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**APPENDIX F**  
**POLLUTANT LOAD CONTRIBUTION**  
**FROM STATE ROADS**

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**Table F.1 Northern Beaches Catchment - State (RTA) Road Areas**

Source: RTA, 1999

\* **Note:** If a Roadway forms the catchment boundary, then half of the LENGTH of the road is assigned to each catchment

| Subcatchment Name       | Road Name                       | Local Government | Length<br>(m) | Width<br>(Assume 25m) | Road Area<br>(ha) |
|-------------------------|---------------------------------|------------------|---------------|-----------------------|-------------------|
| <b>North Harbour</b>    |                                 |                  |               |                       |                   |
|                         | Burnt Bridge Creek Deviation    | MC               | 0             | 25                    | 0.00              |
|                         | Sydney Road                     | MC               | 400           | 25                    | 1.00              |
|                         | Pittwater Road                  | MC               | 100           | 25                    | 0.25              |
|                         |                                 |                  |               | <b>Total=</b>         | <b>1.25</b>       |
| <b>Manly Lagoon</b>     |                                 |                  |               |                       |                   |
|                         | Burnt Bridge Creek Deviation    | MC               | 700           | 25                    | 1.75              |
|                         | Pittwater Road                  | MC               | 700           | 25                    | 1.75              |
|                         | Sydney Road                     | MC               | 2,150         | 25                    | 5.38              |
|                         | Wakehurst Parkway               | MC               | 2,250         | 25                    | 5.63              |
|                         |                                 |                  |               | <b>Subtotal=</b>      | <b>14.50</b>      |
|                         | Pittwater Road                  | WC               | 2,650         | 25                    | 6.63              |
|                         | Burnt Bridge Creek Deviation    | WC               | 1,500         | 25                    | 3.75              |
|                         | Condamine Street                | WC               | 2,100         | 25                    | 5.25              |
|                         | Wakehurst Parkway               | WC               | 2,200         | 25                    | 5.50              |
|                         | Warringah Road                  | WC               | 950           | 25                    | 2.38              |
|                         |                                 |                  |               | <b>Subtotal=</b>      | <b>23.50</b>      |
|                         |                                 |                  |               | <b>Total=</b>         | <b>38.00</b>      |
| <b>Curl Curl Lagoon</b> |                                 |                  |               |                       |                   |
|                         | Pittwater Road                  | WC               | 1,200         | 25                    | 3.00              |
|                         | Warringah Road                  | WC               | 900           | 25                    | 2.25              |
|                         |                                 |                  |               | <b>Total=</b>         | <b>5.25</b>       |
| <b>Dee Why Lagoon</b>   |                                 |                  |               |                       |                   |
|                         | Pittwater Road                  | WC               | 3,000         | 25                    | 7.50              |
|                         | Warringah Road                  | WC               | 900           | 25                    | 2.25              |
|                         |                                 |                  |               | <b>Total=</b>         | <b>9.75</b>       |
| <b>Narrabeen Lagoon</b> |                                 |                  |               |                       |                   |
|                         | Pittwater Road                  | WC               | 900           | 25                    | 2.25              |
|                         | Warringah Road                  | WC               | 2,400         | 25                    | 6.00              |
|                         | Wakehurst Parkway               | WC               | 7,800         | 25                    | 19.50             |
|                         | Forest Way                      | WC               | 3,000         | 25                    | 7.50              |
|                         | Mona Vale Road                  | WC               | 2,900         | 25                    | 7.25              |
|                         |                                 |                  |               | <b>Subtotal=</b>      | <b>42.50</b>      |
|                         | Pittwater Road                  | PC               | 2,500         | 25                    | 6.25              |
|                         | Wakehurst Parkway               | PC               | 2,100         | 25                    | 5.25              |
|                         | Mona Vale Road                  | PC               | 3,900         | 25                    | 9.75              |
|                         |                                 |                  |               | <b>Subtotal=</b>      | <b>21.25</b>      |
|                         |                                 |                  |               | <b>Total=</b>         | <b>63.75</b>      |
| <b>Ocean Beaches</b>    |                                 |                  |               |                       |                   |
|                         | Pittwater Council (Manly Beach) | MC               | 1,150         | 25                    | 2.88              |
|                         | Sydney Road                     | MC               | 600           | 25                    | 1.50              |
|                         |                                 |                  |               | <b>Subtotal=</b>      | <b>4.38</b>       |
|                         | Pittwater Road (Collaroy Beach) | PC               | 2,800         | 25                    | 7.00              |
|                         |                                 |                  |               | <b>Subtotal=</b>      | <b>7.00</b>       |
|                         |                                 |                  |               | <b>Total=</b>         | <b>9.88</b>       |

**Table F.2 Percentage of Pollutant Contribution From State (RTA) Roads**

| Catchment        | FC       | SS       | TP       | TN       | O&G      | Pb        |
|------------------|----------|----------|----------|----------|----------|-----------|
| Narrabeen Lagoon | 0        | 4        | 4        | 5        | 9        | 23        |
| Dee Why Lagoon   | 0        | 5        | 4        | 3        | 4        | 14        |
| Curl Curl Lagoon | 0        | 3        | 3        | 2        | 3        | 10        |
| Manly Lagoon     | 0        | 7        | 6        | 5        | 6        | 19        |
| North Harbour    | 0        | 1        | 1        | 1        | 1        | 4         |
| Ocean Beaches    | 0        | 5        | 5        | 4        | 5        | 18        |
| <b>Totals</b>    | <b>0</b> | <b>4</b> | <b>5</b> | <b>4</b> | <b>6</b> | <b>19</b> |

**Table F.3 Possible Funding Allocation Percentages for RTA by Catchment**

*(The values below are intended as the funding that the RTA should provide, as a percentage of the total funding for each treatment measure).*

**Potential Treatment Measure Type**

| Contributing Pollutants | GPTs /<br>Sed Basins   | Wetlands                    | Oil & Grease<br>Separation /<br>Floating Booms |
|-------------------------|--|-----------------------------|--|
|                         | (SS)   | Average of<br>(TP, TN & Pb) | (O&G)  |
| <b>Catchment</b>        | <b>Possible RTA Funding Allocation<br/>(Percentage of Total Funding)</b> |                             |  |
| Narrabeen Lagoon        | 4  | 11                          | 9  |
| Dee Why Lagoon          | 5  | 7                           | 4  |
| Curl Curl Lagoon        | 3  | 5                           | 3  |
| Manly Lagoon            | 7  | 10                          | 6  |
| North Harbour           | 1  | 2                           | 1  |
| Ocean Beaches           | 5  | 9                           | 5  |
| <b>Totals</b>           | <b>4</b>   | <b>9</b>                    | <b>6</b>                                       |