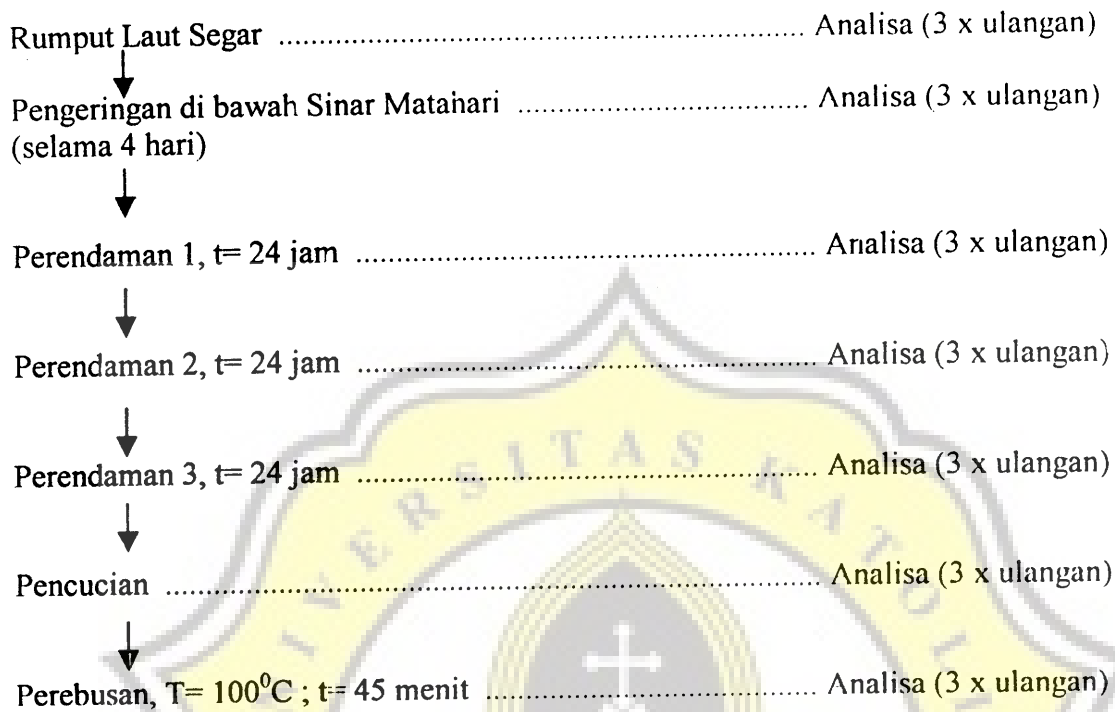
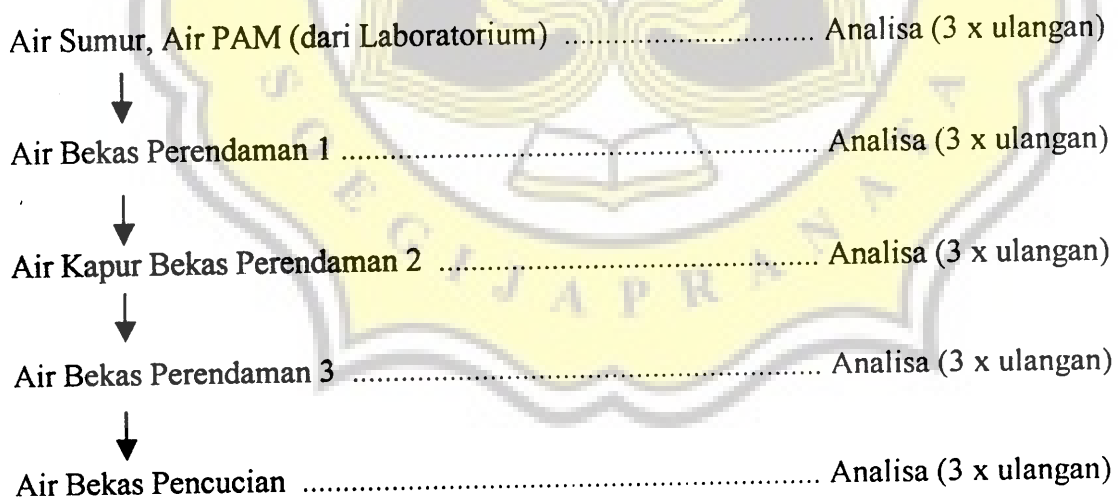


Lampiran 1. Diagram Analisa Rumput Laut dan Air.

a. Analisa Rumput Laut



b. Analisa Air



Keterangan :

Pada perendaman 2 menggunakan air kapur.
Air selalu diganti setiap kali perendaman.

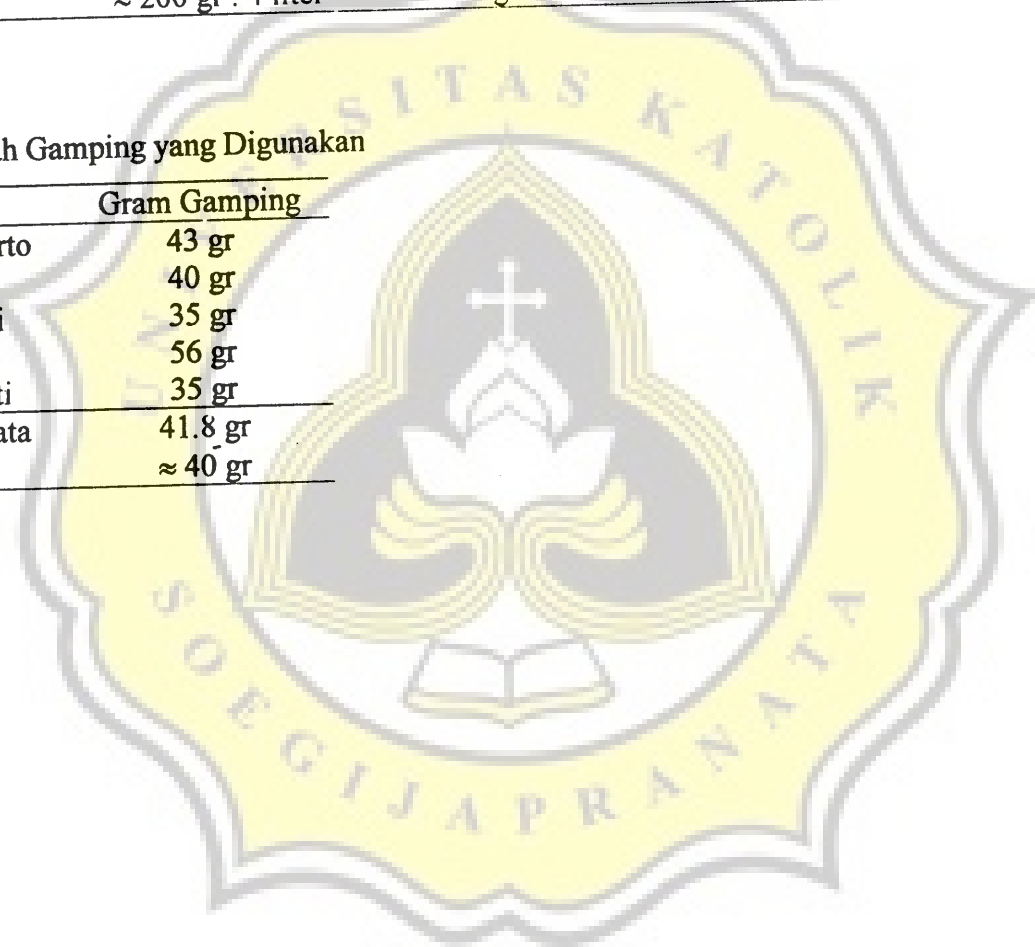
Lampiran 2. Hasil Survey Pada Masyarakat Teluk Awur Jepara

a. Perbandingan Rumput Laut dengan Air.

Nama	Perendaman	Pencucian	Perebusan
Soegiarto	200 gr : 4,25 liter	2,25 kg : 5 liter	2,25 kg : 3 liter
Darti	220 gr : 4 liter	2 kg : 5 liter	2 kg : 2,5 liter
Massiti	125 gr : 3,25 liter	1,5 kg : 4 liter	1,5 kg : 2 liter
Ana	275 gr : 6 liter	3 kg : 6 liter	3 kg : 4,5 liter
Sumiati	200 gr : 3,5 liter	2 kg : 4,5 liter	2 kg : 2,5 liter
Rata-rata	204 gr : 4,2 liter ≈ 200 gr : 4 liter	2,15 kg : 3,9 liter ≈ 2 kg : 4 liter	2,15 kg : 2,9 liter ≈ 2 kg : 3 liter

b. Jumlah Gamping yang Digunakan

Nama	Gram Gamping
Soegiarto	43 gr
Darti	40 gr
Massiti	35 gr
Ana	56 gr
Sumiati	35 gr
Rata-rata	41.8 gr ≈ 40 gr



Lampiran 3. Data Kandungan Logam Cd ($\mu\text{g/g}$) dalam Rumput Laut *Fucliuma cottonii* dari Lokasi 1 dan Lokasi 2.

Sampel	Vol. Smpl (ml)	Cd (pp.m)	Pengenceran	Berat Sampel			Kandungan Logam ($\mu\text{g/g}$)		
				Basah	Kering	Abu	Basah	Kering	Abu
A1 S1 N1	25	0.44	0	90	7.722	5.239	0.122	1.425	2.100
A1 S1 N2	25	0.38	0	90	7.216	5.106	0.106	1.317	1.861
A1 S1 N3	25	0.32	0	90.01	7.865	3.733	0.089	1.017	2.143
Average							0.106	1.253	2.034
Std							0.017	0.211	0.152

A1 K1 N1	25	0.57	0	20	14.385	8.247	0.713	0.991	1.728
A1 K1 N2	25	0.65	0	20.01	14.036	8.181	0.812	1.158	1.986
A1 K1 N3	25	0.77	0	20.02	14.879	9.205	0.962	1.294	2.091
Average							0.829	1.147	1.935
Std							0.125	0.17	0.187

A1 R1 N1	25	0.2	0	90	19.333	4.453	0.056	0.259	1.123
A1 R1 N2	25	0.26	0	90	23.812	4.521	0.072	0.273	1.438
A1 R1 N3	25	0.22	0	90	25.872	4.105	0.061	0.213	1.340
Average							0.063	0.248	1.300
Std							0.008	0.031	0.161

A2 S2 N1	25	0.32	0	89.9	7.899	4.718	0.089	1.013	1.696
A2 S2 N2	25	0.33	0	90	7.825	5.591	0.092	1.054	1.476
A2 S2 N3	25	0.28	0	89.93	7.674	5.037	0.078	0.912	1.390
Average							0.086	0.993	1.520
Std							0.007	0.097	0.158

A2 K2 N1	25	0.64	0	20.01	16.321	9.414	0.800	0.980	1.700
A2 K2 N2	25	0.63	0	20	16.294	9.551	0.788	0.967	1.649
A2 K2 N3	25	0.53	0	20	16.458	9.437	0.663	0.805	1.404
Average							0.750	0.917	1.584
Std							0.076	0.097	0.158

A2 R1 N1	25	0.23	0	90	18.656	4.23	0.064	0.308	1.359
A2 R1 N2	25	0.18	0	90	17.147	4.091	0.050	0.262	1.100
A2 R1 N3	25	0.15	0	90.01	14.195	4.108	0.042	0.264	0.913
Average							0.052	0.278	1.124
Std							0.011	0.026	0.224

Kandungan logam ($\mu\text{g/g}$) = $\frac{\text{vol. Sample larutan} \times \text{pengenceran} \times \text{hasil pengukuran logam}}{\text{Berat sample (abu/kg/bsh) dalam gram}}$

Lampiran 4. Data Kandungan Logam Zn ($\mu\text{g/g}$) dalam Rumput Laut *Eucheuma cottonii* dari lokasi 1.

Sampel	Vol. Smp (ml)	Zn (ppm)	Pengenceran	Berat Sampel			Kandungan Logam		
				Basah	Kering	Abu	Basah	Kering	Abu
A1 S1 N1	25	0.5	6	90	7.722	5.239	0.833	9.713	14.316
A1 S1 N2	25	0.6	6	90	7.216	5.106	1.000	12.472	17.626
A1 S1 N3	25	0.5	6	90.01	7.865	3.733	0.833	9.536	20.091
Average							0.889	10.574	17.344
Std							0.096	1.646	2.898

A1 K1 N1	25	1.3	6	20	14.385	8.247	9.750	13.556	23.645
A1 K1 N2	25	1.2	6	20.01	14.036	8.181	8.996	12.824	22.002
A1 K1 N3	25	1.2	6	20.02	14.879	9.205	8.991	12.098	19.555
Average							9.246	12.826	21.734
Std							0.437	0.729	2.058

A1 R1 N1	25	1.3	6	90	19.333	4.453	2.167	10.086	43.791
A1 R1 N2	25	1.7	6	90	23.812	4.521	2.833	10.709	56.403
A1 R1 N3	25	1.6	6	90	25.872	4.105	2.667	9.276	58.465
Average							2.556	10.024	52.886
Std							0.347	0.718	7.944

A1 R2 N1	25	1.1	6	90.01	15.505	2.505	1.833	10.642	65.868
A1 R2 N2	25	1.2	6	90	13.81	2.584	2.000	13.034	69.659
A1 R2 N3	25	1.2	6	90.02	11.556	2.501	2.000	15.576	71.971
Average							1.944	13.084	69.166
Std							0.096	2.467	3.081

A1 R3 N1	25	1	6	90	8.205	1.802	1.667	18.282	83.241
A1 R3 N2	25	1.2	6	90.01	9.45	1.802	2.000	19.048	99.889
A1 R3 N3	25	1	6	90	9.685	1.807	1.667	15.488	83.011
Average							1.778	17.606	88.713
Std							0.192	1.874	9.679

A1 C1 N1	25	0.7	6	90	9.297	1.631	1.167	11.294	64.378
A1 C1 N2	25	0.5	6	90	8.189	1.665	0.833	9.159	45.045
A1 C1 N3	25	0.5	6	90	8.204	1.655	0.833	9.142	45.317
Average							0.944	9.865	51.580
Std							0.192	1.237	11.084

A1 G1 N1	25	0.5	6	90.07	10.114	0.81	0.833	7.415	92.593
A1 G1 N2	25	0.5	6	90.14	11.937	0.833	0.832	6.283	90.036
A1 G1 N3	25	0.3	6	90.02	5.235	0.838	0.500	8.596	53.699
Average							0.722	7.431	78.776
Std							0.191	1.156	21.754

Kandungan logam ($\mu\text{g/g}$) = $\frac{\text{vol. Sample larutan} \times \text{pengenceran} \times \text{hasil pengukuran logam}}{\text{Berat sample (abu/kg/bsh) dalam gram}}$

Lampiran 5. Data Kandungan Logam Zn ($\mu\text{g/g}$) dalam Rumput Laut *Eucheuma cottonii* dari lokasi 2.

Sampel	Vol. Smpl (ml)	Zn (ppm)	Pengenceran	Berat Sampel			Kandungan Logam		
				Basah	Kering	Abu	Basah	Kering	Abu
A2 S2 N1	25	0.5	6	89.9	7.899	4.718	0.334	9.495	15.897
A2 S2 N2	25	0.5	6	90	7.825	5.591	0.833	9.585	13.414
A2 S2 N3	25	0.5	6	89.93	7.674	5.037	0.834	9.773	14.890
Average							0.834	9.618	14.734
Std							0.000	0.142	1.248

A2 K2 N1	25	1.4	6	20.01	16.321	9.414	10.495	12.867	22.307
A2 K2 N2	25	1.2	6	20	16.294	9.551	9.000	11.047	18.846
A2 K2 N3	25	1.4	6	20	16.458	9.437	10.500	12.760	22.253
Average							9.998	12.225	21.135
Std							0.865	1.023	1.983

A2 R1 N1	25	1.6	6	90	18.656	4.23	2.667	12.864	56.738
A2 R1 N2	25	1.3	6	90	17.147	4.091	2.167	11.372	47.666
A2 R1 N3	25	1	6	90.01	14.195	4.108	1.666	10.567	36.514
Average							2.167	11.601	46.972
Std							0.5	1.166	10.13

A2 R2 N1	25	1.5	6	90	14.605	2.62	2.500	15.406	85.878
A2 R2 N2	25	1	6	90	11.725	2.018	1.667	12.793	74.331
A2 R2 N3	25	1.2	6	90	12.436	2.63	2.000	14.474	68.441
Average							2.056	14.224	76.217
Std							0.419	1.324	8.870

A2 R3 N1	25	1.2	6	90	10.061	1.952	2.000	17.891	92.213
A2 R3 N2	25	1.1	6	90	10.954	1.97	1.833	15.063	83.756
A2 R3 N3	25	1	6	90	8.317	1.842	1.667	18.035	81.433
Average							1.833	16.996	85.801
Std							0.167	2.401	5.673

A2 C2 N1	25	0.6	6	90.01	9.835	1.678	1.000	9.151	53.635
A2 C2 N2	25	0.7	6	90	10.411	1.769	1.167	10.085	59.356
A2 C2 N3	25	0.7	6	90	10.753	1.739	1.167	9.765	60.380
Average							1.111	9.667	57.790
Std							0.475	0.475	3.634

A2 G2 N1	25	0.3	6	90.02	5.029	0.774	0.500	8.948	58.140
A2 G2 N2	25	0.3	6	90.06	8.658	0.691	0.500	5.198	65.123
A2 G2 N3	25	0.3	6	90.05	6.266	0.722	0.500	7.182	62.327
Average							0.500	7.109	61.863
Std							0.001	1.876	3.515

Kandungan logam ($\mu\text{g/g}$) = $\frac{\text{vol. Sample larutan} \times \text{pengenceran} \times \text{hasil pengukuran logam}}{\text{Berat sample (abu/krq/bsh) dalam gram}}$

Lampiran 6. Data Kandungan Logam Fe ($\mu\text{g/g}$) dalam Rumput Laut *Eucheuma cottonii* dari lokasi 1.

Sampel	Vol. Smpl (ml)	Fe (ppm)	Pengenceran	Berat Sampel			Kandungan Logam ($\mu\text{g/g}$)			
				Basah	Kering	Abu	Basah	Kering	Abu	
A1 S1 N1	25	5.2	6	90	7.722	5.239	8.667	101.010	148.883	
A1 S1 N2	25	5.6	6	90	7.216	5.106	9.333	116.408	164.512	
A1 S1 N3	25	5.5	6	90.01	7.865	3.733	9.166	104.895	221.002	
							Average	9.055	107.438	178.133
							Std	0.347	8.007	37.939
A1 K1 N1	25	11.8	6	20	14.385	8.247	88.500	123.045	214.623	
A1 K1 N2	25	12.1	6	20.01	14.036	8.181	90.705	129.310	221.856	
A1 K1 N3	25	11.8	6	20.02	14.879	9.205	88.412	118.960	192.287	
							Average	89.205	123.772	209.589
							Std	1.299	5.249	15.414
A1 R1 N1	25	13	6	90	19.333	4.453	21.667	100.864	437.907	
A1 R1 N2	25	13.8	6	90	23.812	4.521	23.000	86.931	457.863	
A1 R1 N3	25	13.8	6	90	25.872	4.105	23.000	80.009	504.263	
							Average	22.556	89.268	466.678
							Std	0.77	10.662	34.045
A1 R2 N1	25	11.8	6	90.01	15.505	2.505	19.664	114.157	706.587	
A1 R2 N2	25	11.1	6	90	13.81	2.584	18.500	120.565	644.350	
A1 R2 N3	25	10	6	90.02	11.556	2.501	16.663	129.803	599.760	
							Average	18.276	121.508	650.232
							Std	1.513	7.865	53.656
A1 R3 N1	25	9	6	90	8.205	1.802	15.000	164.534	749.168	
A1 R3 N2	25	9.5	6	90.01	9.45	1.802	15.832	150.794	790.788	
A1 R3 N3	25	10.2	6	90	9.685	1.807	17.000	157.976	846.707	
							Average	15.944	157.768	795.554
							Std	1.005	6.872	48.944
A1 C1 N1	25	7.9	6	90	9.297	1.631	13.167	127.460	726.548	
A1 C1 N2	25	6.7	6	90	8.189	1.665	11.167	122.726	603.604	
A1 C1 N3	25	7.4	6	90	8.204	1.655	12.333	135.300	670.695	
							Average	12.222	128.495	666.949
							Std	1.005	6.351	61.558
A1 G1 N1	25	6.5	6	90.07	10.114	0.81	10.825	96.401	1203.704	
A1 G1 N2	25	6.9	6	90.14	11.937	0.833	11.482	86.705	1242.497	
A1 G1 N3	25	4	6	90.02	5.235	0.838	6.665	114.613	715.990	
							Average	9.657	99.240	1054.064
							Std	2.612	14.469	293.422

Kandungan logam ($\mu\text{g/g}$) = $\frac{\text{vol. Sample larutan} \times \text{pengenceran} \times \text{hasil pengukuran logam}}{\text{Berat sample (abu/kg/bsh) dalam gram}}$

Berat sample (abu/kg/bsh) dalam gram

Lampiran 7. Data Kandungan Logam Fe ($\mu\text{g/g}$) dalam Rumput Laut *Eucheuma cottonii* dari lokasi 2.

Sampel	Vol. Smpl (ml)	Fe (ppm)	Pengenceran	Berat Sampel			Kandungan Logam ($\mu\text{g/g}$)			
				Basah	Kering	Abu	Basah	Kering	Abu	
A2 S2 N1	25	5.7	6	89.9	7.899	4.718	9.511	108.242	181.221	
A2 S2 N2	25	5.6	6	90	7.825	5.591	9.333	107.348	150.241	
A2 S2 N3	25	5.1	6	89.93	7.674	5.037	8.507	99.687	151.876	
							Average	9.117	105.092	161.113
							Std	0.536	1.876	17.433
A2 K2 N1	25	12.8	6	20.01	16.321	9.414	95.952	117.640	203.952	
A2 K2 N2	25	12	6	20	16.294	9.551	90.000	110.470	188.462	
A2 K2 N3	25	12.2	6	20	16.458	9.437	91.500	111.192	193.918	
							Average	92.484	113.101	195.444
							Std	3.096	3.948	7.857
A2 R1 N1	25	11.7	6	90	18.656	4.23	19.500	94.072	414.894	
A2 R1 N2	25	12	6	90	17.147	4.091	20.000	104.975	439.990	
A2 R1 N3	25	10.9	6	90.01	14.195	4.108	18.165	115.181	398.004	
							Average	19.222	104.743	417.629
							Std	0.949	10.556	21.126
A2 R2 N1	25	11.4	6	90	14.605	2.62	19.000	117.083	652.672	
A2 R2 N2	25	10.5	6	90	11.725	2.018	17.500	134.328	780.476	
A2 R2 N3	25	10.9	6	90	12.436	2.63	18.167	131.473	621.673	
							Average	18.222	127.628	684.940
							Std	0.752	9.243	84.175
A2 R3 N1	25	8.5	6	90	10.061	1.952	14.167	126.727	653.176	
A2 R3 N2	25	9.1	6	90	10.954	1.97	15.167	124.612	692.893	
A2 R3 N3	25	7.7	6	90	8.317	1.842	12.833	138.872	627.036	
							Average	14.056	130.070	657.702
							Std	1.171	7.695	33.161
A2 C2 N1	25	7.9	6	90.01	9.835	1.678	13.165	120.488	706.198	
A2 C2 N2	25	8	6	90	10.411	1.769	13.333	115.263	678.349	
A2 C2 N3	25	8.7	6	90	10.753	1.739	14.500	121.361	750.431	
							Average	13.666	119.037	711.659
							Std	0.727	7.708	36.35
A2 G2 N1	25	3.3	6	90.02	5.029	0.774	5.499	98.429	639.535	
A2 G2 N2	25	4.3	6	90.06	8.658	0.691	7.162	74.498	933.430	
A2 G2 N3	25	4.1	6	90.05	6.266	0.722	6.830	98.149	851.801	
							Average	6.497	90.358	808.255
							Std	0.88	13.736	151.709

Kandungan logam ($\mu\text{g/g}$) = $\frac{\text{vol. Sample larutan} \times \text{pengenceran} \times \text{hasil pengukuran logam}}{\text{berat sampel}}$

Berat sample (abu/kg/bsh) dalam gram

Lampiran 8. Data Konsentrasi Logam Zn dan Fe ($\mu\text{g/ml}$) dalam Air Bekas Perendaman dan Pencucian Rumput Laut *E. cottonii* dari Lokasi 1.

Sampel	Zn (ppm)	Fe (ppm)	Pengenceran	Konsentrasi Logam Fe ($\mu\text{g/ml}$)
A PM N1	0	0	0	0
A PM N2	0	0	0	0
A PM N3	0	0	0	0
Average	0	0		

A1 AR1 N1	0.4	5	2	10
A1 AR1 N2	0.3	7.2	2	14.4
A1 AR1 N3	0.3	10.6	2	21.2
Average	0.333333			15.2

A1 AR2 N1	0	9		
A1 AR2 N2	0	11		
A1 AR2 N3	0	8		
Average	0	9.333333		

A1 AR3 N1	0	1.9	2	3.8
A1 AR3 N2	0	2	2	4
A1 AR3 N3	0	3	2	6
Average	0			4.6

A1 AC1 N1	0	4.8	2	9.6
A1 AC1 N2	0	5.2	2	10.4
A1 AC1 N3	0	4.2	2	8.4
Average	0			9.466667

Lampiran 9. Data Konsentrasi Logam Zn dan Fe ($\mu\text{g/ml}$) dalam Air Bekas Perendaman dan Pencucian Rumput Laut *E. cottonii* dari Lokasi 2.

Sampel	Zn	Fe	Pengenceran	Konsentrasi Logam Fe ($\mu\text{g/ml}$)
A PM N1	0	0		
A PM N2	0	0		
A PM N3	0	0		
Average	0	0		

A2 AR1 N1	0.4	9.9	2	19.8
A2 AR1 N2	0.3	6.2	2	12.4
A2 AR1 N3	0.3	5.8	2	11.6
Average	0.333333			14.6

A2 AR2 N1	0	9		
A2 AR2 N2	0	10		
A2 AR2 N3	0	10		
Average	0	9.666667		

A2 AR3 N1	0	2.2	2	4.4
A2 AR3 N2	0	2.1	2	4.2
A2 AR3 N3	0	1.8	2	3.6
Average	0			4.066667

A2 AC1 N1	0	4.5	2	9
A2 AC1 N2	0	4.2	2	8.4
A2 AC1 N3	0	4.8	2	9.6
Average	0			9

Lampiran 10. Hasil *One Way Anova* Logam Cd Pada Rumput Laut *Eucheuma cottonii* dari Lokasi 1.

Test of Homogeneity of Variances

CD

Levene Statistic	df1	df2	Sig.
2.841	2	6	.135

ANOVA

CD

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	1.829	2	.915	39.937	.000
Within Groups	.137	6	2.290E-02		
Total	1.967	8			

Post Hoc Tests

Homogeneous Subsets

CD

Duncan

TAHAP	N	Subset for alpha = .05	
		1	2
3	3	.24833	
2	3		1.14767
1	3		1.25300
Sig.		1.000	.427

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

Lampiran 11. Hasil *One Way Anova* Logam Zn Pada Rumpun Laut *Eucheuma cottonii* dari Lokasi 1.

Test of Homogeneity of Variances

ZN

Levene Statistic	df1	df2	Sig.
1.177	6	14	.372

ANOVA

ZN

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	191.092	6	31.849	13.739	.000
Within Groups	32.453	14	2.318		
Total	223.545	20			

Post Hoc Tests

Homogeneous Subsets

ZN

Duncan

TAHAP	N	Subset for alpha = .05			
		1	2	3	4
7	3	7.43133			
6	3	9.86500	9.86500		
3	3	10.02367	10.02367		
1	3		10.57367	10.57367	
2	3			12.82600	
4	3			13.08400	
5	3				17.60600
Sig.		.067	.597	.075	1.000

Means for groups in homogeneous subsets are displayed.

a Uses Harmonic Mean Sample Size = 3.000.

Lampiran 12. Hasil *One Way Anova* Logam Fe Pada Rumput Laut *Eucheuma cottonii* dari Lokasi 1.

Test of Homogeneity of Variances

FE

Levene Statistic	df1	df2	Sig.
.859	6	14	.547

ANOVA

FE

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	9078.740	6	1513.123	19.095	.000
Within Groups	1109.394	14	79.242		
Total	10188.134	20			

Post Hoc Tests

Homogeneous Subsets

FE

Duncan

TAHAP	N	Subset for alpha = .05				
		1	2	3	4	5
3	3	89.26800				
7	3	99.23967	99.23967			
1	3		107.43767	107.43767		
4	3			121.50833	121.50833	
2	3				123.79467	
6	3				128.49533	
5	3					157.76800
Sig.		.192	.278	.073	.377	1.000

Means for groups in homogeneous subsets are displayed.

a Uses Harmonic Mean Sample Size = 3.000.

Lampiran 13. Hasil *One Way Anova* Logam Cd Pada Rumput Laut *Eucheuma cottonii* dari Lokasi 2.

Test of Homogeneity of Variances

CD

Levene Statistic	df1	df2	Sig.
3.233	2	6	.112

ANOVA

CD

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.926	2	.463	89.449	.000
Within Groups	3.105E-02	6	5.174E-03		
Total	.957	8			

Post Hoc Tests

Homogeneous Subsets

CD

Duncan

TAHAP	N	Subset for alpha = .05	
		1	2
3	3	.27800	
2	3		.91733
1	3		.99300
Sig.		1.000	.245

Means for groups in homogeneous subsets are displayed.
 a Uses Harmonic Mean Sample Size = 3.000.

Lampiran 14. Hasil *One Way Anova* Logam Zn Pada Rumput Laut *Eucheuma cottonii* dari Lokasi 2.

Test of Homogeneity of Variances

ZN

Levene Statistic	df1	df2	Sig.
1.753	6	14	.181

ANOVA

ZN

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	212.941	6	35.490	18.151	.000
Within Groups	27.374	14	1.955		
Total	240.315	20			

Post Hoc Tests

Homogeneous Subsets

ZN

Duncan

TAHAP	N	Subset for alpha = .05			
		1	2	3	4
7	3	7.10933			
1	3	9.61767	9.61767		
6	3	9.66700	9.66700		
3	3		11.60100		
2	3		12.22467	12.22467	
4	3			14.22433	
5	3				17.59767
Sig.		.051	.052	.102	1.000

Means for groups in homogeneous subsets are displayed.

a Uses Harmonic Mean Sample Size = 3.000.

Lampiran 15. Hasil *One Way Anova* Logam Fe Pada Rumput Laut *Eucheuma cottonii* dari Lokasi 2.

Test of Homogeneity of Variances

FE

Levene Statistic	df1	df2	Sig.
1.406	6	14	.280

ANOVA

FE

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	3427.567	6	571.261	7.379	.001
Within Groups	1083.787	14	77.413		
Total	4511.354	20			

Post Hoc Tests

Homogeneous Subsets

FE

Duncan

TAHAP	N	Subset for alpha = .05			
		1	2	3	4
7	3	90.35867			
3	3	104.74267	104.74267		
1	3	105.09233	105.09233		
2	3		113.10067	113.10067	
6	3		113.35067	113.35067	
4	3			127.62800	127.62800
5	3				130.07033
Sig.		.071	.287	.074	.739

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

Lampiran 16. Hasil *Two Way Anova* Logam Cd Pada Rumput Laut *Eucheuma cottonii*

Levene's Test of Equality of Error Variances

Dependent Variable: CD

F	df1	df2	Sig.
2.962	5	12	.057

Tests the null hypothesis that the error variance of the dependent variable is equal across groups.

a. Design: Intercept+LOKASI+TAHAP+LOKASI * TAHAP

Tests of Between-Subjects Effects

Dependent Variable: CD

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	2.860	5	.572	40.751	.000
Intercept	11.697	1	11.697	833.396	.000
LOKASI	.106	1	.106	7.538	.018
TAHAP	2.678	2	1.339	95.399	.000
LOKASI * TAHAP	7.604E-02	2	3.802E-02	2.709	.107
Error	.168	12	1.403E-02		
Total	14.725	18			
Corrected Total	3.028	17			

a. R Squared = .944 (Adjusted R Squared = .921)

Lampiran 17. Hasil *Two Way Anova* Logam Zn Pada Rumput Laut *Eucheuma cottonii*

Levene's Test of Equality of Error Variances

Dependent Variable: ZN

F	df1	df2	Sig.
1.378	13	28	.230

Tests the null hypothesis that the error variance of the dependent variable is equal across groups.

a. Design: Intercept+LOKASI+TAHAP+LOKASI * TAHAP

Tests of Between-Subjects Effects

Dependent Variable: ZN

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	404.119	13	31.086	14.549	.000
Intercept	5724.930	1	5724.930	2679.324	.000
LOKASI	8.559E-02	1	8.559E-02	.040	.843
TAHAP	396.308	6	66.051	30.913	.000
LOKASI * TAHAP	7.725	6	1.287	.603	.726
Error	59.828	28	2.137		
Total	6188.876	42			
Corrected Total	463.946	41			

a. R Squared = .871 (Adjusted R Squared = .811)

Lampiran 18. Hasil *Two Way Anova* Logam Fe Pada Rumput Laut *Eucheuma cottonii*

Levene's Test of Equality of Error Variances

Dependent Variable: FE

F	df1	df2	Sig.
1.012	13	28	.467

Tests the null hypothesis that the error variance of the dependent variable is equal across groups.

a. Design: Intercept+LOKASI+TAHAP+LOKASI * TAHAP

Tests of Between-Subjects Effects

Dependent Variable: FE

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	12905.630	13	992.741	12.674	.000
Intercept	556730.687	1	556730.687	7107.694	.000
LOKASI	399.323	1	399.323	5.098	.032
TAHAP	10697.372	6	1782.895	22.762	.000
LOKASI * TAHAP	1808.935	6	301.489	3.849	.006
Error	2193.181	28	78.328		
Total	571829.498	42			
Corrected Total	15098.811	41			

a. R Squared = .855 (Adjusted R Squared = .787)

