

A scenic photograph of a sunset over a large body of water. The sun is low on the horizon, creating a bright orange and yellow glow that reflects on the water's surface. The sky is filled with dark, dramatic clouds. In the foreground, several kayakers are visible on the water, their silhouettes against the bright light. The background shows distant landmasses under the twilight sky.

**BIKE COUNT  
TAMAKI DRIVE  
MID WINTER 2012**  
\*morning peak

**DATA, BY DAY**



**MANUAL CYCLE COUNT - TAMAKI DRIVE - (SITE 10) - MID WINTER - MORNING PEAK**

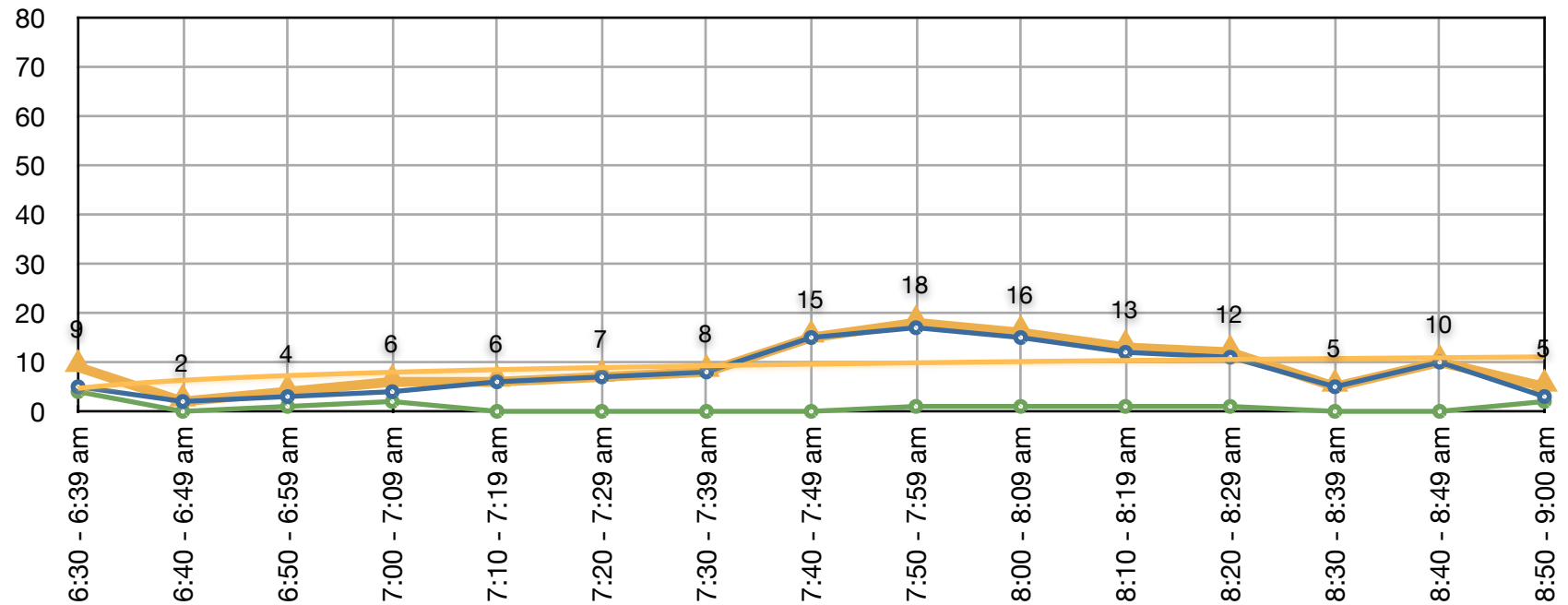
|                       |                     | WESTBOUND Heading towards city |                  |                  | EASTBOUND Heading towards Eastern Suburbs |                  |                  |            |            |
|-----------------------|---------------------|--------------------------------|------------------|------------------|---|------------------|------------------|------------|------------|
|                       |                     | Road                           | Bikepath (north) | Footpath (south) | Road                                      | Bikepath (north) | Footpath (south) | SUBTOTAL   | TOTAL      |
| <b>6:30 - 6:39 am</b> | Commuters           | 3                              | 2                |                  |   |                  |                  | 5          |            |
|                       | Recreational        | 3                              |                  |                  | 1   |                  |                  | 4          | <b>9</b>   |
| <b>6:40 - 6:49 am</b> | Commuters           | 2                              |                  |                  |   |                  |                  | 2          |            |
|                       | Recreational        |                                |                  |                  |   |                  |                  | 0          | <b>2</b>   |
| <b>6:50 - 6:59 am</b> | Commuters           | 2                              |                  | 1                |   |                  |                  | 3          |            |
|                       | Recreational        | 1                              |                  |                  |   |                  |                  | 1          | <b>4</b>   |
| <b>7:00 - 7:09 am</b> | Commuters           | 4                              |                  |                  |   |                  |                  | 4          |            |
|                       | Recreational        | 2                              |                  |                  |   |                  |                  | 2          | <b>6</b>   |
| <b>7:10 - 7:19 am</b> | Commuters           | 2                              | 2                | 2                |   |                  |                  | 6          |            |
|                       | Recreational        |                                |                  |                  |   |                  |                  | 0          | <b>6</b>   |
| <b>7:20 - 7:29 am</b> | Commuters           | 1                              | 5                | 1                |   |                  |                  | 7          |            |
|                       | Recreational        |                                |                  |                  |   |                  |                  | 0          | <b>7</b>   |
| <b>7:30 - 7:39 am</b> | Commuters           | 3                              | 5                |                  |   |                  |                  | 8          |            |
|                       | Recreational        |                                |                  |                  |   |                  |                  | 0          | <b>8</b>   |
| <b>7:40 - 7:49 am</b> | Commuters           | 5                              | 10               |                  |   |                  |                  | 15         |            |
|                       | Recreational        |                                |                  |                  |   |                  |                  | 0          | <b>15</b>  |
| <b>7:50 - 7:59 am</b> | Commuters           | 5                              | 8                | 2                |   | 2                |                  | 17         |            |
|                       | Recreational        | 1                              |                  |                  |   |                  |                  | 1          | <b>18</b>  |
| <b>8:00 - 8:09 am</b> | Commuters           | 7                              | 8                |                  |   |                  |                  | 15         |            |
|                       | Recreational        | 1                              |                  |                  |   |                  |                  | 1          | <b>16</b>  |
| <b>8:10 - 8:19 am</b> | Commuters           | 2                              | 9                | 1                |   |                  |                  | 12         |            |
|                       | Recreational        |                                |                  |                  | 1   |                  |                  | 1          | <b>13</b>  |
| <b>8:20 - 8:29 am</b> | Commuters           | 3                              | 4                | 1                | 2   | 1                |                  | 11         |            |
|                       | Recreational        |                                |                  |                  | 1   |                  |                  | 1          | <b>12</b>  |
| <b>8:30 - 8:39 am</b> | Commuters           | 1                              | 3                | 1                |   |                  |                  | 5          |            |
|                       | Recreational        |                                |                  |                  |   |                  |                  | 0          | <b>5</b>   |
| <b>8:40 - 8:49 am</b> | Commuters           | 5                              | 4                |                  |   |                  | 1                | 10         |            |
|                       | Recreational        |                                |                  |                  |   |                  |                  | 0          | <b>10</b>  |
| <b>8:50 - 9:00 am</b> | Commuters           | 2                              | 1                |                  |   |                  |                  | 3          |            |
|                       | Recreational        | 1                              | 1                |                  |   |                  |                  | 2          | <b>5</b>   |
| <b>TOTAL</b>          |                     | <b>56</b>                      | <b>62</b>        | <b>9</b>         | <b>5</b>                                  | <b>3</b>         | <b>1</b>         | <b>136</b> | <b>136</b> |
|                       | <b>Commuters</b>    | <b>47</b>                      | <b>61</b>        | <b>9</b>         | <b>2</b>                                  | <b>3</b>         | <b>1</b>         | <b>123</b> |            |
|                       | <b>Recreational</b> | <b>9</b>                       | <b>1</b>         | <b>0</b>         | <b>3</b>                                  | <b>0</b>         | <b>0</b>         | <b>13</b>  |            |

**MANUAL CYCLE COUNT - TAMAKI DRIVE - (SITE 10) - MID WINTER - MORNING PEAK**

| <b>Date: Monday 30 July, 2012</b> |                            |                    | <i>Weather: 11°C, fine, wet roads, fresh nor-easterly, sun up 7:20 am</i> |              |                    |                  |            |
|-----------------------------------|----------------------------|--------------------|---|--------------|--------------------|------------------|------------|
| WESTBOUND Heading towards city    |                            |                    | EASTBOUND Heading towards Eastern Suburbs                                 |              |                    |                  |            |
|                                   | Road                       | Bikepath (north)   | Footpath (south)  | Road         | Bikepath (north)   | Footpath (south) | TOTAL      |
| <b>TOTAL</b>                      | <b>56</b>                  | <b>62</b>          | <b>9</b>  | <b>5</b>     | <b>3</b>           | <b>1</b>         | <b>136</b> |
|                                   | Total commuters            |                    | 123   | 90.4%        |                    |                  |            |
|                                   | Total recreational         |                    | 13  | 9.6%         |                    |                  |            |
|                                   | Westbound                  |                    | 127   | 93.4%        |                    |                  |            |
|                                   | Eastbound                  |                    | 9   | 6.6%         |                    |                  |            |
|                                   | Total on road              |                    | 61  | 44.9%        |                    |                  |            |
|                                   | Total on bike path         |                    | 65  | 47.8%        |                    |                  |            |
|                                   | Total on southern footpath |                    | 10  | 7.4%         |                    |                  |            |
|                                   | Average flow               |                    |   | 0.91         | bikes every minute |                  |            |
|                                   | Hourly cycle volume        |                    |   | 54.4         | bikes per hour     |                  |            |
|                                   | AADT                       | total Monday       | 136 x 3.06  | <b>416</b>   |                    |                  |            |
|                                   |                            |                    | Manual Count  | <b>AADT</b>  |                    |                  |            |
|                                   | Sunday                     | <b>August 2012</b> | <b>327</b>  | <b>1,001</b> |                    |                  |            |
|                                   | Saturday                   | <b>July 2012</b>   | <b>495</b>  | <b>1,515</b> |                    |                  |            |
|                                   | Friday                     | <b>July 2012</b>   | <b>442</b>  | <b>1,353</b> |                    |                  |            |
|                                   | Thursday                   | <b>July 2012</b>   | <b>374</b>  | <b>1,144</b> |                    |                  |            |
|                                   | Wednesday                  | <b>July 2012</b>   | <b>299</b>  | <b>915</b>   |                    |                  |            |
|                                   | Tuesday                    | <b>July 2012</b>   | <b>444</b>  | <b>1,359</b> |                    |                  |            |
|                                   | Monday                     | <b>July 2012</b>   | <b>136</b>  | <b>416</b>   | AADT total week    | 7,703            |            |
|                                   |                            | March 2011         | 630   | 1,555        |                    |                  |            |
|                                   |                            | March 2010         | 498   | 1,365        |                    |                  |            |
|                                   |                            | March 2009         | 321   | 886          |                    |                  |            |
|                                   |                            | <b>Sept 2008</b>   | <b>386</b>  | <b>1,182</b> |                    |                  |            |
|                                   |                            | March 2008         | 416   | 1,146        |                    |                  |            |
|                                   |                            | March 2007         | 480   | 1,313        |                    |                  |            |

MANUAL CYCLE COUNT - TAMAKI DRIVE - (SITE 10) - MID WINTER - MORNING PEAK

| Monday 30 July, 2012 | Commuters  | Recreational | TOTAL      |
|----------------------|------------|--------------|------------|
| 6:30 - 6:39 am       | 5          | 4            | 9          |
| 6:40 - 6:49 am       | 2          | 0            | 2          |
| 6:50 - 6:59 am       | 3          | 1            | 4          |
| 7:00 - 7:09 am       | 4          | 2            | 6          |
| 7:10 - 7:19 am       | 6          | 0            | 6          |
| 7:20 - 7:29 am       | 7          | 0            | 7          |
| 7:30 - 7:39 am       | 8          | 0            | 8          |
| 7:40 - 7:49 am       | 15         | 0            | 15         |
| 7:50 - 7:59 am       | 17         | 1            | 18         |
| 8:00 - 8:09 am       | 15         | 1            | 16         |
| 8:10 - 8:19 am       | 12         | 1            | 13         |
| 8:20 - 8:29 am       | 11         | 1            | 12         |
| 8:30 - 8:39 am       | 5          | 0            | 5          |
| 8:40 - 8:49 am       | 10         | 0            | 10         |
| 8:50 - 9:00 am       | 3          | 2            | 5          |
| <b>subtotals</b>     | <b>123</b> | <b>13</b>    | <b>136</b> |





**MANUAL CYCLE COUNT - TAMAKI DRIVE - (SITE 10) - MID WINTER - MORNING PEAK**

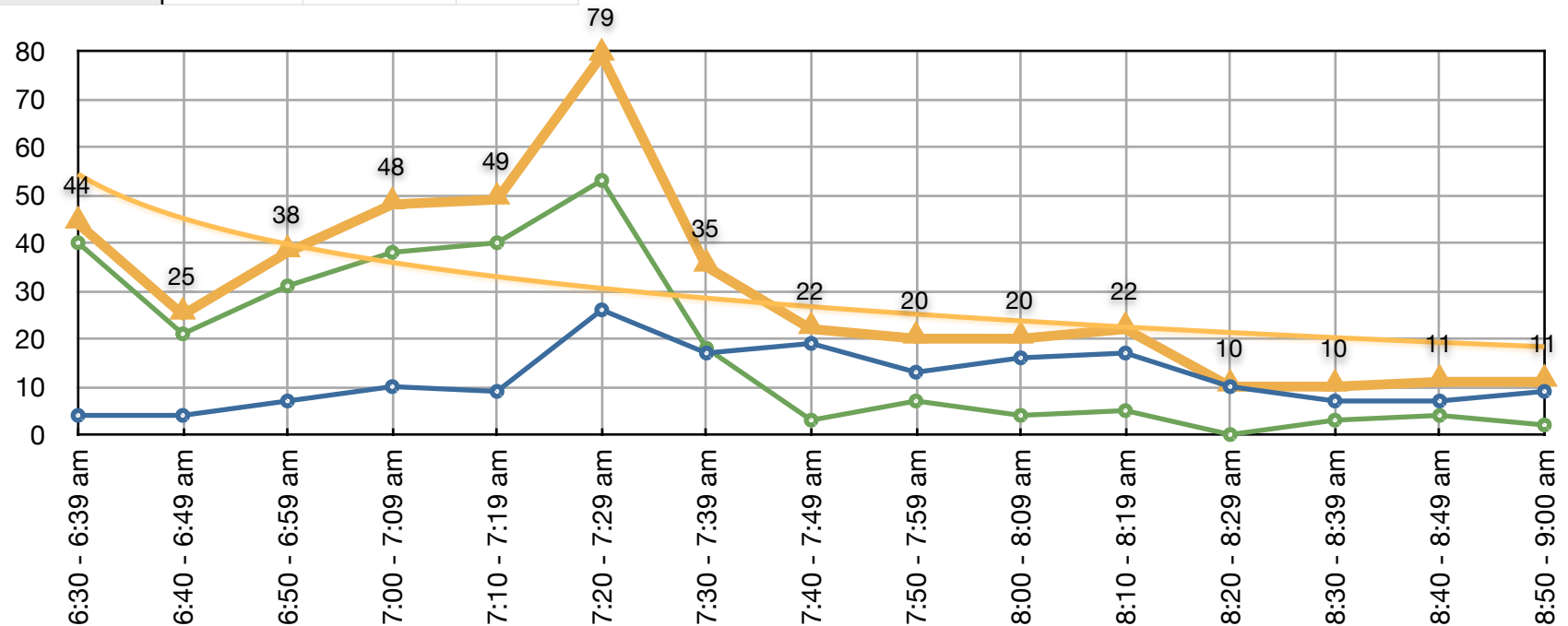
|                                    |                     | WESTBOUND Heading towards city                           |                  |                  | EASTBOUND Heading towards Eastern Suburbs |                  |                  |            |            |
|------------------------------------|---------------------|--|------------------|------------------|---|------------------|------------------|------------|------------|
|                                    |                     | Road   | Bikepath (north) | Footpath (south) | Road                                      | Bikepath (north) | Footpath (south) | SUBTOTAL   | TOTAL      |
| <b>Date: Tuesday 31 July, 2012</b> |                     | <i>Weather: 4-11°C, fine, dry, still, sun up 7:20 am</i> |                  |                  |   |                  |                  |            |            |
|                                    |                     | WESTBOUND Heading towards city                           |                  |                  | EASTBOUND Heading towards Eastern Suburbs |                  |                  |            |            |
|                                    |                     | Road   | Bikepath (north) | Footpath (south) | Road                                      | Bikepath (north) | Footpath (south) | SUBTOTAL   | TOTAL      |
| <b>6:30 - 6:39 am</b>              | Commuters           | 1  |                  |                  | 3   |                  |                  | 4          |            |
|                                    | Recreational        | 17   |                  |                  | 23  |                  |                  | 40         | <b>44</b>  |
| <b>6:40 - 6:49 am</b>              | Commuters           | 3  | 1                |                  |   |                  |                  | 4          |            |
|                                    | Recreational        | 13   |                  |                  | 8   |                  |                  | 21         | <b>25</b>  |
| <b>6:50 - 6:59 am</b>              | Commuters           | 5  |                  | 1                | 1   |                  |                  | 7          |            |
|                                    | Recreational        | 29   |                  |                  | 2   |                  |                  | 31         | <b>38</b>  |
| <b>7:00 - 7:09 am</b>              | Commuters           | 7  | 2                |                  | 1   |                  |                  | 10         |            |
|                                    | Recreational        | 34   |                  |                  | 4   |                  |                  | 38         | <b>48</b>  |
| <b>7:10 - 7:19 am</b>              | Commuters           | 4  | 5                |                  |   |                  |                  | 9          |            |
|                                    | Recreational        | 36   |                  |                  | 3   | 1                |                  | 40         | <b>49</b>  |
| <b>7:20 - 7:29 am</b>              | Commuters           | 17   | 9                |                  |   |                  |                  | 26         |            |
|                                    | Recreational        | 50   |                  |                  | 3   |                  |                  | 53         | <b>79</b>  |
| <b>7:30 - 7:39 am</b>              | Commuters           | 13   | 4                |                  |   |                  |                  | 17         |            |
|                                    | Recreational        | 17   |                  |                  | 1   |                  |                  | 18         | <b>35</b>  |
| <b>7:40 - 7:49 am</b>              | Commuters           | 9  | 10               |                  |   |                  |                  | 19         |            |
|                                    | Recreational        | 1  |                  |                  | 2   |                  |                  | 3          | <b>22</b>  |
| <b>7:50 - 7:59 am</b>              | Commuters           | 5  | 6                | 1                |   | 1                |                  | 13         |            |
|                                    | Recreational        | 5  |                  |                  |   | 2                |                  | 7          | <b>20</b>  |
| <b>8:00 - 8:09 am</b>              | Commuters           | 5  | 10               | 1                |   |                  |                  | 16         |            |
|                                    | Recreational        | 1  |                  |                  | 3   |                  |                  | 4          | <b>20</b>  |
| <b>8:10 - 8:19 am</b>              | Commuters           | 6  | 8                | 3                |   |                  |                  | 17         |            |
|                                    | Recreational        | 2  |                  |                  | 3   |                  |                  | 5          | <b>22</b>  |
| <b>8:20 - 8:29 am</b>              | Commuters           | 3  | 6                |                  |   | 1                |                  | 10         |            |
|                                    | Recreational        |  |                  |                  |   |                  |                  | 0          | <b>10</b>  |
| <b>8:30 - 8:39 am</b>              | Commuters           | 4  | 2                | 1                |   |                  |                  | 7          |            |
|                                    | Recreational        | 2  |                  |                  | 1   |                  |                  | 3          | <b>10</b>  |
| <b>8:40 - 8:49 am</b>              | Commuters           | 1  | 4                | 1                | 1   |                  |                  | 7          |            |
|                                    | Recreational        | 2  |                  |                  | 1   | 1                |                  | 4          | <b>11</b>  |
| <b>8:50 - 9:00 am</b>              | Commuters           | 5  | 3                | 1                |   |                  |                  | 9          |            |
|                                    | Recreational        | 1  | 1                |                  |   |                  |                  | 2          | <b>11</b>  |
| <b>TOTAL</b>                       |                     | <b>298</b>   | <b>71</b>        | <b>9</b>         | <b>60</b>                                 | <b>6</b>         | <b>0</b>         | <b>444</b> | <b>444</b> |
|                                    | <b>Commuters</b>    | <b>88</b>  | <b>70</b>        | <b>9</b>         | <b>6</b>                                  | <b>2</b>         | <b>0</b>         | <b>175</b> |            |
|                                    | <b>Recreational</b> | <b>210</b>   | <b>1</b>         | <b>0</b>         | <b>54</b>                                 | <b>4</b>         | <b>0</b>         | <b>269</b> |            |

**MANUAL CYCLE COUNT - TAMAKI DRIVE - (SITE 10) - MID WINTER - MORNING PEAK**

| <b>Date: Tuesday 31 July, 2012</b> |                            | <i>Weather: 4-11°C, fine, dry, still, sun up 7:20 am</i> |   |              |                    |                  |            |
|------------------------------------|----------------------------|--|---|--------------|--------------------|------------------|------------|
| WESTBOUND Heading towards city     |                            |  | EASTBOUND Heading towards Eastern Suburbs |              |                    |                  |            |
|                                    | Road                       | Bikepath (north)   | Footpath (south)                          | Road         | Bikepath (north)   | Footpath (south) | TOTAL      |
| <b>TOTAL</b>                       | <b>298</b>                 | <b>71</b>  | <b>9</b>                                  | <b>60</b>    | <b>6</b>           | <b>0</b>         | <b>444</b> |
|                                    | Total commuters            |  | 175                                       | 39.4%        |                    |                  |            |
|                                    | Total recreational         |  | 269                                       | 60.6%        |                    |                  |            |
|                                    | Westbound                  |  | 378                                       | 85.1%        |                    |                  |            |
|                                    | Eastbound                  |  | 66  | 14.9%        |                    |                  |            |
|                                    | Total on road              |  | 358                                       | 80.6%        |                    |                  |            |
|                                    | Total on bike path         |  | 77  | 17.3%        |                    |                  |            |
|                                    | Total on southern footpath |  | 9   | 2.0%         |                    |                  |            |
|                                    | Average flow               |  |   | 2.96         | bikes every minute |                  |            |
|                                    | Hourly cycle volume        |  |   | 177.6        | bikes per hour     |                  |            |
|                                    | AADT                       | total Tuesday  | 444 x 3.06                                | <b>1,359</b> |                    |                  |            |
|                                    |                            |  | Manual Count                              | <b>AADT</b>  |                    |                  |            |
|                                    | Sunday                     | <b>August 2012</b>                                       | <b>327</b>                                | <b>1,001</b> |                    |                  |            |
|                                    | Saturday                   | <b>July 2012</b>   | <b>495</b>                                | <b>1,515</b> |                    |                  |            |
|                                    | Friday                     | <b>July 2012</b>   | <b>442</b>                                | <b>1,353</b> |                    |                  |            |
|                                    | Thursday                   | <b>July 2012</b>   | <b>374</b>                                | <b>1,144</b> |                    |                  |            |
|                                    | Wednesday                  | <b>July 2012</b>   | <b>299</b>                                | <b>915</b>   |                    |                  |            |
|                                    | Tuesday                    | <b>July 2012</b>   | <b>444</b>                                | <b>1,359</b> |                    |                  |            |
|                                    | Monday                     | <b>July 2012</b>   | <b>136</b>                                | <b>416</b>   | AADT total week    | 7,703            |            |
|                                    |                            | March 2011   | 630                                       | 1,555        |                    |                  |            |
|                                    |                            | March 2010   | 498                                       | 1,365        |                    |                  |            |
|                                    |                            | March 2009   | 321                                       | 886          |                    |                  |            |
|                                    |                            | <b>Sept 2008</b>   | <b>386</b>                                | <b>1,182</b> |                    |                  |            |
|                                    |                            | March 2008   | 416                                       | 1,146        |                    |                  |            |
|                                    |                            | March 2007   | 480                                       | 1,313        |                    |                  |            |

MANUAL CYCLE COUNT - TAMAKI DRIVE - (SITE 10) - MID WINTER - MORNING PEAK

| Tuesday 31 July, 2012 | Commuters  | Recreational | TOTAL      |
|-----------------------|------------|--------------|------------|
| 6:30 - 6:39 am        | 4          | 40           | 44         |
| 6:40 - 6:49 am        | 4          | 21           | 25         |
| 6:50 - 6:59 am        | 7          | 31           | 38         |
| 7:00 - 7:09 am        | 10         | 38           | 48         |
| 7:10 - 7:19 am        | 9          | 40           | 49         |
| 7:20 - 7:29 am        | 26         | 53           | 79         |
| 7:30 - 7:39 am        | 17         | 18           | 35         |
| 7:40 - 7:49 am        | 19         | 3            | 22         |
| 7:50 - 7:59 am        | 13         | 7            | 20         |
| 8:00 - 8:09 am        | 16         | 4            | 20         |
| 8:10 - 8:19 am        | 17         | 5            | 22         |
| 8:20 - 8:29 am        | 10         | 0            | 10         |
| 8:30 - 8:39 am        | 7          | 3            | 10         |
| 8:40 - 8:49 am        | 7          | 4            | 11         |
| 8:50 - 9:00 am        | 9          | 2            | 11         |
| <b>subtotals</b>      | <b>175</b> | <b>269</b>   | <b>444</b> |



**MANUAL CYCLE COUNT - TAMAKI DRIVE - (SITE 10) - MID WINTER - MORNING PEAK**

|                       |                     | Date: <b>Wednesday 25 July, 20102</b> |                  |                  | Weather: 13–15°C, light drizzle clearing to fine, still, sun up 7:24 am |                  |                  |            |            |
|-----------------------|---------------------|---------------------------------------|------------------|------------------|---|------------------|------------------|------------|------------|
|                       |                     | WESTBOUND Heading towards city        |                  |                  | EASTBOUND Heading towards Eastern Suburbs                               |                  |                  |            |            |
|                       |                     | Road                                  | Bikepath (north) | Footpath (south) | Road  | Bikepath (north) | Footpath (south) | SUBTOTAL   | TOTAL      |
| <b>6:30 - 6:39 am</b> | Commuters           | 3                                     |                  |                  |   |                  |                  | 3          |            |
|                       | Recreational        | 25                                    |                  |                  | 16  |                  |                  | 41         | <b>44</b>  |
| <b>6:40 - 6:49 am</b> | Commuters           | 6                                     |                  |                  |   |                  |                  | 6          |            |
|                       | Recreational        | 5                                     |                  |                  | 1   |                  |                  | 6          | <b>12</b>  |
| <b>6:50 - 6:59 am</b> | Commuters           | 2                                     | 2                | 2                |   |                  |                  | 6          |            |
|                       | Recreational        | 5                                     |                  |                  | 6   |                  |                  | 11         | <b>17</b>  |
| <b>7:00 - 7:09 am</b> | Commuters           | 6                                     | 1                | 1                | 1   |                  |                  | 9          |            |
|                       | Recreational        | 11                                    |                  |                  | 2   |                  |                  | 13         | <b>22</b>  |
| <b>7:10 - 7:19 am</b> | Commuters           | 3                                     |                  |                  |   |                  |                  | 3          |            |
|                       | Recreational        | 14                                    | 2                |                  | 2   |                  |                  | 18         | <b>21</b>  |
| <b>7:20 - 7:29 am</b> | Commuters           | 13                                    | 11               | 1                |   |                  |                  | 25         |            |
|                       | Recreational        | 4                                     |                  |                  | 1   |                  |                  | 5          | <b>30</b>  |
| <b>7:30 - 7:39 am</b> | Commuters           | 8                                     | 3                | 1                |   |                  |                  | 12         |            |
|                       | Recreational        | 2                                     |                  |                  | 3   |                  |                  | 5          | <b>17</b>  |
| <b>7:40 - 7:49 am</b> | Commuters           | 7                                     | 6                | 1                |   | 1                |                  | 15         |            |
|                       | Recreational        | 5                                     | 1                |                  | 1   |                  |                  | 7          | <b>22</b>  |
| <b>7:50 - 7:59 am</b> | Commuters           | 6                                     | 13               |                  |   | 1                |                  | 20         |            |
|                       | Recreational        | 3                                     |                  |                  |   |                  |                  | 3          | <b>23</b>  |
| <b>8:00 - 8:09 am</b> | Commuters           | 7                                     | 6                | 2                |   | 2                |                  | 17         |            |
|                       | Recreational        | 4                                     |                  |                  | 1   |                  |                  | 5          | <b>22</b>  |
| <b>8:10 - 8:19 am</b> | Commuters           | 4                                     | 9                | 1                | 1   | 1                |                  | 16         |            |
|                       | Recreational        |                                       |                  |                  | 1   |                  |                  | 1          | <b>17</b>  |
| <b>8:20 - 8:29 am</b> | Commuters           | 5                                     | 7                |                  |   | 1                |                  | 13         |            |
|                       | Recreational        |                                       |                  |                  |   | 1                |                  | 1          | <b>14</b>  |
| <b>8:30 - 8:39 am</b> | Commuters           | 2                                     | 6                |                  |   |                  |                  | 8          |            |
|                       | Recreational        | 2                                     | 2                |                  |   |                  |                  | 4          | <b>12</b>  |
| <b>8:40 - 8:49 am</b> | Commuters           | 3                                     | 1                | 1                |   | 1                |                  | 6          |            |
|                       | Recreational        | 3                                     |                  |                  | 3   |                  |                  | 6          | <b>12</b>  |
| <b>8:50 - 9:00 am</b> | Commuters           | 2                                     | 8                |                  | 1   |                  |                  | 11         |            |
|                       | Recreational        | 3                                     |                  |                  |   |                  |                  | 3          | <b>14</b>  |
| <b>TOTAL</b>          |                     | <b>163</b>                            | <b>78</b>        | <b>10</b>        | <b>40</b>   | <b>8</b>         | <b>0</b>         | <b>299</b> | <b>299</b> |
|                       | <b>Commuters</b>    | <b>77</b>                             | <b>73</b>        | <b>10</b>        | <b>3</b>  | <b>7</b>         | <b>0</b>         | <b>170</b> |            |
|                       | <b>Recreational</b> | <b>86</b>                             | <b>5</b>         | <b>0</b>         | <b>37</b>   | <b>1</b>         | <b>0</b>         | <b>129</b> |            |

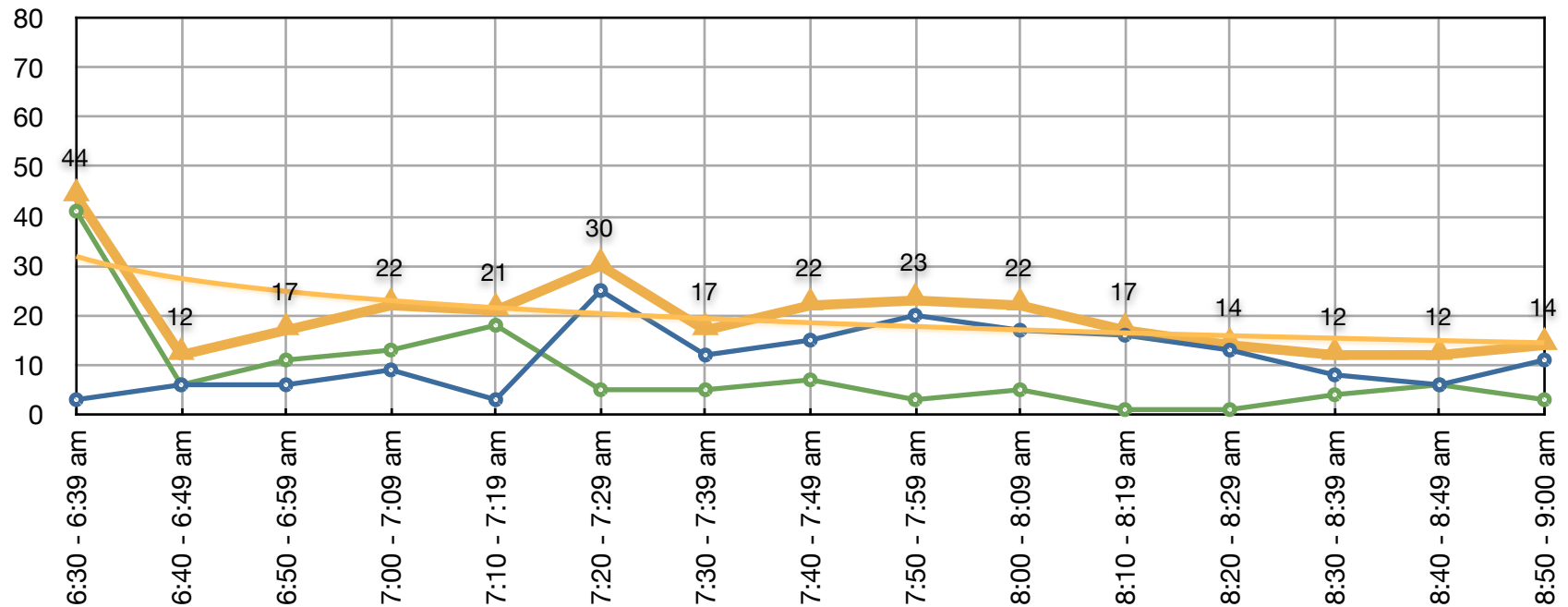


**MANUAL CYCLE COUNT - TAMAKI DRIVE - (SITE 10) - MID WINTER - MORNING PEAK**

| <b>Date: Wednesday 25 July, 20102</b> |                            |                    | <i>Weather:</i> 13–15°C, still, little drizzle clearing to fine, sun up 7:24 am |              |                    |                  |            |
|---------------------------------------|----------------------------|--------------------|---|--------------|--------------------|------------------|------------|
| WESTBOUND Heading towards city        |                            |                    | EASTBOUND Heading towards Eastern Suburbs                                       |              |                    |                  |            |
|                                       | Road                       | Bikepath (north)   | Footpath (south)  | Road         | Bikepath (north)   | Footpath (south) | TOTAL      |
| <b>TOTAL</b>                          | <b>163</b>                 | <b>78</b>          | <b>10</b>   | <b>40</b>    | <b>8</b>           | <b>0</b>         | <b>299</b> |
|                                       | Total commuters            |                    | 170   | 56.9%        |                    |                  |            |
|                                       | Total recreational         |                    | 129   | 43.1%        |                    |                  |            |
|                                       | Westbound                  |                    | 251   | 83.9%        |                    |                  |            |
|                                       | Eastbound                  |                    | 48  | 16.1%        |                    |                  |            |
|                                       | Total on road              |                    | 203   | 67.9%        |                    |                  |            |
|                                       | Total on bike path         |                    | 86  | 28.8%        |                    |                  |            |
|                                       | Total on southern footpath |                    | 10  | 3.3%         |                    |                  |            |
|                                       | Average flow               |                    |   | 2.0          | bikes every minute |                  |            |
|                                       | Hourly cycle volume        |                    |   | 119.6        | bikes per hour     |                  |            |
|                                       | AADT                       | total Wednesday    | 299 x 3.06  | <b>915</b>   |                    |                  |            |
|                                       |                            |                    | Manual Count  | <b>AADT</b>  |                    |                  |            |
|                                       | Sunday                     | <b>August 2012</b> | <b>327</b>  | <b>1,001</b> |                    |                  |            |
|                                       | Saturday                   | <b>July 2012</b>   | <b>495</b>  | <b>1,515</b> |                    |                  |            |
|                                       | Friday                     | <b>July 2012</b>   | <b>442</b>  | <b>1,353</b> |                    |                  |            |
|                                       | Thursday                   | <b>July 2012</b>   | <b>374</b>  | <b>1,144</b> |                    |                  |            |
|                                       | Wednesday                  | <b>July 2012</b>   | <b>299</b>  | <b>915</b>   |                    |                  |            |
|                                       | Tuesday                    | <b>July 2012</b>   | <b>444</b>  | <b>1,359</b> |                    |                  |            |
|                                       | Monday                     | <b>July 2012</b>   | <b>136</b>  | <b>416</b>   | AADT total week    | 7,703            |            |
|                                       |                            | March 2011         | 630   | 1,555        |                    |                  |            |
|                                       |                            | March 2010         | 498   | 1,365        |                    |                  |            |
|                                       |                            | March 2009         | 321   | 886          |                    |                  |            |
|                                       |                            | <b>Sept 2008</b>   | <b>386</b>  | <b>1,182</b> |                    |                  |            |
|                                       |                            | March 2008         | 416   | 1,146        |                    |                  |            |
|                                       |                            | March 2007         | 480   | 1,313        |                    |                  |            |

MANUAL CYCLE COUNT - TAMAKI DRIVE - (SITE 10) - MID WINTER - MORNING PEAK

| Wednesday 25 July, 2012 | Commuters  | Recreational | TOTAL      |
|-------------------------|------------|--------------|------------|
| 6:30 - 6:39 am          | 3          | 41           | 44         |
| 6:40 - 6:49 am          | 6          | 6            | 12         |
| 6:50 - 6:59 am          | 6          | 11           | 17         |
| 7:00 - 7:09 am          | 9          | 13           | 22         |
| 7:10 - 7:19 am          | 3          | 18           | 21         |
| 7:20 - 7:29 am          | 25         | 5            | 30         |
| 7:30 - 7:39 am          | 12         | 5            | 17         |
| 7:40 - 7:49 am          | 15         | 7            | 22         |
| 7:50 - 7:59 am          | 20         | 3            | 23         |
| 8:00 - 8:09 am          | 17         | 5            | 22         |
| 8:10 - 8:19 am          | 16         | 1            | 17         |
| 8:20 - 8:29 am          | 13         | 1            | 14         |
| 8:30 - 8:39 am          | 8          | 4            | 12         |
| 8:40 - 8:49 am          | 6          | 6            | 12         |
| 8:50 - 9:00 am          | 11         | 3            | 14         |
| <b>subtotals</b>        | <b>170</b> | <b>129</b>   | <b>299</b> |



**MANUAL CYCLE COUNT - TAMAKI DRIVE - (SITE 10) - MID WINTER - MORNING PEAK**

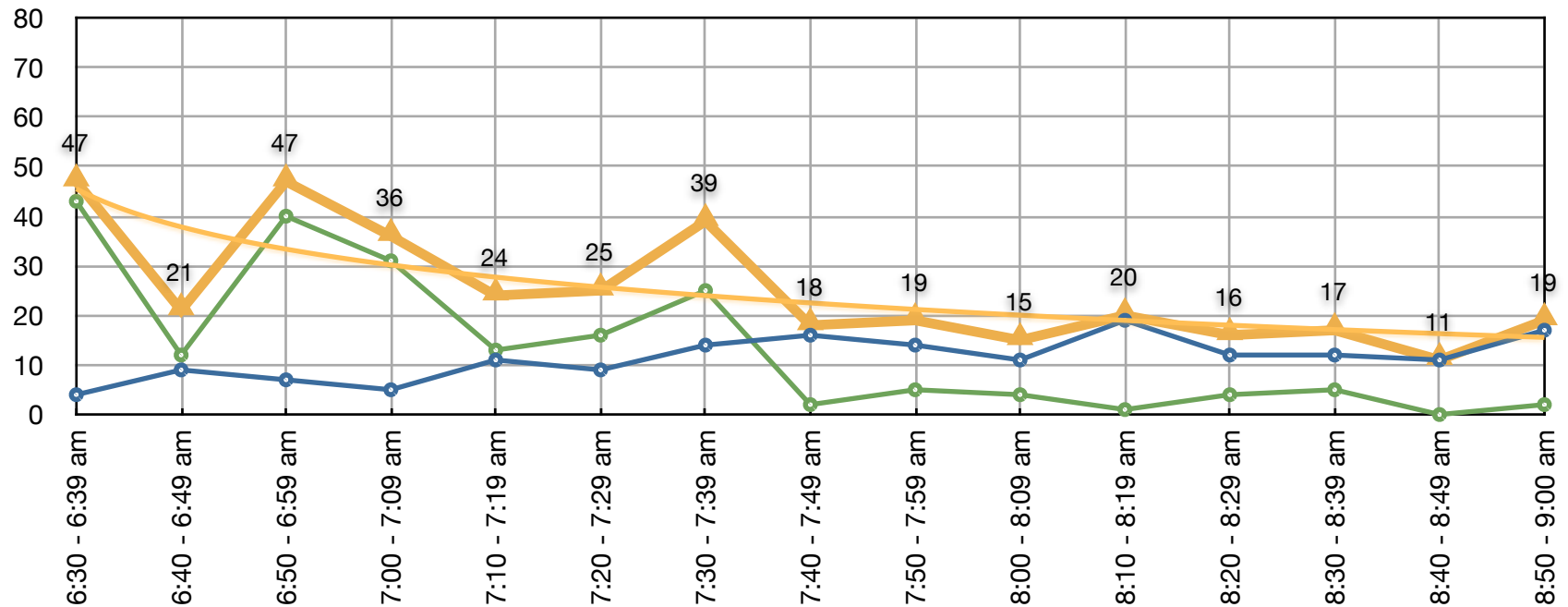
|                       |                     | WESTBOUND Heading towards city |                  |                  | EASTBOUND Heading towards Eastern Suburbs |                  |                  |            |            |
|-----------------------|---------------------|--------------------------------|------------------|------------------|---|------------------|------------------|------------|------------|
|                       |                     | Road                           | Bikepath (north) | Footpath (south) | Road                                      | Bikepath (north) | Footpath (south) | SUBTOTAL   | TOTAL      |
| <b>6:30 - 6:39 am</b> | Commuters           | 3                              |                  |                  | 1   |                  |                  | 4          |            |
|                       | Recreational        | 10                             |                  |                  | 33  |                  |                  | 43         | <b>47</b>  |
| <b>6:40 - 6:49 am</b> | Commuters           | 7                              |                  |                  | 2   |                  |                  | 9          |            |
|                       | Recreational        | 8                              |                  |                  | 4   |                  |                  | 12         | <b>21</b>  |
| <b>6:50 - 6:59 am</b> | Commuters           | 3                              | 3                |                  | 1   |                  |                  | 7          |            |
|                       | Recreational        | 39                             |                  |                  | 1   |                  |                  | 40         | <b>47</b>  |
| <b>7:00 - 7:09 am</b> | Commuters           | 4                              |                  |                  | 1   |                  |                  | 5          |            |
|                       | Recreational        | 29                             |                  |                  | 2   |                  |                  | 31         | <b>36</b>  |
| <b>7:10 - 7:19 am</b> | Commuters           | 9                              | 2                |                  |   |                  |                  | 11         |            |
|                       | Recreational        | 8                              |                  |                  | 3   | 2                |                  | 13         | <b>24</b>  |
| <b>7:20 - 7:29 am</b> | Commuters           | 5                              | 3                | 1                |   |                  |                  | 9          |            |
|                       | Recreational        | 11                             |                  |                  | 5   |                  |                  | 16         | <b>25</b>  |
| <b>7:30 - 7:39 am</b> | Commuters           | 6                              | 5                | 1                | 2   |                  |                  | 14         |            |
|                       | Recreational        | 25                             |                  |                  |   |                  |                  | 25         | <b>39</b>  |
| <b>7:40 - 7:49 am</b> | Commuters           | 8                              | 8                |                  |   |                  |                  | 16         |            |
|                       | Recreational        | 2                              |                  |                  |   |                  |                  | 2          | <b>18</b>  |
| <b>7:50 - 7:59 am</b> | Commuters           | 9                              | 5                |                  |   |                  |                  | 14         |            |
|                       | Recreational        | 1                              | 2                |                  | 2   |                  |                  | 5          | <b>19</b>  |
| <b>8:00 - 8:09 am</b> | Commuters           | 3                              | 6                |                  | 2   |                  |                  | 11         |            |
|                       | Recreational        | 2                              |                  |                  | 2   |                  |                  | 4          | <b>15</b>  |
| <b>8:10 - 8:19 am</b> | Commuters           | 8                              | 8                | 2                |   | 1                |                  | 19         |            |
|                       | Recreational        | 1                              |                  |                  |   |                  |                  | 1          | <b>20</b>  |
| <b>8:20 - 8:29 am</b> | Commuters           | 2                              | 8                | 1                |   | 1                |                  | 12         |            |
|                       | Recreational        | 4                              |                  |                  |   |                  |                  | 4          | <b>16</b>  |
| <b>8:30 - 8:39 am</b> | Commuters           | 6                              | 4                | 1                | 1   |                  |                  | 12         |            |
|                       | Recreational        | 2                              |                  |                  | 3   |                  |                  | 5          | <b>17</b>  |
| <b>8:40 - 8:49 am</b> | Commuters           | 5                              | 4                | 2                |   |                  |                  | 11         |            |
|                       | Recreational        |                                |                  |                  |   |                  |                  | 0          | <b>11</b>  |
| <b>8:50 - 9:00 am</b> | Commuters           | 7                              | 8                |                  | 1   | 1                |                  | 17         |            |
|                       | Recreational        | 2                              |                  |                  |   |                  |                  | 2          | <b>19</b>  |
| <b>TOTAL</b>          |                     | <b>229</b>                     | <b>66</b>        | <b>8</b>         | <b>66</b>                                 | <b>5</b>         | <b>0</b>         | <b>374</b> | <b>374</b> |
|                       | <b>Commuters</b>    | 85                             | 64               | 8                | 11  | 3                | 0                | 171        |            |
|                       | <b>Recreational</b> | 144                            | 2                | 0                | 55  | 2                | 0                | 203        |            |

**MANUAL CYCLE COUNT - TAMAKI DRIVE - (SITE 10) - MID WINTER - MORNING PEAK**

| <b>Date: Thursday 26 July, 2012</b> |                            | <i>Weather:</i> 11–12°C, dry, overcast, light southerly, sun up 7:23 am |   |              |                    |                  |            |
|-------------------------------------|----------------------------|---|---|--------------|--------------------|------------------|------------|
| WESTBOUND Heading towards city      |                            |   | EASTBOUND Heading towards Eastern Suburbs |              |                    |                  |            |
|                                     | Road                       | Bikepath (north)  | Footpath (south)                          | Road         | Bikepath (north)   | Footpath (south) | TOTAL      |
| <b>TOTAL</b>                        | <b>229</b>                 | <b>66</b>   | <b>8</b>                                  | <b>66</b>    | <b>5</b>           | <b>0</b>         | <b>374</b> |
|                                     | Total commuters            |   | 171                                       | 45.7%        |                    |                  |            |
|                                     | Total recreational         |   | 203                                       | 54.3%        |                    |                  |            |
|                                     | Westbound                  |   | 303                                       | 81.0%        |                    |                  |            |
|                                     | Eastbound                  |   | 71  | 19.0%        |                    |                  |            |
|                                     | Total on road              |   | 295                                       | 78.9%        |                    |                  |            |
|                                     | Total on bike path         |   | 71  | 19.0%        |                    |                  |            |
|                                     | Total on southern footpath |   | 8   | 2.1%         |                    |                  |            |
|                                     | Average flow               |   |   | 2.08         | bikes every minute |                  |            |
|                                     | Hourly cycle volume        |   |   | 149.6        | bikes per hour     |                  |            |
|                                     | AADT                       | total Thursday  | 374 x 3.06                                | <b>1,144</b> |                    |                  |            |
|                                     |                            |   | Manual Count                              | <b>AADT</b>  |                    |                  |            |
|                                     | Sunday                     | <b>August 2012</b>  | <b>327</b>                                | <b>1,001</b> |                    |                  |            |
|                                     | Saturday                   | <b>July 2012</b>  | <b>495</b>                                | <b>1,515</b> |                    |                  |            |
|                                     | Friday                     | <b>July 2012</b>  | <b>442</b>                                | <b>1,353</b> |                    |                  |            |
|                                     | Thursday                   | <b>July 2012</b>  | <b>374</b>                                | <b>1,144</b> |                    |                  |            |
|                                     | Wednesday                  | <b>July 2012</b>  | <b>299</b>                                | <b>915</b>   |                    |                  |            |
|                                     | Tuesday                    | <b>July 2012</b>  | <b>444</b>                                | <b>1,359</b> |                    |                  |            |
|                                     | Monday                     | <b>July 2012</b>  | <b>136</b>                                | <b>416</b>   | AADT total week    | 7,703            |            |
|                                     |                            | March 2011  | 630                                       | 1,555        |                    |                  |            |
|                                     |                            | March 2010  | 498                                       | 1,365        |                    |                  |            |
|                                     |                            | March 2009  | 321                                       | 886          |                    |                  |            |
|                                     |                            | <b>Sept 2008</b>  | <b>386</b>                                | <b>1,182</b> |                    |                  |            |
|                                     |                            | March 2008  | 416                                       | 1,146        |                    |                  |            |
|                                     |                            | March 2007  | 480                                       | 1,313        |                    |                  |            |

MANUAL CYCLE COUNT - TAMAKI DRIVE - (SITE 10) - MID WINTER - MORNING PEAK

| Thursday 26 July, 2012 | Commuters  | Recreational | TOTAL      |
|------------------------|------------|--------------|------------|
| 6:30 - 6:39 am         | 4          | 43           | 47         |
| 6:40 - 6:49 am         | 9          | 12           | 21         |
| 6:50 - 6:59 am         | 7          | 40           | 47         |
| 7:00 - 7:09 am         | 5          | 31           | 36         |
| 7:10 - 7:19 am         | 11         | 13           | 24         |
| 7:20 - 7:29 am         | 9          | 16           | 25         |
| 7:30 - 7:39 am         | 14         | 25           | 39         |
| 7:40 - 7:49 am         | 16         | 2            | 18         |
| 7:50 - 7:59 am         | 14         | 5            | 19         |
| 8:00 - 8:09 am         | 11         | 4            | 15         |
| 8:10 - 8:19 am         | 19         | 1            | 20         |
| 8:20 - 8:29 am         | 12         | 4            | 16         |
| 8:30 - 8:39 am         | 12         | 5            | 17         |
| 8:40 - 8:49 am         | 11         | 0            | 11         |
| 8:50 - 9:00 am         | 17         | 2            | 19         |
| <b>subtotals</b>       | <b>171</b> | <b>203</b>   | <b>374</b> |



**MANUAL CYCLE COUNT - TAMAKI DRIVE - (SITE 10) - MID WINTER - MORNING PEAK**

|                                   |                     | WESTBOUND Heading towards city                           |                  |                  | EASTBOUND Heading towards Eastern Suburbs |                  |                  |            |            |
|-----------------------------------|---------------------|--|------------------|------------------|---|------------------|------------------|------------|------------|
|                                   |                     | Road   | Bikepath (north) | Footpath (south) | Road                                      | Bikepath (north) | Footpath (south) | SUBTOTAL   | TOTAL      |
| <b>Date: Friday 27 July, 2012</b> |                     | <i>Weather: 5-11°C, fine, dry, still, sun up 7:22 am</i> |                  |                  |   |                  |                  |            |            |
| <b>6:30 - 6:39 am</b>             | Commuters           | 3  |                  |                  | 1   |                  |                  | 4          |            |
|                                   | Recreational        | 22   |                  |                  | 48  |                  |                  | 70         | <b>74</b>  |
| <b>6:40 - 6:49 am</b>             | Commuters           | 3  |                  | 1                |   |                  |                  | 4          |            |
|                                   | Recreational        | 17   | 1                |                  | 15  | 1                |                  | 34         | <b>38</b>  |
| <b>6:50 - 6:59 am</b>             | Commuters           | 4  |                  |                  | 1   |                  |                  | 5          |            |
|                                   | Recreational        | 30   | 1                |                  | 4   |                  |                  | 35         | <b>40</b>  |
| <b>7:00 - 7:09 am</b>             | Commuters           | 4  |                  |                  | 3   |                  |                  | 7          |            |
|                                   | Recreational        | 58   | 2                |                  | 2   |                  |                  | 62         | <b>69</b>  |
| <b>7:10 - 7:19 am</b>             | Commuters           | 5  |                  |                  |   |                  |                  | 5          |            |
|                                   | Recreational        | 27   | 1                |                  | 1   |                  |                  | 29         | <b>34</b>  |
| <b>7:20 - 7:29 am</b>             | Commuters           | 7  | 7                | 1                |   |                  |                  | 15         |            |
|                                   | Recreational        | 24   |                  |                  | 3   |                  |                  | 27         | <b>42</b>  |
| <b>7:30 - 7:39 am</b>             | Commuters           | 10   | 5                | 1                |   |                  |                  | 16         |            |
|                                   | Recreational        | 2  |                  |                  | 2   |                  |                  | 4          | <b>20</b>  |
| <b>7:40 - 7:49 am</b>             | Commuters           | 6  | 6                |                  | 1   |                  |                  | 13         |            |
|                                   | Recreational        | 2  |                  |                  | 4   |                  |                  | 6          | <b>19</b>  |
| <b>7:50 - 7:59 am</b>             | Commuters           | 2  | 15               |                  |   |                  |                  | 17         |            |
|                                   | Recreational        | 2  |                  |                  | 2   |                  |                  | 4          | <b>21</b>  |
| <b>8:00 - 8:09 am</b>             | Commuters           | 8  | 2                | 1                |   |                  |                  | 11         |            |
|                                   | Recreational        | 6  |                  |                  | 1   |                  |                  | 7          | <b>18</b>  |
| <b>8:10 - 8:19 am</b>             | Commuters           | 3  | 11               | 1                |   | 1                |                  | 16         |            |
|                                   | Recreational        | 1  |                  |                  |   |                  |                  | 1          | <b>17</b>  |
| <b>8:20 - 8:29 am</b>             | Commuters           | 3  | 5                |                  |   | 1                |                  | 9          |            |
|                                   | Recreational        | 1  |                  |                  | 2   |                  |                  | 3          | <b>12</b>  |
| <b>8:30 - 8:39 am</b>             | Commuters           | 3  | 3                | 1                |   |                  |                  | 7          |            |
|                                   | Recreational        |  |                  |                  | 1   |                  |                  | 1          | <b>8</b>   |
| <b>8:40 - 8:49 am</b>             | Commuters           | 2  | 5                | 1                | 3   |                  |                  | 11         |            |
|                                   | Recreational        |  |                  |                  | 2   |                  |                  | 2          | <b>13</b>  |
| <b>8:50 - 9:00 am</b>             | Commuters           | 5  | 2                |                  |   |                  |                  | 7          |            |
|                                   | Recreational        | 5  |                  |                  | 3   | 2                |                  | 10         | <b>17</b>  |
| <b>TOTAL</b>                      |                     | <b>265</b>   | <b>66</b>        | <b>7</b>         | <b>99</b>                                 | <b>5</b>         | <b>0</b>         | <b>442</b> | <b>442</b> |
|                                   | <b>Commuters</b>    | 68   | 61               | 7                | 9   | 2                | 0                | 147        |            |
|                                   | <b>Recreational</b> | 197  | 5                | 0                | 90  | 3                | 0                | 295        |            |

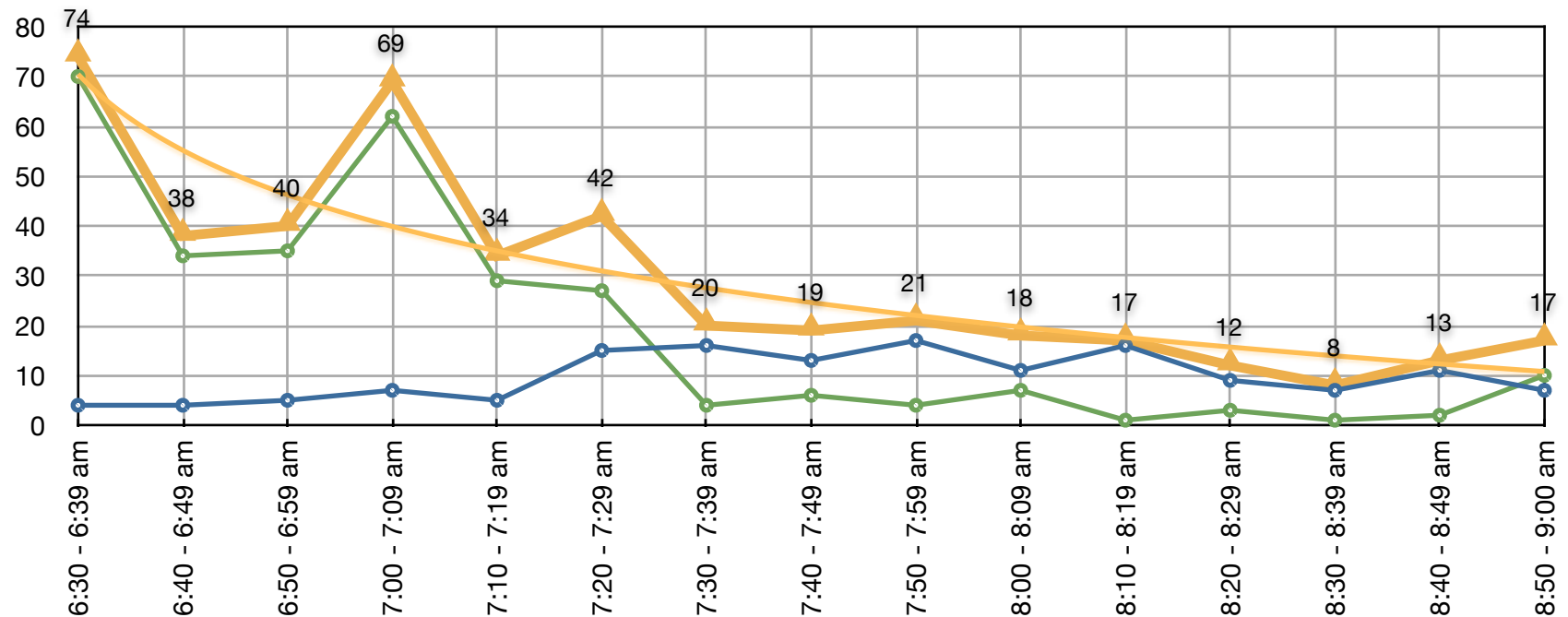


**MANUAL CYCLE COUNT - TAMAKI DRIVE - (SITE 10) - MID WINTER - MORNING PEAK**

| <b>Date: Friday 27 July, 2012</b> |                            | <i>Weather: 5-11°C, fine, clear, still, sun up 7:22 am</i> |   |              |                    |                  |            |
|-----------------------------------|----------------------------|--|---|--------------|--------------------|------------------|------------|
| WESTBOUND Heading towards city    |                            |  | EASTBOUND Heading towards Eastern Suburbs |              |                    |                  |            |
|                                   | Road                       | Bikepath (north)   | Footpath (south)                          | Road         | Bikepath (north)   | Footpath (south) | TOTAL      |
| <b>TOTAL</b>                      | <b>265</b>                 | <b>66</b>  | <b>7</b>                                  | <b>99</b>    | <b>5</b>           | <b>0</b>         | <b>442</b> |
|                                   | Total commuters            |  | 147                                       | 33.3%        |                    |                  |            |
|                                   | Total recreational         |  | 295                                       | 66.7%        |                    |                  |            |
|                                   | Westbound                  |  | 338                                       | 76.5%        |                    |                  |            |
|                                   | Eastbound                  |  | 104                                       | 23.5%        |                    |                  |            |
|                                   | Total on road              |  | 364                                       | 82.4%        |                    |                  |            |
|                                   | Total on bike path         |  | 71  | 16.1%        |                    |                  |            |
|                                   | Total on southern footpath |  | 7   | 1.6%         |                    |                  |            |
|                                   | Average flow               |  |   | 2.95         | bikes every minute |                  |            |
|                                   | Hourly cycle volume        |  |   | 176.8        | bike per hour      |                  |            |
|                                   | AADT                       | total Friday   | 442 x 3.06                                | <b>1,353</b> |                    |                  |            |
|                                   |                            |  | Manual Count                              | <b>AADT</b>  |                    |                  |            |
|                                   | Sunday                     | <b>August 2012</b>   | <b>327</b>                                | <b>1,001</b> |                    |                  |            |
|                                   | Saturday                   | <b>July 2012</b>   | <b>495</b>                                | <b>1,515</b> |                    |                  |            |
|                                   | Friday                     | <b>July 2012</b>   | <b>442</b>                                | <b>1,353</b> |                    |                  |            |
|                                   | Thursday                   | <b>July 2012</b>   | <b>374</b>                                | <b>1,144</b> |                    |                  |            |
|                                   | Wednesday                  | <b>July 2012</b>   | <b>299</b>                                | <b>915</b>   |                    |                  |            |
|                                   | Tuesday                    | <b>July 2012</b>   | <b>444</b>                                | <b>1,359</b> |                    |                  |            |
|                                   | Monday                     | <b>July 2012</b>   | <b>136</b>                                | <b>416</b>   | AADT total week    | 7,703            |            |
|                                   |                            | March 2011   | 630                                       | 1,555        |                    |                  |            |
|                                   |                            | March 2010   | 498                                       | 1,365        |                    |                  |            |
|                                   |                            | March 2009   | 321                                       | 886          |                    |                  |            |
|                                   |                            | <b>Sept 2008</b>   | <b>386</b>                                | <b>1,182</b> |                    |                  |            |
|                                   |                            | March 2008   | 416                                       | 1,146        |                    |                  |            |
|                                   |                            | March 2007   | 480                                       | 1,313        |                    |                  |            |

MANUAL CYCLE COUNT - TAMAKI DRIVE - (SITE 10) - MID WINTER - MORNING PEAK

| Friday 27 July, 2012 | Commuters  | Recreational | TOTAL      |
|----------------------|------------|--------------|------------|
| 6:30 - 6:39 am       | 4          | 70           | 74         |
| 6:40 - 6:49 am       | 4          | 34           | 38         |
| 6:50 - 6:59 am       | 5          | 35           | 40         |
| 7:00 - 7:09 am       | 7          | 62           | 69         |
| 7:10 - 7:19 am       | 5          | 29           | 34         |
| 7:20 - 7:29 am       | 15         | 27           | 42         |
| 7:30 - 7:39 am       | 16         | 4            | 20         |
| 7:40 - 7:49 am       | 13         | 6            | 19         |
| 7:50 - 7:59 am       | 17         | 4            | 21         |
| 8:00 - 8:09 am       | 11         | 7            | 18         |
| 8:10 - 8:19 am       | 16         | 1            | 17         |
| 8:20 - 8:29 am       | 9          | 3            | 12         |
| 8:30 - 8:39 am       | 7          | 1            | 8          |
| 8:40 - 8:49 am       | 11         | 2            | 13         |
| 8:50 - 9:00 am       | 7          | 10           | 17         |
| <b>subtotals</b>     | <b>147</b> | <b>295</b>   | <b>442</b> |



**MANUAL CYCLE COUNT - TAMAKI DRIVE - (SITE 10) - MID WINTER - MORNING PEAK**

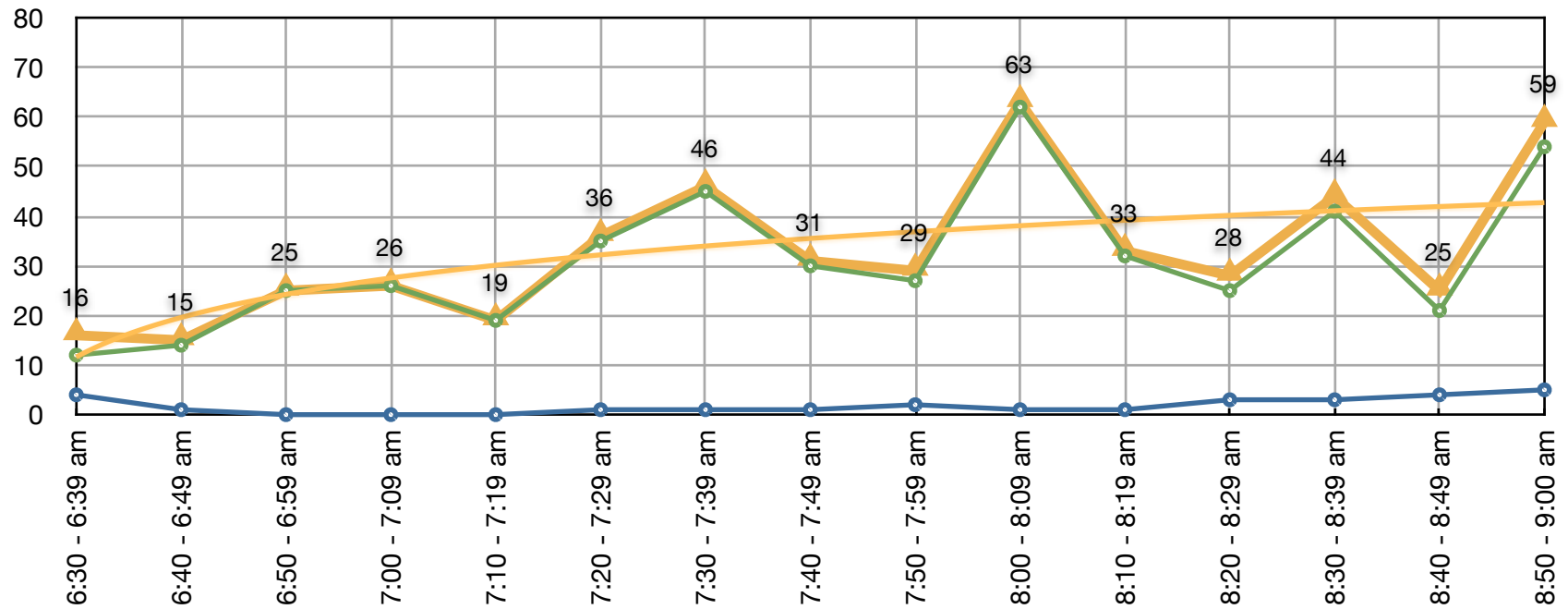
|                                     |                     | WESTBOUND Heading towards city  |                  |                  | EASTBOUND Heading towards Eastern Suburbs |                  |                  |            |            |
|-------------------------------------|---------------------|---|------------------|------------------|---|------------------|------------------|------------|------------|
|                                     |                     | Road  | Bikepath (north) | Footpath (south) | Road                                      | Bikepath (north) | Footpath (south) | SUBTOTAL   | TOTAL      |
| <b>Date: Saturday 28 July, 2012</b> |                     | <i>Weather: 5-10°C, fine, dry, light south-easterly, sun up 7:21 am</i> |                  |                  |   |                  |                  |            |            |
|                                     |                     | WESTBOUND Heading towards city  |                  |                  | EASTBOUND Heading towards Eastern Suburbs |                  |                  |            |            |
|                                     |                     | Road  | Bikepath (north) | Footpath (south) | Road                                      | Bikepath (north) | Footpath (south) | SUBTOTAL   | TOTAL      |
| 6:30 - 6:39 am                      | Commuters           | 2   |                  |                  | 1   | 1                |                  | 4          |            |
|                                     | Recreational        | 8   |                  |                  | 4   |                  |                  | 12         | <b>16</b>  |
| 6:40 - 6:49 am                      | Commuters           | 1   |                  |                  |   |                  |                  | 1          |            |
|                                     | Recreational        | 4   |                  |                  | 10  |                  |                  | 14         | <b>15</b>  |
| 6:50 - 6:59 am                      | Commuters           |   |                  |                  |   |                  |                  | 0          |            |
|                                     | Recreational        | 10  |                  |                  | 15  |                  |                  | 25         | <b>25</b>  |
| 7:00 - 7:09 am                      | Commuters           |   |                  |                  |   |                  |                  | 0          |            |
|                                     | Recreational        | 5   |                  |                  | 21  |                  |                  | 26         | <b>26</b>  |
| 7:10 - 7:19 am                      | Commuters           |   |                  |                  |   |                  |                  | 0          |            |
|                                     | Recreational        | 13  |                  |                  | 6   |                  |                  | 19         | <b>19</b>  |
| 7:20 - 7:29 am                      | Commuters           |   |                  |                  | 1   |                  |                  | 1          |            |
|                                     | Recreational        | 26  |                  |                  | 9   |                  |                  | 35         | <b>36</b>  |
| 7:30 - 7:39 am                      | Commuters           | 1   |                  |                  |   |                  |                  | 1          |            |
|                                     | Recreational        | 16  |                  |                  | 29  |                  |                  | 45         | <b>46</b>  |
| 7:40 - 7:49 am                      | Commuters           |   | 1                |                  |   |                  |                  | 1          |            |
|                                     | Recreational        | 15  |                  |                  | 15  |                  |                  | 30         | <b>31</b>  |
| 7:50 - 7:59 am                      | Commuters           | 1   |                  |                  |   | 1                |                  | 2          |            |
|                                     | Recreational        | 12  |                  |                  | 15  |                  |                  | 27         | <b>29</b>  |
| 8:00 - 8:09 am                      | Commuters           | 1   |                  |                  |   |                  |                  | 1          |            |
|                                     | Recreational        | 25  |                  |                  | 37  |                  |                  | 62         | <b>63</b>  |
| 8:10 - 8:19 am                      | Commuters           |   | 1                |                  |   |                  |                  | 1          |            |
|                                     | Recreational        | 21  |                  |                  | 11  |                  |                  | 32         | <b>33</b>  |
| 8:20 - 8:29 am                      | Commuters           | 2   |                  |                  |   | 1                |                  | 3          |            |
|                                     | Recreational        | 16  |                  |                  | 8   | 1                |                  | 25         | <b>28</b>  |
| 8:30 - 8:39 am                      | Commuters           | 1   |                  |                  | 1   | 1                |                  | 3          |            |
|                                     | Recreational        | 17  | 2                |                  | 22  |                  |                  | 41         | <b>44</b>  |
| 8:40 - 8:49 am                      | Commuters           | 1   | 2                |                  |   |                  | 1                | 4          |            |
|                                     | Recreational        | 8   | 1                |                  | 8   | 4                |                  | 21         | <b>25</b>  |
| 8:50 - 9:00 am                      | Commuters           | 4   | 1                |                  |   |                  |                  | 5          |            |
|                                     | Recreational        | 32  | 1                |                  | 21  |                  |                  | 54         | <b>59</b>  |
| <b>TOTAL</b>                        |                     | <b>242</b>  | <b>9</b>         | <b>0</b>         | <b>234</b>                                | <b>9</b>         | <b>1</b>         | <b>495</b> | <b>495</b> |
|                                     | <b>Commuters</b>    | 14  | 5                | 0                | 3   | 4                | 1                | 27         |            |
|                                     | <b>Recreational</b> | 228   | 4                | 0                | 231                                       | 5                | 0                | 468        |            |

MANUAL CYCLE COUNT - TAMAKI DRIVE - (SITE 10) - MID WINTER - MORNING PEAK

| Date: Saturday 28 July, 2012   |                            |                    | Weather: 5-10°C, fine, clear, light south-easterly, sun up 7:21 am |              |                    |                  |            |
|--------------------------------|----------------------------|--------------------|--|--------------|--------------------|------------------|------------|
| WESTBOUND Heading towards city |                            |                    | EASTBOUND Heading towards Eastern Suburbs                          |              |                    |                  |            |
|                                | Road                       | Bikepath (north)   | Footpath (south)   | Road         | Bikepath (north)   | Footpath (south) | TOTAL      |
| <b>TOTAL</b>                   | <b>242</b>                 | <b>9</b>           | <b>0</b>   | <b>234</b>   | <b>9</b>           | <b>1</b>         | <b>495</b> |
|                                | Total commuters            |                    | 27   | 5.5%         |                    |                  |            |
|                                | Total recreational         |                    | 468  | 94.5%        |                    |                  |            |
|                                | Westbound                  |                    | 251  | 50.7%        |                    |                  |            |
|                                | Eastbound                  |                    | 244  | 49.3%        |                    |                  |            |
|                                | Total on road              |                    | 476  | 96.2%        |                    |                  |            |
|                                | Total on bike path         |                    | 18   | 3.6%         |                    |                  |            |
|                                | Total on southern footpath |                    | 1  | 0.2%         |                    |                  |            |
|                                | Average flow               |                    |  | 3.30         | bikes every minute |                  |            |
|                                | Hourly cycle volume        |                    |  | 1712.7       | bikes per hour     |                  |            |
|                                | AADT                       | total Saturday     | 495 x 3.06   | <b>1,515</b> |                    |                  |            |
|                                |                            |                    | Manual Count   | <b>AADT</b>  |                    |                  |            |
|                                | Sunday                     | <b>August 2012</b> | <b>327</b>   | <b>1,001</b> |                    |                  |            |
|                                | Saturday                   | <b>July 2012</b>   | <b>495</b>   | <b>1,515</b> |                    |                  |            |
|                                | Friday                     | <b>July 2012</b>   | <b>442</b>   | <b>1,353</b> |                    |                  |            |
|                                | Thursday                   | <b>July 2012</b>   | <b>374</b>   | <b>1,144</b> |                    |                  |            |
|                                | Wednesday                  | <b>July 2012</b>   | <b>299</b>   | <b>915</b>   |                    |                  |            |
|                                | Tuesday                    | <b>July 2012</b>   | <b>444</b>   | <b>1,359</b> |                    |                  |            |
|                                | Monday                     | <b>July 2012</b>   | <b>136</b>   | <b>416</b>   | AADT total week    | 7,703            |            |
|                                |                            | March 2011         | 630  | 1,555        |                    |                  |            |
|                                |                            | March 2010         | 498  | 1,365        |                    |                  |            |
|                                |                            | March 2009         | 321  | 886          |                    |                  |            |
|                                |                            | <b>Sept 2008</b>   | <b>386</b>   | <b>1,182</b> |                    |                  |            |
|                                |                            | March 2008         | 416  | 1,146        |                    |                  |            |
|                                |                            | March 2007         | 480  | 1,313        |                    |                  |            |

MANUAL CYCLE COUNT - TAMAKI DRIVE - (SITE 10) - MID WINTER - MORNING PEAK

| Saturday 28 July, 2012 | Commuters | Recreational | TOTAL      |
|------------------------|-----------|--------------|------------|
| 6:30 - 6:39 am         | 4         | 12           | 16         |
| 6:40 - 6:49 am         | 1         | 14           | 15         |
| 6:50 - 6:59 am         | 0         | 25           | 25         |
| 7:00 - 7:09 am         | 0         | 26           | 26         |
| 7:10 - 7:19 am         | 0         | 19           | 19         |
| 7:20 - 7:29 am         | 1         | 35           | 36         |
| 7:30 - 7:39 am         | 1         | 45           | 46         |
| 7:40 - 7:49 am         | 1         | 30           | 31         |
| 7:50 - 7:59 am         | 2         | 27           | 29         |
| 8:00 - 8:09 am         | 1         | 62           | 63         |
| 8:10 - 8:19 am         | 1         | 32           | 33         |
| 8:20 - 8:29 am         | 3         | 25           | 28         |
| 8:30 - 8:39 am         | 3         | 41           | 44         |
| 8:40 - 8:49 am         | 4         | 21           | 25         |
| 8:50 - 9:00 am         | 5         | 54           | 59         |
| <b>subtotals</b>       | <b>27</b> | <b>468</b>   | <b>495</b> |



**MANUAL CYCLE COUNT - TAMAKI DRIVE - (SITE 10) - MID WINTER - MORNING PEAK**

|                       |                     | WESTBOUND Heading towards city |                  |                  | EASTBOUND Heading towards Eastern Suburbs |                  |                  |            |            |
|-----------------------|---------------------|--------------------------------|------------------|------------------|---|------------------|------------------|------------|------------|
|                       |                     | Road                           | Bikepath (north) | Footpath (south) | Road                                      | Bikepath (north) | Footpath (south) | SUBTOTAL   | TOTAL      |
| <b>6:30 - 6:39 am</b> | Commuters           |                                |                  |                  |   |                  |                  | 0          |            |
|                       | Recreational        | 3                              |                  |                  | 6   |                  |                  | 9          | <b>9</b>   |
| <b>6:40 - 6:49 am</b> | Commuters           |                                |                  |                  |   |                  |                  | 0          |            |
|                       | Recreational        | 2                              |                  |                  | 11  |                  |                  | 13         | <b>13</b>  |
| <b>6:50 - 6:59 am</b> | Commuters           |                                |                  |                  |   |                  |                  | 0          |            |
|                       | Recreational        | 2                              |                  | 1                | 4   |                  |                  | 7          | <b>7</b>   |
| <b>7:00 - 7:09 am</b> | Commuters           |                                |                  |                  |   |                  |                  | 0          |            |
|                       | Recreational        | 6                              |                  |                  | 1   | 1                |                  | 8          | <b>8</b>   |
| <b>7:10 - 7:19 am</b> | Commuters           |                                |                  |                  |   |                  |                  | 0          |            |
|                       | Recreational        | 6                              | 1                |                  | 4   |                  |                  | 11         | <b>11</b>  |
| <b>7:20 - 7:29 am</b> | Commuters           |                                |                  |                  |   | 1                |                  | 1          |            |
|                       | Recreational        | 5                              |                  |                  | 7   |                  |                  | 12         | <b>13</b>  |
| <b>7:30 - 7:39 am</b> | Commuters           |                                |                  |                  |   |                  |                  | 0          |            |
|                       | Recreational        | 7                              |                  |                  | 6   |                  |                  | 13         | <b>13</b>  |
| <b>7:40 - 7:49 am</b> | Commuters           | 1                              |                  |                  |   |                  |                  | 1          |            |
|                       | Recreational        | 25                             |                  |                  | 5   |                  |                  | 30         | <b>31</b>  |
| <b>7:50 - 7:59 am</b> | Commuters           | 2                              |                  |                  |   | 1                |                  | 3          |            |
|                       | Recreational        | 5                              |                  |                  | 13  |                  |                  | 18         | <b>21</b>  |
| <b>8:00 - 8:09 am</b> | Commuters           | 1                              |                  |                  |   |                  |                  | 1          |            |
|                       | Recreational        | 11                             | 1                |                  | 11  |                  |                  | 23         | <b>24</b>  |
| <b>8:10 - 8:19 am</b> | Commuters           |                                | 1                |                  | 1   |                  |                  | 2          |            |
|                       | Recreational        | 15                             |                  |                  | 9   | 2                |                  | 26         | <b>28</b>  |
| <b>8:20 - 8:29 am</b> | Commuters           |                                | 1                |                  |   |                  |                  | 1          |            |
|                       | Recreational        | 19                             |                  |                  | 9   | 1                |                  | 29         | <b>30</b>  |
| <b>8:30 - 8:39 am</b> | Commuters           |                                | 1                |                  | 1   |                  |                  | 2          |            |
|                       | Recreational        | 18                             |                  |                  | 5   | 1                |                  | 24         | <b>26</b>  |
| <b>8:40 - 8:49 am</b> | Commuters           |                                |                  | 1                | 1   |                  |                  | 2          |            |
|                       | Recreational        | 31                             |                  |                  | 11  | 1                |                  | 43         | <b>45</b>  |
| <b>8:50 - 9:00 am</b> | Commuters           |                                |                  | 1                |   |                  |                  | 1          |            |
|                       | Recreational        | 21                             | 6                |                  | 19  | 1                |                  | 47         | <b>48</b>  |
| <b>TOTAL</b>          |                     | <b>180</b>                     | <b>11</b>        | <b>3</b>         | <b>124</b>                                | <b>9</b>         | <b>0</b>         | <b>327</b> | <b>327</b> |
|                       | <b>Commuters</b>    | <b>4</b>                       | <b>3</b>         | <b>2</b>         | <b>3</b>                                  | <b>2</b>         | <b>0</b>         | <b>14</b>  |            |
|                       | <b>Recreational</b> | <b>176</b>                     | <b>8</b>         | <b>1</b>         | <b>121</b>                                | <b>7</b>         | <b>0</b>         | <b>313</b> |            |



MANUAL CYCLE COUNT - TAMAKI DRIVE - (SITE 10) - MID WINTER - MORNING PEAK

| <b>Date: Sunday 5 August, 2012</b> |                            | <i>Weather: 8–14°C, clear, dry, still, sun up 7:17 am</i> |   |              |                    |                  |            |
|------------------------------------|----------------------------|---|---|--------------|--------------------|------------------|------------|
| WESTBOUND Heading towards city     |                            |   | EASTBOUND Heading towards Eastern Suburbs |              |                    |                  |            |
|                                    | Road                       | Bikepath (north)  | Footpath (south)                          | Road         | Bikepath (north)   | Footpath (south) | TOTAL      |
| <b>TOTAL</b>                       | <b>180</b>                 | <b>11</b>   | <b>3</b>                                  | <b>124</b>   | <b>9</b>           | <b>0</b>         | <b>327</b> |
|                                    | Total commuters            |   | 14  | 4.3%         |                    |                  |            |
|                                    | Total recreational         |   | 313                                       | 95.7%        |                    |                  |            |
|                                    | Westbound                  |   | 194                                       | 59.3%        |                    |                  |            |
|                                    | Eastbound                  |   | 133                                       | 40.7%        |                    |                  |            |
|                                    | Total on road              |   | 304                                       | 93.0%        |                    |                  |            |
|                                    | Total on bike path         |   | 20  | 6.1%         |                    |                  |            |
|                                    | Total on southern footpath |   | 3   | 0.9%         |                    |                  |            |
|                                    | Average flow               |   |   | 2.18         | bikes every minute |                  |            |
|                                    | Hourly cycle volume        |   |   | 130.8        | bikes per hour     |                  |            |
|                                    | AADT                       | total Sunday  | 327 x 3.06                                | <b>1,001</b> |                    |                  |            |
|                                    |                            |   | Manual Count                              | <b>AADT</b>  |                    |                  |            |
|                                    | Sunday                     | <b>August 2012</b>  | <b>327</b>                                | <b>1,001</b> |                    |                  |            |
|                                    | Saturday                   | <b>July 2012</b>  | <b>495</b>                                | <b>1,515</b> |                    |                  |            |
|                                    | Friday                     | <b>July 2012</b>  | <b>442</b>                                | <b>1,353</b> |                    |                  |            |
|                                    | Thursday                   | <b>July 2012</b>  | <b>374</b>                                | <b>1,144</b> |                    |                  |            |
|                                    | Wednesday                  | <b>July 2012</b>  | <b>299</b>                                | <b>915</b>   |                    |                  |            |
|                                    | Tuesday                    | <b>July 2012</b>  | <b>444</b>                                | <b>1,359</b> |                    |                  |            |
|                                    | Monday                     | <b>July 2012</b>  | <b>136</b>                                | <b>416</b>   | AADT total week    | 7,703            |            |
|                                    |                            | March 2011  | 630                                       | 1,555        |                    |                  |            |
|                                    |                            | March 2010  | 498                                       | 1,365        |                    |                  |            |
|                                    |                            | March 2009  | 321                                       | 886          |                    |                  |            |
|                                    |                            | <b>Sept 2008</b>  | <b>386</b>                                | <b>1,182</b> |                    |                  |            |
|                                    |                            | March 2008  | 416                                       | 1,146        |                    |                  |            |
|                                    |                            | March 2007  | 480                                       | 1,313        |                    |                  |            |

MANUAL CYCLE COUNT - TAMAKI DRIVE - (SITE 10) - MID WINTER - MORNING PEAK

| Sunday 5 August, 2012 | Commuters | Recreational | TOTAL      |
|-----------------------|-----------|--------------|------------|
| 6:30 - 6:39 am        | 0         | 9            | 9          |
| 6:40 - 6:49 am        | 0         | 13           | 13         |
| 6:50 - 6:59 am        | 0         | 7            | 7          |
| 7:00 - 7:09 am        | 0         | 8            | 8          |
| 7:10 - 7:19 am        | 0         | 11           | 11         |
| 7:20 - 7:29 am        | 1         | 12           | 13         |
| 7:30 - 7:39 am        | 0         | 13           | 13         |
| 7:40 - 7:49 am        | 1         | 30           | 31         |
| 7:50 - 7:59 am        | 3         | 18           | 21         |
| 8:00 - 8:09 am        | 1         | 23           | 24         |
| 8:10 - 8:19 am        | 2         | 26           | 28         |
| 8:20 - 8:29 am        | 1         | 29           | 30         |
| 8:30 - 8:39 am        | 2         | 24           | 26         |
| 8:40 - 8:49 am        | 2         | 43           | 45         |
| 8:50 - 9:00 am        | 1         | 47           | 48         |
| <b>subtotals</b>      | <b>14</b> | <b>313</b>   | <b>327</b> |

