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## LAMPIRAN

Lampiran 1. Kelimpahan Mikroplastik.

| Stasiun   | Kelimpahan Mikroplastik (MP/Cm <sup>2</sup> ) |                             |                            | Rata-rata |
|-----------|---|-----------------------------|----------------------------|-----------|
|           | <i>Enhalus acoroides</i>                      | <i>Thalassia hemprichii</i> | <i>Cymodocea rotundata</i> |           |
| 1         | 0,242   | 0,301                       | 0,518                      | 0,354     |
| 2         | 0,099   | 0,182                       | 0,636                      | 0,306     |
| 3         | 0,087   | 0,232                       | 0,532                      | 0,284     |
| Rata-rata | 0,143   | 0,238                       | 0,562                      | 0,314     |

Lampiran 2. Bentuk Mikroplastik.

| Stasiun | Jenis Lamun                 | Bentuk Mikroplastik (MP) |          |      | Jumlah |
|---------|-----------------------------|--------------------------|----------|------|--------|
|         |                             | Line                     | Fragment | Film |        |
| St 1    | <i>Enhalus acoroides</i>    | 37                       | 1        | 0    | 55     |
|         | <i>Thalassia hemprichii</i> | 9                        | 0        | 0    |        |
|         | <i>Cymodocea rotundata</i>  | 8                        | 0        | 0    |        |
| St 2    | <i>Enhalus acoroides</i>    | 15                       | 1        | 1    | 29     |
|         | <i>Thalassia hemprichii</i> | 5                        | 0        | 0    |        |
|         | <i>Cymodocea rotundata</i>  | 6                        | 1        | 0    |        |
| St 3    | <i>Enhalus acoroides</i>    | 11                       | 0        | 1    | 28     |
|         | <i>Thalassia hemprichii</i> | 8                        | 0        | 0    |        |
|         | <i>Cymodocea rotundata</i>  | 7                        | 1        | 0    |        |
| Total   |                             | 106                      | 4        | 2    | 112    |

Lampiran 3. Karakteristik mikroplastik yang ditemukan pada lamun *E.acoroides*, stasiun I-III.

| Stasiun I. Lamun Jenis <i>Enhalus acoroides</i> |       |       |            |             |        |           |
|---|-------|-------|------------|-------------|--------|-----------|
| No  | Jenis | Warna | Perbesaran | Ukuran (mm) | Jumlah | Total Mps |
| 1   | Line  | Biru  | 4          | 5.000       | 1      | 38        |
| 2   | Line  | Biru  | 3          | 4.258       | 1      |           |
| 3   | Line  | Biru  | 4          | 3.178       | 1      |           |
| 4   | Line  | Merah | 4          | 2.720       | 1      |           |
| 5   | Line  | Biru  | 3          | 4.817       | 1      |           |
| 6   | Line  | Biru  | 4          | 4.253       | 1      |           |
| 7   | Line  | Biru  | 4          | 3.550       | 1      |           |
| 8   | Line  | Biru  | 4          | 4.347       | 1      |           |
|   | Line  | Biru  | 4          | 2.685       | 1      |           |
|   | Line  | Biru  | 4.5        | 4.598       | 1      |           |
|   | Line  | Biru  | 4.5        | 1.534       | 1      |           |





Lampiran 3. Lanjutan.

| Stasiun I. Lamun Jenis <i>Enhalus acoroides</i> |          |       |            |             |        |           |
|---|----------|-------|------------|-------------|--------|-----------|
| No  | Jenis    | Warna | Perbesaran | Ukuran (mm) | Jumlah | Total Mps |
| 12  | Line     | Biru  | 4          | 3.721       | 1      |           |
| 13  | Line     | Biru  | 3          | 3.815       | 1      |           |
| 14  | Line     | Biru  | 3          | 4.572       | 1      |           |
| 15  | Line     | Biru  | 4.5        | 2.006       | 1      |           |
| 16  | Line     | Merah | 4          | 4.684       | 1      |           |
| 17  | Line     | Hijau | 4          | 3.540       | 1      |           |
| 18  | Line     | Biru  | 4          | 3.304       | 1      |           |
| 19  | Line     | Biru  | 4          | 4.678       | 1      |           |
| 20  | Fragment | Biru  | 4.5        | 1.576       | 1      |           |
| 21  | Line     | Biru  | 4          | 4.660       | 1      |           |
| 22  | Line     | Biru  | 4          | 3.554       | 1      |           |
| 23  | Line     | Biru  | 4.5        | 3.512       | 1      |           |
| 24  | Line     | Biru  | 4.5        | 0.664       | 1      |           |
| 25  | Line     | Biru  | 4.5        | 2.171       | 1      | 38        |
| 26  | Line     | Biru  | 4.5        | 4.881       | 1      |           |
| 27  | Line     | Biru  | 4.5        | 1.939       | 1      |           |
| 28  | Line     | Biru  | 4          | 2.913       | 1      |           |
| 29  | Line     | Biru  | 4.5        | 1.414       | 1      |           |
| 30  | Line     | Biru  | 4.5        | 2.901       | 1      |           |
| 31  | Line     | Biru  | 4          | 4.131       | 1      |           |
| 32  | Line     | Biru  | 4          | 4.923       | 1      |           |
| 33  | Line     | Biru  | 4          | 3.641       | 1      |           |
| 34  | Line     | Biru  | 4.5        | 4.072       | 1      |           |
| 35  | Line     | Biru  | 4          | 4.634       | 1      |           |
| 36  | Line     | Biru  | 4.5        | 0.340       | 1      |           |
| 37  | Line     | Merah | 4          | 4.353       | 1      |           |
| 38  | Line     | Biru  | 4.5        | 2.159       | 1      |           |

| Stasiun II. Lamun Jenis <i>Enhalus acoroides</i> |       |       |            |             |        |           |
|--|-------|-------|------------|-------------|--------|-----------|
| No   | Jenis | Warna | Perbesaran | Ukuran (mm) | Jumlah | Total Mps |
| 1  | Line  | Biru  | 4          | 4.883       | 1      |           |
| 2  | Line  | Biru  | 4          | 4.485       | 1      |           |
| 3  | Line  | Biru  | 3          | 4.453       | 1      | 17        |
| 4  | Line  | Biru  | 3          | 4.725       | 1      |           |
| 5  | Line  | Biru  | 4          | 3.866       | 1      |           |



Lampiran 3. Lanjutan

| Stasiun II. Lamun Jenis <i>Enhalus acoroides</i> |          |                |            |             |        |           |
|--|----------|----------------|------------|-------------|--------|-----------|
| No   | Jenis    | Warna          | Perbesaran | Ukuran (mm) | Jumlah | Total Mps |
| 6  | Line     | Biru           | 4          | 3.514       | 1      |           |
| 7  | Filamen  | Biru           | 4          | 1.187       | 1      |           |
| 8  | Fragment | Merah          | 4          | 4.890       | 1      |           |
| 9  | Line     | Biru           | 4          | 3.503       | 1      |           |
| 10   | Line     | Biru           | 4          | 0.454       | 1      |           |
| 11   | Line     | Biru           | 4          | 0.579       | 1      |           |
| 12   | Line     | Merah          | 4          | 2.035       | 1      | 17        |
| 13   | Line     | Biru           | 4.5        | 0.533       | 1      |           |
| 14   | Line     | Biru           | 4.5        | 1.459       | 1      |           |
| 15   | Line     | Biru           | 4.5        | 1.342       | 1      |           |
| 16   | Line     | Biru           | 4          | 0.283       | 1      |           |
| 17   | Line     | Bening (Nylon) | 4          | 4.019       | 1      |           |

| Stasiun III. Lamun Jenis <i>Enhalus acoroides</i> |         |       |            |             |        |           |
|---|---------|-------|------------|-------------|--------|-----------|
| No  | Jenis   | Warna | Perbesaran | Ukuran (mm) | Jumlah | Total Mps |
| 1   | Filamen | Biru  | 4          | 2.353       | 1      |           |
| 2   | Line    | Biru  | 4          | 1.365       | 1      |           |
| 3   | Line    | Biru  | 4.5        | 4.221       | 1      |           |
| 4   | Line    | Biru  | 4.5        | 4.940       | 1      |           |
| 5   | Line    | Biru  | 4.5        | 0.808       | 1      |           |
| 6   | Line    | Biru  | 4.5        | 1.395       | 1      | 12        |
| 7   | Line    | Biru  | 4.5        | 1.581       | 1      |           |
| 8   | Line    | Biru  | 4.5        | 3.314       | 1      |           |
| 9   | Line    | Biru  | 4.5        | 0.495       | 1      |           |
| 10  | Line    | Biru  | 4.5        | 0.272       | 1      |           |
| 11  | Line    | Biru  | 4.5        | 1.272       | 1      |           |
| 12  | Line    | Biru  | 4.5        | 0.617       | 1      |           |



Lampiran 4. Karakteristik mikroplastik yang ditemukan pada lamun *T.hemprichii*, stasiun I-III.

| Stasiun I. Lamun Jenis <i>Thalassia hemprichii</i> |       |       |            |             |        |           |
|--|-------|-------|------------|-------------|--------|-----------|
| No   | Jenis | Warna | Perbesaran | Ukuran (mm) | Jumlah | Total Mps |
| 1  | Line  | Biru  | 4.5        | 0.549       | 1      | 9         |
| 2  | Line  | Biru  | 4.5        | 0.798       | 1      |           |
| 3  | Line  | Biru  | 4.5        | 0.767       | 1      |           |
| 4  | Line  | Biru  | 4.5        | 0.361       | 1      |           |
| 5  | Line  | Biru  | 4.5        | 0.393       | 1      |           |
| 6  | Line  | Biru  | 4.5        | 0.568       | 1      |           |
| 7  | Line  | Biru  | 4.5        | 4.383       | 1      |           |
| 8  | Line  | Merah | 4.5        | 1.008       | 1      |           |
| 9  | Line  | Biru  | 4.5        | 1.618       | 1      |           |

| Stasiun II. Lamun Jenis <i>Thalassia hemprichii</i> |       |        |            |             |        |           |
|---|-------|--------|------------|-------------|--------|-----------|
| No  | Jenis | Warna  | Perbesaran | Ukuran (mm) | Jumlah | Total Mps |
| 1   | Line  | Biru   | 4.5        | 2.854       | 1      | 5         |
| 2   | Line  | Bening | 4.5        | 1.641       | 1      |           |
| 3   | Line  | Biru   | 4.5        | 1.522       | 1      |           |
| 4   | Line  | Biru   | 4.5        | 4.923       | 1      |           |
| 5   | Line  | Biru   | 4.5        | 1.409       | 1      |           |

| Stasiun III. Lamun Jenis <i>Thalassia hemprichii</i> |       |       |            |             |        |           |
|--|-------|-------|------------|-------------|--------|-----------|
| No   | Jenis | Warna | Perbesaran | Ukuran (mm) | Jumlah | Total Mps |
| 1  | Line  | Biru  | 4.5        | 2.680       | 1      | 8         |
| 2  | Line  | Biru  | 4.5        | 4.720       | 1      |           |
| 3  | Line  | Biru  | 4.5        | 0.274       | 1      |           |
| 4  | Line  | Biru  | 4          | 4.027       | 1      |           |
| 5  | Line  | Biru  | 4          | 3.580       | 1      |           |
| 6  | Line  | Biru  | 4.5        | 3.800       | 1      |           |
| 7  | Line  | Merah | 4.5        | 3.707       | 1      |           |
| 8  | Line  | Biru  | 4.5        | 4.812       | 1      |           |



Lampiran 5. Karakteristik mikroplastik yang ditemukan pada lamun *C.rotundata* stasiun I-III.

| Stasiun I. Lamun Jenis <i>Cymodocea rotundata</i> |       |       |            |             |        |           |
|---|-------|-------|------------|-------------|--------|-----------|
| No  | Jenis | Warna | Perbesaran | Ukuran (mm) | Jumlah | Total Mps |
| 1   | Line  | Biru  | 4          | 3.686       | 1      | 8         |
| 2   | Line  | Biru  | 4.5        | 1.528       | 1      |           |
| 3   | Line  | Biru  | 4          | 3.818       | 1      |           |
| 4   | Line  | Biru  | 4          | 4.358       | 1      |           |
| 5   | Line  | Biru  | 4          | 3.963       | 1      |           |
| 6   | Line  | Biru  | 4          | 3.839       | 1      |           |
| 7   | Line  | Biru  | 3          | 3.174       | 1      |           |
| 8   | Line  | Biru  | 4.5        | 4.475       | 1      |           |

| Stasiun II. Lamun Jenis <i>Cymodocea rotundata</i> |         |        |            |             |        |           |
|--|---------|--------|------------|-------------|--------|-----------|
| No   | Jenis   | Warna  | Perbesaran | Ukuran (mm) | Jumlah | Total Mps |
| 1  | Line    | Biru   | 4          | 2.104       | 1      | 7         |
| 2  | Line    | Biru   | 4          | 1.954       | 1      |           |
| 3  | Line    | Biru   | 4          | 4.098       | 1      |           |
| 4  | Line    | Biru   | 4          | 1.699       | 1      |           |
| 5  | Fragmen | Bening | 4.5        | 1.053       | 1      |           |
| 6  | Line    | Biru   | 4.5        | 1.491       | 1      |           |
| 7  | Line    | Biru   | 2          | 4.463       | 1      |           |

| Stasiun 3. Lamun Jenis <i>Cymodocea rotundata</i> |          |        |            |             |        |           |
|---|----------|--------|------------|-------------|--------|-----------|
| No  | Jenis    | Warna  | Perbesaran | Ukuran (mm) | Jumlah | Total Mps |
| 1   | Line     | Biru   | 4.5        | 1.480       | 1      | 8         |
| 2   | Line     | Merah  | 4.5        | 3.659       | 1      |           |
| 3   | Line     | Biru   | 4.5        | 1.360       | 1      |           |
| 4   | Fragment | Bening | 4.5        | 1.266       | 1      |           |
| 5   | Line     | Biru   | 4.5        | 1.993       | 1      |           |
| 6   | Line     | Biru   | 4.5        | 1.893       | 1      |           |
| 7   | Line     | Merah  | 4.5        | 4.801       | 1      |           |
| 8   | Line     | Biru   | 4.5        | 0.736       | 1      |           |



Lampiran 6. Hasil Data Arus Pulau Barrang Caddi (Stasiun I-III).

| Tanggal    | Stasiun | Ulangan   | Waktu | Posisi Koordinat |               | Kecepatan (m/det) | Arah | Posisi                | Keterangan          |
|------------|---------|-----------|-------|------------------|---------------|-------------------|------|-----------------------|---------------------|
|            |         |           |       | X                | Y             |                   |      |                       |                     |
| 03/08/2019 | I       | 1         | 13.46 | 5.<br>08016      | 119.<br>31948 | 0.27              | 108° | Timur laut            | Pasang menuju surut |
|            |         | 2         | 13.51 |                  |               | 0.26              | 55°  | Timur laut            | Pasang menuju surut |
|            |         | 3         | 13.51 |                  |               | 0.26              | 46°  | Timur laut            | Pasang menuju surut |
|            |         | 4         | 13.52 |                  |               | 0.27              | 45°  | Timur laut            | Pasang menuju surut |
|            |         | 5         | 13.53 |                  |               | 0.26              | 45°  | Timur laut            | Pasang menuju surut |
|            |         | Rata-rata |       |                  |               | 0.26 m/det        |      |                       |                     |
| 03/08/2019 | II      | 1         | 14.52 | 5.<br>08081      | 119. 3193     | 0.24              | 81°  | Timur-Timur Laut      | Pasang menuju surut |
|            |         | 2         | 14.54 |                  |               | 0.25              | 63°  | Timur-Timur Laut      | Pasang menuju surut |
|            |         | 3         | 14.54 |                  |               | 0.25              | 51°  | Timur-Timur Laut      | Pasang menuju surut |
|            |         | 4         | 14.57 |                  |               | 0.25              | 45°  | Timur-Timur laut      | Pasang menuju surut |
|            |         | 5         | 14.58 |                  |               | 0.25              | 45°  | Timur-Timur laut laut | Pasang menuju surut |
|            |         | Rata-rata |       |                  |               | 0,24 m/det        |      |                       |                     |
| 03/08/2019 | III     | 1         | 15.51 | 5.<br>08135      | 119.<br>31929 | 0.25              | 105° | Timur-Timur Laut      | Pasang menuju surut |
|            |         | 2         | 15.52 |                  |               | 0.27              | 80°  | Timur-Timur Laut      | Pasang menuju surut |
|            |         | 3         | 15.53 |                  |               | 0.27              | 69°  | Timur-Timur Laut      | Pasang menuju surut |
|            |         | 4         | 15.54 |                  |               | 0.25              | 67°  | Timur-Timur Laut      | Pasang menuju surut |
|            |         | 5         | 15.55 |                  |               | 0.25              | 54°  | Timur-Timur Laut      | Pasang menuju surut |
|            |         | Rata-rata |       |                  |               | 0,25 m/det        |      |                       |                     |



Lampiran 7. Hasil uji Kruskal Wallis, kelimpahan mikroplastik pada tiga stasiun.

**Ranks**

|                            | STASIUN   | N  | Mean Rank |
|----------------------------|-----------|----|-----------|
| KELIMPAHANMIKROPLAST<br>IK | stasiun 1 | 15 | 27.77     |
|                            | stasiun 2 | 15 | 21.60     |
|                            | stasiun 3 | 15 | 19.63     |
|                            | Total     | 45 |           |

**Test Statistics<sup>a,b</sup>**

|             | KELIMPAHANMI<br>KROPLASTIK |
|-------------|----------------------------|
| Chi-Square  | 3.140                      |
| df          | 2                          |
| Asymp. Sig. | .208                       |

a. Kruskal Wallis Test

b. Grouping Variable: STASIUN



Lampiran 8. Hasil uji Kruskal Wallis, kelimpahan mikroplastik pada lamun *E.acoroides*, *T.hemprichii* dan *C.rotundata* di stasiun I.

**Coefficients<sup>a</sup>**

| Model |            | Unstandardized Coefficients |            | Standardized Coefficients | t     | Sig. |
|-------|------------|-----------------------------|------------|---------------------------|-------|------|
|       |            | B                           | Std. Error | Beta                      |       |      |
| 1     | (Constant) | 1.336                       | .916       |                           | 1.459 | .168 |
|       | LUASDAUN   | .034                        | .154       | .061                      | .222  | .828 |

a. Dependent Variable: JUMLAHMP

**Test Statistics<sup>a,b</sup>**

|             | KELIMPAHANMI<br>KROPLASTIK |
|-------------|----------------------------|
| Chi-Square  | 5.475                      |
| Df          | 2                          |
| Asymp. Sig. | .065                       |

a. Kruskal Wallis Test

b. Grouping Variable:

JENISLAMUN



Lampiran 9. Hasil uji Oneway Anova, kelimpahan mikroplastik pada lamun *E.acoroides*, *T.hemprichii* dan *C.rotundata* di stasiun II.

**Descriptives**

| KELIMPAHANMP         |    |       |                |            |                                  |             |         |         |
|----------------------|----|-------|----------------|------------|----------------------------------|-------------|---------|---------|
|                      |    |       |                |            | 95% Confidence Interval for Mean |             |         |         |
|                      | N  | Mean  | Std. Deviation | Std. Error | Lower Bound                      | Upper Bound | Minimum | Maximum |
| Enhalus acoroides    | 5  | .0960 | .04037         | .01806     | .0459                            | .1461       | .04     | .14     |
| Thalassia hemprichii | 5  | .1800 | .19378         | .08666     | -.0606                           | .4206       | .00     | .44     |
| Cymodocea rotundata  | 5  | .6320 | .43205         | .19322     | .0955                            | 1.1685      | .00     | .95     |
| Total                | 15 | .3027 | .35198         | .09088     | .1077                            | .4976       | .00     | .95     |

**Test of Homogeneity of Variances**

KELIMPAHANMP

| Levene Statistic | df1 | df2 | Sig. |
|------------------|-----|-----|------|
| 13.508           | 2   | 12  | .001 |

**ANOVA**

| KELIMPAHANMP   |                |    |             |       |      |
|----------------|----------------|----|-------------|-------|------|
|                | Sum of Squares | Df | Mean Square | F     | Sig. |
| Between Groups | .831           | 2  | .416        | 5.520 | .020 |
| Within Groups  | .903           | 12 | .075        |       |      |
| Total          | 1.734          | 14 |             |       |      |





Lampiran 9.Lanjutan

Multiple Comparisons

KELIMPAHANMP

Tukey HSD

| (I) JENISLAMUN       | (J) JENISLAMUN       | Mean Difference<br>(I-J) | Std. Error | Sig. | 95% Confidence Interval |             |
|----------------------|----------------------|--------------------------|------------|------|-------------------------|-------------|
|                      |                      |                          |            |      | Lower Bound             | Upper Bound |
| Enhalus acoroides    | Thalassia hemprichii | -.08400                  | .17353     | .880 | -.5470                  | .3790       |
|                      | Cymodocea rotundata  | -.53600*                 | .17353     | .024 | -.9990                  | -.0730      |
| Thalassia hemprichii | Enhalus acoroides    | .08400                   | .17353     | .880 | -.3790                  | .5470       |
|                      | Cymodocea rotundata  | -.45200                  | .17353     | .056 | -.9150                  | .0110       |
| Cymodocea rotundata  | Enhalus acoroides    | .53600*                  | .17353     | .024 | .0730                   | .9990       |
|                      | Thalassia hemprichii | .45200                   | .17353     | .056 | -.0110                  | .9150       |

\*. The mean difference is significant at the 0.05 level.



Lampiran 10. Hasil uji Oneway Anova, kelimpahan mikroplastik pada lamun *E.acoroides*, *T.hemprichii* dan *C.rotundata* di stasiun III.

| Descriptives         |    |       |                |            |                                  |             |         |         |
|----------------------|----|-------|----------------|------------|----------------------------------|-------------|---------|---------|
| KELIMPAHAN MP        | N  | Mean  | Std. Deviation | Std. Error | 95% Confidence Interval for Mean |             | Minimum | Maximum |
|                      |    |       |                |            | Lower Bound                      | Upper Bound |         |         |
| Enhalus acoroides    | 5  | .0871 | .07022         | .03140     | .0000                            | .1743       | .04     | .21     |
| Thalassia hemprichii | 5  | .2317 | .20448         | .09145     | -.0222                           | .4856       | .00     | .55     |
| Cymodocea rotundata  | 5  | .5324 | .44654         | .19970     | -.0220                           | 1.0869      | .00     | 1.14    |
| Total                | 15 | .2837 | .32740         | .08453     | .1024                            | .4650       | .00     | 1.14    |

**Test of Homogeneity of Variances**

KELIMPAHANMP

| Levene Statistic | df1 | df2 | Sig. |
|------------------|-----|-----|------|
| 5.769            | 2   | 12  | .018 |

**ANOVA**

| KELIMPAHANMP   | Sum of Squares | Df | Mean Square | F     | Sig. |
|----------------|----------------|----|-------------|-------|------|
| Between Groups | .516           | 2  | .258        | 3.145 | .080 |
| Within Groups  | .985           | 12 | .082        |       |      |
| Total          | 1.501          | 14 |             |       |      |



Lampiran 11. Hasil uji Kruskal wallis kelimpahan mikroplastik pada lamun *Enhalus acoroides* (Stasiun I-III).

**Ranks**

|              | Stasiun   | N  | Mean Rank |
|--------------|-----------|----|-----------|
| kelimpahanMP | stasiun 1 | 5  | 11.40     |
|              | stasiun 2 | 5  | 7.30      |
|              | stasiun 3 | 5  | 5.30      |
|              | Total     | 15 |           |

**Test Statistics<sup>a,b</sup>**

|             | KelimpahanMP |
|-------------|--------------|
| Chi-Square  | 4.950        |
| df          | 2            |
| Asymp. Sig. | .084         |

a. Kruskal Wallis Test

b. Grouping Variable: Stasiun



Lampiran 12. Hasil uji Kruskal wallis kelimpahan mikroplastik pada lamun *Thalassia hemprichii* (Stasiun I-III).

|              | Stasiun | N  | Mean Rank |
|--------------|---------|----|-----------|
| kelimpahanMP | 1       | 5  | 9.30      |
|              | 2       | 5  | 7.00      |
|              | 3       | 5  | 7.70      |
|              | Total   | 15 |           |

|             | KelimpahanMP |
|-------------|--------------|
| Chi-Square  | .708         |
| Df          | 2            |
| Asymp. Sig. | .702         |

a. Kruskal Wallis Test

b. Grouping Variable: Stasiun



Lampiran 13. Hasil uji Kruskal Wallis kelimpahan mikroplastik pada lamun *Cymodocea rotundata* (Stasiun I-III).

| Ranks        |         |    |           |
|--------------|---------|----|-----------|
|              | Stasiun | N  | Mean Rank |
| kelimpahanMP | 1       | 5  | 7.40      |
|              | 2       | 5  | 9.10      |
|              | 3       | 5  | 7.50      |
|              | Total   | 15 |           |

| Test Statistics <sup>a,b</sup> |              |
|--------------------------------|--------------|
|                                | kelimpahanMP |
| Chi-Square                     | .456         |
| df                             | 2            |
| Asymp. Sig.                    | .796         |

a. Kruskal Wallis Test

b. Grouping Variable: Stasiun



Lampiran 14. Hasil uji Regresi epifit dengan kelimpahan mikroplastik pada lamun *Enhalus acoroides*, *Thalassia hemprichii* dan *Cymodocea rotundata*

a. *E.acoroides*

**Model Summary**

| Model | R                 | R Square | Adjusted R Square | Std. Error of the Estimate |
|-------|-------------------|----------|-------------------|----------------------------|
| 1     | .161 <sup>a</sup> | .026     | -.049             | .13187                     |

a. Predictors: (Constant), EPIFIT

**ANOVA<sup>b</sup>**

| Model |            | Sum of Squares | df | Mean Square | F    | Sig.              |
|-------|------------|----------------|----|-------------|------|-------------------|
| 1     | Regression | .006           | 1  | .006        | .347 | .566 <sup>a</sup> |
|       | Residual   | .226           | 13 | .017        |      |                   |
|       | Total      | .232           | 14 |             |      |                   |

a. Predictors: (Constant), EPIFIT

b. Dependent Variable: KELIMPAHANMP

**Coefficients<sup>a</sup>**

| Model |            | Unstandardized Coefficients |            | Standardized Coefficients | t    | Sig. |
|-------|------------|-----------------------------|------------|---------------------------|------|------|
|       |            | B                           | Std. Error | Beta                      |      |      |
| 1     | (Constant) | .049                        | .157       |                           | .312 | .760 |
|       | EPIFIT     | .002                        | .003       | .161                      | .589 | .566 |

a. Dependent Variable: KELIMPAHANMP



Lampiran 14. Lanjutan

b. *Thalassia hemprichii*

**Model Summary**

| Model | R                 | R Square | Adjusted R Square | Std. Error of the Estimate |
|-------|-------------------|----------|-------------------|----------------------------|
| 1     | .311 <sup>a</sup> | .096     | .027              | .19806                     |

a. Predictors: (Constant), EPIFIT

**ANOVA<sup>b</sup>**

| Model |            | Sum of Squares | df | Mean Square | F     | Sig.              |
|-------|------------|----------------|----|-------------|-------|-------------------|
| 1     | Regression | .054           | 1  | .054        | 1.387 | .260 <sup>a</sup> |
|       | Residual   | .510           | 13 | .039        |       |                   |
|       | Total      | .564           | 14 |             |       |                   |

a. Predictors: (Constant), EPIFIT

b. Dependent Variable: KELIMPAHANMP

**Coefficients<sup>a</sup>**

| Model |            | Unstandardized Coefficients |            | Standardized Coefficients | t     | Sig. |
|-------|------------|-----------------------------|------------|---------------------------|-------|------|
|       |            | B                           | Std. Error | Beta                      |       |      |
| 1     | (Constant) | .116                        | .112       |                           | 1.033 | .320 |
|       | EPIFIT     | .003                        | .002       | .311                      | 1.178 | .260 |

a. Dependent Variable: KELIMPAHANMP



Lampiran 14. Lanjutan

c. *Cymodocea rotundata*.

**Model Summary**

| Model | R                 | R Square | Adjusted R Square | Std. Error of the Estimate |
|-------|-------------------|----------|-------------------|----------------------------|
| 1     | .450 <sup>a</sup> | .203     | .142              | .32127                     |

a. Predictors: (Constant), EPIFIT

**ANOVA<sup>b</sup>**

| Model |            | Sum of Squares | df | Mean Square | F     | Sig.              |
|-------|------------|----------------|----|-------------|-------|-------------------|
| 1     | Regression | .342           | 1  | .342        | 3.309 | .092 <sup>a</sup> |
|       | Residual   | 1.342          | 13 | .103        |       |                   |
|       | Total      | 1.683          | 14 |             |       |                   |

a. Predictors: (Constant), EPIFIT

b. Dependent Variable: KELIMPAHANMP

**Coefficients<sup>a</sup>**

| Model |            | Unstandardized Coefficients |            | Standardized Coefficients | t     | Sig. |
|-------|------------|-----------------------------|------------|---------------------------|-------|------|
|       |            | B                           | Std. Error | Beta                      |       |      |
| 1     | (Constant) | .261                        | .182       |                           | 1.431 | .176 |
|       | EPIFIT     | .008                        | .004       | .450                      | 1.819 | .092 |

a. Dependent Variable: KELIMPAHANMP





Lampiran 15. Hasil uji Regresi luas daun dengan partikel mikroplastik pada lamun *Enhalus acoroides*, *Thalassia hemprichii* dan *Cymodocea rotundata*

a. *Enhalus acoroides*

**Model Summary**

| Model | R                 | R Square | Adjusted R Square | Std. Error of the Estimate |
|-------|-------------------|----------|-------------------|----------------------------|
| 1     | .251 <sup>a</sup> | .063     | -.009             | 3.39352                    |

a. Predictors: (Constant), LUASDAUN

**ANOVA<sup>b</sup>**

| Model |            | Sum of Squares | df | Mean Square | F    | Sig.              |
|-------|------------|----------------|----|-------------|------|-------------------|
| 1     | Regression | 10.025         | 1  | 10.025      | .871 | .368 <sup>a</sup> |
|       | Residual   | 149.708        | 13 | 11.516      |      |                   |
|       | Total      | 159.733        | 14 |             |      |                   |

a. Predictors: (Constant), LUASDAUN

b. Dependent Variable: JUMLAHMP

**Coefficients<sup>a</sup>**

| Model |            | Unstandardized Coefficients |            | Standardized Coefficients | t     | Sig. |
|-------|------------|-----------------------------|------------|---------------------------|-------|------|
|       |            | B                           | Std. Error | Beta                      |       |      |
| 1     | (Constant) | 7.647                       | 3.519      |                           | 2.173 | .049 |
|       | LUASDAUN   | -.045                       | .049       | -.251                     | -.933 | .368 |

a. Dependent Variable: JUMLAHMP



Lampiran 15. Lanjutan

b. *Thalassia hemprichii*

**Model Summary**

| Model | R                 | R Square | Adjusted R Square | Std. Error of the Estimate |
|-------|-------------------|----------|-------------------|----------------------------|
| 1     | .052 <sup>a</sup> | .003     | -.074             | 1.16639                    |

a. Predictors: (Constant), LUASDAUN

**ANOVA<sup>b</sup>**

| Model |            | Sum of Squares | df | Mean Square | F    | Sig.              |
|-------|------------|----------------|----|-------------|------|-------------------|
| 1     | Regression | .047           | 1  | .047        | .035 | .855 <sup>a</sup> |
|       | Residual   | 17.686         | 13 | 1.360       |      |                   |
|       | Total      | 17.733         | 14 |             |      |                   |

a. Predictors: (Constant), LUASDAUN

b. Dependent Variable: JUMLAHMP

**Coefficients<sup>a</sup>**

| Model |            | Unstandardized Coefficients |            | Standardized Coefficients | T    | Sig. |
|-------|------------|-----------------------------|------------|---------------------------|------|------|
|       |            | B                           | Std. Error | Beta                      |      |      |
| 1     | (Constant) | 1.226                       | 1.328      |                           | .923 | .373 |
|       | LUASDAUN   | .019                        | .100       | .052                      | .186 | .855 |

a. Dependent Variable: JUMLAHMP



Lampiran 15. Lanjutan

c. *Cymodocea rotundata*

**Model Summary**

| Model | R                 | R Square | Adjusted R Square | Std. Error of the Estimate |
|-------|-------------------|----------|-------------------|----------------------------|
| 1     | .061 <sup>a</sup> | .004     | -.073             | .86365                     |

a. Predictors: (Constant), LUASDAUN

**ANOVA<sup>b</sup>**

| Model |            | Sum of Squares | df | Mean Square | F    | Sig.              |
|-------|------------|----------------|----|-------------|------|-------------------|
| 1     | Regression | .037           | 1  | .037        | .049 | .828 <sup>a</sup> |
|       | Residual   | 9.697          | 13 | .746        |      |                   |
|       | Total      | 9.733          | 14 |             |      |                   |

a. Predictors: (Constant), LUASDAUN

b. Dependent Variable: JUMLAHMP

**Coefficients<sup>a</sup>**

| Model |            | Unstandardized Coefficients |            | Standardized Coefficients | t     | Sig. |
|-------|------------|-----------------------------|------------|---------------------------|-------|------|
|       |            | B                           | Std. Error | Beta                      |       |      |
| 1     | (Constant) | 1.336                       | .916       |                           | 1.459 | .168 |
|       | LUASDAUN   | .034                        | .154       | .061                      | .222  | .828 |

a. Dependent Variable: JUMLAHMP



Lampiran 16. Hasil uji Regresi tutupan lamun dengan kelimpahan mikroplastik pada lamun *Enhalus acoroides*, *Thalassia hemprichii* dan *Cymodocea rotundata*

a. *Enhalus acoroides*

| Model | R                 | R Square | Adjusted R Square | Std. Error of the Estimate |
|-------|-------------------|----------|-------------------|----------------------------|
| 1     | .927 <sup>a</sup> | .860     | .719              | .04445                     |

a. Predictors: (Constant), TUTUPANLAMUN

ANOVA<sup>b</sup>

| Model |            | Sum of Squares | Df | Mean Square | F     | Sig.              |
|-------|------------|----------------|----|-------------|-------|-------------------|
| 1     | Regression | .012           | 1  | .012        | 6.119 | .245 <sup>a</sup> |
|       | Residual   | .002           | 1  | .002        |       |                   |
|       | Total      | .014           | 2  |             |       |                   |

a. Predictors: (Constant), TUTUPANLAMUN

b. Dependent Variable: KELIMPAHANMP

Coefficients<sup>a</sup>

| Model |              | Unstandardized Coefficients |            | Standardized Coefficients | T      | Sig. |
|-------|--------------|-----------------------------|------------|---------------------------|--------|------|
|       |              | B                           | Std. Error | Beta                      |        |      |
| 1     | (Constant)   | .666                        | .213       |                           | 3.130  | .197 |
|       | TUTUPANLAMUN | -.024                       | .010       | -.927                     | -2.474 | .245 |

a. Dependent Variable: KELIMPAHANMP



Lampiran 16. Lanjutan

b. *Thalassia hemprichii*

**Model Summary**

| Model | R                 | R Square | Adjusted R Square | Std. Error of the Estimate |
|-------|-------------------|----------|-------------------|----------------------------|
| 1     | .073 <sup>a</sup> | .005     | -.989             | .08473                     |

a. Predictors: (Constant), TUTUPANLAMUN

**ANOVA<sup>b</sup>**

| Model |            | Sum of Squares | df | Mean Square | F    | Sig.              |
|-------|------------|----------------|----|-------------|------|-------------------|
| 1     | Regression | .000           | 1  | .000        | .005 | .954 <sup>a</sup> |
|       | Residual   | .007           | 1  | .007        |      |                   |
|       | Total      | .007           | 2  |             |      |                   |

a. Predictors: (Constant), TUTUPANLAMUN

b. Dependent Variable: KELIMPAHANMP

**Coefficients<sup>a</sup>**

| Model |              | Unstandardized Coefficients |            | Standardized Coefficients | t    | Sig. |
|-------|--------------|-----------------------------|------------|---------------------------|------|------|
|       |              | B                           | Std. Error | Beta                      |      |      |
| 1     | (Constant)   | .220                        | .250       |                           | .883 | .539 |
|       | TUTUPANLAMUN | .001                        | .013       | .073                      | .073 | .954 |

a. Dependent Variable: KELIMPAHANMP

**Coefficients<sup>a</sup>**

| Model |              | Unstandardized Coefficients |            | Standardized Coefficients | t     | Sig. |
|-------|--------------|-----------------------------|------------|---------------------------|-------|------|
|       |              | B                           | Std. Error | Beta                      |       |      |
|       | (Constant)   | .449                        | .073       |                           | 6.110 | .103 |
|       | TUTUPANLAMUN | .005                        | .003       | .859                      | 1.681 | .342 |

Dependent Variable: KELIMPAHANMP



Lampiran 16. Lanjutan

c. *Cymodocea rotundata*

**Model Summary**

| Model | R                 | R Square | Adjusted R Square | Std. Error of the Estimate |
|-------|-------------------|----------|-------------------|----------------------------|
| 1     | .859 <sup>a</sup> | .739     | .477              | .04814                     |

a. Predictors: (Constant), TUTUPANLAMUN

**ANOVA<sup>b</sup>**

| Model |            | Sum of Squares | df | Mean Square | F     | Sig.              |
|-------|------------|----------------|----|-------------|-------|-------------------|
| 1     | Regression | .007           | 1  | .007        | 2.826 | .342 <sup>a</sup> |
|       | Residual   | .002           | 1  | .002        |       |                   |
|       | Total      | .009           | 2  |             |       |                   |

a. Predictors: (Constant), TUTUPANLAMUN

b. Dependent Variable: KELIMPAHANMP

**Coefficients<sup>a</sup>**

| Model |              | Unstandardized Coefficients |            | Standardized Coefficients | t     | Sig. |
|-------|--------------|-----------------------------|------------|---------------------------|-------|------|
|       |              | B                           | Std. Error | Beta                      |       |      |
| 1     | (Constant)   | .449                        | .073       |                           | 6.110 | .103 |
|       | TUTUPANLAMUN | .005                        | .003       | .859                      | 1.681 | .342 |

a. Dependent Variable: KELIMPAHANMP



