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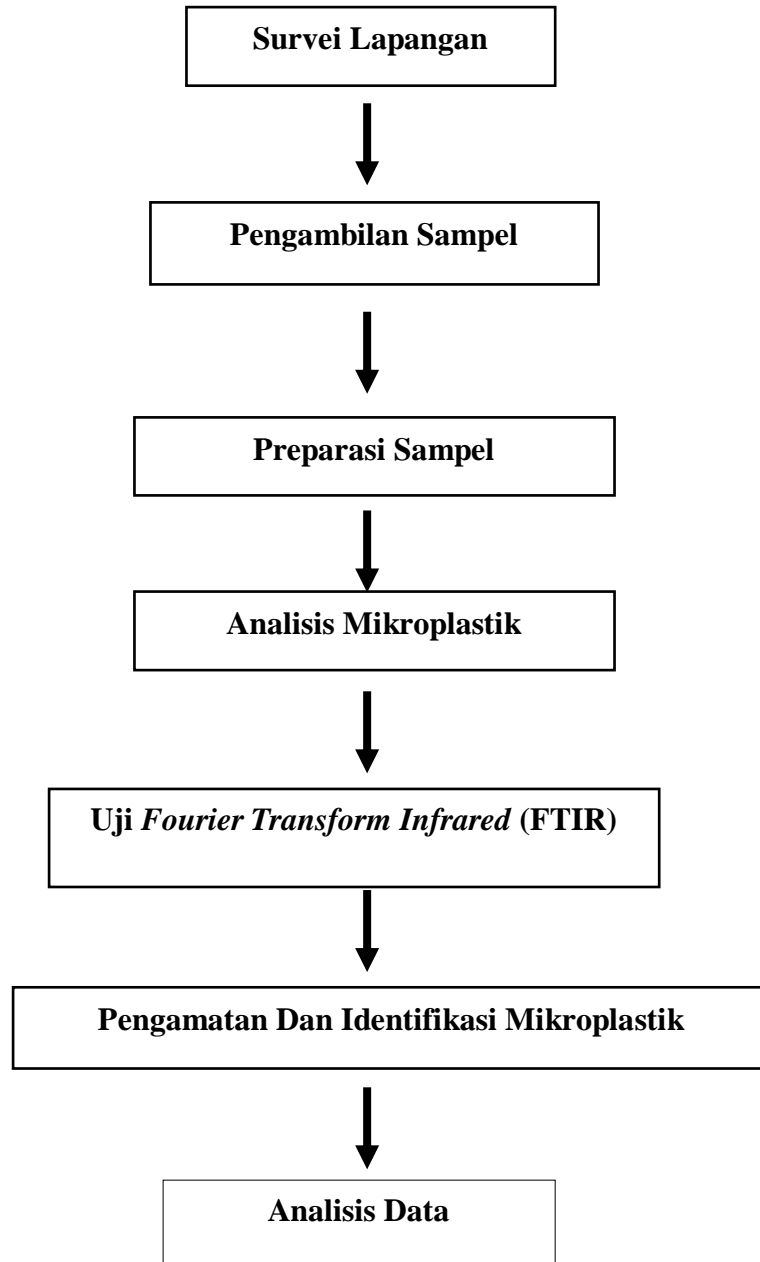
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LAMPIRAN

Lampiran 1. Bagan Alur Penelitian



Lampiran 2. Dokumentasi Penelitian



(a)



(b)

Pengambilan sampel ikan kembung *Rastrelliger* sp.(a), Pengambilan sampel ikan kakap *Lutjanus* sp. (b) di TPI Beba



Pengukuran panjang ikan kembung *Rastrelliger* sp. dan ikan kakap *Lutjanus* sp.



Pengambilan saluran pencernaan ikan kembung *Rastrelliger* sp. dan ikan kakap *Lutjanus* sp.



Penimbangan berat basah sampel



Penambahan KOH 10%



Penyaringan sampel



Identifikasi mikroplastik berdasarkan bentuk dan warna



Uji *Fourier Transform Infrared* (FTIR)

Lampiran 3. Data Morfologi Sampel

Tabel 2. Panjang dan berat saluran pencernaan pada ikan kembung *Rastrelliger* sp.

Panjang ikan(cm)	Berat saluran pencernaan ikan(gr)
20	5,3
21,5	5,3
20,8	5,6
21,5	10
19,5	6
22	8,9
21,5	7,2
21,7	4,7
21	6,2
22	6,1
21	5,9
21,5	7,8

Tabel 3. Panjang dan berat saluran pencernaan pada ikan kakap *Lutjanus* sp.

Panjang ikan(cm)	Berat saluran pencernaan ikan(gr)
23	11.1
24.5	10.4
21.6	8.9
23.8	7.5
23.8	9.7
24.3	12.3
23.9	8.8
24.3	7.8
23.9	7
24	9.2
22.6	10
23.9	9.9

Lampiran 4. Karakteristik mikroplastik pada ikan kembung *Rastrelliger* sp. dan ikan kakap *Lutjanus* sp.,

Tabel 4. Karakteristik mikroplastik pada ikan kembung *Rastrelliger* sp.

KODE SAMPEL	KARAKTERISTIK MPs			JUMLAH ITEM MPs	PERBESARAN MIKROSKOP
	BENTUK	WARNA	UKURAN		
R1	-	-	-	0	
R2	FIBER	HITAM	1.82	3	35.5
	FIBER	HITAM	1.537		35.5
	FIBER	HITAM	1.575		35.5
R3	-	-	-	0	
R4	FRAGMEN	KUNING	1	1	35.5
R5	FIBER	PUTIH	0.97	2	35.5
	FRAGMEN	KUNING	0.825		35.5
R6	-	-	-	0	
R7	-	-	-	0	
R8	FIBER	HITAM	0.917	2	35.5
	FIBER	HITAM	4.068		35.5
R9	FIBER	HITAM	3.329	2	35.5
	FIBER	HITAM	1.363		35.5
R10	FIBER	HITAM	1.11	2	35.5
	FRAGMEN	KUNING	0.776		35.5
R11	FIBER	MERAH	1.025	3	35.5
	FIBER	HITAM	2.129		35.5
	FIBER	HITAM	1.055		35.5
R12	-	-	-	0	

Tabel 5. Karakteristik mikroplastik pada ikan kakap *Lutjanus sp.*

KODE SAMPEL	KARAKTERISTIK MPs			JUMLAH ITEM MPs	PERBESARAN MIKROSKOP
	BENTUK	WARNA	UKURAN (mm)		
L1	FRAGMEN	KUNING	0.6	6	35.5
	FIBER	HITAM	2.789		35.5
	FIBER	HITAM	0.366		35.5
	FRAGMEN	KUNING	0.31		35.5
	FIBER	PUTIH	4.286		35.5
	FIBER	KUNING	0.549		35.5
L2	-	-	-	0	-
L3	FIBER	HITAM	1.643	2	35.5
	FIBER	HITAM	1.535		35.5
L4	-	-	-	0	-
L5	FIBER	HITAM	0.922	1	35.5
L6	FIBER	PUTIH	3.438	2	35.5
	FIBER	PUTIH	3.267		35.5
L7	-	-	-	0	-
L8	-	-	-	0	-
L9	FIBER	HITAM	2.024	1	35.5
L10	-	-	-	0	-
L11	-	-	-	0	-
L12	FIBER	HITAM	1.255	1	35.5

Lampiran 5. Konsentrasi Mikroplastik pada ikan kembung *Rastrelliger sp.* dan ikan kakap *Lutjanus sp.*

Tabel 6. Konsentrasi Mikroplastik pada ikan kembung *Rastrelliger sp.*

KODE SAMPEL	JUMLAH MPs	BERAT BASAH (g)	KONSENTRASI (Partikel/g)
R1	0	5.3	0
R2	3	5.3	0.566037736
R3	0	5.6	0
R4	1	10	0.1
R5	2	6	0.333333333
R6	0	8.9	0
R7	0	7.2	0
R8	2	4.7	0.425531915
R9	2	6.2	0.322580645
R10	2	6.1	0.327868852
R11	3	5.9	0.508474576
R12	0	7.8	0
RATA-RATA			0.215318921

Tabel 7. Konsentrasi Mikroplastik pada ikan kakap *Lutjanus sp.*

KODE SAMPEL	JUMLAH MPs	BERAT BASAH (g)	KONSENTRASI (Partikel/g)
L1	6	11.1	0.540540541
L2	0	10.4	0
L3	2	8.9	0.224719101
L4	0	7.5	0
L5	1	9.7	0.103092784
L6	2	12.3	0.162601626
L7	0	8.8	0
L8	0	7.8	0
L9	1	7	0.142857143
L10	0	9.2	0
L11	0	10	0
L12	1	9.9	0.101010101
RATA-RATA			0.106235108

Lampiran 6. Uji Normalitas, Uji Homogenitas, Uji T- test dan Uji Korelasi Person

Tests of Normality

Kode Sampel		Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	Df	Sig.	Statistic	Df	Sig.
Konsentrasi	IKAN R	.216	12	.126	.867	12	.060
	IKAN L	.184	12	.200*	.917	12	.261

Robust Tests of Equality of Means

Konsentrasi

	Statistic ^a	df1	df2	Sig.
Brown-Forsythe	.000	1	19.931	1.000

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
Konsentrasi	Equal variances assumed	4.804	.039	.000	22	1.000	-.0000008333333	.067650629645	.140299652181	.140297985514
	Equal variances not assumed		tdk homogen di levене	.000	19.931	1.000	-.0000008333333	.067650629645	.141149079402	.141147412735

Tests of Normality

Kode Sampel		Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	Df	Sig.	Statistic	df	Sig.
Berat Basah	L	.101	12	.200*	.980	12	.984
	R	.262	12	.023	.885	12	.103

Test of Homogeneity of Variances

	Levene Statistic	df1	df2	Sig.
Berat Basah	.045	1	22	.833

Group Statistics

Kode Sampel	N	Mean	Std. Deviation	Std. Error Mean
Berat Basah L	12	9.3833	1.52484	.44018
Berat Basah R	12	6.5833	1.59250	.45972

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
		F	Sig.	t	Df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
Berat Basah	Equal variances assumed	.045	.833	4.399	22	.000	2.80000	.63648	1.48003	4.11997
	Equal variances not assumed			4.399	21.959	.000	2.80000	.63648	1.47989	4.12011

Tests of Normality

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Konsentrasi_L_Unstandardized Residual	,128	12	,200 [*]	,971	12	,916
Konsentrasi_R_Unstandardized Residual	,156	12	,200 [*]	,936	12	,453
BeratBasah_L	,101	12	,200 [*]	,980	12	,984
BeratBasah_R	,262	12	,023	,885	12	,103

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

Correlations

		BeratBasah_L	Konsentrasi_L_Unstandardized Residual
BeratBasah_L	Pearson Correlation	1	,273
	Sig. (2-tailed)		,390
	N	12	12
Konsentrasi_L_Unstandardized Residual	Pearson Correlation	,273	1
	Sig. (2-tailed)	,390	
	N	12	12

Correlations

		BeratBasah_R	Konsentrasi_R_Unstandardized Residual
BeratBasah_R	Pearson Correlation	1	-,754**
	Sig. (2-tailed)		,005
	N	12	12
Konsentrasi_R_Unstandardized Residual	Pearson Correlation	-,754**	1
	Sig. (2-tailed)	,005	
	N	12	12

** . Correlation is significant at the 0.01 level (2-tailed).