	0.650	0.999	1.437	1.903	2.035	24.923	4.710	3.392	2.198	4.710	3.392
6	0.002	0.420	0.748	1.204	2.446	3.322	3.262	27.421	3.938	3.281	2.996	5.503	3.669
7	0.003	1.161	1.910	2.574	2.699	2.545	3.099	55.089	5.949	5.280	4.445	6.492	7.497
8	0.003	0.973	2.023	2.230	2.115	1.833	1.534	50.629	1.534	2.699	2.770	2.230	3.612
9	0.125	1.887	3.102	2.135	1.805	2.274	1.949	81.870	3.229	6.040	7.219	5.908	6.753
10	0.130	1.841	3.433	3.523	3.914	3.523	3.342	79.256	4.126	3.523	3.342	3.914	6.015
Max	0.130	1.887	3.433	3.523	3.914	4.333	5.329	81.870	13.044	6.254	8.204	9.936	7.497
Min	0.002	0.082	0.091	0.126	0.220	0.308	0.328	0.953	0.165	0.352	0.437	0.263	0.525

Data Tabel Pasir Tergerus Sebelah Kiri

(Sumber Penellitian Uji Model Hidrolik 2020)

c	Waktu	Bukaan Pintu	tp0	tp1	tp2	tp3	tp4	tp5	tp6	tp7	tp8	tp9	tp10	tp11	tp12	tp Total	tp Rata-rata
		(cm)	(cm)	(cm)	(cm)	(cm)	(cm)	(cm)	(cm)	(cm)	(cm)	(cm)	(cm)	(cm)	(cm)	(cm)	(cm)
1	14:35-15:10	2.3	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
2	15-20-15-50	4.8	-	-	-	-	-	-	-	-	-	-	8	7.5	14.5	30	2.307692
3	16:30-17:00	8.2	-	-	-	9.5	16.5	10	13	16	16.5	15	15	15	20	146.5	11.26923
4	11:20-11:50	9	7.7	-	6	11	20	10	20	20	20	20	20	20	20	194.7	14.97692
5	13:00-13:30	9.4	20	6	8.5	20	20	20	20	20	20	20	20	20	20	234.5	18.03846
6	13:40-14:10	9.7	20	20	20	20	20	20	20	20	20	20	20	20	20	260	20
7	14:20-14:50	14	20	20	20	20	20	20	20	20	20	20	20	20	20	260	20
8	15:00-15:30	12.7	20	20	20	20	20	20	20	20	20	20	20	20	20	260	20
9	16:00-16:30	15.6	x	x	x	x	20	20	20	20	20	20	20	20	20	180	13.84615
10	16:40-17:10	15.2	x	x	x	x	x	x	20	20	20	20	20	20	20	140	10.76923

keterangan (-) tidak tergerus
(+) tergerus

Data Tabel Pasir Tergerus Sebelah Kanan

(Sumber Penelitian Uji Model Hidrolik 2020)

No	Waktu	Bukaan Pintu	tp0	tp1	tp2	tp3	tp4	tp5	tp6	tp7	tp8	tp9	tp10	tp11	tp12	tp total	tp Rata-rata
		(cm)	(cm)	(cm)	(cm)	(cm)	(cm)	(cm)	(cm)	(cm)	(cm)	(cm)	(cm)	(cm)	(cm)	(cm)	(cm)
1	14:35-15:10	2.3	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
2	15-20-15-50	4.8	-	-	-	-	-	-	-	-	-	-	3	3	-	6	0.461538
3	16:30-17:00	8.2	-	-	-	-	4	12	5.5	8.3	12	9.5	5	3.6	-	59.9	4.607692
4	11:20-11:50	9	16	13	8	8.5	11	8.8	8	8.6	13	11	5	5.5	-	116.4	8.953846
5	13:00-13:30	9.4	20	20	20	20	20	20	20	20	20	20	14	13	-	227	17.46154
6	13:40-14:10	9.7	20	20	20	20	20	20	20	20	20	20	20	20	10	250	19.23077
7	14:20-14:50	14	20	20	20	20	20	20	20	20	20	20	20	20	11	251	19.30769
8	15:00-15:30	12.7	20	20	20	20	20	20	20	20	20	20	20	20	15	255	19.61538
9	16:00-16:30	15.6	20	20	20	20	20	20	20	20	20	20	20	20	20	260	20
10	16:40-17:10	15.2	20	20	20	20	20	20	20	20	20	20	20	20	20	260	20

keterangan (-) tidak tergerus
(+) tergerus

Data Lebar Pasir Tergerus Bagian Kiri

(Sumber Penelitian Uji Model Hidrolik 2020)

No	Waktu	Bukaan Pintu	Lb0	Lb1	Lb2	Lb3	Lb4	Lb5	Lb6	Lb7	Lb8	Lb9	Lb10	Lb11	Lb12	Lb total	Lb Rata-rata
		(cm)	(cm)	(cm)	(cm)	(cm)	(cm)	(cm)	(cm)	(cm)	(cm)	(cm)	(cm)	(cm)	(cm)	(cm)	(cm)
1	14:35-15:10	2.3														0	0
2	15-20-15-50	4.8														0	0
3	16:30-17:00	8.2														0	0
4	11:20-11:50	9	19	10	10	16	21.8	15.7	16.5	18.5	18	19	17.5	15.6	12	209.6	16.12308
5	13:00-13:30	9.4	19	10	13.8	19	23.5	26	23	21	22	22	22	20.5	20	261.8	20.13846
6	13:40-14:10	9.7	22.5	22	22.2	23.1	22.7	28.5	27	31	27	26	26	21.5	20	319.5	24.57692
7	14:20-14:50	14	30	30.1	29.5	26.5	27.5	28.1	27.2	30.5	28.2	29.2	30	24	24.5	365.3	28.1
8	15:00-15:30	12.7	40	35	34	32	29	28	28.5	30.5	28.5	29.5	30	26	25.5	396.5	30.5
9	16:00-16:30	15.6	40	40	40	35	35	35	29.5	34	29.5	29.5	34.5	31	27	410.5	31.57692
10	16:40-17:10	15.2	40	40	40	40	40	40	32	35	30	31	35	31	29	463	35.61538

Data Tabel Lear Pasir Tergerus Bagian Kanan

(Sumber Penelitian Uji Model Hidrolik 2020)

No	Waktu	Bukaan Pintu	Lb0	Lb1	Lb2	Lb3	Lb4	Lb5	Lb6	Lb7	Lb8	Lb9	Lb10	Lb11	Lb12	Lb total	Lb Rata-rata
		(cm)	(cm)	(cm)	(cm)	(cm)	(cm)	(cm)	(cm)	(cm)	(cm)	(cm)	(cm)	(cm)	(cm)	(cm)	(cm)
1	14:35-15:10	2.3														0	0
2	15-20-15-50	4.8														0	0
3	16:30-17:00	8.2														0	0
4	11:20-11:50	9	16	15.5	18	8	11	11	8	10.5	11.7	11	4.6	4.5	0	129.8	9.98462
5	13:00-13:30	9.4	16.3	17	18	13	13.5	13	13	14	15	13.5	12.5	11.5	0	170.3	13.1
6	13:40-14:10	9.7	16.5	17	18	17.2	17.7	17.7	19	16.5	15.5	15.5	17	15.5	8	211.1	16.2385
7	14:20-14:50	14	18	18.5	18	20	22	21.5	21.7	22	21	15.4	18	15.5	12.4	244	18.7692
8	15:00-15:30	12.7	20	21	19	20	22.5	25	24.5	23.5	21.5	19.5	18	16	13	263.5	20.2692
9	16:00-16:30	15.6	20.5	21.5	21	21.5	24	27	27	27	26	21.5	19	19	19	294	22.6154
10	16:40-17:10	15.2	28	24	23	21.5	25	29	29.5	31	30	30	29	23	24.5	347.5	26.7308

Data Tabel Perhitugan Energi Kinetik

(Sumber Penelitian Uji Model Hidrolik 2020)

No	Energi Kinetik $EK=\frac{V^2}{2.g}$												
	EK0	EK1	EK2	EK3	EK4	EK5	EK6	EK7	EK8	EK9	EK10	EK11	EK12
	cm	cm	cm	cm	cm	cm	cm	cm	cm	cm	cm	cm	cm
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	0.000	0,041	0,044	0,057	0,094	0,145	0,164	0,615	0,074	0,142	0,218	0,158	0,228
2	0.000	0,094	0,103	0,103	0,129	0,166	0,190	2,256	0,190	0,202	0,290	0,186	0,186
3	0.000	0,189	0,216	0,281	0,506	0,723	0,844	7,381	1,771	1,476	1,181	1,012	1,265
4	0.000	0,430	0,490	0,654	1,490	2,032	2,540	9,501	5,479	4,234	3,387	4,968	3,726
5	0.000	0,244	0,305	0,442	0,663	0,890	1,017	12,462	1,780	2,077	1,187	1,780	2,077
6	0.000	0,199	0,314	0,545	0,999	1,605	1,660	13,954	1,797	1,797	1,498	2,247	2,247
7	0.000	0,562	0,818	1,227	1,349	1,297	1,442	22,490	3,213	2,677	2,343	2,811	3,748
8	0.000	0,504	0,783	1,175	1,058	0,691	0,801	24,237	0,801	1,102	1,469	1,175	1,511
9	0.006	0,850	1,360	1,263	0,902	1,053	1,053	37,899	1.474	2,527	3,609	3,158	3,158
10	0.006	0,857	1,428	1,857	1,857	1,857	1,857	37,599	2,063	1,857	1,671	1,857	2,652
Max	0.006	0.000	1428.000	1857.000	1857.000	2032.000	2540.000	37899.000	5479.000	4234.000	3609.000	4968.000	3748.000
Min	0.000	0.000	1360.000	1175.000	1058.000	1053.000	1017.000	2256.000	1.474	1102.000	1181.000	1012.000	1265.000

Data Tabel Perhitungan Energi Potensial

(Sumber Penelitian Uji Model Hidrolik 2020)

No	Energi Potensial (EP = Y.g.Y0)												
	Ep0	Ep1	Ep2	Ep3	Ep4	Ep5	Ep6	Ep7	Ep8	Ep9	Ep10	Ep11	Ep12
	cm	cm	cm	cm	cm	cm	cm	cm	cm	cm	cm	cm	cm
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	2,943.000	9,000	8,400	6,440	3,910	2,550	2,250	3,750	5,000	2,600	1,690	2,340	1,620
2	5,395,500	24,750	22,500	22,500	18,000	14,000	12,250	11,900	12,240	11,420	8,000	12,500	12,500
3	7,063,200	46,800	40,800	40,950	17,500	12,250	10,500	7,500	5,000	6,000	7,500	8,750	7,000
4	6,376,500	26,000	22,800	17,100	7,500	5,500	4,400	3,400	2,040	640	3,300	2,250	3,000
5	7,357,500	51,000	40,800	28,200	18,800	14,000	12,250	12,250	7,000	6,000	10,500	7,000	6,000
6	8,534,700	67,860	42,900	24,750	13,500	8,400	8,120	8,700	7,500	7,500	9,000	6,000	6,000
7	7,848,000	60,000	41,,250	27,500	25,000	26,000	23,400	13,400	10,500	12,600	14,400	12,000	9,000
8	6,687,000	52,500	33,750	22,500	25,000	27,500	33,000	33,000	33,000	24,000	18,000	22,500	17,500
9	7,848,000	52,000	32,500	35,000	49,000	42,000	42,000	42,000	30,000	17,500	12,250	14,000	14,000
10	7,357,500	48,750	29,250	22,500	22,500	22,500	25,000	22,500	20,250	22,500	25,000	25,500	15,750
Max	8,534,700	67,860	42,900	40,950	49,000	42,000	42,000	42,000	33,000	24,000	25,000	25,500	17,500
Min	2,943.000	9,000	8,400	6,440	3,910	2,550	2,250	3,400	2,040	640	1,690	2,250	1,620

Data Tabel Perhitungan Energi Spesifik

(Sumber Penelitian Uji Model Hidrolik 2020)

Energi Spesifik $ES = \sqrt{(EK)^2 + (EP)^2}$												
ES0	ES1	ES2	ES3	ES4	ES5	ES6	ES7	ES8	ES9	ES10	ES11	ES12
cm/det	cm/det	cm/det	cm/det	cm/det	cm/det	cm/det	cm/det	cm/det	cm/det	cm/det	cm/det	cm/det
2	3	4	5	6	7	8	9	10	11	12	13	14
8,661,249,00	81041	70,604	41,531	15,382	6,647	5,222	14,678	25,074	6,902	3.074	5,633	2,852
29,111,420,25	612,656	506,353	506,353	324,129	196,166	150,252	143,866	150,007	132,912	64,290	156,436	156,436
49,888,794,24	2,190,429	1,677,119	992,531	306,756	150,786	111,094	63,631	26,771	37,467	57,431	77,575	50,265
40,659,752,25	676,430	520,330	293,064	57,740	32,282	21,900	21,061	9,641	11,204	14,277	10,031	12,726
54,132,806,25	2,601,244	1,664,945	795,682	354,103	196,890	151,080	162,524	50,780	38,077	111,437	50,780	38,077
72,841,104,00	4,605,178	1,840,724	613,107	183,249	72,165	67,594	89,635	58,047	58,047	82,498	38,247	38,247
61,591,14,00	3,600,562	1,702,380	757,477	626,349	677,297	549,002	204,740	113,463	161,437	209,703	146,811	84,748
47,155,689,00	2,756,754	1,139,846	507,425	626,058	757,211	1,089,801	1,113,237	1,089,801	577,102	325,469	507,425	307,761
61,591,104,01	2,704,850	1,057,610	1,226,263	2,401,902	1,765,053	1,765,053	1,801,899	901,474	308,777	153,672	199,158	199,158
54,132,809,26	2,377,419	856,991	508,107	508,107	508,107	626,671	543,849	412,126	508,107	626,671	508,107	250,715
0.000	4605178	1,840,724	1,226,263	2,401,902	1,765,053	1,765,053	1,801,899	1,089,801	577,102	626671	508,107	307,761
0.000	81041	70,604	41,531	15,382	6,647	5,222	14,678	9,641	6,902	3.074	5,633	2,852

Data Tabel Perhitungan Kehilangan Energi

(Sumber Penelitian Uji Model Hidrolik 2020)

No	ΔE = EK0 - EK1												
	ΔE0	ΔE1	ΔE2	ΔE3	ΔE4	ΔE5	ΔE6	ΔE7	ΔE8	ΔE9	ΔE10	ΔE11	ΔE12
	cm	cm	cm	cm	cm	cm	cm	cm	cm	cm	cm	cm	cm
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	-0.041	-0.003	-0.013	-0.037	-0.050	-0.019	-0.451	-0.541	-0.068	-0.076	-0.061	-0.070	0.000
2	-0.094	-0.009	0.000	-0.026	-0.037	-0.025	-2.066	2.066	-0.012	-0.089	-0.104	0.000	0.000
3	-0.189	-0.027	-0.065	-0.225	-0.217	-0.121	-6.537	5.610	0.295	0.295	0.169	-0.253	0.000
4	-0.430	-0.060	-0.163	-0.837	-0.542	-0.508	-6.961	4.022	1.245	0.847	-1.581	1.242	0.000
5	-0.244	-0.061	-0.136	-0.221	-0.227	-0.127	-11.444	10.681	-0.297	0.890	-0.593	-0.297	0.000
6	-0.199	-0.611	-0.230	-0.454	-0.606	-0.055	-12.285	12.147	0.000	0.300	-0.749	0.000	0.000
7	-0.562	-0.256	-0.409	-0.123	0.052	-0.144	-21.048	19.277	0.535	0.335	-0.469	-0.937	0.000
8	-0.504	-0.280	-0.392	0.118	0.096	0.160	-23.436	23.436	-0.300	-0.367	0.294	-0.336	0.000
9	-0.845	-0.510	-0.097	0.361	-0.150	0.000	-36.846	36.425	-1.053	-1.083	0.451	0.000	0.000
10	-0.851	-0.571	-0.428	0.000	0.000	0.186	-35.928	35.536	0.206	0.186	-1.860	-0.796	0.000
Max	-0.041	-0.003	0.000	0.361	0.096	0.186	-0.451	36.425	1.245	0.890	0.451	1.242	0.000
Min	-0.851	-0.611	-0.428	-0.837	-0.606	-0.508	-36.846	-0.541	-1.053	-1.083	-1.860	-0.937	0.000

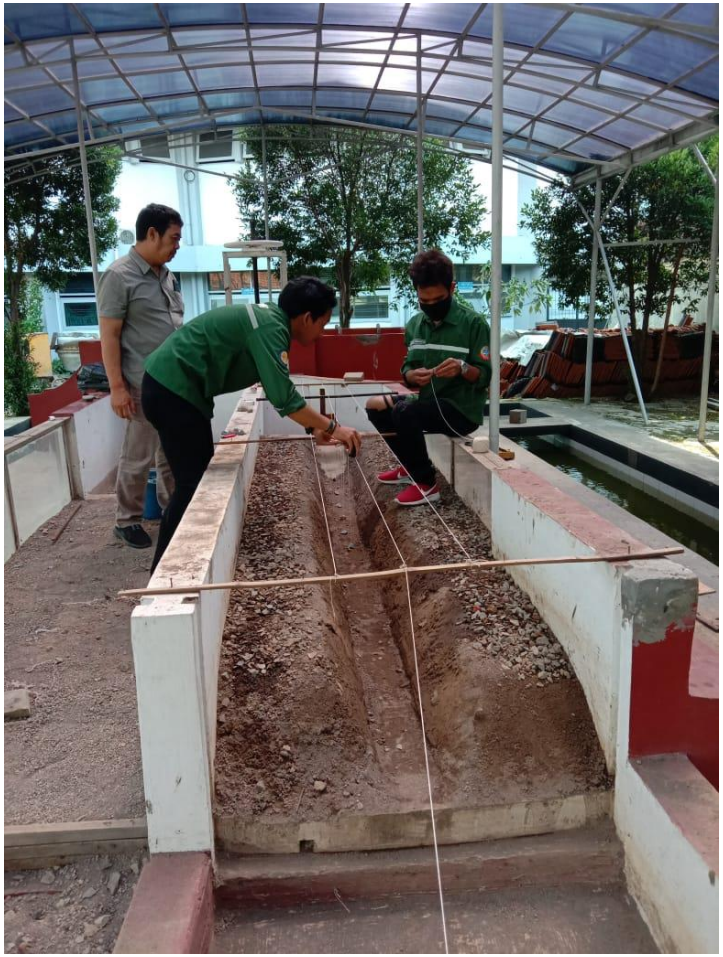
Data Tabel Perhitungan Tekanan

(Sumber Penelitian Uji Model Hidrolik 2020)

No	$P = \frac{1}{2} y Y$												
	P0	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	1.500	1.500	1.400	1.150	0.850	0.750	0.075	1.250	1.000	0.650	0.650	0.900	0.450
2	2.750	2.250	2.500	2.250	2.000	1.750	1.750	1.700	1.800	1.600	1.250	2.500	1.250
3	3.600	3.250	3.150	2.500	1.750	1.750	1.500	1.250	1.000	1.500	1.250	1.750	1.000
4	3.250	2.000	2.850	1.500	1.250	1.100	1.000	0.850	0.600	1.100	0.750	0.750	1.000
5	3.750	3.400	3.000	2.350	2.000	1.750	1.750	1.750	1.000	1.500	1.750	1.000	1.500
6	4.350	3.900	2.750	2.250	1.500	1.400	1.450	1.500	1.250	1.500	1.500	1.000	1.500
7	4.000	3.750	2.750	2.500	2.500	2.600	2.250	1.500	1.750	1.800	2.000	1.500	1.500
8	3.500	3.750	2.250	2.500	2.500	2.750	3.000	2.750	3.000	2.000	2.250	2.500	1.750
9	4.000	3.250	2.500	3.500	3.500	3.000	3.500	3.000	2.500	1.750	1.750	2.000	1.750
10	3.750	3.250	2.250	2.500	2.250	2.500	2.500	2.250	2.250	2.500	2.500	2.250	1.750
Max	4.350	3.900	3.150	3.500	3.500	3.000	3.500	3.000	3.000	2.500	2.500	2.500	1.750
Min	1.500	1.500	1.400	1.150	0.850	0.750	0.075	0.850	0.600	0.650	0.650	0.750	0.450

Data Perhitungan Total Keseluruhan

(Sumber Penelitian Uji Model Hidrolik 2020)

No	b	B	Ht	Q	g	b	y	A =b .y	$V = \frac{Q}{A}$	$q = \frac{Q}{b}$	$Ek = \frac{v^2}{2.g}$	Ep = y.g.Y	ΔE = EK1 - EK2	$Fr = \frac{V}{\sqrt{2.g}}$
	(cm)	(cm)	(cm)	cm/det	cm/det	(cm)		(cm^2)	cm/det^2	(cm^3/det)				
1	2	3	4	5	6	7								
1	50	120	0.2	0.02	981.00	16.00	1.96	31.36	0.01	0.00	0.00	19.23	-19.94	0.00
2	50	120	5	77.14	981.00	20.00	3.9	78.00	19.78	3.86	19.94	38.26	-22.38	3.20
3	50	120	5.8	111.80	981.00	40.74	3.88	158.07	28.81	2.74	42.32	38.06	18.81	4.67
4	50	120	4.5	59.28	981.00	51.50	2.76	142.14	21.48	1.15	23.51	27.08	-322.49	4.13
5	50	120	9	335.34	981.00	61.25	4.07	249.29	82.39	5.47	346.01	39.93	117.68	13.04
6	50	120	8.2	265.71	981.00	68.75	3.97	272.94	66.93	3.86	228.32	38.95	-339.71	10.72
7	50	120	10.5	493.01	981.00	78.00	4.67	364.26	105.57	6.32	568.03	45.81	-291.80	15.60
8	50	120	12	688.39	981.00	81.00	5.3	429.30	129.88	8.50	859.83	51.99	-2072.63	18.01
9	50	120	15.6	1326.45	981.00	87.50	5.53	483.88	239.86	15.16	2932.46	54.25	-321.01	32.57
10	50	120	15.2	1243.05	981.00	90.00	4.92	442.80	252.65	13.81	3253.47	48.27	3253.47	36.37
MAXIMUM														
MINUMUM														

Dokumentasi