

Energy Consumption and GHG Emissions

From: 2020-01-01 To: 2020-12-31

| Facility Name                                     | Electricity (kWh) | Electricity Emissions (kg CO2) | Natural Gas (m3) | Natural Gas Emissions (kg CO2) | Fuel Oil 1&2 (L) | Fuel Oil 1&2 Emissions (kg CO2) | Propane (L)  | Propane Emissions (kg CO2) | Combined Emissions per facility (kg CO2) |
|---------------------------------------------------|-------------------|--------------------------------|------------------|--------------------------------|------------------|---------------------------------|--------------|----------------------------|------------------------------------------|
| Airport - Maintenance Building                    | 71640             | 2579.040                       | 12605            | 24214.205                      |                  |                                 |              |                            | 26793.245                                |
| Airport - Resturant Building                      |                   |                                |                  |                                |                  |                                 |              |                            | 0.000                                    |
| Airport - Terminal                                | 82479             | 2969.244                       | 5141             | 9875.861                       |                  |                                 |              |                            | 12845.105                                |
| Biodigester                                       | 172083            | 6194.988                       |                  |                                |                  |                                 |              |                            | 6194.988                                 |
| Derby Community Centre                            | 43447             | 1564.092                       |                  |                                |                  |                                 |              |                            | 1564.092                                 |
| Derby Roads Shop                                  | 11430             | 411.480                        |                  |                                |                  |                                 | 12569        | 19042.035                  | 19453.515                                |
| East Linton Water Treatment Plant                 | 184445            | 6640.020                       | 10756            | 20662.276                      |                  |                                 |              |                            | 27302.296                                |
| Inter-Township Fire Hall                          | 49865             | 1795.140                       | 5885             | 11305.085                      |                  |                                 |              |                            | 13100.225                                |
| Kemble Community Centre                           | 25686             | 924.696                        |                  |                                | 115              | 316.595                         |              |                            | 1241.291                                 |
| Keppel Road Shop                                  | 22147             | 797.292                        |                  |                                |                  |                                 | 12018        | 18207.27                   | 19004.562                                |
| Pottawatomi Water Treatment Plant                 | 24542             | 883.512                        |                  |                                |                  |                                 |              |                            | 883.512                                  |
| Sarawak Roads Depot                               | 19516             | 702.576                        | 9984             | 19179.264                      |                  |                                 |              |                            | 19881.840                                |
| Shallow Lake Community Centre                     | 294530            | 10603.080                      | 25744            | 49454.224                      |                  |                                 | 468          | 709.02                     | 60766.324                                |
| Shallow Lake Water Treatment Plant                | 123397            | 4442.292                       | 12800            | 24588.8                        |                  |                                 |              |                            | 29031.092                                |
| Township of Georgian Bluffs Administration Office | 38977             | 1403.172                       | 7733             | 14855.093                      |                  |                                 |              |                            | 16258.265                                |
| <b>Totals</b>                                     | <b>1164184</b>    | <b>41910.624</b>               | <b>90648</b>     | <b>174134.808</b>              | <b>115</b>       | <b>316.595</b>                  | <b>25055</b> | <b>37958.325</b>           | <b>254320.352</b>                        |